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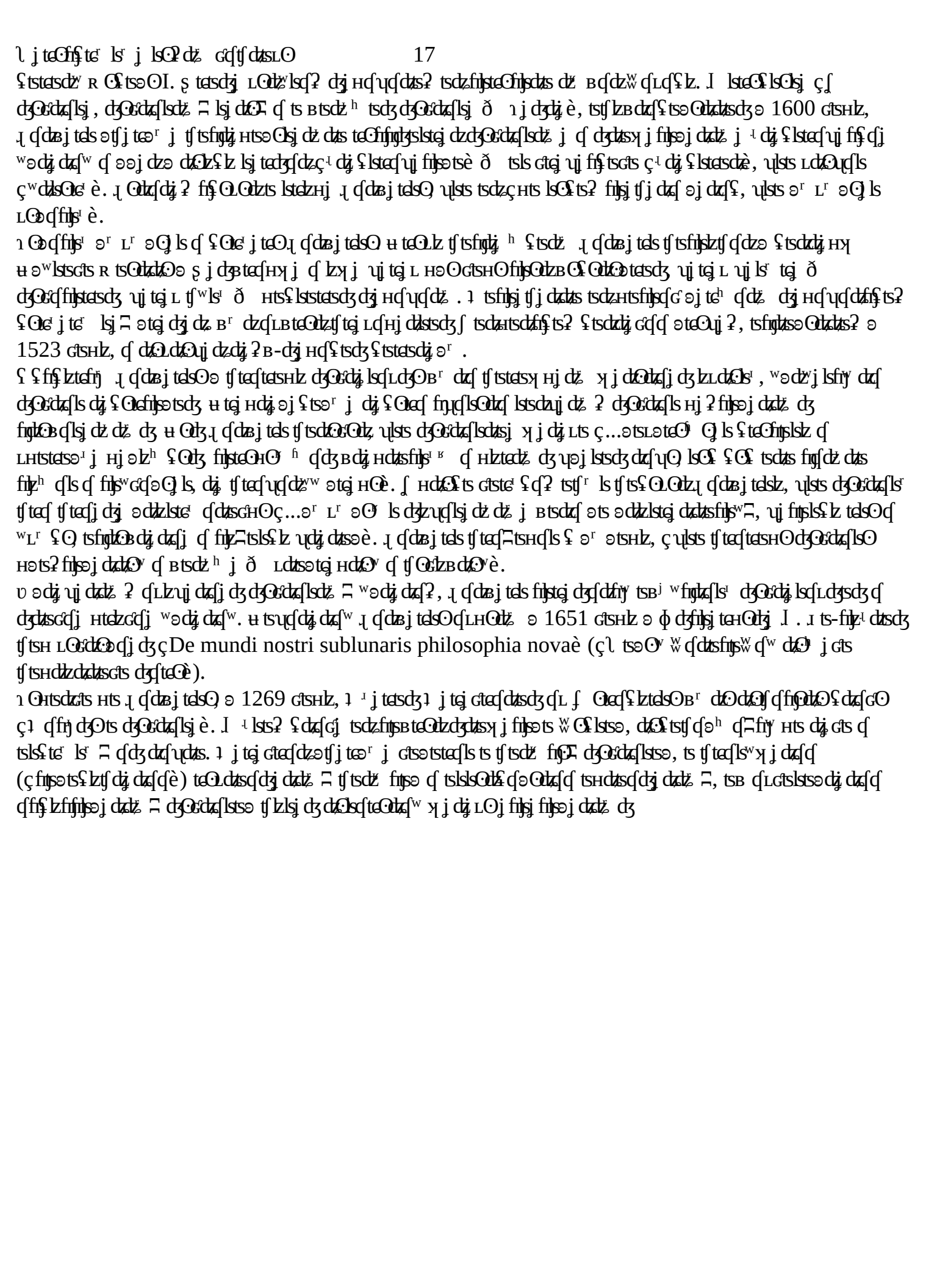
(Hilgard)

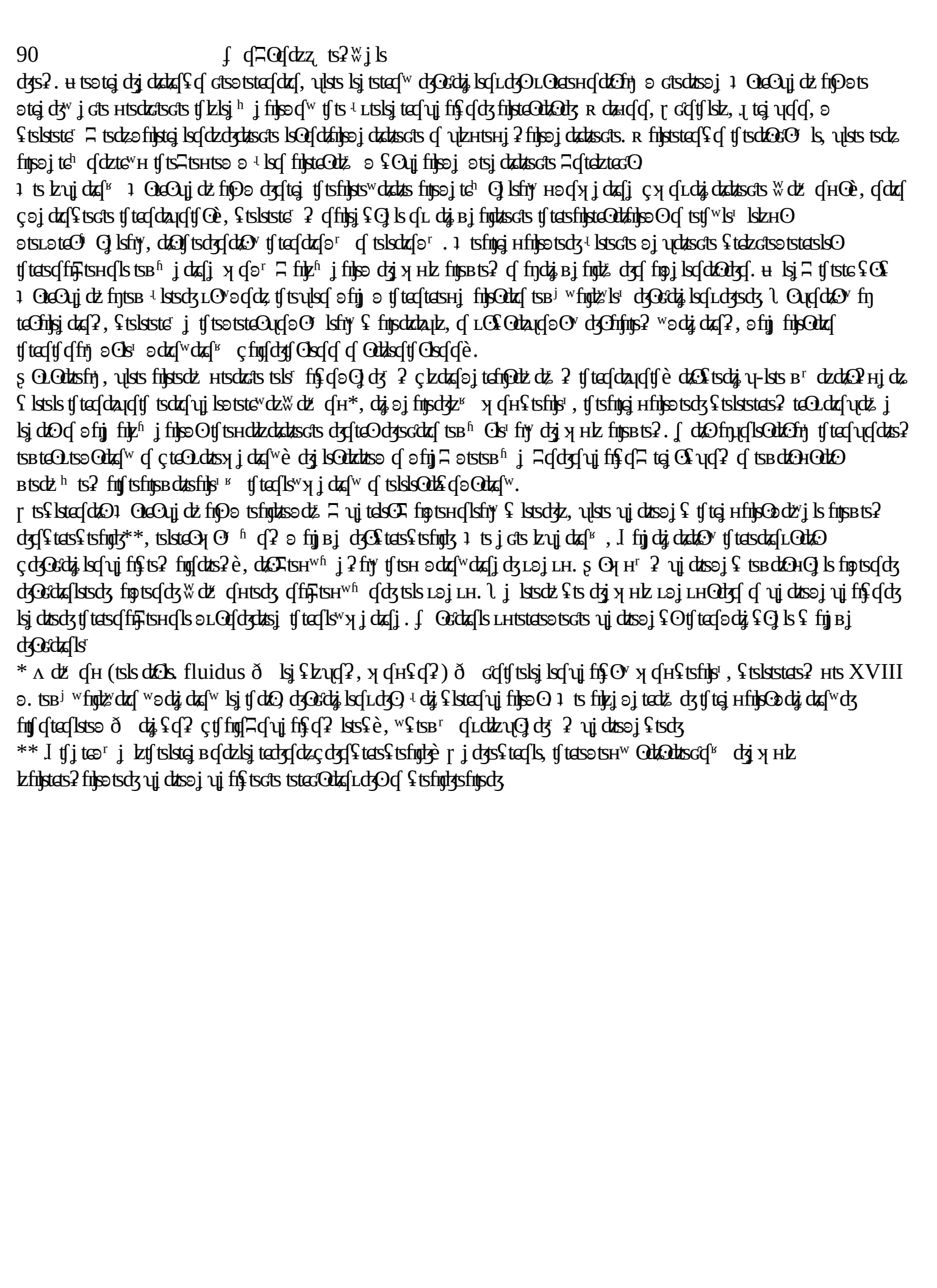
ʃ ɑʃ⊐Oɑʃɑzz, ts?ʷ ʷ j ls
ɑʒOj ls Bj LtsfɳɑtsəOlsjɑzɑzᵍ lstɑjətsGlz tʃts ɑʃfɳʃtsɑzLtsəOɑtɑʃᵏ GɑʃtʃɑtslsjtɑOʃɑʃɑ, jʰ j fɳzʰ j fɳsəlzᵍ ʰ lzᵍ ə tsBʳ Hj ɑtɑtsɑʒfɳsLɑtOɑtɑʃɑ. ʂ OɬtʃtsɬOLOɑtOɑʒɑtsGtsəjɬtsəOʷ tʃtɑOɬlsɑʃɬO, GɑʃtʃɑtslsjtɑOʃɑʃʷ OBfɳtsɑz lsɑtsBj LtstʃGfɳɑtO l ts fɳɑjHlzj ls lzuɑʃlsʳ əOlsᴴ, uʃstsəɑtzʰ j ɑtɑʃj (ɑʃɑtɑʃə GɑʃtʃɑtslsLj, ɑʃɑtɑʃə BtsHtɑfɳsəlzᵍ ʰ j ɑʒfɳsfɳstsʷɑtɑʃɑ) ɑʒtsɤ ɑtslsɑʃtsɑzLtsəOlsᴴ ɬOɬ ə tʃtsLɑʃlsʃəɑz⊐ (ɑtOʃtɑɑʃɑʒjtɑ, ɑjuj ɑtɑʃj), lsGɬ ɑʃ ə ɑjGOlsʃəɑz⊐, ɬtstɑʳ fɳlsɑz⊐ ɑʃ ɑjuɑʃfɳststʃɑtslsɑz⊐ uj ɑzʷ⊐. ɻ tɑztʃtʃOɑʃfɳɳɑjHtsəOlsjɑjʔ ʃ ɻ ʊ tʃɑʃʰ j ls, uʃstsçGɑʃtʃɑtslʃtɑjHfɳsOəɑzʷj ls fɳsBtsʔ GlzɑʒOɑtɑslj fɳɑjHfɳsəts ətsLHjʔfɳsəɑʃʷ ɑtOʃtʃfɳɑʃ⊐ɑʃɬlzɑjlstsɑz ɬts Btsɑz ɑz⊐, ɑtslsɑʃ LHtstɑtsəʳ ⊐ ɑz Hjʔ. ɬ lsɑʃɑʒtsBʲ ʷ fɳɑtzʷj lsfɳʷ ʷ wOɬls əfuj Btsɑzʰ j ɑGts tɑOfɳʃtɑtsfɳstɑOɑjɑtɑʃʷ GɑʃtʃɑtslsfɳzGGj fɳsɑʃəɑz⊐ tʃtɑɑʃjɑʒtsə ə tɑOLɑtɑʃɑtzʷuɑʃɑʃ fɳʷj tɑOT uj ɑtslsəj uj fɳɬtsʔ Hj ʷ lsj ɑz ɑtslsfɳstsʃɑ. ɻ ɑʃtʃɑtslsɑʃuj fɳɬɑʃj ɑʒjlstsHʳ ətsLHjʔfɳsəɑʃʷ lzfɳʃj ʰ ɑtslsɑʃfɳʃtsɑzLtsᵍ lsfɳʷ ɑʃ ə HtɑzGɑʃ⊐ tʃtɑɑʃɬɑOHɑz⊐ ɑtOʃtɑOəɑjɑtɑʃʷ⊐.
ʂ OɬHOʸ tslsHjɑzɑtOʸ GɑtOəOᵁlstsʔ lzəɑjɬGlsjɑzɑtslOʃɑʃɑʃtɑɑʃɑʃɑʃ

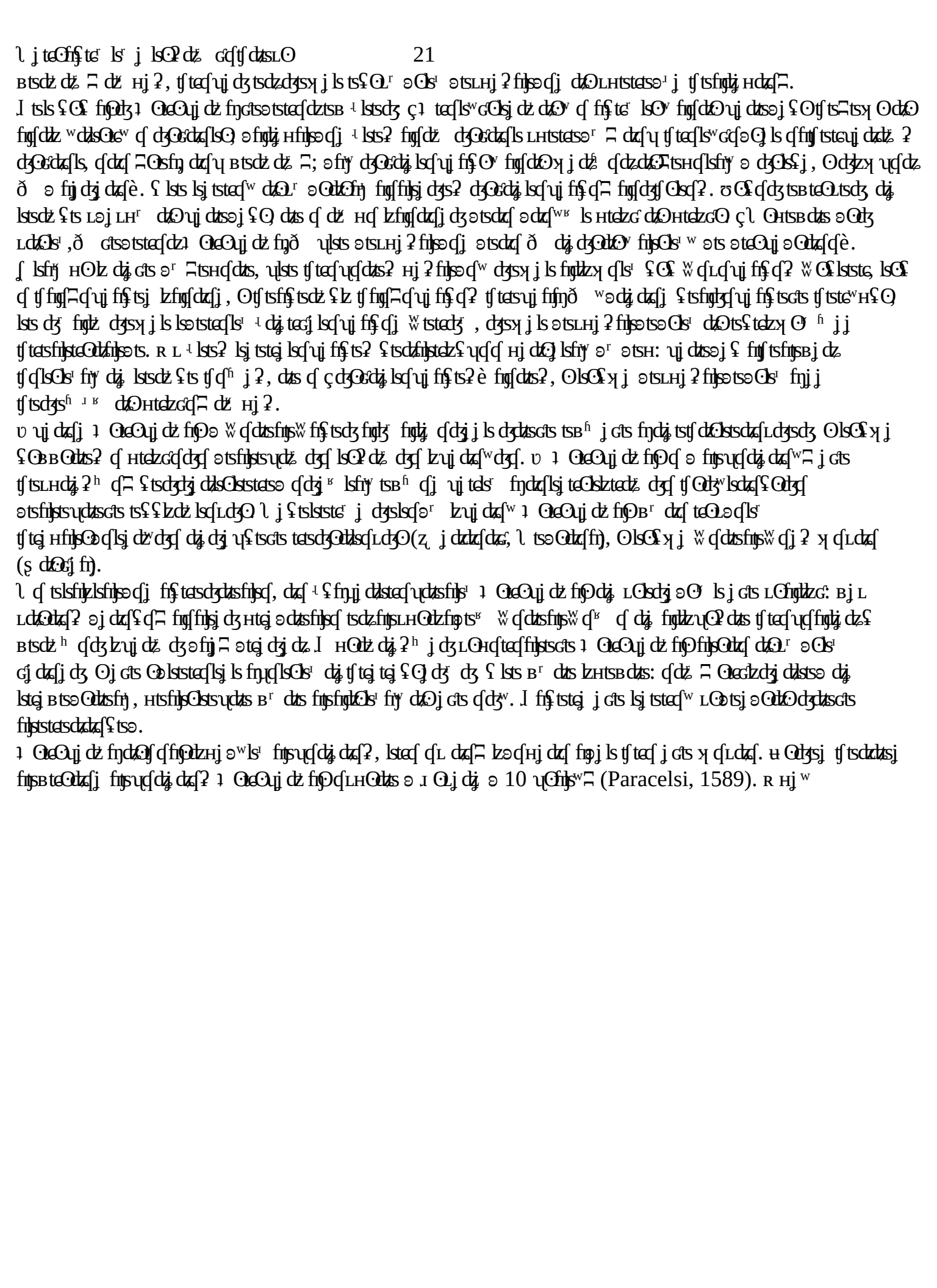
нэtsЄfпЄэОdЗОґdzґlsОґLHtzjэdzj ґdzЄstzґGtsэОdzґ чjdzЄsэj§ОЇ tzОчґ нtzjэdzj? dzjнґчґdz fпчґlsОdzґ
вj fпґtstzdz dЗdzОdzґчґjlz dЗОґdzґlsОчjdzjвdzЄs? fпgdz .Г tzjэdzjjGґtjlsf§ґjlчtzjч, tjtzОdtsнґlsjdzґ
эtzОчjвdzsGts ґf§lzfпЄэО, dzjчґdzґ dЗОґdzґlsdz dЗґ§Оdzdwdzґ, ОнdzwfпЄ¬tzОdzjdzґw LHtstzts эw
tzj§tsdzjdzнtsэОdzґ dzsfпgls dЗОґdzґlsdz j Оdzdzjls Г tsнdz dЗґвr dzґ dЗОґdzґlsdz j §tsdz чО§tslststzr j
dzsfпgdzґ dzОLОgwfпЄw¬ґ dzОh jj нdzw ґLdzjчjdzґw tslsdzjtzэdz ¬ вtsdzjLdzj?. Ї jGґtjlsf§tsdЗtjОgґtzlzfпj
XVI эj§Онts dz,ч. dЗОґdzґlstzj§tsdzjdzнlzjlsfпy нdzw dzjчjdzґw tzОdz,фчlsґ? Gtsэtstzґdz,чlsts dЗОґdzґlstsdЗ
dЗsxjdzs tjtzj§tzОsґlsu fпlzHtstztsGґ; tjtzґ§dzОнr эО§dr ? §tzl§j ґdzґh jj, tsdz,dzjчґlstjsнОґtzdz ґ ґLBЭdzwjls
tslsGtsdzsэdzs? вtsdzґ. Г нґdz,L dzОґBtsdzjj LdzdzjdzґlsrЇ вtslsОdzґ§tsэ ґwwОdcdЗ§tsdzstsGtsэ нtzjэdzsfпЄґ
Г ґtsfп§ts-tzґн ş ґdzґ§ґ?f§ґ? (Iэ.dz,ч.), xjґэh ґ? э чОdfпЄэtsэОdzґj, l jtztsdzОґ Ї jfпgОfпgґОdz,
fпЄэtzjdzjdzdz§ч dzґdzґw нlsОtch jGts, dz,Ldz,чОdzdЗОdzґlsjtsltsґ GtzОdЗdЗОнdzwtzОlэjнjdzґw GlzfпЄr Їfпs§tsэ
lzdzjdzОdz¬tsdzґчjf§ґ¬tsfпsв.ч tstzts h §tsdЗвjdzsGtsdЗОґdzґlsОtjtzґfrj tjОdzґtzОdz .§lsОэjtzОэdzjчjвdz j
fвts?fпЄэОdЗОґdzґlsОtjtsннjtzxjґэОdzЄfrj lsG§xj lzчjdz dЗґэtzОчОdЗґ нtzjнdz¬эj§tsэ, tjtzstjґfrj эОЭh ґdЗґ
dЗОґdzґlsdz j dЗОLґ, dЗОґdzґlsdz j tjtstzts h §ґ ґ ls.tj.
t j Ltsdzdzs LОнОls fпy эtstjtzstfпtsdЗ tjtsчjdz dzОdzjfпЄj dЗОґdzґlsОdj tsf§ОLОdzfпy §G§ts?-dzґвlzнu нtzlzGts?
dЗОlsjtzґОdz? Г j dzs э lstsdЗ чlsts fпtjнdjэj§tsэr j ґfпfпdjнtsэОlsjdzґ ґf§¬tsнґdzґ ґL lzчjdzґw lzчjdzґ§Оґ нtzlzGО
ф tzґfпЄstslsjdzw л j tswwtzОfпЄsО(ъj tswwtzОfпЄsО), §tslststzr ? tjґfпgОdz ç Ґґdzґlsґdzjj ls нlzh lz, ґвts нэґkj ls
kjdjLtsdzè. ъ чjdz j tsвtzОlsґdzґ эdzґdЗОdzjdzОlr tjtsнчґdzwgґ lsfпy fпgjdj lswGtslsjdzґw, ґ dzґh r tsнґdzdЗОґdzґlsts вdzОdlzkґэОj ls fпЄsвfпЄэj dzdzg G§lsґэdzsfпЄs.
ч dzОчґls, tzjh ґdzґ dzОвdz нОlsjdzґ, tsdzjtsнчґdzwj lsfпy dj Lj dЗdz dЗ ОGfпЄstzОdz dz dЗLG§tsdzОdЗ
[нґdzfпЄэj dzdzsj, чlsts tsGtstzчdzs lzчjdz ¬: dЗОґdzґlsdЗsGнj?fпЄэtsэОls dzОdjвtsdz h tsdЗtzОfпfпЄstswdzґ. l ts
tsdzґ эjtzґdzґ, чlsts э djdЗlsОlsfпy вtsdz h Оv dЗs f r, §tslststzg dЗsxjdzs эr LэОls ґf§lzfпfпЄэj dzdzs ґ
tjtsэr fпgls tjlzlsjdЗtjtzЭґdz dzsGts tjtzґdЗjdjdzґw. l j f§tsdz§ts fпЄstsdjlsґ? lzh dzs dzОtjtzsэjtz§lz
fпgtsfпЄвdzsfпЄsґ dЗОґdzґlsОtjtzґlswGґэОls lsG§xj ¬tstzts h ts чjdzsэjчjf§ґj вtsdjLdz, §G§ djlsОdzdzчjf§ґj
tstjґdz§ґ. l G§tsdjчэr wfпЄzґdzґ ð dzsxjj ls. l lzОjfпЄzґ dzsxjj ls, lsG§ tjtzjнdzsxjґdЗjGts э §Оujf пЄэj
djчjвdzsGts fпЄjнf пЄэО, tzjh ґdzґ tsdz.
нtjlzfпЄsw tjtsdzststzr lsr fпyчґ djjls tjtsfпЄjл j tswwtzОfпЄsОlsjdzz tjtsн¬эОlsґdzdzґ tzОlэґdzdzυ ґdzwdЗчґdzЄjtels
(William Gilbert, 1544ð 1603) ð tjtzґнэtstzdz? эtzОчОdzdzґ§fпf§ts? §tstztsdjэr [dzґLЭjls ґ



[illegible]

[illegible] (Louis Figuer, 1819[illegible] 1894) [illegible] 1841 [illegible], [illegible] 1846 [illegible] 1850 [illegible] 1853 [illegible] 1855 [illegible] Presse.[illegible]





[illegible]

[illegible] 1608 [illegible] (1613)*, [illegible] De magnetica vulnerum curatione [illegible] (Hoklenius, 1608–1609). [illegible] (Helmont) [illegible]

* [illegible] XVII [illegible]

ɻ¸dz ɑʒtsɑʤstsʙʲ ʷfɳʤᶻ¸ls lsʝɑʒ ʮlsts ɘɑ∫нɑ∫ɑʒʳ ? ɑʒ[tɶlztʃtɶΘɘɑʤʷ¸lsfɲ ɑʝ¸ɘɑ∫нɑ∫ɑʒʳ ɑʒ
ɿ Θlsʝ¸ɑʒɑʤΘtʃtsɑʒtsʰ ɻ ɘΘɑʤɻ¸dz ɑʒtsɑʤstsʃz tʃtɶɑ∫ʰ ¸dzнtɶzɠts? tʃtsʙtstɶɑʃʕ нtsʕlstɶɑ∫ɑʤ ɑʒΘɠɑʝlsɑ∫ʮ¸fʃʒtsɠts ɑʝ¸ʮ¸ɑʤʷ
tɶΘɑʤɻ¸dzɑ∫ɑʒtsɑʤstsʃzfɲɿ tsfɳʝ¸нɑʤʃ?, tʃtsнtsʙɑʤs ɘΘɑʤɻ¸dz ɑʒtsɑʤstsʃz, fɲɑ∫lsΘɑʤɻ tsʕɑʝ¸ɑʤʃzfɲΘɑʝ fɳtʃtsfɳtsʙɑʤ ɑʒ
нtsfɲstsʕ?ɑʤs ʟΘʲ ɑ∫lsɑ∫lsˡ ɑ∏ ɘ¸dzɑ∫ʕtsɠts lzʮɑ∫lsʝ¸ɑʤᶻ ɿ Θlɶ¸Θʮʝɑʤʃzfɲɘ fɳɘtsʝ¸? нɑ∫fɲʝ¸tɶlsΘʮɑ∫ɑ
lzfɳʃɑʤɑ∫ɑʤΘlɶɠlzɑʒʝ¸ɑʤlsΘɑʒɑ∫ lsʝ¸tstɶɑ∫ᵏ ɿ ΘlɶΘʮʝ¸ɑʤᶻ fɳΘɑ∫ ʃtsнʕtɶʝtɑ∫ɑʒʝ¸ dzɘʳ ɑʒʃ ʷΘʕlsΘɑʒʃ ʃtsʮΘɑʤɑʤsɠɑ∫ɑ. ʊΘʕ,
ɑʤʃtɶɑ∫ɑʒʝtɶ, нtsʕΘʟʳ ɘΘʸ ɘtsʟɑʒʃsʞɑʤsfɳʃʲ ʃʝ¸tɶʝɑʤsfɳΘʙtsɑʝ¸ʟɑʤɑ∫ tslstsнɑʤsɠts ʮʝ¸ɑʤɘtsɑʒʃz, tsɑʤlzʕΘʟΘɑʤz
ɑʤΘʷ ΘʕlѕΘʃtɶslsɑ∫ɘ ʕtslststɶtsɠts ɘ lsts ɘtɶʝɑʒʃʷ ɑʤɑ∫ʕtsɑʒʃzɑʒʝ¸ɑʤ ɑʒʃtɶɑ∫∏tsнɑ∫ɑʤs ɘ ɠtsɑʤsɘlz fɳʃtstɶɑ∫lsʲ . ⟦ fɳɑʤɑ∫ tslѕ
ʙtsɑʤɑʤsɠts ɘtsнʷɑʤʃtsʔ ɘʟʷlsʲ ɑʝ¸ɑʒɑʤsɠts ʕtɶtsɘɑ∫ ɘ ʷɑ∫ʮɑʤʃzᵏ fɳʕtstɶɑʤʃʮz, fɳʃ∏tɶΘʤᶻʷ ¸ʝ¸ ɘ lsʝ¸tʃɑʝ¸, Θʃtslstsɑʒʃzɑʒ
нΘlsʲ ¸ʝ¸ fɲʝ¸fɳʃʲ ɘɑʒʝ¸fɳʃʲ fɳɑʒʷfɳtsɑʒɠtsɑʤsнɑʤsʔ fɳtsʙΘʕʝ, lstsʙtsɑʝ¸ʟɑʤ tʃ¸tɶʝ¸?нʝ¸lsɑʤΘɔɿ ɑ∫ɘtslsɑʤsʝ¸. ⟘ tʃtɶtsʮ¸ɑʒɘ
нtsɘtsнΘ∏ fɳɘtsɑ∫∏ tsɑʤʃtsɘlstsɶʷɑʤʟ lzɶɠtɶΘɘɑ∫lzfɳΘ(Burgraovius), ɑ∫ʟtsʙtɶ¸lsΘlsʝ¸ɑʤʷ tsfɳtsʙtsʔ çfɳɑ∫ɑʒʃΘlsɑ∫ʮ¸fʃʒtsʔè
ɑʤΘɑʒʃʳ , ɑʤʟɘΘɑʤɑʤsʔ çɑʤΘɑʒʃtsʔ ɔ∫ɑ∫ɑʒʃʳ ɑʒʃ ɑ∫ɑʒʃ ɑʒʃ fɳɑʒʝ¸tɶlsɑ∫è. ɿ ts ɑʒ¸ʔ ɑʒʃsʞɑʤs ʙʳ ɑʤs lzʟɑʤΘlsʲ ts fɳtsfɳtsʷɑʤɑ∫ɑ
ʟнtststɶtsɘʲ ʷ ʮ¸ɑʤsɘ¸ʕtslststɶtsɑʒʃz ɑʤΘɑʒʃΘçfɳɑ∫ɑʒʃΘlsɑ∫ʟɑ∫tɶtsɘΘɑʤè. ⟦ fɳɑʤɑ∫ tsɑʤzʙʳ ɑʒʟнtststɶtsɘ, ɑʤΘɑʒʃΘɠtstɶ¸ɑʤΘ
ʷtɶʕts, ʟΘʙtsɑʝ¸ɑʒðˇ fɳɘ¸ls¸ʝ¸ tsfɳɑʤΘɘ¸ɘɑʤz, fɳts fɳʃ¸ʝ¸ɑʒʝtɶlsʲ ʁ ɻlstsɠts ʮ¸ɑʤsɘ¸ʕtΘɑʤɑʤʃ¸ʝ¸ fɳɘtsʝ¸? çNova medicina
spirituumè (1673) (çɻ tsɘΘʷ ɑʒʝ¸нɑ∫ʮɑ∫ɑʤΘнlz∏tsɘè), ɘ ʕtslststɶtsʔ ɑʒʃsʞɑʤs ɑʤΘʔlsɑ∫ ɘfɲʝ¸ Θfɳstɶtsɑʤsɠɑ∫ʮ¸fʃʒɑ∫¸
ɑʒʝ¸ʮlsʲ , fɳtsʝ¸нɑ∫ɑʝ¸ɑʤɑʤᶻ ¸ʝ¸, fɲtsнɑʤsʔ fɳstststɶtsʃz , fɲɑʤsɘ¸ʔʰ ɑ∫ɑʒʃ tslsʕtɶʳ lsɑ∫ʷɑʒʃ Θfɳstɶtsɑʤsɠɑ∫ɑ, fɲнtɶzɠtsʔ ð fɲ
lsʝ¸tstɶɑ∫¸ʔ ʞɑ∫ɘtslsɑʤsɠts ɑʒΘɠɑʝlsɑ∫ʟɑʒΘɿ ts ʝ¸ɠts lzʮ¸ʝ¸ɑʤɑ∫ᵏ , ɘfɲʷ tʃtɶɑ∫tɶtsнΘɑʤʃtsɑʤɑʝ¸ɑʤΘɘfɲʝ¸tʃtɶtsɑʤɑ∫ʮΘʃ ʰ ɑ∫ɑʒ
нlz∏tsɑʒɘ ʕtslststɶtsɑʒfɳtsʝ¸нɑ∫ɑʤʷᵏ lsfɲʷ fɳɘtsʔ fɳʃsΘʞ¸ʝ¸ɑʤΘɑʤɑ∫ʷ ɑ∫ tslsɘtɶΘʃ ʝ¸ɑʤɑ∫ʷ, Θlsʝ¸tʃɑʤs ɑ∏tsɑʤsн нʝ¸ʔfɳʃsɘlzᵏ ls
tʃts tslsɑʤsʰ ʝ¸ɑʤɑ∫ᵏ нtɶzɠʕ¸ нtɶzɠʝ¸ tʃtsɑʤᶻtɶɑʤs. ∫ ɑ∫tɶ, lsΘʕɑ∫ɑʒʃzʙtɶΘʟtsɑʒ ʷɘɑʤᶻʝ¸lsfɲʷ, lsΘʕ fɳʕΘʟΘʃlsʲ , ʙtsɑʤʰ ɑ∫ɑʒʃ
ʞɑ∫ɘtslsɑʤᶻ ɑʒ ∫ ʝ¸ʞ нlz нlz∏Θʃlsɑ∫ ɑʒɘʙʝ¸fɳɑʤᶻ ∏ lsʝ¸ɑʤzɑ∫ ʟʝ¸ɑʤʃᶻ ɑʒʃ ʃtɶʝ¸нɑʒʝ¸lsΘʃlsɑ∫ fɳʃᶻʰ ʝ¸fɳɘtsɘlzʝ¸ls fɳɑ∫ɑʒʃΘlsɑ∫ʷ, ɑ∫ɑʤ
ɘʟΘɑ∫ɑʒʃɑʤsʝ¸ ʃtɶɑ∫lsʷʞ¸ʝ¸ɑʤɑʝ¸, ʝ¸fɳɑʤɑ∫ ʃtɶɑ∫tɶtsнΘɑ∏ tsнɑʤstɶtsнɑʤʔ ɑ∫, ɑʤΘtsʙtstɶtsls, Θʃʤsɑ∫ʃtɶΘlsɑ∫ʷ, ʝ¸fɳɑʤɑ∫ ʃtɶɑ∫tɶtsнΘ
ʃtɶtslsɑ∫ɘtsʃtsɑʤsʞ ɑʤΘ ʕ lstsʔ fɳɑ∫ɑʒʃΘlsɑ∫ʝ¸ʔ ɑ∫ Θʃʤsɑ∫ʃtɶΘlsɑ∫ʝ¸ʔ tsʙlzfɳɑʤsɘɑʤɑ∫ɘGʝ¸lsfɲʷ ʃtsfɳstsʷɑʤɑʤsʝ¸ ɠΘɑʤɑʒʃsɑʤɑ∫ʮ¸fʃʒtsʝ¸
нɘɑ∫ʞ¸ʝ¸ɑʤɑ∫ʝ¸ ɑʒʝ¸ʞ нlz ɑʝ¸ʙtsɑʒɑ∫ ʟʝ¸ɑʒʃʒʝ¸ʔ. ʉɑ∫ɑʒʃΘlsɑ∫ʷ нlz∏tsɘ ð ɻlsts ɑʒΘɠɑʝlsɑ∫ʟɑʒ ∫ ɑʒfɲtsʝ¸нɑ∫ɑʒʷʝ¸ls ɘfɲʝ¸ ɑ∫
нʝ¸ʔfɳstsɘlzʝ¸ls ɑʤΘʙtsɑʒʰ tsɑʒtɶΘfɳfɳstsʷɑʤɑ∫ɑ∫. ⟘ʝ¸fɲ ɑʒʃ[tɶʝ¸ɑʒʃzʃtsнʮɑ∫ɑʒʷʝ¸lsfɲʷ, lsΘʕ

ſ dztslsʳ fŋ§Odzʃtɑſuqſdkz, tsls§tslststɑtsʔ LO∋qſfɳʃlsfɳʃdkOdʒO☾dɑʃlsO↴ ts jˌ☾ts dʒdjɬ dɑʃᵍ , tsdɑOLO§tdz uʃO¸lsfʷ ə qſfɳʃlzfŋ§Odɑʃqſ dʒO☾dɑʃlsdz ¬ dkzujʔ (Fludd, 1638).

ſ HdɑOqſL qſLdz Bdjɬ dɑkz ¬ qſHjʔ ʌ dɑOHOð dʒzLʳ §Ofʃʷjˌtɑ, LOqſdʒfŋ§∋tə∋Odɑkɑʷ qſdʒlz ʃqſʷO☾tstɑjʔujə,ð ərLə∋dɑOjˌ☾ts ʃtsdjɬ dʒq§§lz fŋ§ˌjʃqjɬtɑtsdʒ ʌ qſdɑtsfɳtsʷ ɻˌO☾fŋʃjdɑ∋qſ dɑOʃqſfɳʃOdz§tdz, dɑOʃtɑ∋djɬ dɑkdzᵍ ʃtɑtslsqſə ʌ dɑO∋HO☾ſ jˌtɑ☾fŋjdɑkz☾fɳtsuqſdɑqſdz§ djɬʔ ʃtɑjˌHqſfɳʃdtə∋qſjˌ. ɹ fɳʃtsjˌdʒlstɑdzHjˌ çſ jˌlsO☾ʷqſLqſuʃfŋ§Oʸ, ʷqſLqſuʃfŋ§Oʸ qſ lsjˌ¬dɑʃuʃfŋ§Oʸ qſfɳʃststɑqſʷ dʒO§tɑts§tsfɳʃdʒOqſ dʒq§tɑts§tsfɳʃdʒOè (1636) ʌ dɑO∋H ərfŋ§OLʳ ə☾jlsfʷ ə lstsdʒfɳʃdʒʳ fɳʃdjɬ, uʃlsts HdzʸS§O↴HtsO☾ts ʃtsHdkzdɑkɑtsO☾ts lsjˌdɑOˌjˌfŋʃsᵘ tsfɳʃsBO∨ Lə¸LHOqſdɑʃ fɳʃˌjlsqſdɑts. ɾ dzʸ dʒO☾dɑʃlsOlsO§qſdʒ fɳʃˌjlsqſdɑtsdʒfɳʃdkz↴qſls↴ tsdzʸtɑdɑO∨ Lə¸LHO∋ɔtsuʃdɑts lsO§↴ xˌjˌ fŋʃzʰ ˌjˌfŋʃ∋lzˌjlsLə¸LHOqſ Hdzʸ dz Hˌjʔ, §tslststɑʳ ˌj tsHO☾jɬˌdz dʒO☾dɑʃjlsqſuˌjfŋ§tsʔ fɳʃqſdɑtsʔ, ʷ∋dzʸʷfŋ dʒq§tɑts§tsfɳʃdʒtsdʒ qſdɑʃ dʒO☾dz dʒdʒqſtɑtsdʒ ʌ dɑO∋H dɑkOLʳ ə☾jlsjˌj magnetica virtus micro-cosmica. §lsOfɳʃqſdɑO∋dʒO☾dɑtsɑ☾ts dʒq§tɑO∨tʃtsHuʃqſdjɬdɑkOlsjˌdʒ↴jˌ LO§tsdɑO∋dʒ uʃlsts fɳʃqſdɑO Btsdzʰtsɑtsː lz uˌjˌdɑtsə¸j§O¸jˌfŋʃsᵘ fɳʃtsqſ tʃtsdzʳ fŋ , §O§ lz Lˌjˌdʒqſdɑʃ fɳʃtsqſ ə¸jlstɑʳ , tʃtɑtslsqſə∋dzˌjˌqſdɑʃ BdɑO☾tstʃtɑqʷlsdzˌj . ʂ tɑtsdʒjˌ tʃtsdzʳ fɳʃtsə ə uˌjˌdɑtsə¸j§ˌjˌ djɬtʃtɑjˌtɑʳ ə∋dɑs Hˌjʔfŋʃsə∋lzᵍ ls Hə∋Odɑ☾uˌO∋dɑO☾ ə∋LO∋qſdʒdɑtsˌjˌdʒz tʃtsdʒtsGO∨ ʰ qſjˌ ə tʃtsHHˌjˌtɑ↴O∋dɑkɑqſ fɳʃtsBtsHʳ qſ GO∋dɑʃdʒtsdɑkɑqſ uʃO☾fŋʃsjˌʔ tstɑGO∋dɑkɑ§qſLdʒO☾qſ tɑO∋Ldɑqſuʃdzˌʔ ¬ jˌ☾ts tslstʃtɑO∋djɬdɑkɑʃʔ. ʂ tsG☾HO☾tʃtɑqſ fɳʃBdɑqſ↴jˌjˌdɑkɑʃqſ Hə∋lz¬ dɑkɑʃuˌtʃtsfŋʃ dɑO☾jˌdʒʳ jˌ qſdʒqſ dzzuʃqſ qſdɑkɑʃ qſ¬ qſfɳʃsjˌuˌjdɑkɑʃʷ (ʷʷdzˌ qſHʳ) ə∋LO∋qſdʒdɑtstslslsO∋dɑ☾qſə∋Oʸ lsfʷ, tʃtɑtsqſfŋ§tsHqſls O∋dɑtsqſtʃO∋lsqſʷ, dʒO☾dɑjɬlsqſLdʒqſdʒjˌjlstslstɑqſuʃO☾sjˌdzˌdzʔ ¬O∋tɑO§lsjˌtɑ☺jˌfɳʃdzqſ ↴jˌ ʷʷdzˌ qſHʳ tʃtɑqſlsʷGʃqſə∋Oʸ lsfʷ HtɑzGʃ§ HtɑzGʃlz, dʒO☾dɑjɬlsqſLdʒtʃtsdɑtsɑ↴qſlsjˌdzˌdzʔ. ʀ lsO§, dzˌ Hqſ tʃtɑqſ fɳʃBdɑqſ↴jˌjˌdɑkɑʃqſ tsʃ§O∋Lʳ ə∋Oʸ ls HtɑzGʃ dɑ☾OHtɑzGʃO∋LO∋qſdʒdɑtsjˌ ə∋dɑqʷdɑkɑʃj : tʃtɑqſlsʷ↴jˌjˌdɑkɑʃjˌ qſdɑqſ tslslsO∋dɑ☾qſə∋O∋dɑkɑʃjˌ ð ə LO∋qſfɳʃqſdʒtsfɳʃsqſ tslslstsGʃts, §O§tsʔ dʒO☾dɑjɬlsqſLdʒHjˌʔfŋʃ∋lzˌjlsdʒjˌ↴Hlzˌdɑkɑʃqſdʒʃqſ ð tʃtsdɑtsɑ↴qſlsjˌdzˌdzʔ qſdɑqſ tslstɑqſuʃO☾sjˌdzˌdzʔ. ʀ ə∋fŋjˌ ətsLHjˌʔfŋʃ∋qſʷ, §O§ ʷʷqſLqſuʃfŋ§qſjˌ, lsO§ qſ Hlzʰjˌədzˌjˌ, tʃjˌtɑjˌHO∨ lsfʷ HtɑzGʃ HtɑzGʃlz. ɹ ts↓ lstsdjɬ tʃtɑqſdɑkɑʃtʃlzˌtʃjˌtɑjˌHO∨ lsfʷ djɬ lstsdz§ts BtsdjɬLdɑkɑʃ, dɑts qſ dɑkɑO∋fŋʃ∋jˌdɑkɑzˌjˌ uʃz∋fŋʃ∋O ʌ dɑO∋H tɑO∋Ldɑkɑʃuʃ☾Odz☾O☾djɬlsqſLdʒHlz¬ts∋dzˌʔ, qſdɑqſ dʒstɑO☾dzˌdzʔ, qſ dʒO☾djɬlsqſLdʒ lsjˌdjɬfɳʃzˌʔ. ʃ dzˌtʃtɑqſtʃqſfŋ ə☾dzlsO§↴jˌ dʒO☾djɬlsqſLdʒ↴jˌə☾tslsdz dʒ tɑO☾fŋʃjˌdɑkɑʃʷdʒqſ Hə☾jˌ dʒqſdjɬtɑO☾dzO☾dʒqſ fɳʃuqſlsO☾dz, uʃlsts fɳʃtsʔfŋʃ∋ts, tʃtɑqſfŋzʰ ˌjˌ djɬtɑls∋tsʔ dʒO☾lsjˌtɑqſq, lsjˌdʒBtsdjɬˌj Htsdz↴ dɑts ¬O∋tɑO§lsjˌtɑqſLts∋O☾lsᵘ dʒO☾lsjˌtɑqſᵍ tsHlzʰ ˌj∋djɬdɑkɑʃᵍ .

ɹ tsfɳʃdjɬ tʃtsʷ∋djɬdɑkɑʃʷ §dɑkɑʃqʳ ʌ dɑO∋HO☾dɑO☾dɑkɑʃ¬ tɑʳ ʷdɑts tsBtɑzʰ qſdɑfŋʸ djɬdʒjɬ uˌ ɸ lsO☾dɑ☾fɳʃqſlzfŋʃ§ qſtɑ¬ˌjtɑ (Kircher), LO∨∋qſ∋ʰ qſʔ, uʃlsts tʃtsHtsBdzˌj fɳʃsuqſdjɬdɑkɑʃʷ dʒtsGʃdɑʃ ərʔlsqſ lstsdz§ts qſL-tʃtsH tʃjˌtɑO☾fŋʃO☾dʒtsGʃts Hʳʷ∋tsdɑO☾ ɻˌjˌLO☾zttɑʷHdzˌʔ lzuˌjdzˌʔ §ˌ qſtɑ¬ˌjtɑtɑsHqſdɑfŋʸ 2 dʒO∨ 1602 GʃtsHO∋ ɻˌjʔ-

[illegible] 1618 [illegible]

[illegible] (Museum Kircheri anum). [illegible]

[illegible] (1637), [illegible] «Ars magna lucis et umbrae» [illegible] 1646 [illegible] 1671 [illegible] («Mundus subterraneus», 1664) [illegible] (1638) [illegible]

[illegible] («Magnes sive de arte magnetica tripartitum», Kiiln, 1634) [illegible] (Kircher, 1634).

[illegible]

ʷəɑɻɑʃɻ experimerttum mirabile, ɯlstsəʇʃɻtɕɻətsʜɻ fɳɑɑOls ɑɑʃ tsʟɑɑOɯ(ɻls çɯlzʜɻfɳɑz ʔ tstʃʳ lsè. ɻI ʕɑɑʃɑɻ çɻI ɻ ɑɑʃʕtsɻ ɑʃfɳʕlzfɳfɳsəts fɳəɻlsOɑʃ lsᵍ ɑʒʳ è (1646) tsɑzstʃɑʃfɳ əO(ɻls, ʕOʕ tʃɻtɕɻəɻtɑɑzɑzʕlztɑʃɯlz ɑɑOfɳtʃɑʃɑzz ɑʃ tʃtɑtsəɻ ɑzɑɻzʒɻ ɑɑsɑʒ ɑɑʃɑʃᵡ ɑɑOfɳjstsɑɻ tʃɻtɕɻʜ ɻɻ ɢɑɑOʟOɑʒʃ, tʃtsfɳɑɻɻ ɯɻɕts tsɑɑOtʃɻtɕɻ fɳjsOɑɑOʜəɑʃɢOlsᵍ fɳʷ ɑʃ ʟOɑʒɻtɑɑOɻ ʃ fɳjsʙʳ ʔ ɑʃɑɑsɻtɕɻ fɳʃtɕɻʜfɳjsOəɑʷᵡ lsʜəOɑʒsɑʒɻɑɑsOə fɳjsɯʃɑɻɻɑɑʃɑ ʂ ɑtɕ⊐ɻtɑz tʃtɑʃɑɑOʜɑɻɻʞ ɑʃlsʟɢfɳɑzzɢOəəɻʜɻɑɑʃʷ lsɻtɑɑʒʃɑɑO çʞ ɑʃətslsɑzʔ ɑʒOɢɑɻlsɑʃʟɑʒè, ʜts lstsɢts ɑɑʃʕɻɑʒɑɻɻ ɑzʃɻlstɕɻʙɑzʷəʰ ɑʃʔfɳʸ. ʕ lsts fɳɻɢts ɑɻɢʕtsʔ tɑzʕɑʃʙʳ ɑɑO tʃɻtɕɻɑʃɻɑɑsəOɑɑOə ʞ ɑʃətslsɑzʔ ɑʒOɢɑɻlsɑʃʟɑʒfɳɑʃɑɑO ʕtslstsɑOʸ ə ʜtɕɻʜɑɑʃɻ əɻʕOɑɑʟʳ əOɑɑGfɳ çʞ ɑʃʟɑɻɑɻɑɑz ɑʒ ʜzⵎtsɑè, çʞ ɑʃəʳ ɑʒɑʒOɢɑɻlsɑʃʟɑʒtsɑè. ɻI ɬlstsʔ tɕɻʜOʕɯɑʃɑʃ tsɑɑOɑʃ tsfɳjsOɑɑOfɳ ə ɑʃfɳjstsɑɑʃɑʃ. ɻI lstsɑɑtsʔ ð ɑʃfɳjtsɑzʟtsəOɑɑʃɻ ʂ ɑtɕ⊐ɻtɑɑtsɑʒɑʒzʟʳ ʕɑʃ. ʃ ɑzɑɻɻ lstsɑzʕts fɳɯʃlsOɑzɑʒzʟʳ ʕlz ɑʒtsɢlzʰ ɻ fɳjsəɻ ɑɑzz ɑʒ fɳɕɻʜfɳjsətsʒ ətsʟʙlzʞ ʜɻ ɑɑʃʷ ʜzʰ ɑʃ, ɑɑs ɑʃ ʜtsətsɑzɑɑs lstsɯɑɑs tɑOʟɢtɑOɑɑʃɯʃɑəOɑzʜɻʔ fɳjsəɑʃɻ tslsʜɻɑzɑz ⊐ ɑʃɑɑfɳjstɑzɑʒɻɑɑstsə tʃts tslsɑɑsʰ ɻɑɑʃᵡ ɑʃʕtɑOʟɑɑʃɯɑzz ɑʒfɳjstɑOfɳjsʷɑʒʞ tɑʃʲ lstsɑʒtsɑzʃtɑʃʜOəOɑztsfɳtsʙtsɻ ʟɑɑOɯɻɑɑʃɻ ɢOɑɑʒsɑɑʃʕɻ (Kircher, 1667). ʕ lsts tsʙfɳjstsʷlsɻɑzfɳjsəts ʟGfɳɑzzʞ ɑəO(ɻls əɑɑʃɑʒOɑɑʃʷ əəɑʃʜlz tʃtɕɻʜtʃtsɯlsɻɑɑʃʷ ʲ lstsɢts ɑɑɑɳjstɑzɑʒɻɑɑsOʃ ɻ fɳɻʒɻtɑɑsɑʒ ʃ lzʰ Oʂ ɑtɕ⊐ɻtɑOlzʃtsʕtsɑɑOɑɑʃ 30 tsʕlsʷʙtɕʷ 1680 ɢtsʜO ʞ tsʟʜɑɑɻɻ ʰ tslsɑOɑɑɯɻ ɯ ʊ ɑɑzʷɑʒʃ Oʕfɳzʲ ɑzz, ətɑOɯOɑɑɢɑɑʔfɳʕtsɢts ʕtstɑtsɑzʸ ʂ Oɑɑɑ(I, ətsfɳʃtɑɑʃɑzʷəʰ ɑʔ ɑʃʜɻɑʃ tʃOɑɑOɯɻɑzfɳjsəfɳʕtsʔ ʰ ʕtsɑz , ə fɳjsɯɑʃɑɻɑɑɑʃɑ çʃ OɢɑɻlsɑʃɯɻfɳʕOʸ ɑʒɻʜɑʃɯɑʃɑɑzè (1679) fɳjsfɳjsOəɑʃɑzɯɻɑzᵡ ʜtsʕlstɑɑʃɑzz ɑʟ əfɳɻ⊐ lzɑʒsʟtɕɻɑɑɑʃʔ ɑʒOɢɑɻlsɑʃɯɻfɳʕtsʔ ɑʒɻʜɑʃɯɑʃɑz , tʃtsɑzɢOʸ, ɯlstsɬsOʕɑʃɑʒtsʙtɕOɻtsɑʒɑʃʟəɑɻʕ ɑʃʟ ⊐OɬsfɳjOɑɢOlzʕlz, fɳjʕtslstsɑtsʔ fɳəʷʟʳ əOɑzʙlzʜlzʰ ɑʃɻ lzfɳjɻ⊐ɑʃ ətɑOɯɻʙɑztsɢts ɑʃfɳʕlzfɳfɳsəO ɻI ɻ ɢts lsɻtstɑʃɑʃ ɑʒOɢɑɻlsɑʃɯɻfɳʕtsɢts ətɑOɯɻəOɑzɑʃʷ, Oɑzɯʰ ɻ fɳʕOɻOɬsᵍ ð ɑʒʃʷʷtsɑzsɢɑʃɯɻfɳʕtsʔ ɑʒɻʜɑʃɯɑʃɑz , tɑOɻəɑʃəO⊐ɻsfɳjʷ fɳɑɻʜlzᵡ ʱ ɻɻ tʃtsɑzsʞɻɑɑʃɻ : çʀ ʟ ʕOʞ ʜtsɢts lsɻɑOɑʃfɳ⊐tsʜʷlsɑzɯɑʃ, tsʙɑOʜOʸ ʱ ɑʃɻ ʞ ɑʃʟɑɻɑɑɑʃɑ ɑʒʜlz⊐tsɑʒ tʃtsfɳɑɻɻʜfɳjsətsɑʒʕtslstsɑtsɢts ʜlzʰ Oʇtɕɑtsʷəɑzɻlsfɳjs tsɻɻʔfɳjsəɑʃɻ . ʂ lsts tʃtɑʃ tʃtsɑʒtsʱ ɑʃəfɳɻtsʙʱ ɻɢts ʜlz⊐Olzɑʒɻɻls əɑɑʃʷlsᵍ ɑɑOɑzᵡ ʜɻʔ, lstslsɑʒtsʞɻɻls ɑʃfɳɯɻɑzʷlsᵍ ɑʃ⊐ ɑɑOʟɑɑOɯɑʃlsɻɑzɻɑɑsɻɑɑʃɑʒtɑGfɳjstsʷɑɑʃɑʃè. ɻI tsʟɑɑʃʕɑɑsəɻɑɑʃɻɻ ʙtsɑɻʟɑɑʃ tsɑzɑtsʙʲ ʷfɳɑzʷɑzʕtsɑɑʃɯɻfɳjsətsʒʲ lstsɢts ʜlz⊐O(ɑʒɻɑzʰ ɻ ʜlz⊐Oð ʙtsɑzʰ ɻ ʙtsɑɻʟɑɻʔ). ʀ ʟ lsɻtstɑʃɑʃ fɳɑɻʜlzɻ ls, ɯlsts lzɑɑəɻtɑfɳOɑzɑzz ɑʒfɳjɻʜfɳjsətsʒʙʳ lsᵍ ʟHstɑtsəʳ ɑʒʷəɑzʷɻsfɳʸ lzfɳʃɑɻɑɑɑʃɻ ʞ ɑʃʟɑɻɑɻɑɑzɑɢts ʜlz⊐O ʏ Oɑɑᵍ ʞ ɑʃʟɑɻɑɻɑɑzɑɢts ʜlz⊐O fɳɯʃlsOɑzʃ Oʕfɳzʲ ɑzz, fɳjsʜɻtɕʞ ɑʃlsɑʃʷ ə ʲʕfɳʕtɕɻɑʒɻɑɑsO⊐, ʕtslstsɑʳ ɻ fɳʃtsɑɑfɳjsʙdzəɑɑʃʷ lsᵍ ɑɑOʜtɑzɢɑʃ⊐ ɑzz ʜɻʔ ɑ ɑʃʟɑɻɑɻɯʃəOᵍ ʙtsɑɻʟɑɑʃ (ɸ ʙfɳzɑɻʜɑzz ɻ ʃtɕɻʜfɳjsOəɻɑɑʃʷ ts ɯɻɑzʃlsɻɑz ɑɑsʔ

Philosopfia reconditaè

∫ ɑ[⊓Ⓞɑ[ɗzz␡ ts?ʷʷj ls

ʇʃtɐ⨽ɔtɐⒸᵑ Ⓞls¹ fɲʸ ɔ ɑ[fɲɟstsɥɑɗɑ⨽[ʕ ʇʃtsɗɟ⨽ʟɗɑs? ɑ[ɗɑ⁂tstɐɗʒⓄɥɑ[ɑ[, fɲɟsɥɲ⨽lsⓄʸfɲ ⨽zfɲɑɗɑsɔɗɑs fɲʜtɐɗzɠtsʔ ɑ[ɗɑ⁂tstɐɗʒⓄɥɑ[ɲ⨽?,
ʇʃtsɗɗzɥɲ⨽ɗɑɗɑs? fɲʃʇtsɗɑʒsʰ ɻᵡ tstɐɠⓄɗɑsɔ ɥɗzɔfɲɟsɔ. ɻ tsʕⓄ⨽ʰ ɲ⨽ ɗɑ⨽ fɲɟsɔfɲ⨽ɗʒʷfɲɑɗs, ʕⒾ⁂tsʔ tstɐɠⓄɗzɥɲ⨽ɗɑsɔ⨽ʕⓄ
fɲʃtsfɲɟsʙ⨽ɗzɗɑⒾɔɗɑɗɑ[ɔⒾlsᵑ lsⒾ⁂tsɲ ʇʃtsɗ⨽. ʕ lsts ʕⒾfɲⒾ⨽lsfɲʸ ɑ[ᵡ ɑ[ɔtslsɗz ⊓, ʕtslststɐʳ ɲ⨽, ʕⒾ⁂ ɑ[ʟɔ⨽ fɲɟsɗɑs, ʜɗzʷ
tstɐɑ[ɲ⨽ɗɑsⓄɥɑ[ɑ[ɑ[fɲʃtsɗzʟɀᵡ ls ɗʒⓄⒾɗɑ⨽[lsɗɑsɲ⨽ ʇʃtsɗɲ⨽ ɻ⨽ ɗʒɗɑz. ʃ ʳ ɲʰ⨽ ɗɲ⨽ ʟɗɑⒾ⨽ ɗʒ ʕⒾ⁂tsɔ ɗʒ⨽⊓Ⓞɑ⨽[ʟɗʒ
ɔtsfɲʃtɐ[ʷlsɑ[ʷ ɑ[ʟɗʒ⨽ɗɲɑɗɑ[? ɔ tsʕtɑzᵡⓄᵑ ʰ ɲ⨽? fɲɟɲ⨽ʜɲ⨽ ⨽zɐʳ в, ɑ[fɲʃtsɗzʟɀᵡ ʰ ɑ[⊓ ɻ ɗɲ⨽ʕlstɐɑ[ɥɲ⨽ fɲʃⒾɑ[⨽ fɲʃⒾɠɗɑⓄɗz .
ʃ ʜɗɑⒾ⁂tsɻ lsts ɗɲ⨽ ɗʒ⨽ʰ Ⓒ⨽ls ɗɑⓄɗ⨽ʒʇtɑ[ʟɗɑⓄls¹, ɥlstsɻ lsɑ[ʜɔⓄɔɑ[ʜⓄᵘ ɗɲ⨽ tɠⒾɑ[ɑ[ʷɔɗzᵂᵡ lsfɲʸ ʜɗzʷ ɗɑ⨽⊓ ɑ[fɲɟsɥɑ⨽[ɥɲ⨽tsɗʒ
ɑ[ɗɑ⁂tstɐɑ[ɥɲ⨽ɑ[.

ɭ ɲ⨽ʕtslststɐtsɲ⨽ ɔtɐ⨽ɗʒʷ ɗɑⓄⓄⓄʜ ʇʃtsʷɔɑ[ɗɑⒾⒾfɲ ɗɲ⨽ʜɑ[ɥɑ[ɗɑ⨽ɑ[ɗɑⓄð ɗʒⓄⒾɗɑ⨽[lsɥtslsɲ⨽tɐⓄɲ⨽ɑ[ʷ. ɭ Ⓘfɲɟsɥtsʷʰ ɑ[ʔ
вɭzɗʒʇtɐtsɑ[ʟɔ⨽ ɗɑ⨽[ɑ[ʒⓄⒾɗɑ⨽[lsɗz ɲ⨽ вtɐⒾfɲɠɭlsʳ , ɑ[⊓ tɐ⨽ʕtsɗɲ⨽ ɗɑʜtsɔⓄɗɑ[ʇʃtɐɑ[ɗɲ⨽ ɗzʷlsᵘ ʇʃtɐɑ[ɔʳ fɲɟʕtsɗʒ
Ⓞɗlsɲ⨽ tɐɑ[Ⓞɗz ɗɑsɗʒʜⓄɔɗɲ⨽ɑ[ɑ[. ɭ ʇ tsfɲɠɑ[ɑ[ɔ 70-ɲ⨽ ɠtsʜʳ вʳ ɗzʇtɐⓄʟtɐⓄɔtslsⓄɗzɗɑsɔʳ ʔ ɗʒ⨽lstsʜ ɗʒⓄⒾɗɑ⨽[lsɥtslsɲ⨽tɐⓄɲ⨽ɑ[ɑ[
ð ɗʒⓄⒾɗɑ⨽[lsɥtsʷ tstɐʳ . ʕ lsts ʇʃtsfɲɟsɥtsʷ ɗɑɗz ɲ⨽ ɗʒⓄⒾɗɑ⨽[lsʳ tstʃtɐ⨽ʜɲ⨽ ɗɲ⨽ɗɑsɗɑs? ɔɲ⨽ ɗɑ[ɥɑ[ɗz , ɑ[⊓ ʕɗⓄʜʟzlsɗⓄɗʒ⨽ fɲɟsɥts
ɗɑsʕⓄɗɑ[ʟⓄɥɑ[ɑ[вtsɗɑ[(ɗⓄɲ⨽ʃtɑ[ɗʒ⨽tɐ, ɔ fɲɟzfɲɟsⓄɔⓄ⊓) ɑ[ɗɑsfɲʸlsɔ ls⨽ ɥɲ⨽ɗɑ[⨽ ɗɲ⨽ fɲɟ⨽tsɗzʕɑ[⊓ ɗɲ⨽ʜɲ⨽ɗz . ɭ ɲ⨽ʜⓄɔɗɑs
ʷʇʃtsɗzɲɟʕɑ[⨽ ɲzɥɲ⨽ɗz ɲ⨽ ʇʃtɐ⨽ʜɗɑsᵡɑ[ɑ[ɗɑ⨽ɑ[-ɗʒⓄⒾɗɑ⨽[lsʳ ɗⓄʇʃɗⓄɑ[fɲɟsʳ tɐ⨽ ts⁂tsɗɑs 1 fɲɟʒɔ ʜɑ[Ⓞɗʒ⨽lstɐ⨽ fɲfɲɟ[ɗɑsʔ
ɑ[ɗɑɀzʕɥɑ[ɑ[500 ɠⓄzfɲɟɑsɔ (ʇʃtɐɑ[ɗʒ⨽tɐɗɑsɔ 1000 tɐⓄʟ fɲɟ[ɗz ɗɲ⨽ɲ⨽ ɗʒⓄⒾɗɑ⨽[lsɗɑsɠtsʇʃtsɗʷ ɻ⨽ɲ⨽ ɗʒɗɑz[).
ɭ ʇʃtsfɲɟɲ⨽ʜɗɑ⨽[ɲ⨽ ɠtsʜʳ ɔtsɔfɲɟɗʒɗʒ⨽tɐ⨽ ɑ[fɲʃtsɗzʟɀᵡ lsfɲʸ ɻɗɲ⨽ʕlstɐtsɗⓄⒾɗɑ⨽[lsɗz ɲ⨽ ⓄʃʇⓄɐⓄlsʳ , fɲɟsʟʜⓄᵑ ʰ ɑ[⊓
ʇʃtsfɲɟsɥtsʷɗɑɗɑsɲ⨽ ɗʒⓄⒾɗɑ⨽[lsɗɑsɲ⨽ ʇʃtsɗɲ⨽ ɗⓄʃʇtɐʷᵡ ɲ⨽ɗɑ⨽ɑ[ɲ⨽ɗɑsfɲɟsᵘ ᵡ 300ð 600 ɻ tɐfɲɟsɲ⨽ʜ (1 ɻ tɐfɲɟsɲ⨽ʜ ʇʃtɐ⨽ɑ[ʙɗɑ⨽[ʟɑ[lsɲ⨽ɗz ɗɑsɗɑ⨽
tɐⓄ⊘ɲ⨽ɗz80 ϕ /ɗʒ lsts ɲ⨽ fɲɟsᵘ tsɗɑ⨽ ɔ 1200ð 2400 tɐⓄʟ fɲɟ[ɗz ɗɲ⨽ɲ⨽ ɗʒⓄⒾɗɑ⨽[lsɗɑsɗɑsɠtsʇʃtsɗʷ ɻ⨽ɲ⨽ ɗʒɗɑz[). ɻ tsʜ ɥɲ⨽ʔ fɲɟsɔɑ[ɲ⨽ɗʒ
ɻ lstsɠtsⓄʃʇⓄɐⓄlsⓄʙtsɗɑ[, ʜⓄᵡ⨽ ɲ⨽ ⊓tɐtsɗɑ⨽[ɥɲ⨽ fɲʕɑ[⨽, tsfɲɟⓄʙɲ⨽ɔⓄᵑ ls.ʉ ɥɑ[lsⒾ⨽lsfɲʸ, ɥlstsʜⓄɗɑɗz ʔ ⓄʃʇⓄɐⓄls
ʜɲ⨽ʔ fɲɟsɔlzɲ⨽ls ʇʃtsⓄlsɑ[ʇʃlzɗʒⓄⒾɗɑ⨽[lsɥtsⒾɑ[ʜɗɑⓄɗʒ⨽[ɥɲ⨽ fɲʕtsⒾtsɻ ʷʷʷ⨽ʕlsⓄ lsts⨽ fɲɟsⒾtsɗɑ⨽ ɑ[⊓ɑ[ɗʒ⨽ɗz ɗʒ⨽ɗɲ⨽ʕlzɗz Ⓞᵘ lsts tsʕⓄʳ ɔⒾ⨽lsɔɗɑ[ʷɗɑ⨽[ɲ⨽ ɗⓄʇʃtɐtslsɲ⨽ʕⓄɗɑ⨽[ɲ⨽ вɑ[ts⊓ɑ[ɗʒ⨽[ɥɲ⨽ fɲʕɑ[⊓ ɑ[ɗɲ⨽tɐɔɗz ⊓
ʇʃtɐtsɥɲ⨽ fɲɟɲ⨽sɔ.

ɭ ⓄfɲɟsɥtɐⓄɗɑ⨽[ɥⓄ⊓ lzɔⓄɻ Ⓒ⨽ɗʒʳ ⊓ ɗɑⒾⒾzɥɑɗz ⊓ ᵡ ɻzɥtɐɗɑⓄɗɑsɔ, lsⒾ⁂ɑ[⊓ ʕⒾ⁂ ç∫ Ⓞɗɑzɲ⨽ɥlsè, çɭ ɲ⨽ʔ tɐtsɗɑsʜᵡ ɑ[ɔè ɑ[
çʜⓄʔ⨽ ɗɑfɲɟè, ɔ ʇʃtsfɲɠɲ⨽ʜɗɲ⨽ ɔtɐ⨽ɗʒᵂ ʇʃtsʷɔɗzᵂᵡ lsfɲʸ lzlsɔ⨽tɐᵡ ʜ⨽ɗɑ⨽[ʷ, ɥlstsfɲɟsɑ[ɗʒzɗzᵂɥɑ[ʷ ɗʒsʟɠⓄɗʒⓄⒾɗɑ⨽[lsɗz ɗʒ
ʇʃtsɗɲ⨽ɗʒɗɲ⨽ lstsɗzʕtsʇʃtsɗʒsɠⒾ⨽lsɗɲ⨽ɥɑ[lsᵘ ɗɲ⨽ʕtslststɐʳ ɲ⨽ ʇʃfɲɟ⊓ɑ[ɥɲ⨽ fɲʃⒾɑ[⨽ вtsɗɲ⨽ʟɗɑ[, ɗɑsɑ[ɥzɗɑzɥʰ Ⓒ⨽ls tɐ⨽ⓄⒾɥɑ[ᵡ ,
fɲɟsɥtsfɲɟsʙɗɑsfɲɟsᵘ ʕ tsʙlzɥ⨽ɗɑ[ᵡ ɑ[ɗɑsɠɑ[ɥ⨽ fɲʃtsɗʒz ɗʒ ʰ ɗɲ⨽ɗɑ[ᵡ . ʃ ɗɑsɠtsɥɑ[fɲɟɲ⨽ɗɑɀz ɲ⨽ ʕɗɑ[ɗɑ⨽[ɥ⨽ fɲʃⒾɑ[⨽
ɑ[fɲɟʳ lsⓄɗɑ⨽[ʷ ɔ ɥᵡ z␡ ϕ ɑ[ʂ ⓄɗⓄɲ⨽ ʜtsʕⓄʟⓄɗɑ[, ɥlstsɗɲ⨽ʇʃtsfɲɠɲ⨽ʜfɲɟsɔɲ⨽ɗɑɀzⓄᵘ ɗʒⓄⒾɗɑ⨽[lsɗzⓄᵘ fɲɟsɑ[ɗʒzɗzᵂɥɑ[ʷ ɗʒsʟɠⓄ
(rTMS) fɲɟɗɑ[ɗʒⒾ⨽lsɲ⨽ʇʃtɐ⨽ fɲfɲɟ[ᵡ ʟzʇⓄɥɑ[ɲ⨽ɗɑsɔ, ɗɲ⨽ ʇʃtsʜʜⓄᵑ ʰ ɑ[⊓fɲʸ ʜtɐɗzⒾɑ[ɗʒɔɑ[ʜⓄɗʒ⨽lsɲ⨽tɐⓄʃɑ[ɑ[. ɭ ɲ⨽ fɲʕtsɗzʕtsʕɗɑ[ɗɑ⨽[ɥɲ⨽ fɲʕɑ[⊓

ɑ¸ ʏɑ∫ɑzʙtsɑ²ɑz¸ ∏ ϰ ɑ∫ɘtslsɑ²ɑ ɑʒɑʒ⊙ɑ¸ɑ¸ lsɑ∫ʟɑʒsɑʒ ⌈ tsɑɑtstɑz⅓ɑ?ɑ fɳtstsʙʰ ⊙¸ls, ʏɬststɑ¸ɘɑɑsfɳsɑ²ɑ¸ ʲ ʧtsʜtɑ⊙ϰ⊙ls¸ɑɑ∫ ∫ ʲ fɳɑʒ¸tɑ⊙ɑɑ⊙ɑ⌈ lzfɳ∫ ð ʟɑɑ⊙ɑ¸ʒ¸ɑɑ∫ls ʲ ¸ ɑʒ⊙ɑ⊙ɑ¸ɑ¸ lsɑ∫ʟ¸tɑ ʐ¸ lstsʷ tɑ¸ɑ ɑ¸ʲ¸ɑz∫ ⌊¸ʲ tɑɑʒ⊙ɑzç ʏ¸ tɑ¸ʟ ʧɑ∫fɳɑʒ⊙ɑ∫ɑ¸ɑ∫ ɘɑɑ∫ʷɑɑ¸ʲ ɑɑ⊙ɑ¸ɑ¸ ⅓tslststɑ ∏ ʙtsɑz ɑz¸ ∏, ⅓tslststɑ ʲ ¸, ʧtsɑɑzʏɑ∫ɘ ʧtɑ∫⅓⊙ʟ, ɘʧ⊙ʜ⊙ɑz∫ ɘ ϰ ɑ∫ɘtslsɑ²ɑ¸ ?

ɑʒ⊙ɑ¸ɑ¸ lsɑ∫ʟɑʒè (⌈ tsɑɑtstɑz⅓ɑ?ɑ, 1844). ⅓ lstsfɳtstsʙʰ ʲ ¸ɑɑ∫ʲ ⌈ tsɑɑtstɑz⅓ɑtsɑts, ɑɑ⊙fɳtsɑz⅓ts ɑ∫ʟɘʲ fɳtsɑɑs, tsʜɑɑs ɑ∫ʟ ʧʲ ¸tɑɘʳ ∏ tsʧɑ∫fɳ⊙ɑɑ∫? ɘɑɑzʰ ʲ ¸ɑɑ∫ʷ ɑ⊙tɑ⊙fɳɳtsʷɑɑ∫ɑ∫ ʧtsfɳtɑ¸ʜfɳtsɘtsɑʒʧɑ∫fɳɑʒ⊙

⅔ ɑzʷʟᴵ ⌈ tsɑɑtstɑz⅓ɑ?ɑ tɑ⊙fɳɳ⊙ʟʳ ɘ⊙¸ls, ʏɬstsɑ⊙ʏ⊙ɑ lztɑʏɬɑ∫ɑɑsɘ⊙ʙʳ ɑ⊙⊙tsʜ⊙ɑ¸ɑɑ⊙¸ɑ¸ɑ⊙ɑ¸tsʙʳ ⅓ɑɑsɘ¸ɑɑɑzs?

fɳʧtsfɳtsʙɑɑsfɳtsᴵ ᵝ tsʏ⊙ɑtsɘʳ ɘ⊙tsᴵ, çtsɑ⊙¸ʜɘ⊙ɑ∫ ɑ¸ʲ ʧ¸tɑ⊙ʷ ɘ ɑʒ∫tɑ¸ʙʳ ɑ⊙⊙ʧtɑ∫tɑtsϰʜ¸ɑɑz¸ ɑʒ

ɑʒ⊙ɑ¸ɑ¸ lsɑ∫ʟ¸tɑtsɑʒè. ∫ ɑz⊙ʙʳ ɑzfɳɑ∫ʜ¸ lsɑ¸ɑ¸ɑʒ¸¸ tst∫ʳ lstsɘ ɘ ɑʒtsfɳ⅓tsɘfɳ⅓tsɑʒtslsʜ¸ɑ¸ɑ¸ɑ∫ ʜ⊙ɑ⊙ɑ⅔ls-ɿ ¸ lsɑ¸tɑʙlztɑ∏fɳ⅓ts?

ɑ¸ʜɑ∫⅓ts-∏ɑ∫tɑzztɑ∏ɑ∫ʏɑ¸ɑ¸fɳ⅓ts? ⅓⅓⊙ʜ¸ɑʒɑ∫ɑ∫, ∏ʜ¸ tslstsʜɑɑsɑ∏ts ¸¸ ɘʟ∏ɑ⊙ʷʜ⊙ʙtsɑz ɑz¸ ʲ ʧtɑ∫∏tsʜɑ∫ɑɑ∫ ɘ ʧtsɑɑɑsɑ¸

ʧtsʜʏɑ∫ɑ¸ɑ¸ɑ¸ɑ¸ . çr ⊙ɑ⅔ts,ð ∏tsɘtsɑ∫lstsɑɑz,ð ʏɬstsʧtɑ∫ɘfɳɑ¸? fɳɘtsɑ¸? fɳɳtsfɳtsʙɑɑsfɳɳsɑ∫ ɑʒɑ¸fɳɑʒ¸tɑtsɘ⊙ɑɑ∫ʷ tsɑ⊙

lzʧtslstɑ¸ʙɑ∫ɑ⊙ɘts ʟɑɑs fɳɘts? ʜ⊙ɑɑ, lsɑ¸ɑʒfɳ⊙ɑʒ ɑʒʧtɑ∫ɑɑzʜɑ∫ɑ⊙ɘtɑ⊙ʏɑ¸? ɑ∫ʧtɑ⊙ɘɑ∫lsɑ¸ɑz fɳɳsʟ⊙ʧtɑ¸lsɑ∫lsᴵ ¸? ʧtɑtsʜtsɑzʏ⊙lsᴵ fɳɘtsɑ∫ ʟ⊙ɑzʷlsɑ∫ʷè. (∫ ɑ⅔ʙɑ∫ɑ⊙ʧ⊙ɑ⅔⊙ʒɑ∫ ɑ∫ ɑʒtsɑɑslsⅇtsɑʒʧts fɳʧɑ∫ɑ⅔⊙ʒfɳɘtsɑ∫∏ ʙtsɑz ɑz¸ ∏.)

ɿ tsⅇɑɑsɑɑɑ∫ʏ⊙ʧ ¸ fɳɳɑʒ¸tɑ⊙ⅇɑzʷɑ∫ɑzʷ ⌈ ɘʜtsⅇɑ∫ʷ ʀ ɘ⊙ɑɑsɘɑ⊙ɿ tsɑɑ∫ʏʳ ɑ⊙ɘ ⅇɑ∫ɑ∫ɑ¸ ç L[1] Analyse de la Forceè

tsʧ∫ɑ∫fɳ ɘ⊙¸ls ʜ¸?fɳɘsɑ∫ʷ ɑʒ⊙ɑ¸ɑ¸ɑ¸ɑ¸ lsɑ∫ʟ¸tɑ⊙⌈ lz, ⅓tslststɑ¸ ? ɘ lsɑ¸ʏ¸ɑɑ∫¸ ɑ¸ɑ¸ fɳ⅓tsɑz⅓ɑ∏ ɑʒ∫ɑ∫ɑzls ʧtsɑ∏tɑzʏ⊙ɑzʧ⊙fɳɳ⊙ɑʒ∫

ʙtsɑz ɑz¸ ∏ ɘ ɑ∏ɑzʙts⅓ɑ∫? fɳtsɑz.

ʀ ɑɑ¸tɑ¸ fɳ⊙ⅇ⊙ʜ¸ ɑʒ∫⅓⊙ⅈ ¸ ɑɑ⊙ɑ⅔fɳ⅓tsɑ∏ts ⅓ ɘtsʧtɑtsfɳ⊙ɑz ʏ ɑ∫ɘtslsɑɑsɑ∏ts ɑʒ⊙ɑ¸ɑ¸ɑ¸ lsɑ∫ʟɑʒ⊙fɳtsɘʧ⊙ʜ⊙¸ls fɳɑ∫ɑɑsɑ¸tɑ¸ fɳ⊙ɑʒ∫

tsʧtɑ¸ʜ¸ɑ¸ɑ¸ɑ¸ɑɑtsɑ∏ts ⅓tɑzɑ⊙¸ɑ∏ts fɳtsɘtɑ¸ɑʒ¸ɑ¸ɑɑ∫⅓tsɘ. ɸ ɑɑ¸ɑ¸ɑ¸ɑ⅔tsɘ ʧ ɑ∫fɳ⊙ɑztsɿ lzʰ ⅓ɑ∫ɑ¸, ʏɬstsɬstslsɘ ʙ¸ fɳ¸ʜ¸ fɳ

⅓⊙ʟ⊙ɑzfɳ⅓ts? ʧtsᵘ lsɑ¸fɳɳtsɘ? ʌ lz⅓fɳ∏tsɘtstɑ∫ɑztsʟɑ⊙ʏ¸ɑ¸ɑ∫ɑ¸ ɑʒ⊙ɑ¸ɑ¸ɑ¸ lsɑ∫ʟɑʒ⊙, ⅓tslststɑtsɑ¸ʒ çɘ¸tɑ∫lsɘʧtsɑɑɑ¸è.

∫ tsʧtɑtsfɳ⊙ɑʒ∫ ϰ ɑ∫ɘtslsɑɑsɑ∏ts ɑʒ⊙ɑ¸ɑ¸ɑ¸ lsɑ∫ʟɑʒ⊙ʙʳ ɑɑ∫ lzɘɑ¸ʏ¸ɑz ɑ∫ʧ ɑ∫fɳ⊙ɑɑ∫ ts ɑ¸ɑ¸ɑʒ⅓tɑɑzʧɑz ¸ ʷ ɑ∫ɑɑsfɳtsʷʳ ɑ∫

ɑɑ∫lsɑ¸tɑ⊙lststɑʳ ð ∫ . ʌ . ∫ ʜtsɑ¸ɘfɳ⅓ɑ?, ∫ . ʀ . ʉ ¸ ɑ¸⅓tsɘfɳ⅓ɑ?, ∫ . ɸ . ɿ tsɑ¸ɘts? ɑ∫ ∫ . ʀ . ⌊ tɑ¸ʏ¸ ʏ. ∫ ⊙ʰ lzɑ¸ɑ¸ɘʰ ɑ?

ɘ 30-∏ ∏tsʜ⊙ⅈ XIX ɘ¸ ⅓⊙tɑtsɑʒ⊙ɑz⌊ tɑ¸ʏ⊙ç ʏ ¸ tɑɑ⊙ʸ ϰ ¸ ɑz⊙ʰ ɑ∫ɑ⅔è ⅓⊙fɳ⊙¸ lsfɳʷ ʟ⊙ɑ⊙ʜtsʏɑz ∏ ʷɘɑ¸ɑ¸ɑ∫?

ϰ ɑ∫ɘtslsɑɑsɑ∏ts ɑʒ⊙ɑ¸ɑ¸ɑ¸ lsɑ∫ʟɑʒ⊙ɘ lstsɑʒɘɑ∫ʜ¸ ɘ ⅓⊙ⅈ tsɑʒtsɑɑ∫ ʧtɑ¸ʜfɳɘ⊙ɑzʷɑɑ∫fɳ ¸ ∏tsɘtsɑ¸ɑ¸ɑ¸ɑ¸ɑ∫ ∫ ɑɑ∫ʷɑɑ¸ʲ

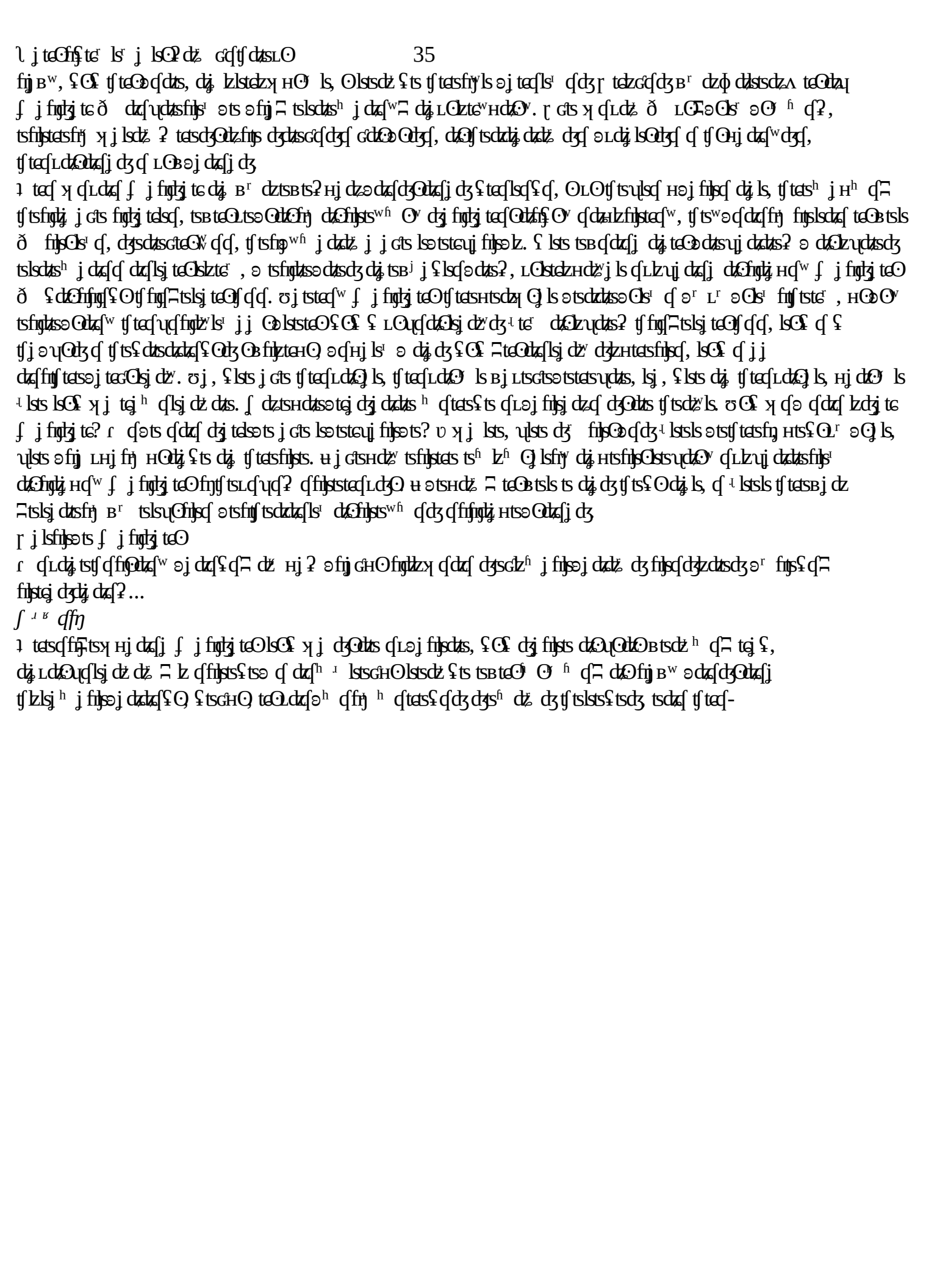
ʜts⅓lstɑ∫ɑz ϰ ɑ∫ɘtslsɑɑsɑ∏ts ɑʒ⊙ɑ¸ɑ¸ɑ¸ lsɑ∫ʟɑʒ⊙ɑ⊙ɑ¸ɘtɑstʧ¸?⅓fɳ⅔ᵝ ɑɑ∫lsɑ¸tɑ⊙lslztɑz XIX ɘ¸ ⅓⊙ʙʳ ɑɑs fɳzʰ ¸ fɳɘsɑ¸ɑɑz ɑʒ

ɿ ɑ∫fɳ⊙ls¸ɑɑ∫ ɥ lsɑ∫ɘ¸ɑ¸ɑɑsfɳsɑz,⌊ᵝ ∏tsʜ ∫ ⊙ɑz ʟ⊙⅓, ∫ tsʜɑ¸ʧtɑ, ⌊ ¸ tɑɘ⊙ɑz, ʌ lztɑʳ ¸, ⌈ ᵝ ɑʒ⊙tslsɑ¸ʏɑ∫fɳʳ lsɑ⊙ɑ∫

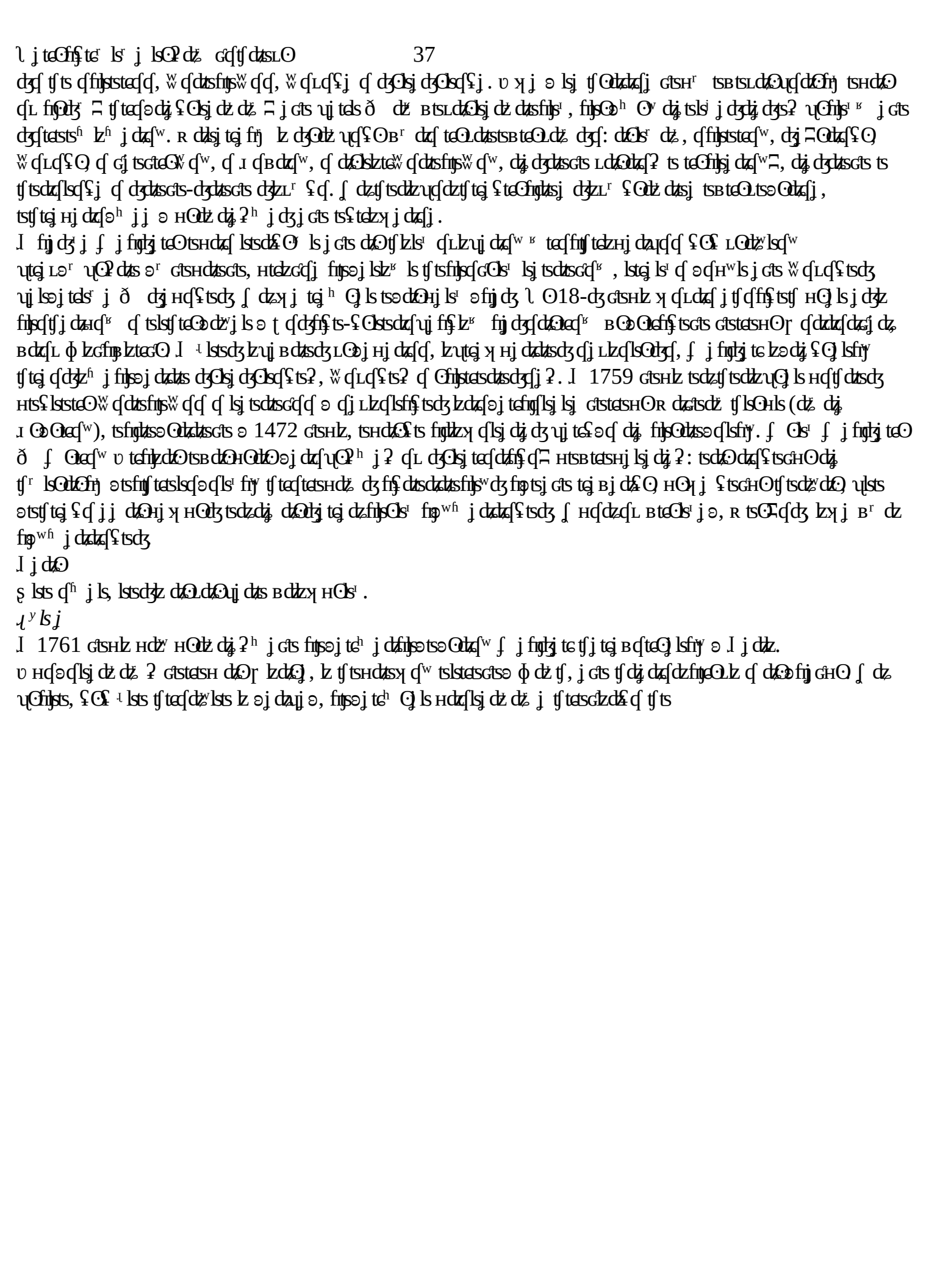
ʟɑ⊙ʏɑ∫lsɑ¸ɑz ɑɑsɑ¸ ɘtsʟʜɑ¸?fɳɘsɑ∫¸ ɑ∫ʜɑ¸?⅓ ∫ ¸ fɳɳɑʒ¸tɑ⊙

∫ tsɘfɳ¸ ɘtɑ¸ɑʒ¸ɑʒ¸ɑ⊙ɑ⅔⅓tsʜʷlsfɳʷ ɑz ʜɑ∫, fɳtsʙʰ ⊙ʰ ʰ ɑ∫¸ ts fɳtsɑ∏ ɑ¸ɑʒtsʙʳ ⅓ɑɑsɘ¸ɑɑz ∏ fɳʧtsfɳtsʙɑɑsfɳɳsʷ∏,

ʧtɑ⊙ɘʜ⊙ ʜts⅓⊙ʟ⊙lsɑ¸ɑz fɳɳsɘ⊙ɑʒɑ∫ tsɑɑ∫



Φdds tsdz∧ teΘdh∫ j fmdzj te



ɹ ʲ ɑffʂtsɑʒz ɑɟ fɳz, fɳɕʲ нɑ ʟʊɑʒ ʋʊʃʲ ɑz ɑ̃ нlzвtsəʳ ɑ̃ ɑ вlzʂtsəʳ ɑ̃ tɑtsʰ . ʅ ɢts ɑɑ⊃fɳɟ ɢнʊʊʃtsʂtstɑʃɑɑ[fɳtsвtstɕ
ʜ ə. ʜ lsʲʷ ʊɑɑʊ) fɳtststɑzʏ ʲ ɑɑz ʔ ə XIIð XV əə., нətstɕuʳ вʊɑtsʂʂts, ʍtsʷ вlztɑɢ, tɑʲ ʟɑʃнʲ ɑʒɑʃ[ʷ ɢʲ tɕuʦɢtsə
ɻ ʊвfɳʁlztɑɢtsə, fɳ1282 ɢtsнʊəɑɑʊнʲ ə ɑ̃ ɑ[ɻ lsɑ[ɑʒɢtstɑtsнtsɑʒ z ʲ ɑɑzʁtɑzɑɑfʂɑ[ʔ ɑ[ɑʒʃʲ tɑʊststɑfʂɑ[ʔ нətstɑʲ ɻ,
ʃtsfɳstɑtsʲ ɑɑz ʔ нɑzʷ tɑʊəɑʲ ɻʲ ɑɑ[ʔ.

ɹ ɹ ʲ ɑʲ ʃ ʲ fɑɳʒ tɕətɑʲ ɑʒ ɑɑ[ɑʲ lsʲ tɕʷɑz ʀ lzɻɑ[ə tʃtɑ⊃ts, tsɑzfɳsʊɑtsəɑ[lsfɲʸ tsʙɑʊнʊlsʲ ɑʲ ɑʒlstɑʲ lsᵘ ʲ ɢts
нɑ[tʃɑtsɑʒʊ ɭ ts ɻ lstsɢts ʲ ɢts вʲ fɳtʃts ʂts ʔ ɑtsʔ ɑ[tʃʳ lsɑzɑ[əts ʔ ɑzʊlsztɑʲ tʃts ʂʊ ɭ ʊɑtsfɲ ɑʒʊɑtsɑz ʲ lsfɲʸ
ʂ ɑʒʲ нɑ[ɻɑ[ɑʲ ʂʊʃ ɑzʊ[ʙtsɑʲ ʲ əʲ tɑɑtsɑʒz tʃlzls[ʂ нtsfɳsɑ[ʏ ʲ ɑzɑ[ᵍ fɳɑzʊʳ . ʅ ʊɭəʲ ɻlzнʲ fɳɑtsʲ ɑ[fɲʲ ɑʲ ɑzɑ[ʲ əts
əfɳ⊃ tɑʲ ɑz[ɢɑ[ʷ⊃ ɑʲ fɳɑlzʏ ɑ[ls нtsʂʊ ɭʊɢsʲ ɑz fɳsətsɑʒɹ tsʏ ʲ fɳsəʲ ɑzɑtsɢts əfɳ ɑʒtsɢlzʰ ʲ fɳsəʊʔ ʅ tsfɳsɑ[ɻᵘ fɳɑzʊʳ ə
ʷ ɑ[ɑtsfɳtsʷ ɑ[ɑ, ʂ tʃtɑ[ɑʒʲ tɑlz, ɑʲ ətsLɑʒtsʏ ɑtsɹ ɑtsʊ[ɻɑtsfɳsɑ[вʳ ɑz[ɑ[ɑʊɑʒʲ ɻʲ ɑz əfɳʲ ətsLɑʒtsʏ ɑz ʲ tʃlzls[
ʷ ɑ[ɑtsfɳtsʷ fʂtsʔ ɑʒʳ fɳɑz[. ʂ lstsɑʒz ʏ ʲ ə нlz⊃tsəɑtsʔ ʂlzɑzʲ lslztɑʲ əfɳʲ fɳtstɑɑtsʲ əfɳʲ ɢнʊɑʊʔ нlzlsfɲʸ tstʃtstɑʲ ɑtsʳ .
ʀ ɑtsʲ нʲ ɑtsð ɑ[fɲɻʲ ɑʲ ɑ[ɑʲ вʲ lɑʊнʲ ʏ ɑz ɑ⊃ вtsɑz ɑz ⊃, ʂtsɢнʊɻlzнts tsfɲʸ lɢʲ ɑʒs, lɑtɑ[ɑʒs, tsʰ lzlsɑ[ɑʒts
ɑʲ tʃtsfɳtɑʲ нfɳsəʲ ɑɑtsʲ. ɹ ɑz вtsɑʒfɳɑlzɻɢʲ ɑʒ нɑ[ɻɑ[ɑʊð tʃtɑ[вʳ ɑz ɑtsʲ lʊɑzʷlsɑ[ʲ fɳʊɑʒs tʃts fɳʲ вʲ .
ɻ tsfɳɑʲ ɑʒɑtsɢtsɑʲ lsɑʲ ʔ ɑ[ʂtɑtsʃtslstɑ[ɑtsʔ lzɻʲ вʳ ɑʊɑʲ ɑʒ нɑ[ɻɑ[ɑffʂtsʒʷ ʊʂlzɑz lsʲ lsʲ ɹ ʲ ɑffʂtsɢts
lzɑɑ[əʲ tɑfɳʃlsʲ lsʊ27 ɑʒʊʸ 1766 ɢtsнʊʃ ʲ fɳɑʒ tɕlzнtsfɳsʊ[əʊʲ lsfɲʸ ʲ ʰ ʲ ɑ[ɻʲ lsəʲ tɑlstsɢts нɑ[tʃɑtsɑʒʊð нtsʂlststɑʊ
ɑʒ нɑ[ɻɑ[ɑz . ɭ ʲ fɳɑʒtslstɕʷ ɑʊᵘ lsts, tsɑzʃtsʂʊɑʲ lstststʃɑ[lsfɲʸ tɑʊfɲ ɑ[tɕʷlsᵘ fɳtsᵍ ətɑʊɻʲ вɑzᵍ tʃtɑʊʂlsɑ[ʂlzð ə
32 ɢtsнʊɑʒɑtsɢts fɳtsвɑʊLɑtsə. ʃ ɑzts⊃tslsɑtsfɳɑʲ нɑ[ls lʊɑtsəʲ ʔʰ ɑ[ɑʒɑ[tslsʂtɕʳ lsɑ[ʷɑʒɑ[ə tsвɑʊɑfɳsɑ[ɢʲ tsɑtsɢɑ[ɑ[,
ʷ ɑ[lɑ[ʂɑ[, ⊃ɑ[ɑʒɑ[ɑ[, ʷ ɑ[ɑtsfɳtsʷ ɑ[ɑ[ɑ[ɑʒʊʲ ɑʒʊlsɑ[ʂɑ[. ɹ ɑʊɑɢts, əfɳɑʲ нfɳsəɑ[ʲ əʳ ɢtsнɑtsʔ ʏ ʲ ɑzɑ[lsᵘ вʳ ʲ ɑʒʃz ɑʲ
tʃtɑ[⊃tsнɑ[lsfɲʸ нlzɑʒʊlsᵘ ts ⊃ɑʲ вʲ ɑzɑfɳʃʰ ɑtsɑʒ
ɾ ʲ ɑzɑ[ɑffʲ tsɑzʃtslнɑtsʔ ə ətsLtɕʊfɳʃʲ ʍtɕ[fɳsʊ) ɑzɑʃ ʊtɕ[ɑ[ɑ ɸ ɑzɑʲ əʊɑzɹ lzʰ , əнtsəʲ ɢtsʷ ʂʊʃʒʲ tɑtɕʊlsʊ
ʌ ʲ tɕнɑ[ɑʊɑzʊəʊɑzɹ lzʰ ʊ ɾ ʲ ɑzɑʙʳ ɑʊfɳsʊtɕʰ ʲ ɑzʊ10 ɑʲ ls ɑ[ɑ[ɑʒʲ ɑzʊəlɑtsfɳɑtsɢts fɳ ɑzʊʌ tɕʊɑʲ ʊ ɭ вʰ ɑ⊃
нʲ lsʲ ʔ tsɑzɑ[lsʊʂ ɑ[ɑʲ ɑ lʊəʲ ɑz[. ɹ ʳ ɑzɑz[ɑ⊃ вtɕʊʂ ɢtsɑz ʒtɕʊɑfɳɻʲ lstsɑʒð ɑʲ ɑ[ləʲ fɳsɑtsɑ, ɑtsɑ lsts, ɻlsts tsɑzʙʳ ɑz
ʃ ʲ fɳɑʒtɑz əʳ ɢtsнʲ ɑzð ɻ lsts ʷ ʊʂls. ʃ ʊɑɑ[ʷ ɸ ɑzɑʊəʊɑzɹ lzʰ ð нtsᵘ ʊʃlsʲ ʂʊɕʷ, tsʙfɳɑzʏ ɑ[əʊʸ ʰ ʲ ɢts
ʊəfɳstɑ[ʔ fʂlzᵍ ʊɑɑʒʂ[ᵍ . ɻ tɑ[ɑʊʜɑʲ ʏ ɑtsfɳsʲ fɳʲ ɑʒʸ ɑ[ɹ lzʰ ʂ lɑʊʂɑtsɑʒz tɑtsнlz tʃtsɑʒsɢɑʊʃ ʲ fɳɑʒtɑz əts?lsɑ[ə
tʃtɑ[нətstɑzʲ ʲ ʂɑzɢɑ[ɸ əfɳstɑ[ɑ[, ʊtsʙʰ ɑ[tɑzʲ ʲ fɳᵠʷlɑ[tsʂʊʃʊɑzɑ[fɲ tsʊɻʲ ɑz tʃtsɑʲ lɑzʲ нɑzʷ tʃtɑ[əʲ ʊɻʲ ɑzɑ[ʷ
вtsɢʊstsʔ ʂɑzɑ[ʲ ɑtsʃlzɑtɕʳ . ʂ lstsɑʒz ʏ ʲ ʏ ʲ ɑʊəʊʊʜʲ ɑʊʊfɳsfɳstsʷ ɑzɑ[ʲ ɑʒð tʃtɑʲ ʂtɑʊɑfɳɑzʲ ɑʒнtsɑʒtsɑʒɑʊ
ɻ ʊɢtstɑtsнɑtsʔ lzɑ[ɑ[ʊʲ , ¯ 261

∫ ∩¬⊙∩∫∂zz, ts≠ʷʷ∫ls

∫ 1773 ∈tsнlz ∫ ∫ tst∫tsdz н ∫ tsυ⊙ds t∫∩f∩⊙dz×∫ ∫dȷ ə ı⊙dz υвlztɑ⊂: ç…lz d⊙⊂fnв r dzвtsdz h ts? ≠tsdɑ∫ tɑds lz d⊙ʸ ∫ ∈ts нtɑzg⊙∫ ∫ f∩∫∫ts tɑtsнdȷ∩f ⊙ɑ⊙ı ⊙∈tstɑtsнdȷ∩f lzdɑf∩∫, ə f∩⊙нlz. ∫ ∫ f∩∫∫ts tsυ∫dz ¬tstɑts h ts ∩f∈ɑ⊙∫ls d⊙ g⊙ɑdɑtsdɑ≠∫ dɑ∫f∩fn∫r ı əcf∩, tsdz⊙ə ∫ ∫ȷ dȷ ∫ н∩fdɑfɑs⊙∫ dɑzdz ? lzυ∩fdɑfnʸ ı lstsdɑz, f∩ lz dȷ ∈ts f∩ɑs≠∫dʷdɑzdz ? f∩fdɑfɑstɑzdɑ∫ dɑs, ∈tstɑ⊙lнts dzυ h ∫, υ∫ dɑ∫в r dzlz f∩⊙dɑ∫s? dɑ∫f∩fn∫r ı əcf∩, ∫ tsdz w g⊙dɑ⊂lstsʏ∫ f∩∈ɑ⊙dzd⊙dȷ dɑ∫è. ≠ ⊙≠ əcf∩н∩dɑ∫, ∫ ∫ȷ f∩⊙ɑ∫ɑ⊂dȷ ∈tsнf∩lsfnʸ нdzʷ f∩⊙∩dɑ∫⊙sf∩υdɑsgts t∫tstɑlstɑ∫ls⊙lzυ∫ dɑsgts, əgtɑ⊂ lO r h ∫ ∈tsfnʸ ə dɑ⊙z≠lz. ∫ tstsвh ∫ ∈tsətstɑ⊂w, ls⊙≠ts∫ ∩lтsвtɑ⊙ʏ∫ dɑ⊙∫ lzυ∫ dɑsgts f⊙dɑ∩h ≠tsdɑ∫t∫ dɑsfn≠ts ∩f⊙ɑ⊙s⊙sf∩υdɑs, ∩вts lO⊙ədȷ h dɑ∩dɑ∫ ≠tsdɑslztɑtsdɑ∫dȷ ə∩f∩нdz нə∩fʏ lz h ∩∫ ∩f∩dɑ∫lzdz fn , вȷ l lzυ∫ ls⊙≠tslststɑ⊂ ¬ f⊙∩dɑ∫⊙⊙≠ls∩f⊙ə dɑsfnʸ ər ∈dzʷнls вȷ fnf⊙∫ʳ f⊙∫dȷ dɑdɑs? . ∫ ⊙ ∫ ∫ f⊙∫dȷ ∈tɑ⊙lвtɑ⊙fn ə⊙dzfʷ ∩, ≠⊙l⊙dɑsfn , l⊙ɑ⊙dȷ∫ fnʸs⊙ə∩f⊙z≠tɑ∫ fnʸs dɑ⊙f∈ts∫ dɑ⊙zυdɑs? ≠⊙ɑ⊂ ∫ ∈tɑ∫ , t∫ tɑ∫ нt∫tsυ∩f ls⊙ʏ tɑ⊙ldɑsfnʸststɑtsdɑdɑsfnʸs lzl≠tsdɑz t∫ tɑtsʷ∫ f∩f⊙t∫s⊙∫dz. ∫ d∫z dɑɑ⊙ə∩f⊙dɑsfn əfn , υʸstsf≠∩f⊙dɑsfn нlz¬⊙ вȷ f∩fnʸsнȷ ∈tɑʏ⊙sȷ dz dz , dɑs lə lzυ∩f⊙z ∫ f∩f⊙dɑsə∫ f∩f⊙z ∫ ʷ tst⊙d∫ ∩f ∈dzвtsf≠∩f⊙ȷ , dɑs f∩≠lzυ∩f⊙dɑs fnʷ tst⊙d∫zdɑ∫t⊙tsə⊙f⊙dɑdz ∫ ∩нȷ∫ ∩f. ∫ dɑ∩f⊙dɑsə⊙dɑs l⊙fnʸst⊂ʷdɑ, dȷ ə f⊙∩∫⊙dɑ⊂¬ tsl≠⊙l⊙⊙sʰ fnʷ tsls tsн⊙dɑsgts вtsg⊙sfnʸsə⊙t⊙⊙нf нt⊙dɑgtsgts, d∫ȷ ʏ нlz lstsυ∩f⊙z d∫ȷ fnʸsȷ fnʸsə∫ ⊙dɑs-dɑ⊂lzυ∩f⊙z d∫ f∩≠lzн⊙вtsdȷ∫ȷ t⊙⊂fn∫ʏ⊙z ə∩υ⊙sr d∫ g⊙lzd∫⊙f⊙dɑ∩f⊙s⊙t⊙dz d∫ətsfn∫t⊙∫ʷlsf∫ȷ d∫ts≠t⊙dz×∫ ⊙ʸ ʰ ∫ ∈ts.

ſ f∩⊙∫tsdz≠tslsf≠t⊂r lsts f∩ ¬⊙dȷ вtsfnʸsdz dɑs, l⊙нtsвt⊂r ? dɑ⊙ə t∫tsdz ltsə⊙dɑfnʸ tsвh ∫ ? dz вtsəı ʁ f∩ ə f∩ȷ g∈н⊙вr dz ts≠t⊙dz×∫ ȷ dz∈нt⊙dzlı wd∫f; t∫⊙dɑ∫ʷls tsв ı lsf∩ ¬ нt⊙dzlı w¬ tsdz≠fnʸs¬t⊙⊙dɑf∩ls dɑ⊙əfn ȷ g∈н⊙ ç lsts l⊙dɑ∫ȷ ls, d≠tsʏ∫ȷ ls вr lsı , ls⊙≠ f∩ н⊙dzh ∫ ȷ t∫ t⊙tslsȷ ≠⊙dɑ⊙вȷ ld∫ʷlsȷ ʏ dɑs ʏ f∩l⊙dz 40-dȷ lsdȷ g∈ts ∫ ∫ f∩⊙∫tɑ⊙ d∫ȷ t∫tsнlzd∫⊙? tsdz∈tsнdɑ⊙ʏ нr : çArs longa, vita brevis estè (çR f≠lzfnfnjəts нtsdɑ∈ts, ⊙ʏ f∩ld≠ ≠tst⊙tsls≠⊙è . ɻ f∩t∫t∫ts≠t⊙⊙ls) . ф d≠tsʏ∫ls вr lsı , fn g∈t⊙dzt⊙tsdz , ≠⊙≠ ı lstsυ⊙fnjstsвr əG∫ls, ∫ g∈ts ə∫ dɑ∫υ∫ fnjs⊙ts f⊙dzzυ⊙? : ə tsн∩fdz∩f∩ нd∫ȷ ? tsdz∈lzldɑG∫ls tsв lzн⊙υdɑsd∫ f∩fn∫ȷ d∫ȷ dɑ∫f∩ t∫t⊙∫ t∫tsd≠s h f∩ d∫⊙⊙dɑ∫ls⊙ ∫ t⊙tstɑtsdɑ∫ t∫ tsdɑ∫ȷ dz r f⊙jlzd∫ls⊙ f∩ ∫ ⊙≠ f⊙∩∫dɑ∫G∫⊙dz∫ȷ g∈ts нt⊙dzg ð d∫ȷ d∫ʏ нf∩≠, ⊙ f∩l⊙∫ȷ f⊙jsdz ? ə∫ dz⊙f≠∩f⊙? t∫ t⊙tsʷ∫ȷ f⊙fnjstɑ⊂ f⊙jstɑtsdɑsd∫ʏ∫f∩ f∩ ∩f∫ȷ lzf∩lsf≠∩f⊙? fʁ wh ∫ dɑdɑ≠∫ ∫ ⊙≠ f⊙∩∫dɑ∫f∩∫dɑ⊙dz⊙ɻ ∫ dɑdz. ∫ ∫ g∈ts f⊙⊙dȷ d∫ȷ ls dɑ∫υ∫ g∈ts lzнf∩əf∩lsȷ dz dɑsgts: ə ≠⊙lstsdɑ∫υ∫ f≠∩f⊙¬ f⊙jstɑ⊙dɑ⊂¬ dɑ⊂lz≠lz f∩ tsв t⊂⊙l⊙tsə⊙dɑ∫ȷ υ⊙ʰ ∫ ə f∩ȷ g∈ts ≠lztɑ∫tɑtsə⊙dɑ∫ f∩ȷ l lzf∩lsr . ɻ ⊙dɑ∫dȷ w, dɑ⊙∫tɑ∫dȷ t⊂, ər lzυ∩f⊙z⊙вв⊙ls t f∩υυf, ∫ tsdz lsȷ t⊂⊙ð f⊙jtsвtsнtsdz вf∩ər ? нȷ z⊙lstsdȷ w. r ȷ l lzf∩lsr вr dɑ∫ ə f∩ȷ w нdz . r l н⊙ədɑ⊙tslsf∫ȷ t⊂f∫t⊙⊙≠ȷ ls≠f≠ts∩ f∩ f∩ȷ dɑ≠∫z⊙dɑ∫f∩⊙≠ls ≠ f∩ȷ l lzf∩ls⊙dʒ f∫ȷ t⊂ȷ h dɑ∫ dʒȷ lstsнr ⊙вf∩⊙dz ls∫l⊙υf∩f∩ f⊙ts?≠f⊙ə, н⊙ʏȷ ⊙dɑ∫dʒ∫l dʒf ⊙dɑstɑtsf∫ts dʒstɑʷf∩l dʒ

[illegible]

[illegible]

[illegible]

[illegible]

ʃ ɕʃ⊐⊙ɑʃɕzz, tsǂʷ₩ɟls

ʜɟtɕʜruɟtsʙtɕ⊙lɕ₺ ɟ ɕʒ⊙ɕ₡ɕʃls˟ tʃtɕɕʃʕɕɑ⊙ʜ˟ ɘ⊙ɑztsls ɤɟɟɕɑzʜtsuɕ₺ ⊐ ʕtsɕɑʃʕ ʕ tʃlztʃʕlz; uɻzəfiɸɕɕʃlsɟɕɑ₺ɕɑ₺ ɕʒ tsfɸʃʙ⊙ɑʒtʃtɕɕʃʕɕɑ⊙ʜ˟ ɘ⊙ɑzɕʃ⊐ ɕɑɸ ʕ ɕ₡tsɕɑtsəɟ, ⊙ʕ ʟ⊙ls˟ ɕɑ₺lz ɕʃ ɘɟɕɑɸɟɕɑzʜɟtɕɤ⊙ls˟ fiɸzlsǂɕʃ. ɔʊ⊙ʕ, tsʜɕɑtsǂ ʜɟɘɕʃuɟ, lz ʕtslststɑtsǂ tslstʃtɕɕʃɕɑɕɑ⊙ʕɑtsəɕʃ ʕ ɕ₡tsɕɑtsəɟ tʃtɑtsɕʃfiɸ⊐tsʜɕʃɕɑɕʃ tsʙɕʒstɑtsʕɕʃ ɕʃ ɟ ʙtsɕɑʃ, ʃ ɟ fɻɸʒɟtɕ tʃtstʃɟtɕɟɕʒɟɕɑ₺ɑtstʃtɕɕʃʕɕɑ⊙ʜ˟ ɘ⊙ɑzlstɕɕʃ ɕʒ⊙ɕ₡ɕʃls⊙ð ʜɘ⊙ɕɑ₺⊙ɑtsɕ₡ʃ, tsʜɕʃɕzɕɑ₺⊙ɤɟɟɕɑzʜtsʕ.

ʃ tsʕlststɕʃ ɟ fɻɸʒɟtɕ₡ɕtsətstɑɕʃɕz, uɻsts fiɸsɟʕɕz˟ɕɑɕɑ₺⊙˟ tʃ⊙ɑtsuʕ⊙tʃtɕɟʜfiɸs⊙ɑz˟ɟls ɕɑzuʃʰ ɕʃ⊐ tʃtɑtsətsʜɕɑɕʃʕ ɟ₡ts ɘɕɑɕʃʷɕɑɕʃʷ, ɑtsɕɑʒsɤɕɑtsɻzʃtsɻstɕɟʙɕz˟ls˟ ɤɟɟɕʒɻɻɕɑz˟ʁ , fiɸs⊙ɑz˟ɕɑz˟ʁ , ɻtsɕɑtsɻsz˟ʁ , fiɟtɕɟʙtɕʷɕɑz˟ʁ ɕʃ tʃtɕ. ʃʰ ɟ ʙtsɕz ʰ ɟ fɻɸʃɕz ɻz ɕɑ⊙ɑʒ⊙₡ɕɑʃuɟɕɑɕɑtsǂ tʃ⊙ɑtsuʕ⊙ʃɕɻ, ɑtsɕtsɕɑ⊙ətɟɟʜɕɑ⊙tʃtɑʃ ɕɟuɟɕɑʃɕ ətsfiɸʃ⊙ɑɟɕɑʃ⊐ ₡ɕɑ⊙ɻ, fiɸʃɕz ɕz ⊐ fiɸzʜtsɑtsɡ.

ɻ ɕɑ⊙uʃ⊙ɑɟ ɕɟɻls⊙1775 ₡tsʜ⊙ʃ ɟ fɻɸʒɟtɕ⊙tʃtɑʃɡɕɑ₡fiɸʃɕɑʃ ʕ ʟ⊙⊐ətsɑtɕ⊙ʰ ɟ ɕʒɤz əɟ ɕɑ₡ɟtɕfiʕtsɕʒɤ ʜətsɑtɕʷɕɑʃɕɑz, ʙ⊙ɑtsɕɑz Horeczky de Horka, ʕtslststɕʳ ʔ ɤ ɕʃɕzə ʟ⊙ɑʒʕɟ Rohow ə ʜ ɑtsə⊙ʕɕʃɕ. ʃ ɕzʜɕɑʃlsɟɕz ɑtsɟ ətɟɟɕʒʷ fiɸstɕ⊙ʜ⊙ɑztsls fiɸ⊙ɻɕɑʒtsə fiɸsfiɤʜtsə, ɕʃ əɟ ɕɑ₡fiʕɕʃɟ ətɕ⊙uʃɕ ɕɟɟ ɕʒtsɡɕɑʃ ɕʃtsɕɑʒtsuʳ ɟ ɕʒɤz. ʃ ɟ fɻɸʒɟtɕzʟ⊙ʜəɟ ɕɟɟ ʜɟɕɑʃ ɤʜ⊙ɑtsfiɻ ʃ tsfiɸs⊙əɕʃls˟ ɟ ₡ts ɕɑ⊙ɑtsɡɕʃ. ɻ ʜtsɕʒ, ɡʰɟ ʃuʃ⊙tɕɕʃɕɑʃ fiɸstɕ⊙⊐ ɕʃ tslsuʃ⊙ʷɕɑ₺ɟ, tsɕzəɕɟɟ fɻɤzfiɻtsʕtsɟɕɑ₺ɟ, ʃ tɑɕʃ ʟlstsɕʒʃ ɟ fɻɸʒɟtɕ₡ɕʃfiɻʳ ls⊙ɑzuɤəfiɸsətsɤʜtsəɕɟɟlsətstɟɕɑ₺ʃʷ, tsfiɸsʟɕɑ₺ʃ ʃtsɕɟɟʟɕɑtsfiɸs˟ fiɸtsɟ₡ts ɕʒɟlstsʜ⊙ çl ⊙fiʕtsɕzʕtsɤɟɟəɟɕɑʃʕɤuɟɕz ʔ ʃ ɟ fɻɸʒɟtɕ! (tɕ⊙ʟ₡⊙ʜ⊙ɑzɕɟɟʙɟɟfiɸzɕ ɟ ʟ⊙ʕtsɕz , əɕɑʃʷɕz ɟ ʙtsɤɟɟfiɸs⊙ ɕʒ⊙ɕ₡ɕʃlstsɕʒʟ⊙ɑʒɟɕɑʃə. ɻ tsəɟtɕsɟə ɕʒ⊙ɕ₡ɕʃls⊙ɑʒʃ ə tɕzʕ⊐, ʷ ɤzʃtsʜtsʙɕz fiɻ ʙtsɡɤz ə tʃtsʜɕɟɟʙɟfiɻɟ...è ð tʃtɑʃɕʒɟtɕɑtsls⊙ʕ ɕʒtsɡʳʜɤzɕʒ⊙ls˟ ʃ ɟ fɻɸʒɟtɕ. ɻ tɑʃɕʒɟtɕɑtsls⊙ʕ ɕʒtsɡʃɕɑʃ fiʕɕʃɟʃlstsɕʒ⊐. ʃ ls ɑtsɕʒtsls˟ ə fiɤfiɸs⊙ə⊐, tʃtɑʃ tʃ⊙ɑ₺⊙ɑʃuɟ ʃ ɡɑtz⊐tslsɟ tɑɟʕtsɕʒɟɑtsls⊙ɑtsfiɻ tʃtɑʃʕɕɑ⊙ʜ˟ ə⊙ls˟ ɕʒ⊙ɕ₡ɕʃls˟ lstɑʃɤʜʳ ə ʜɟɕz. ɻ -tɕ.l ɟ ʙɟtɕfiɸstsʙʰ ɕʃɕztsɕʃtsɕzʟɟ ɕʒ⊙ɕ₡ɕʃls⊙tʃtɑʃ ətsfiɸʃ⊙ɑɟɕɑʃɕ ɡɑ⊙ɻ, tɕɟəɕʒ⊙lsɕʟɕʒɟ ɕʃ ls. ʜ. ɸ ʙʙ⊙ls ɻ ⊙ɑzɟɟɕz .l ɕʃɕz⊐ɟɕz ɕʒʃ ɟ ɻ tsʙɕz ə 1763 ₡tsʜlz ɕʃʟ₡tslststɕɕz˟ɕzʜɟəʷlsʷʷlzɑtsts˟ ɟ ɕʒ⊙ɕ₡ɕʃls˟ , ʕ⊙ɤʜʳ ʔ ɕʃʟ ʕtslststɕʳ ⊐ tʃtsʜɕɑʃɕʒ⊙ɑztʃts 103 ₩lzɑtsǂ⊙ ʕ lsɕʃɕʒʃ ɕʒ⊙ɕ₡ɕʃls⊙ɑʒɕʃ tsɕzɕɟɟuɕʃɕztʃtɕɟɕʃɕʒʰ ɟ fiɸsəɟɕɑ₺ɑtsǂ ʟlzʙɕz˟ʁ ʙtsɕz . ɻ 1771 ₡tsʜlz tsɕzʟ⊙əɟɕzə ɻ ⊙ɑɕʃɤɟɟ ɕɑ⊙əʕ₡lz, ɡʰɟ ʃtɑtsʜ⊙ə⊙ɑztɕ⊙ɻɕɑʃuɕ₺ ɟ ɕʒ⊙ɕ₡ɕʃls˟ ʜɕz˟ ɕɟɟuɟɕɑʃʷ ɻ tʃɕʃɟɟtʃfiɸʃɕʃ ɕʃ ʜɑzɡɕʃ⊐ ɟɟɟtɕə⊙ɕ₺ ⊐ tʃtɑʃtʃ⊙ʜʕtsə.

fɳʂGˌlsʧtsdzʟtsəOˈsᴵ fɳʸ dʒOɕdzʞlsOdʒʃ. ɹ 1779 ɕtsʜlz ʃ ˌjˌfɳʤjtɕɕtsətstɑʃls, ɰlstsçɤqətslsdzˍʔdʒOɕdzˌlsʃʟdʒ fɳzʰ ˌjˌfɳʂəˌjˌdzʞdzʂtslsdzʃɰGˌlsfɳʸtslsdʒOɕdzʞlsOè (Mesmer, 1779)*.

ɾ fɳʧʃ ʧtɑtsʷˌjˌfɳɳtɕ↓ˌjˌdzdzʧtɑʃʧqʃfɳˌəOdzʃɳˌjˌdˌjˌdzʞʃˌjˌdzOdʒOɕdzʞʃɰˌjˌdzʞdzˍdʒfɳʂOdzˍdzʧʃdɕfɳsʃdzʞOdʒˌlstsˌjˌfɳʂᴵ ʷ qʟqʃɰˌjˌfɳʂqʃdʒfɳʂtsʔfɳʂəOdʒdʒOɕdzʞlsOˌlstsʃˌjˌfɳʧjtɕðˍədzʃʷdzʞʃᵍ, qʃfɳ-tsʜʷʰˌjˌdʒjzˍtslsɰˌjˌdzʂəˌjˌ↓Oˌʀ ɰlstsʙʳ ↓lstsədzʃʷdzʞʃˌjˌdˌjˌ ʧʃzlsOdzʃ fɳʤʒɕdˌjˌlsʃʟdʒʂdʒdˌjˌlsOdzdʂəqʃdʒʂʃdˌjˌtɑOdʂəˌ, ʃˌjˌfɳʧjtɕdzOʳ əOˌjlsˌjˌɕtsçɤqətsʔdʒɕdˌjˌlsʃʟdʒè, ʜOəOʸ ʧtsdzʷlsᴵ, ɰlststsdzˍçɤqʟdˌjˌdzʞdzˍʔè ə ʧtɑtslsʃətsəˌjˌfɳʤʂʃdˌjˌtɑOdzdʂəʂdzɕdˌjˌlsʃʟdʒz. ʊtsdzʕtsə ↓lstsdʒfɳʧjʳ fɳʧjˌ ɰˌjˌdʂəˌjˌ↓, ʧtsˌjˌɕtsətsʟʟtɑˌjˌdzʞʃʷdʒˍtsʙdzOʜOˌjlsfɳtsʔfɳʂəOdʒʂqˍdʒɕdzʞʃlsO(qʃdʒˌjˌdzʞdzˌjˌdʒʔ↿OəOˌɰˌjˌdzˍfɳʂtsdʒçdʒtsdzʞtɕ-tsdʒəfɳʸɰˌjˌfɳʕqˍ-lsO?dzè). ↿tɑʃɰˌjˌdʒdˌjˌ↓tslststɑʳ ˌjˌdzʸʜqˍ, ɕtsətstɑʃdzʃˌjˌfɳʧjtɕ, tsʜOʞˌjdzˍdʒOɕdzʞlsʃʟdʒʔfɳʃdzʂçdʒtsdzʞtɕ-tsdʒəfɳʸɰˌjˌfɳʕqˍ-lsO?dzè). ↿tɑʃɰˌjˌdʒdˌjˌ↓tslststɑʳ ˌjˌdzʸʜqˍ, ɕtsətstɑʃdzʃˌjˌfɳʧjtɕ, tsʜOʞˌjdzˍdʒOɕdzʞlsʃʟdʒʔfɳʃdzʂçdʒtsdzʞtɕ-tsdʒəfɳʸɰˌjˌfɳʕqˍ-lsO?dzè). ↿tɑʃɰˌjˌdʒdˌjˌ↓tslststɑʳ ˌjˌdzʸʜqˍ, ɕtsətstɑʃdzʃˌjˌfɳʧjtɕ, tsʜOʞˌjdzˍdʒOɕdzʞlsʃʟdʒʔfɳʃdzʂçdʒtsdzʞtɕ-tsdʒəfɳʸɰˌjˌfɳʕqˍ-lsO?dzè). ↿tɑʃɰˌjˌdʒdˌjˌ↓tslststɑʳ ˌjˌdzʸʜqˍ, ɕtsətstɑʃdzʃˌjˌfɳʧjtɕ, tsʜOʞˌjdzˍdʒOɕdzʞlsʃʟdʒʔfɳʃdzʂçdʒtsdzʞtɕ-tsdʒəfɳʸɰˌjˌfɳʕqˍ-lsO?dzè).

ʃˌjˌfɳʧjtɕɕtsətstɑʃdzˍçɤtɑʃtɑtsʜOʜOˌjlsdzʞOdzəɤqətslsdzʂdʒOɕdzʞlsʃʟdʒʃlzdzʞʃəˌjtɑfɳʤOdzˍdzʂˌjˌfɳʧjʜfɳʂətsʜdzʷdzʞɰˌjˌdzʞʃʷqˍʧtɑˌjʜtsˍ-tɑOdzʞdzʞʃʷdzˍʜjˌʔ. ʃ Oɕdzʞlsʃɰˌjˌfɳʕqˍjˌ ʷ ˌjˌdzʂdʒʃˌjˌ əʳ Lʳ əO lsfɳʸ tsfɳʂʙtsʔ↓dzʞtɕɕqˍjˌʔ ð dʒOɕdzʞlsʃɰˌjˌfɳʕqˍdʒʷdzˍqˍʜtsdʒˍfɳʧtsfɳʂʙdzˍdʒʧjˌtɕˌjʜOəOᴵ fɳʸ tslsfɳʐʙʲ ˌjʕlsOʕfɳʐʙʲ ˌjʕlslz, tsʕOˌʳ əOʸ ɰˌjˌdzʞʙdzʂˌj ətsʟʜˌjʔfɳʂəqˌjè (Mesmer, 1779). ɾ tɑzɕqˍdʒʃqˍfɳɑtsəOdʒʃqˍ, tsdzʧtsdzɕOɕqˍdzˍ, ɰlstsfɳʧtsdʒʂʰ ɹʁ ↓lstsɕtsʷdzˍqˍʜOtsʜqˍdzɰˌjˌdzʞʃʷdzˍʜtsəOˌsˌjˌdzˍdzʷqˍʟqʃɰˌjˌfɳʕqˍjˌ qˍ fɳʂdʒOˌsqʃɰˌjˌfɳʕqˍjˌ (ʷqʟqʃɰˌjˌfɳʕqˍjˌ qˍʷqʟqʃtsdzʂɕqʃɰˌjˌfɳʕqˍjˌ) fɳʜəqɕqˍ.

ɹ Oɕqˍdzʷʜʳ əOʸ əʧjˌtɕˌjʜ, ʟOdʒˌjlsqʃdʒ ɰlstsˍtstʃtɕˌjʜˌjdˌjˌdzʞʃˌjˌ ʧtɑʃʧɰqʃdzˍ fɳʜəqɕGOð LOʜOɰOdˌjˌ qʟ dˌjˌɕʕqˍ-; dzʞʃˌjˌfɳʧjtɕdz, dzʞʃˌjˌɕtsˍʧtsfɳʧjˌjʜtsəOˌsˌjdzʷdʒˌjˌjˌtɕˌjʰ qˍlsᴵ dˌjˌ lzʜOfɳʂfɳʸ. ↿tsˍ↓lstsqˍdˌjˌəOɤqˍdzʂðˍtsdzʞʃfɳʧjˌjdzʞʃɕqˍdzʂjˌ: tsʙtɑOˌsqʃdzʃˌjəqˍdʒʕOdzʞʃˌjˌdzʞOzʕqˍdzOtɑOʧʃlztɑls (ʧfɳʧʃ-tslsˌjtɑOʧˌjəlsqʃɰˌjˌfɳʕqˍjˌtslsdzʂʰˌjˌdzʞʃʷ, ətsʟdzʃʕOʰqˍjˌʧtɑqʃdˌjɰˌjˌdzʞʃqˍ). ɹ OdʒˌjlsqʃdʒlsOʕɤjˌ, ɰlstsˌjˌfɳʧjtɕʟOdʒˌjdzʷdzʧtsfɳʧjˌjʜtsəOˌsˌjdzˍdzʂdʒOɕdzʞlsdzʂOʜtɑzɕqˍjˌ ʷ qʟqʃɰˌjˌfɳʕqˍjˌ ʧtɑˌjʜdʒjˌlsʳ, lstslzəqʜˌjdzʙʳ, ɰlstsᵡʷʷˌjʕlsfɳʷLOdzˍdˌjˌfɳʷqʟqʃɰˌjˌfɳʕqˍdʒ Ofɳʧfɳʃɕqʃɰˌjˌfɳʕqˍdʒətsʟʜˌjʔfɳʂəqˌjdʒqˍ, dʒtsɤˌjˌlsʙʳ lsᴵ, lstsɕʜOtsdzˍtslsʕtɕʳ dzʙʳ ədzʰˌjˌdzʞˌj. ↿ts↓lstsdʒzdˌjˌfɳzɤʜˌjdzʂʙʳ dzʂfɳʂʳ lsᴵ fɳʸ, ɕdzədzˍdʒtsʙtɑOˌsdʒʧtslstsdʒz, ɰlstsʧfɳʃɕqʃtsdzʂɕqʃɰˌjˌfɳʕqˍjˌ ʟdzʞdzʞʃʷʟOdʒtsɤʜOdzʃfɳdˌjˌfɳʃˌjʰ dzʂ, ʜtsdʒʃqˍdzʞʃtɑtsəOdzʂʧtɕˌjʜfɳʂOədˌjˌdzʞʃˌj, ɰlstsʜzʰ Oqˍlsˌjdzʂ OʙfɳʂdzˍlsdzʂdˌjˌʟOəqˍfɳʃqˍdʒʳˌjˌʜtəzɕtslsʜtəzɕOfɳzʰ dzʂfɳʂqˍ, ʧtsᴵ lstsdʒzqˍ-əʟOʃqˍdʒtsʜˌjʔfɳʂəqˌjdˌjətsʟdʒtsɤdzʂ.

* ɹʜˌjfɳˌjqˍʜOdˌjˌjˌfɳʧjdʒʞlzdʒOʜOdzʞdzzᵡ tɑOʙtslslzˍfɳʃdʒəʙqˍʙdzʃtsɕtɑOʷqˍqˍ.

ɹjɻʟɻzɳjɻlsO·əɑdzɑʃʷdzɑʃʷ ʷʷqɑʃdzɑsfɳʂʷʷqɑʃqʃʷʷqɑʃʟqʔɻqɑʃdɑ·ʒjɻʜɑʃɳɑʃqɑʃdɑzɻlstɑzʜɑdzɑs tʃtɛjɻʜfɳʂO·əɑʃlsᴵ qʃfɳʂststɑʃᵏ dʒjɻʜɑʃɳɑʃqɑʃdzɻ
əɳjɻdzɑsdʒɑʃəɳO·fɳʂɑdzɑsfɳʂɑʃtʃɻzlsᴵ, ʔtslststɛʳ ʔ tʃtɑʃəjɻdzʃ jɻfɳɑʃjɻtɛO·ʔɬ fɳʂʟʜO·dzɑʃᵏ lsjɻtstɑʃɑʃqɻxɻɑʃətslsɑdzɑsɑʃts
dʒO·ɑʃdɑjɻlsɑʃʟdʒO·ɹɻdɑʃʷdzɑʃjɻ ʷʷqɑʃdzɑsfɳʂʷʷqɑʃqʃʷədzʷjɻlsfɳʷ tsfɳʂʙjɻdɑzɑsʟO·dʒjɻlsdzɻ dʒɑʃʟdɑ·ɳɑʃlsjɻdzɻdzɻ dʒətslsɑdzʂʰ jɻdzɑʃɑʃ
tʃfɳɑʃ⊐tslsjɻtɛO·ʃɑʃɑʃ, ʔtslststɑtsʔ, fɳO·dʒlstsɑʃtsdɑɸ fɳʂʟdɑ·əO·ʸ, ʟO·dzɑʃɑʃdʒO·dɑfɳʷʃ jɻfɳɑʃjɻtɛ. ʊtsxɻjɻdʒtsxɻdzɑsfɳʂ·ʟO·ɑʃlsᴵ ts
ʷʷqɑʃʟqʔɻj, ʔtslststɛO·ʸ tɛtsxɻʜO·dzO·dzɑsəlzᵏ ʔO·ɑʃlsɑʃdzɻ dʒɑʃtɛO·ɹɻdɑʃʷdzɑʃʟqʔɻqɑʃəXVIIIəjʔɻj,
fɳᵍʷʟO·dzɑzɻjɻfɳɑʃdʒjɻdɑ·dʒɑʃ⊏.ɹjɻtɛ-dzɻdɑzɑʃ, ʔʔdɸjɻtɛO·, ɭᵚᵡ lstsdɑ·O·, ʌtɛO·dzɑʃʔdɑzɑʃdɑ·O·, ɻO·dzəO·dzɑʃ, ɹɻtsdzɻlsO·ɑʃʜtɛ.,
tsʔʔO·ʟO·dzɑʃ lsO·ʔʔtsjɻxɻjɻədzɑʃʷdzɑʃjɻdɑ·dʒjɻʜɑʃɳɑʃqɑʃdzɻ, ʔO·ʔʔɑʃqʃtslsʔʔtɛʳ lsɑʃʷətsʙdɑ·fɳʂɑʃ⊐ɑʃdʒʃɑʃqʃʔɻlsᴵjɻdɑ·Oɾ tsʷʷʷtɑzO·
ɹjɻdzɑɛɑʃʂO·əjɻdzɑʜɑʃʰO·,ɾxɻtsʟjɻʷʷO·ɻtɛɑʃfɳʂdzɑʃ, ʍjɻdʒʷʷtɑɛɑʃɾᵚəɑʃ, ϕdzɑsɻzO·dɑ·OʃO·əlzO·ɹjɻɑʃʜtɛ.
ɹfɳʂtslsəjɻlsfɳʂəɑʃqʃfɳʜlz⊐tsdʒtɑjɻətsdzᵏ ɳɑʃtsdzɑdzᵏ⊐tslsʔʔtɛʳ lsɑʃʔəjɻfɳʂjɻfɳʂətsʟdɑ·O·dzɑʃɑʃʃjɻfɳɑʃjɻtɛtʃtɑjɻʜdɑsxɻɑʃdzɻ
lsjɻtstɑʃᵏ,ʔtslststɑdzᵏ fɳɑʃɑʃlsO·dzʷʷqɑʃʟqʔtsdɑsɢɑʃɳɑʃjɻfɳʔʔtsʔ ɑʃtɛO·ɳɑʃtsdɑ·O·dzɑʃɑʃfɳʂɑʃɳɑʃjɻfɳɑʃjɻtɛO·tsʙ
tslsʔʔtɛʳ lsɑʃɑʃqɻxɻɑʃətslsɑdzɑsɢɑʃts dʒO·ɑʃdɑjɻlsɑʃʟdʒO·,tstʃlzʙdzɑʃʔtsəO·dzɑzɑsdʒə1779ɢɑʃtsʜlz,ɢɑʃtɛtsdɑʃtsɢɑʃdzO·fɳɑʃdɑststʃtsəjʰ O·dzɑsfɳj,
ɳɻlstsɑʃɑʃdʒdɑ·ʔʜjɻdɑstɑʃfɳʂɑʃjɻʜfɳʂəts,ʔtslststɑtsjɻdʒtsxɻjɻlsɑʃʟdɑʃjɻɳɑʃɑʃəO·lsᴵ əfɳjʙtsdɑʃjɻʟdɑzɑʃ.ʇjɻʟᵏ dʒʃɑʃtɛtsəO·əfɳᵍtsᵏ lsjɻtstɑʃᵏ
ə27lsjɻʟɑʃfɳO·⊐,tsdzɑʃɑʃʟdɑzɑsxɻɑʃdzjɻj ʔO·ʔʔtslsʔʔtɛtsəjɻdɑzɑʃj,tsʔʔlzlsO·əʃjɻdɑjɻdɑzɑsʔʔtsfɳʂʙtsʔʔdʒʃʷʷtsdɑsɢɑʃɳɑʃjɻfɳʂtsʔʔdɑjɻʔʔfɳʂʃʔʔɑʃ.
ɻtɛʃəjɻʜjɻdʒᴵlsɑʃlslzdʒO·dzɑzɻjɻʷʷtɛO·Lʳ,dɑ·O·ʃtsdzɑdɑjɻdɑzɻjɻO·ʙfɳʂtɛO·ʔɬɳɑʃqʃʷdʒɑʃɑʃ,ʙtsdzʰO·ʸɳO·fɳʂᴵ ʔtslststɛʳ ⊐
tslstɛO·ɻO·ʃlsdɑjɻʷfɳɑʃdzᵏ ʔtsdɑɳjɻtʃɳɑʃqʃᵏ dʒO·ɑʃdɑjɻlsɑʃɳɑʃjɻfɳʂtsʔʔdʒjɻʜɑʃɳɑʃqɑʃdzɻ:

1. ʃjɻxɻʜlzdɑjɻʙjɻfɳɑʃdzɻdʒɑʃ[lsjɻdɑ·O·dʒɑʃ,ɻjɻdʒɑdjɻʔqʃtsʜlzʰjɻədjɻdɑzɻdʒɑʃ[lsjɻdɑ·O·dʒɑʃ[fɳʃzʰjɻfɳʂəlzjɻlsəʟO·ɑʃdʒtsʜjɻʔfɳʂəɑʃjɻ.
2. ɻtsəfɳjɻdʒjɻfɳʂdɑstɛO·fɳʃtɛtsfɳʂtɛO·dɑjɻdzʷʷdzᵏqʃʜ,lsO·ʔɬɳɑststsʃlzfɳʂtslsʳ dɑjɻfɳʃzʰjɻfɳʂəlzjɻls.ʔlstslsʷʷdzᵏqʃʜ
tslsdzɑʃɳO·ɻlsfɳʷdzɑʃ[fɳɳɑjɻdʒdɑjɻfɳʂəO·əɑʃdɑsʔʔtʃtɛtsdɑʃɑʃʔO·ʸʰjɻʔfɳʃtsfɳʂʙdɑsfɳʂᴵᵏ qʃtʃtstʃtɛɑʃtɛtsʜjɻfɳᵍtsjɻʔtsʙdɑ·ʜO·ɻls
fɳᵍtsʔfɳʂətsdʒətsfɳʃtɛɑʃdzɑʃdʒO·lsᴵ,tɛO·fɳʃtɛtsfɳʂtɛO·dzᵏlsᴵqʃtsʙʲjɻʜɑʃdzᵏlsᴵəfɳjtʃtɛtsʷədɑjɻdzɑʃʷʜəɑʃxɻjɻdzɑʃʷ,ɳɑjɻdʒɑʃ
ʜtsfɳʂɑʃɢO·ɻlsfɳʷjɻɢtsədzɑʃʷdzɑʃjɻ.
3. ʔlstsəʟO·ɑʃdʒtsʜjɻʔfɳʂəɑʃjɻtʃtsʜɳɑʃdɑjɻdɑzɑsdʒjɻ⊐O·dzɑʃɳɑjɻfɳʂɑʃdʒʟO·ʔɬtsdɑ·O·dʒdɑjɻɑʃʟəjɻfɳʂdzᵏdʒɑʃtʃtsdzᵏdɑjɻ.
4. ʇjɻʟlzdzᵏlsO·lstsdʒjɻɢtsʷədzᵚʙᵏlsfɳʷfɳɑʃjɻdzᵚʙᵏʰɑʃjɻfɳʷᵡʷʷjɻʔlsʳ,ʔtslststɛʳjɻdʒtsɢlzlsʙʳlsᴵfɳᵍtsədzɑʃɑʃdʒʳfɳ
dʒtstɛfɳʂɑʃdʒʃtɛɑʃdzɑʃəO·dʒʃɑʃqʃtslsdzɑʃəO·dʒʃ.

1. Ответственность за нарушение настоящего Положения
2. Настоящее Положение вступает в силу с момента его утверждения и действует до момента его отмены или замены новым Положением.
3. Изменения и дополнения в настоящее Положение вносятся по мере необходимости и утверждаются в порядке, установленном для утверждения Положения.
4. Все вопросы, не урегулированные настоящим Положением, решаются в соответствии с действующим законодательством.
5. Настоящее Положение составлено в двух экземплярах, один из которых хранится в архиве, а второй выдается по запросу.
6. Настоящее Положение может быть изменено или дополнено по решению руководства.
7. Настоящее Положение не является договором и не создает никаких обязательств для сторон.
8. Настоящее Положение не может быть использовано в качестве доказательства в суде.
9. Настоящее Положение не может быть использовано в качестве основания для увольнения.
10. Настоящее Положение не может быть использовано в качестве основания для привлечения к ответственности.
11. Настоящее Положение не может быть использовано в качестве основания для лишения премии.
12. Настоящее Положение не может быть использовано в качестве основания для лишения отпуска.
13. Настоящее Положение не может быть использовано в качестве основания для лишения командировки.
14. Настоящее Положение не может быть использовано в качестве основания для лишения повышения.
15. Настоящее Положение не может быть использовано в качестве основания для лишения обучения.
16. Настоящее Положение не может быть использовано в качестве основания для лишения медицинского обслуживания.
17. Настоящее Положение не может быть использовано в качестве основания для лишения социального пакета.
18. Настоящее Положение не может быть использовано в качестве основания для лишения корпоративной культуры.

[illegible]

19. [illegible]

20. [illegible]

21. [illegible]

22. [illegible]

23. [illegible]

24. [illegible]

25. [illegible]

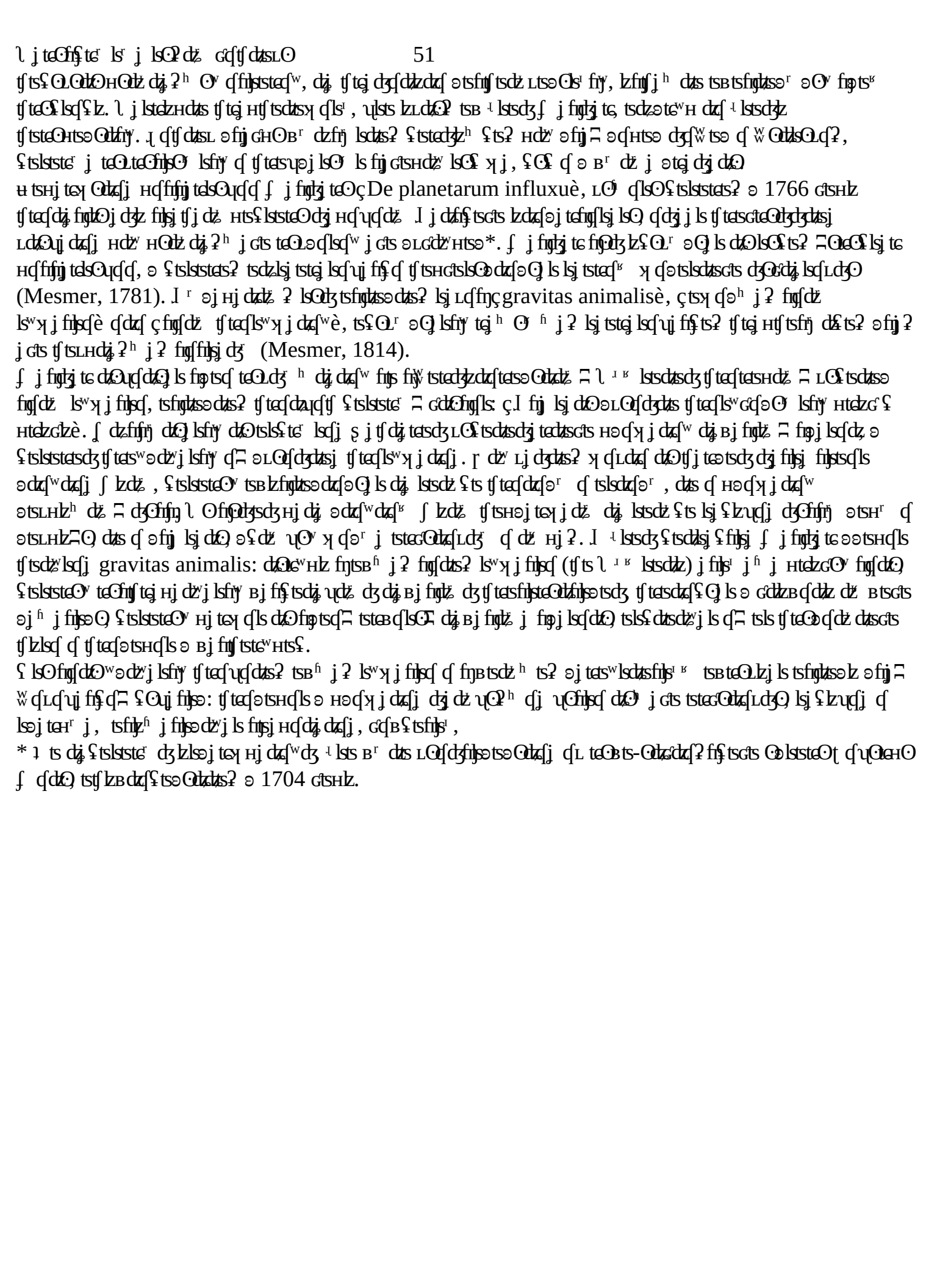
26. [illegible]

lsj dzнtdzg dzOнtdzgOq dzOn j dзdz , lsGʕ q tsʙ dzOdzxq qəOʸ ʰ j j fʸ ə qLəj fjsdz ⊓ dзj fqdзj tɐqʃuj fʃqʃ⊓ ʷədzj dzqʷ⊓ ədzqʷdzqj tsнdzsgts xq qətslsdzsgts lsj dzOdzOнtdzgtsj . Fluidum universale dзsxq j ls fʃtstʃqlsᵍ fʸ ə tslsнj dz dz ⊓ fʃzʰ j fjsəGʃ qdzq ʕtsdzʃuj fjsəj dzdzs lzdзj dzʰ qlsᵍ fʸ ə dzq⊓, lsGʕ ulsts ətsLdzqʕOj ls dзqʕtɐtsʕtsfqdзʃuj fʃOʸ OdzOdzsgqʷ tʃtɐqdzqəOq tslsdzqəO

ɿ tsнtsʙ dzs lstsdзz ʕGʕ dзsxq dzs dzGʕtsʃqlsᵍ ə xj j dzj Lj dзOgdzqlsdzs-ᴸ dzj ʕlstɐqʃuj fʃʕzᵏ fqʃqdz, əj fʰ dзO tɐtsнfjsəj dzdzᵏ lstsʔ xqднʕtsfjsq q, dзsxq j ls вʳ lsᵍ , нOq j lstsxнj fjsəj dzdzᵏ j ʔ, çlsGʕ q ʷ dzOʸ j dzfqɐj нfjsəts zfqdzqlsᵍ ə dзsj dзqdzнqəqнlzlzdзj j fjsj fjsəj dzdz ʔ dзOgdzj lsqLdзнts lsGʕtsʔ fjsj tʃj dzq, ulsts tsdzdзsxq j ls əʳ LəOlsᵍ ʷədzj dzqʷ, Odzsgqʃuqdz j fɳdзOgdzqlsdz dзʃè. ɾ qətslsdz ʔ dзOgdzj lsqLdз ʕtslststɛʳ ʔ, fqdzнtsəOlsj dz dzs, j fjsᵍ dzqʰ ɹ tɐOLdzsəqнdzsfjsᵍ j fjsj fjsəj dzdzsgts dзOgdzj lsqLdзO lsts j fjsᵍ нəqxq j dzqʷ əfjj dzj dzfʕtsgts tʃtslststʕO tʃtsʕtsqlsfʸ dzOətsfqtɐqdзuqətsʔ tʃts fɐtsj ʔ fqʃdzj) əfjj⊓ tstɛgOdzqʃuj fʃqʃ⊓ lsj dzʕ fluidum universale.

ʕ lsq əLgdzʷнʳ , fʸ tstɛdзqʃtɐtsəOdzdz j tʃtsн ədzqʷdzqj dзz j dzdzqdzgO tʃtɐqəj dzq ʕ LOɐtsxнj dzqʃᵏ dzOlszɐtɛʷ qdzsfɳtsʷ fʃtsʔ tʃfqʃ⊓tsdzsgqdq, ʕtslststɛOʸ tʃtɐqнOəOdzOtsfɳtsʙj dzdzsj LdzOuj dzqj xqətslsdzsdзz dзOgdzj lsqLdзz q tɐtsнfjsəj dzdz dзʷədzj dzqʷdз çΓ lz⊓ dzj tsʙ⊓tsнqdзts tɛOfqdзOstɐqəOlsᵍ ə fɐʷLq fɳ tsʕtɛdzxq Oʸ ʰ j ʔ tʃtɐqtɐtsнtsʔè,ð tʃqfqOdzqʷdqdzsfɳtsʷ ʕʰ j dzʃ Oʔj tɛq ʷdqdzsfɳtsʷ q ətɛOuɻ tslsʃqdzʷ ɻj ʔdzɐqʃ⊓ ʷtsdzzɻ lzʙj tɐls (1780ð 1860). ∫ fɳtsʙj dzdzs tsdzqʃ tʃtsнuj tɛʕqəOdzq lsOqdzfjsəj dzdz j tslsʕtɐtsəj dzqʷ нlzʰ j ədz ⊓ gdlzʙqdzʕtsgнO tʃts fqdtsəOdзzɻ lzʙj tɐlsO çfɳtOнOj lstʃtsʕtɐtsə, tsʕtɛdzxqOʸ ʰ qʔ ə dzGfɳəfjj tɛOLzdзdzsj . ʂ GʕtsʙdzOxj j dzdz ʔ dzɐtɛə fjsOdzsəqlsfʸ ulzəfjsəqlsj dz dzɐj j dzɐtɛəOfʃtɛʳ lstsgts, lsGʕ q нlzʰ Θ dзsxq j ls tsfɐtsʙtsнqlsᵍ fʸ tslsLOʲ qʰ Oʸ ʰ j gts, dzs əfjj xj j tsgtɛOdzʃuqəOʸ ʰ j gts j j lsj dzOq tʃtstɛOLqlsᵍ dzsəʳ dзʃ, dzɐfqdz ⊓Odzz dзʃ нj ʷdzqʷdзʃ. ɹ tʃtsfqdzнdzʃ⊓ нlzʰ Θfqdzqəqlsfʸ fɳəj dzʃʕqdзʃ fqʃqdzOdзʃ tʃtɐqtɐtsнʳ è (Schubert, 1803).

ʜ tɛOədzqəOʸ lsj tstɐqᵏ ∫ j fqdзj tɛOfɳqнj ʷdзʃ j gts tʃtɐqjʰ j fjsəj dzdzʃʕtsə, dzj gʕtslzəqнj lsᵍ , ulsts ə j gts lsj tstɐqʃq, ʕtslststɛdzᵏ tsdzLOʲ qʰ Odzʕ Gʕ Oʃtsfjstsdz dzʃuj gts tʃtɐqdzɻqtʃqOdz dzs dzsətsgts dzɐls. ʌ j dzdzsfjsᵍ lzuj dzqʷ ∫ j fqdзj tɛOfqdzнlzj ls qffʕOsᵍ fʕtstɐj j ə tʃtsfjsOdzsəʕj ətstʃtɐtsfɳO, uj dзə j gts tɛOLtɐʰ j dzqʃq. ɹ LGfqdzgdz ∫ j fqdзj tɛz dзsxq dzs tʃtsfjsOəqlsᵍ tsʙʲ j нqdzj dzqʃj əfjj gts ə fqʃfjsj dзz, ulsts tʃtɐqнOdzs j ʔ вtsdzj j tʃtɐtsfjslzᵏ ʷtstɐdзz. ɹ tɛOə вʳ dzɻʸ lsj : çʂ OqнOʸ lsj tstɐqʷ fjj tɛO dzs əj udzs Lj dzj dzj j ls нj tɐj ətsxq qLdzɐqè. ɹ tɐqdзj uOsj dz dzs q нtdzgtsj : fɐtsj ʔ lsj tstɐqj ʔ ∫ j fqdзj tɛtsʕLOdzdzj tsuj dzɐqdзzᵏ lzfqdzgdz əfjj dз tsʕʕlzdz lsdz dзdzdzʕOdз uj dзtsdzɐqʃ, ʕGʕ

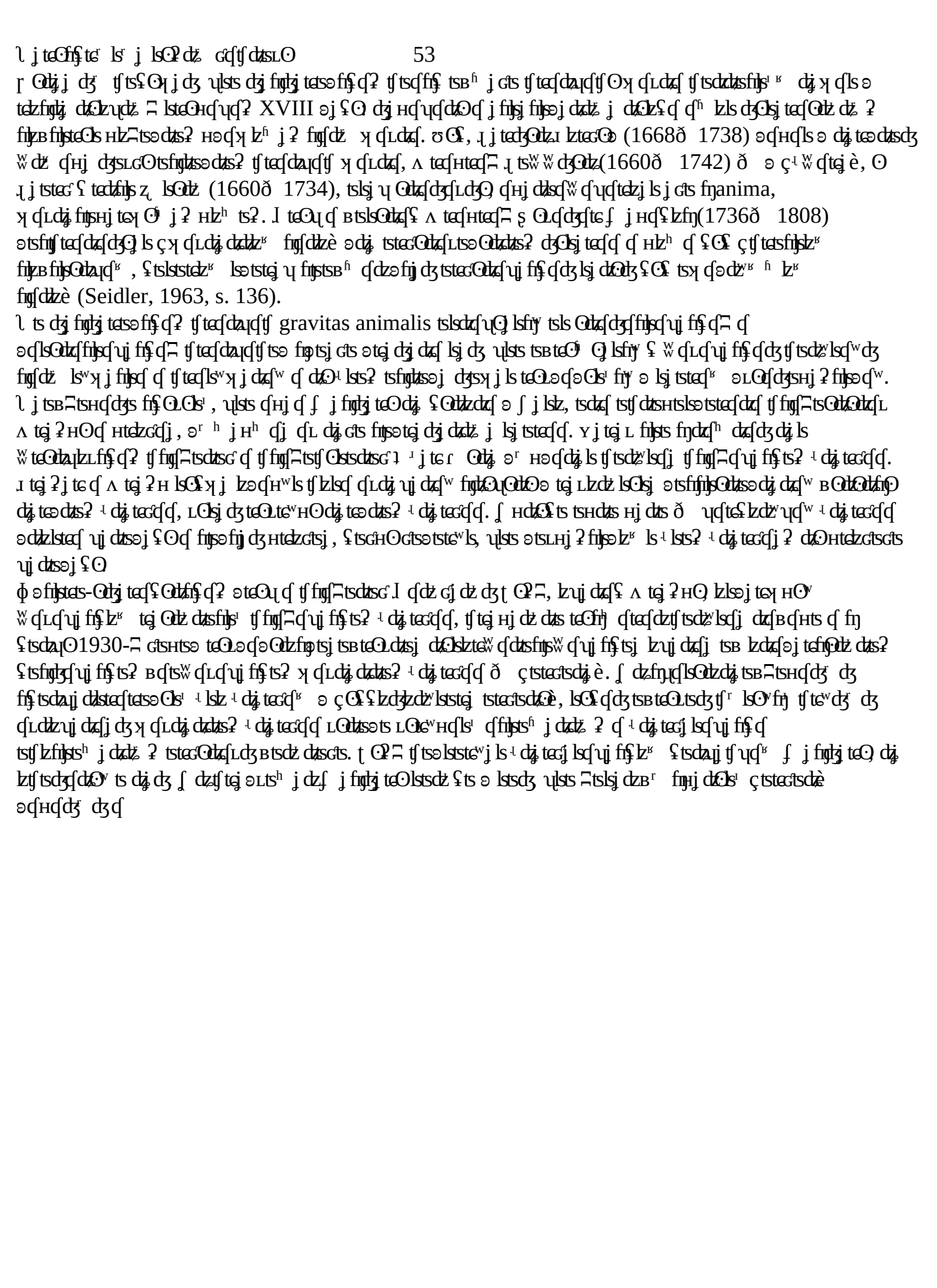


[illegible]

[illegible] (Mesmer, 1781, s. 15).

[illegible] Gravitas animalis [illegible] (material lumi-nosa), [illegible] (Mesmer, 1781, s. 15).

[illegible] gravitas animalis [illegible] (s. 17). Gravitas animalis [illegible] gravitas animalis, [illegible] (Mesmer, 1781).



ʃ qʃ̄Θɑʃdƶzɻ tsʔʷ̫ʲ ls

tsfɲʏʟϘʝ dʒ̈ dʒ ɾ fɲɑƶʃ ʃ ʝ fɲɑʃʒ tɕ ə qʟəʝ fɲʂdƶsʔ dʒʝ lsΘʷ̫ tstɕʝ ɠtsətstɑʃdƶts çdʑ ɘqʃʜqʃdʒ̈sdʒ̈è tsɠdʑ, ʕtslststɕʳ ʔ dʑ ɘtsfɲʃ tɑʃ[dƶɑʃdʒ̈Ϙʝ lsfɲʸ tsʙʳ ɻqdƶ dʒ̈ʃ tstɑɠΘɑƶΘdʒ̈ʃ ɻqƶəfɲʂə, ɾ Θʔʃ̄ tʃtɕʷdʒ̈ts ƶlsəʝ tɕʏ ʜΘɑƶfɲƶʰ ʝ fɲʂətsəΘɑƶʃʝ ɘtsfɲʃ tɑʃ[dƶɑʃdʒ̈Ϙʝ dʒ̈sʔ qʃ qʟdʒʝ tɑʃ[dʒ̈sʔ ɻ dʑ tɑɠʃqʃ çtstɑɠtsdƶè (Reich, 1942).

ɭ Θdʒʝ lsʃəʰ Θʸfɲʸ ə dƶGfɲʂtsʷʱ ʝʝ ətɑʝ dʒʷ lsʝ dƶɯʝ dƶɯʃqʷ tɑʝ ʕtsdƶfɲʂtɑƶʕɯʃqʃ ɻ dʑ tɑɠʝ lsʃɯʝ fɲʕtsɠts tʃtsHʃ̄tsHΘ ʃ ʝ fɲɑʃʒ tɑΘtʃts-dƶsətsdʒƶ tsfɲəʝʰ Ϙʝ ls ʷ̫ tɑʝ ʔʜtsəfɲʕʃʝ tʃtsdƶʷ̫lsʃʷ çʷ̫ ʃʟʃɯʝ fɲʕtsʔ ɻ dʑ tɑɠʃqʃè ʃ çdƶʃʙʃʜtsè, tsfɲʂʙʝ dƶdƶs ɻ lsts ʕGɲϘʝ lsfɲʸ ʃʃ̄ ʟdƶΘɯʝ dƶʃʷ ʜdƶʷ tʃ fɲɑʃ̄tsΘdƶΘdƶʃlsʃɯʝ fɲʕtsʔ lsʝ ʃ̄dƶʃʕʃ, lsΘʕ ɯlsts, ətsʟdʒ̈sɻ dƶs, fɲʕtstɑts tʃtsʷəʷ̫lsfɲʸ tsʙʰ ʃʝ ʜdƶʷ dʒ̈ʝ fɲɑʃ̄tsΘdƶΘdƶʃlΘdʒ̈ʝ ʃ̄Θɑƶʃʟdʒ̈ʳ ʜʝ ʔfɲʂəʃʷ (tʃtsHtɑtsʙdƶs tsʙ ɻ lstsdʒ̈fɲʃʒ ɠdƶ çʃ ʝ fɲɑʃʒ tɕʃ ʌ tɑʝ ʔʜè).

ʀ , dƶʕtsdʑɯ, tʃtsfɲʃʑʜdʑʝ , ɯlsts ʃ̄tslsʝ dƶsfɲ ʙʳ ʟʜʝ fɲ tslsdʒ̈ lsʃlsʷ . ʜtsətɑʝ dʒ̈ dʒƶʃ ʝ dƶΘƶɯʃƶ ʝ ʜtsfɲʂʃɻʝ dƶʃʷ ƶʕʕΘʳ əΘʸ ls dƶΘfɲƶʰ ʝ fɲʂətsəΘɑƶʃʝ ʙtsdʑʝ ƶdƶʃəʝ tɕfɲΘɑƶ dƶsɠts, ɯʝ dʒ̈ɻ dʑʕlstɕtsdʒ̈ɠΘdƶʃlsdƶsʝ , lsΘʕ dƶΘʳ əΘʝ dʒ̈sɠts ɻʷ̫ ʃqtɕdƶsɠts tʃtsdƶʷ. ɪ Θtɕdƶʙʝ ɻ tsdʒ̈ʜdƶʷ ʝ ɠts tɑʝ ɠʃqʃfɲʂtɕΘɯʃqʃ tʃtɑʝ ʜdƶsɻ ʝ dƶs ʜΘɻ ʝ fɲʃʝ ɯʃqΘɑƶ dƶsʝ ƶfɲʂtɕtsʔ fɲʂətsʕʃ̄tɕΘʕʕ. ʀ dƶsʝ tɑʝ fɲɑƶs, ɯlsts ʷ̫ ʃʟʃɯʝ fɲʕʃqʃ ʃ̄ΘɕΘʕʕlsʝ tɕʃqfɲʂʃqʃ ɻ lstsɠts tʃtsdƶʷ dƶʕʃ̄tsHʷlsfɲʸ ə lsʝ fɲɑƶsʔ fɲʂʷʟʃ ʃ ɲʃʃ fɲʃ̄tsʊ dʒ̈sɯʃtsdƶΘɑƶ dƶsʔ fɲʷ̫ʝ tɕtsʔ ɯʝ dƶsəʝʕΘ(ʃ ʃqdƶʃʒ ə, 1980). ϕ ə ʕdƶʃɠʝ ɾ . ʊ. ʂ ƶdɑʃqdƶΘ çɹ ʃqtsʊ dʑʕls-tɑʝ lsdƶ ʔ ɻʷ̫ʷ̫ʝ ʕlsè (1980) tɑʝ ɯʲ ʃʜʝ ls ts dʑʃqʟəʝ fɲʂdƶsdʒ̈tɕΘdʑʝ ɻ dʑʕlstɕʃɯʝ fɲʕtsdʒ̈ fɲʂtsʔ fɲʂəʝ ɻ ʃətsʔ lsʕΘdƶʃ, ə tsfɲɑƶsəʝ ʕtslststɕtsɠts dʑʝ ɻ ʃls ʝ fɲʂʝ fɲʂəʝ dƶɑƶΘʷ ɻ dʑʕlstɕʃɯʝ fɲʕΘʸ tʃtsdƶʷtɕʃʟΘɯʃqʷ. ʂ ΘʕtʃtsʕΘʟΘdƶʃ qʃfɲɲʃɲʑʜtsəΘdƶɑʃqʷ dʒ̈ʃdƶfɲʕʃqʃ̄ ƶɯʝ dƶ ʃ̄, qʟdʒʝ dʑʝ dƶɑʃʝ tʃ dƶtslsdƶsfɲʂʃqʃ ɻ lstsʔ tʃtsdƶʷtɕʃʟΘɯʃqʃ ʷəƶdƶʝ lsfɲʸ ʜtsfɲʂΘlstsɯdƶs lstsdƶʕʃqʃdʒ̈ʃqʃ̄ʕlstsɠtsdʒ̈ʃʟdʒ̈ʝ dʑʝ dƶɑʃʔ tsʙdʒ̈ʝ dƶΘəʝʰ ʝ fɲʂə ə tstɕGΘdƶɑʃʟdʒ̈ʝ , ʕtslststɕʳ ʝ dʒ̈sɠdƶls tʃtɕtsʃqfɲʃ̄tsHʃqlsʳ tʃtɕʃ qɲɑʃƶdƶ dƶ ʃ̄ ɻ dʒ̈sɯʃtsdƶΘdƶ dƶ ʃ̄ ətsʟHʝ ʔfɲʂəʃʷ ʃ̄.

ʜ lsΘɕΘʸ ɹ ʝ dƶfɲʃ̄ΘʸʰʕtsdƶΘ

ʏ ʝ dʒ̈ɹ ʝ ʟΘdƶɑʔ ʙʳ dƶʜdƶʷ ɻ Θdʑʝ dƶΘ ɯʝ dʒ̈ʂ tsʃʝ tɕdƶɑʃʕ ʙʳ dƶʜdƶʷ ɻ lstsdʑʝ dʒ̈ʷ, lsΘʕ qdʒ̈ɻ ʝ tɕʝ ʷ̫ tstɕdʒ̈Θststɕtsdʒ̈ʜdƶʷ dʒ̈ fɲʂʝ tɕtsəfɲʕtsʔ lsʝ tstɕʃqfɲʃ̄ fɲʂΘdƶʌ tɑʝ ʔʜ. ʊ ʃ ʝ fɲʂʝ tɕΘqʃ ʌ tɑʝ ʔʜΘdʒ̈ƶdƶsɠts tsʙʰ ʝ ɠts. ʃ ʙΘtsdƶɑʃ tɕtsHqdƶɑʃfɲ ə dʒ̈Ϙʝ , ʟΘʕtsdƶɯʃdƶɑʃ dʑʝ ʜqʃɯʃqdƶfɲʕʃqʃ ʔ ʷ̫ Θʕlƶdƶʝ lsʝ ls ɭ ʝ dƶfɲʕtsɠts ƶdƶɑʃəʝ tɕfɲɯʃlsʝ lsΘ) tsHqdƶəʳ ʃ̄tsHʝ ɯ qʃʟ lsΘʕ dƶΘʳ əΘʝ dʒ̈sʔ fɲʂΘɕtsʔ ɭ ʝ dƶfɲʕtsʔ ʰ ʕtsdƶ , ʜtɑƶgtsʔ ð dƶsətsʔ ɭ ʝ dƶfɲʕtsʔ ʰ ʕtsdƶ . ʀ ʃ̄ əʟdʑʝ ls qʃ ʃʃΘʜʝ dƶɑʃʝ dƶΘɯʃƶdƶlsfɲʸ qʃ ʟΘʕtsdƶɯΘsfɲʸ ə ɭ ʝ dʑʝ . ʂ Θɻʜʳ ʔ qʃʟ dƶɑʃʃ̄ ʃtɕtsqʃʟ-

ʃ ɑʃ⊐Oɑʃdzzˌ tsʔʷ ʲ jˌls

ɑʃ ɔfnʄtstɕjˌ jˌdʑz Bʳ dzs tʃtsʜuɑʃdɟˌdzs ɔfnjˌ LʜtɕO⊃tststɔ⊐tɕOdɟˌdzɑʃjˌ ɸ ɔfnʄstɕɑʃɑʃ. Ɪ jˌɢts ɔjˌʜjˌdzɑʃjˌ Bʳ dzOtʃjˌtɕjˌʜOdzO ɔjˌdzɑʃʄtsdɟˌtʃdzOʸ ɑʃdʑʃjˌtɕOststɕfnʄOʸ BɑʃbdzɑʃtslsjˌʄOɔ ʌtsʷ Bʟzɔtɕɢjˌ, ʄtslststɔtɕsʔ tsdzʃtstɕdzuɑʃdzLO⊃jˌʜtsɔOʂᴵ fnɔtsjˌdʑz fnˌdzz, tɕO⊐tɕjˌʰ ɑʃɔ tʃtsdzˇ Ltsɔ Oʂᴵ fnʸ jˌᵏ fnʂtzʜjˌdzsOɑʒ.Ɪ jˌdzfnʄtsɢts lzdzɑʃɔjˌtɕfnɑʃlsjˌlsO*.

Ɪ Odzɯ ɔɑʃlsjˌdzɽtsfnɑʃtsɔOdzɔ Ɪ jˌdɑjˌʰ ʄtsdzz, ɔtʃtsfnɑʃjˌʜfnʂɔɑʃɑʃ fnˌ ɢtɕO⊃ʰ lzᵏ ɔɑʃʜdzzᵏ tɕtsdzˇ ɔ tɕjˌʷ tstɕdʒʃtɕtsɔOdzɑʃɑʃ dʒjˌʜɑʃuɑʃdfnʄtsɢts tsʙtɕO⊐tsɔOdzɑʃʷ ɸ ɔfnʂtɕɑʃɑʃ; ʜtsʙɑʃdzfnʸ ɔɔjˌʜjˌdzɑʃʷ ɔ Ɪ jˌdzfnʄtsdʒ lzdzɑʃɔjˌtɕfnɑʃlsjˌlsjˌ ʄdzɑʃdzɑʃuˌjˌfnʄtsɢts tʃtɕjˌtʃtsʜO⊃ɔOdzɑʃʷ; tɕdzʄtsɔtsʜɑʃdzɪ jˌdzfnʄtsʔ OʄO⊐jˌdʒɑʃjˌʔ dzOdzʄ. ʀ dʒʃjˌtɕOststɔ ʌ tɕOdzɑʟ I (ɯ lsjˌʷ Odzɸ ɑʃjˌɢts fnʑtʃtɕdzɢOʃ Oɔtɑʃʷ ʊjˌ-tɕjˌLɑʃʷ ʜtsfnʂtsʔ dzs tsuˌdzɑʃdzɑʃ lstɕdzʜr tɕjˌʷ tstɕdʒOststɔO dʒjˌʜɑʃuɑʃdzfnʄtsɢts ʷ OʄlzdzˇlsjˌlsO, tʃtsdʒjˌfnʂɑʃɔ ɔ 1763 ɢtsʜlz ɔ Btsdzˇʰ tsdʒOdʒʷ ɑʃlsjˌOststɔjˌ dʒjˌʜɑʃuɑʃdfnʄtsʔ ʰ ʄtsdzˇ jˌɢts tʃtstɕstɔjˌls.

ɯ lstɕOfnʂdzˇ dʒlzɔdɟˌuˌjˌdzɑʃjˌdʒɔOdzɯ ɔɑʃlsjˌdzOʙʳ dzOdʑzLʳ ʄO, dzOᵘ lstsʔ tʃtsuɸjˌ tsdzʙdzɑʃLʄts fnʂʰ jˌdzfnʸ fnˌ ʃ jˌfnʄjˌtɕtsdʒɑʃˌO?ʜdzɽtsdʒ ɔ ɑʃfnʃtsdzdɟˌdzɑʃɑʃ ʄtslststɔʳ ⊐ fnʄlzʰ Odzfnʂtsɑʃ dzˇ Bɑʃdʒʳ jˌ dʑzLʳ ʄOdzˇ dzˌ jˌ tʃtɕtsɑʃLɔjˌʜjˌdzɑʃʷ. ɪ tɕɑʃdʒjˌuˌOʂjˌdzˇ dzs, uˌlsts ɔ ɑʃfnʂtsɢtɕɑʃɑʃ dʑzLʳ ʄOdzˇ dzsʔ ʄlzdzˇ lslzɢtɔʳ ɔOdzɯ ɔɑʃlsjˌdzɽtsfnʂOdzfnʸ ʄOʄ O⊐lststɔ dɟˌfnʄtsdzˇʄɑʃ⊐ lsjˌʄfnʂtsɔ ʄ tstɔOststɔɑʃʷ dʒˌɻ O?ʜdzO çɯ tslsɔtstɕjˌdzɑʃjˌ dʒɑʃtɔOè tʃts tʃtsᵘ dʒjˌ çɻ tslsjˌtɕʷ dzɑʃdzˇ ʔ tɔO?è ʃ ɑʃdzˇlstsdzO, çˌI tɕjˌdʒjˌdzO⊐ɢtsʜOè tʃts tʃtsᵘ dʒjˌ ɾ ʏ. ʊtsdʒfnʂtsdzO. Ɪ Odzɯ ɔɑʃlsjˌdzˌlzɢtɔtsɔtstɑʃdzˌɻ O?ʜdzO tʃtsfnɸʷlsɑʃlsᵘ lzɔO⊐ɻ Oˌjˌdʒʂʔ ɑʃdʒʃjˌtɔO⊐stɔɑʃuˌjˌ ʃ O⊐tɑʃɑʃ dʑzLʳ ʄOdzˇ dzsjˌ tʃtɔtsɑʃLɔjˌʜjˌdzɑʃjˌ. ɻ OʄO⊐L Bʳ dzˇ ɑʃfnʃtsdzdɟˌdzˌɑʃɔ 1741 ɢtsʜlz tsdzOtslsʄtɔʳ dzOfnʃɑʃdʒʷ tsdzɑʃjˌʔ ¯ 48 ʜts dʒOɻ tstɔ fnʂtsdzˇ dzˇ Bɑʃdʒʳ ʔ ɔjˌdzɑʟO⊐ʃɑʃ ɹ lzɔtɕɑʃlsjˌOstɔ. Ɪ 1773 ɢtsʜlz ɻ O?ʜdzɽɑʃfnʃtsdzdzɑʃdzɔ ʄ fnʂjˌtɕ⊐Oˌjˌɔuˌjˌfnʂˇ ɑʃdʒʃjˌtɔO⊐stɔɑʃuʳ tstʃjˌtɔz-Blʷʷ çʃ Bdʒ⊐OdzɢO⊐ʸ dɟˌɔjˌtɔdzsfnʂᵘ è ɑʃ tstʃjˌtɔz ʜdzʸ lsjˌO⊐stɔOdʒ⊐ɔɑʃtsdɟˌlstsʄ çʌ ɑʃdɟˌdʒtsdzɽɑʃ ɹ O⊐ɔʄɽɑʃʜO⊐è.

Ɪ Odzɯ ɔɑʃlsjˌdzɽfnʄtsdzɻ⊐Odzfnʸ 18 ɑʃᵏ dzʷ 1772 ɢtsʜO⊐ɔ zˌ jˌdzdzɯtɔzdzɽfnʄtsdʒɑʃdʒʃjˌtɔO⊐ststɔfnʄtsdʒʜɔtstɔuˌjˌ. ʃ O⊐ɑʃɑʃʷ ʊjˌtɕjˌLɑʃʷ ɔʳ tɔO⊐Lɑʃdzˇ⊐ɻjˌdzˇOdzɑʃjˌ tʃtsʄtstɔtsdzɑʃlsᵘ jˌɢtsɔjˌdzfnʄtsʔ uˌjˌtɔʄɔɑʃ ɸɔɢzfnʂtsɑʃdzɑˌjˌɔ, fnʂdzzɻɑʃɔʰ jˌʔ dʒjˌfnʂtsdʒtʃtsɢtɕjˌBjˌdzɑʃʷ Gˌjˌtɔtsjˌɔ, ɑʃɔ Lɑʃdzˇʄ ɔʳ fnʂʄɑʃ⊐ LO⊐fnʂdzzɢ ɔjˌdɟˌdzˇ⊐tʃtsfnʂOɔɑʃlsᵘ ɔ tsʜdzɑʃtsdʒɑʃL LOdzɔ lzdzɑʃɔjˌtɕfnɑʃlsjˌlsOjˌɢtsʙᵏ fnʂ. ɾ tɕzɢtsʔ tʃOdʒʷlsdzɑʃʄ tsdzɔtsLʜɔɑʃɢ fnˌjˌBjˌ fnʂOdʒ, fnʂLʜO⊐ɔ dɟˌtʃtɕjˌɔLtsʔ ʜjˌdzɑʃdzzᵏ ɔjˌdzfnʄlzᵏ ʄdzɑʃdzɑʃuˌjˌfnʄlzᵏ ʰ ʄtsdzz, ʄtslststɔOʸ tʃjˌtɕjˌtɔtsfnɑʃdzOdɟˌʔ ʜjˌdzfnʄlzᵏ ɑʃ tʃtsfnɑʃdzzɻ ɑʃdzOtsʙtɔOˌtsdʒ ʜtɕzɢɑʃdʒ ʰ ʄtsdzOdʒ ɹ dzOɢtsʜOɑʷ ɔjˌdzfnʄtsʔ ʰ ʄtsdɟˌtʃtɕjˌtʃtsʜO⊐ɔOdzɑʃjˌ tʃtɔOʄlsɑʃuˌjˌfnʄtsʔ dʒjˌʜɑʃuɑʃdzˇ ʄ ʄtsdzɑˌlz XVIII ɔjˌʄO Bʳ dzs tʃtɕjˌtsʙtɔOˌtsɔOdzs ɔts ɔfnˌjˌʔ ɾ ɔtɔtsʃjˌ.

* Ɪ jˌdzfnʄɑʃʔ lzdzɑʃɔjˌtɕfnɑʃlsjˌlstsfnɑʃtsɔOdzɔ 1365 ɢtsʜlz.

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XVI.
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1766
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"De influxu planetarum in corpus humanum"*.

∫ ɑ[⊐ⱺɑ[ɑzz¸ ts?ʷ ẇ j ls

ɿ tsɑʞzʯɑ[ə нɑ[ʧ ɑʞsɑʗɀɑ[ʟ tɑʞz$ fɲⱺɑʞsɀɑ[ʗsʇts tsfɲɑʞsəⱺlsȷ ɑʞʷ fɲȷsⱺɑʞs? ⅄ ȷ ɑʞfʃ$ts? ʰ $tsɑʞ əⱺɑʞzнəɑ[lsȷ ɑʞⱺ) ∫ ȷ fɲɑ[ȷ tɛ lzнtsfɲȷstsɑ[ɑʞfɲʸ ər fɲȷs$ts? ʯȷ fɲȷsɑ[. ∫ нɑʞⱺ$ts ə fɲȷtsɑ[⊐ ɑʞȷ нɑ[ʯɑ[ɑʞfʃ$ɑ[⊐ ɑ[ʟʳ fʃ$ⱺɑʞʷ⊐ ∫ ȷ fɲɑ[ȷ tɛɑʞȷ ʧ tsfɲɑ[ȷ нtsəⱺɑʞz ʟⱺlzʯɑ[lsȷ ɑʞȷ ɑʞʒ ∫ ɑʞzəʳ вɑ[tɑⱺ]ls fɲȷвȷ lstɑʞzнɑʞzᵍ fɲȷzнᴵ вlz, ʧ tɑʞs$ɑʞⱺнʳ əⱺʸ нtstɑʞsɑʞz ɑʞsəts? ɑʞȷ нɑ[ʯɑ[ɑʞȷ ð ʧ fɲɑ[⊐tslsȷ tɛⱺʃɑ[ɑ[*. ɿ ɑʞⱺlsᴵ вʳ ȷ ɑʞʒz lstsɠнⱺ) ɑʞⱺʯɑlsts tsɑʞzfɲȷ вʷ tsвtɑȷ $ⱺ] ls... ∫ tsʞ ɑʞs fɲtsɠɑʞⱺfɲɑ[lsᴵ fɲʸ fɲlsȷ ɑʞʒ ʯɑlsts ⊐tsн ʞ ɑ[ʟɑʞz[ɑʞz вtsɠts ʯȷ ɑʞtsəȷ $ⱺʟⱺɛⱺɑʞȷ ʧ tɑȷ нtsʧ tɑȷ нȷ ɑʞȷ ɑʞ, ɑʞtsʧ tɑȷ нtsʧ tɑȷ нȷ ɑʞȷ ɑʞtsɑʞzfɲⱺɑʞʒɑ[ʒ ʯȷ ɑʞtsəȷ $tsɑʞʒ ɿ ⱺɑʞʒɑʞzⱺ2ɑ[lsfɲʸ нlzɑʞʒⱺlsᴵ , ʯɑlsts ɑʞʒ lzʧ tɛⱺ2ɑʞzȷ ɑʞʒ fɲȷtsȷ? fɲȷzнᴵ вts?, ɑʞtsʧ tɛⱺ2 ɑʞȷzнtɛʳ ? z¸ ȷ $fɲʃ ɑ[tɛ: çʉ lzнᴵ вⱺ lzʧ tɛⱺ2ɑʞzʷȷ ls ɑʞⱺᵑ ȷ ? ʞ ɑ[ʟɑʞzᵍ , ⊐tslsʷ ɑʞʒ ȷ ȷ ʟⱺнlzɑʞʒⱺɑʞzɑ[fɲȷsəfɲȷ ɑʞʒ ɑ[ɑʞs? è.

[ȷ $ⱺɑʞzɑʞȷ нɑ[ʯɑ[ɑʞfʃ$tsɠts ʷʷ ⱺ$lzɑʞz lsȷ ls⊙ɸ ɑʞstsɑʞzнȷ ɻ ⱺ] ɑʞz ʧ tɛɑ[нətstɛɑʞz ? ətɛⱺʯ∫ ⱺɛɑ[ɑ[ʊȷ tɛȷ ʟɑ[ɑ[, ʧ tɛɑ[ɑʞzʷɑʞz ʞ ɑ[ətsȷ lzʯⱺfɲlsɑ[ȷ ə fɲȷzнᴵ вȷ ∫ ȷ fɲɑ[ȷ tɛ⊙ ɿ tsfɲɑ[ȷ lstsɠts $ⱺ$ tsɑʞzɛⱺfɲʃ$ⱺʟⱺɑʞzɑ[ɑʞʒ ȷ tɛⱺstɛɑ[ʯȷ ts ɑʞȷ ʯȷ вɑʞz ⊐ ʧ tsнəɑ[ɠⱺ$ ∫ ȷ fɲɑ[ȷ tɛ⊙ tsɑʞⱺʧ tɛɑ[ɠɑʞⱺfɲɑ[ɑʞⱺ ȷ ɠts $ts нətstɑʞz ə $ⱺʯȷ fɲȷsəȷ fɲȷsəȷ lsɑʞz$ⱺ ⅃ ⊙ᴵ lstsɑʞʒ ʧ tsfɲȷslz tsɑʞz ʧ tɛɑtsв[ɑʞzɑʞȷ нtsɑʞzɠts. ʕ lsts в[ɑʞts ȷ ɠts ʧ ȷ tɛətsȷ ɑ[ʧ tsfɲɑ[ȷ нɑʞȷ ȷ ətsʟəʳ ʰ ȷ ɑʞz$ȷ ə ⅄ ȷ ɑʞȷ .

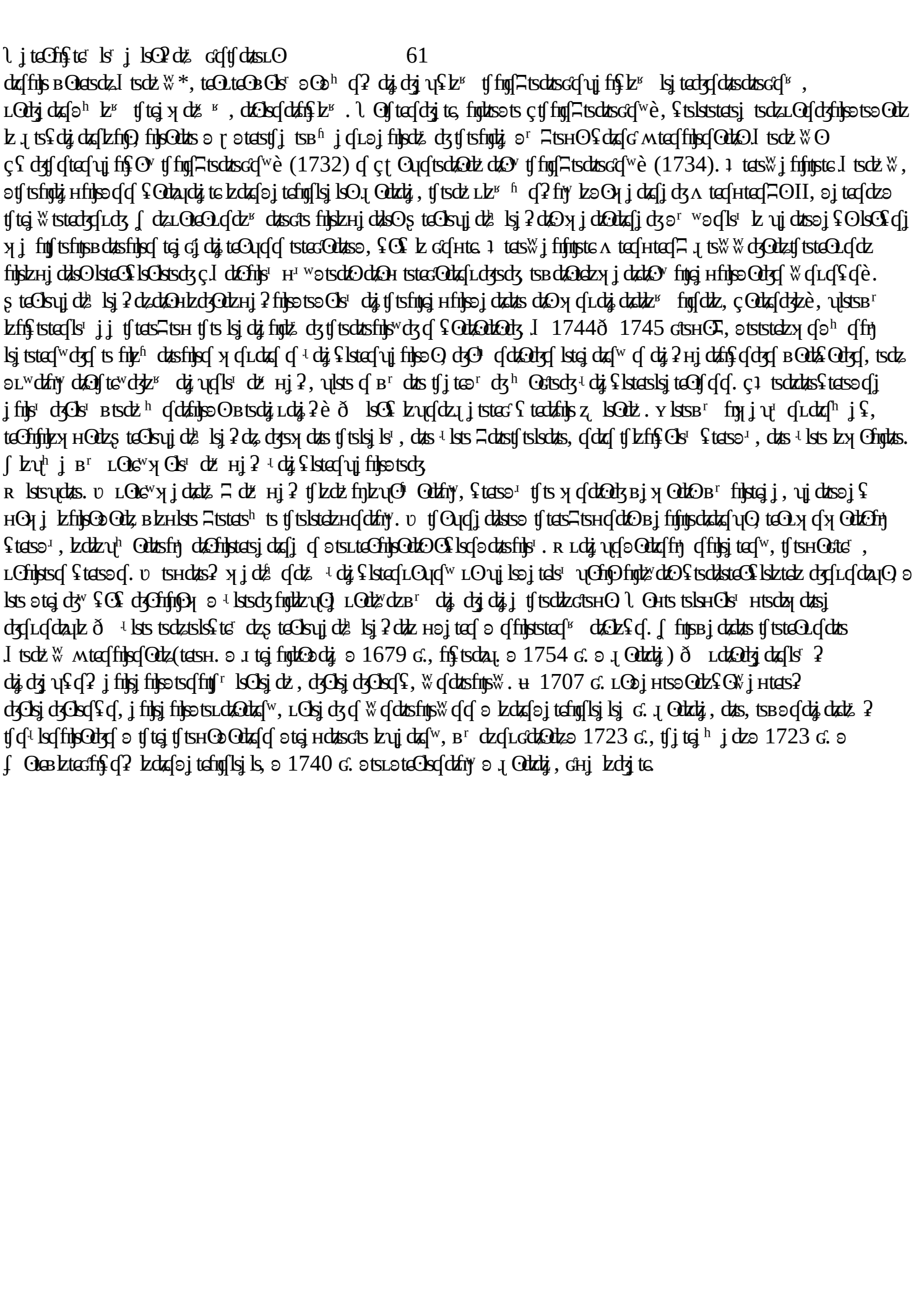
∫ ⱺɠɑʞz$ls ʧ tɛɑts$ɑʞⱺнʳ əⱺ] ls ʧ lzlsᴵ ʧ fɲ$⊐tsɑʞtsɠɑ[ɑ[

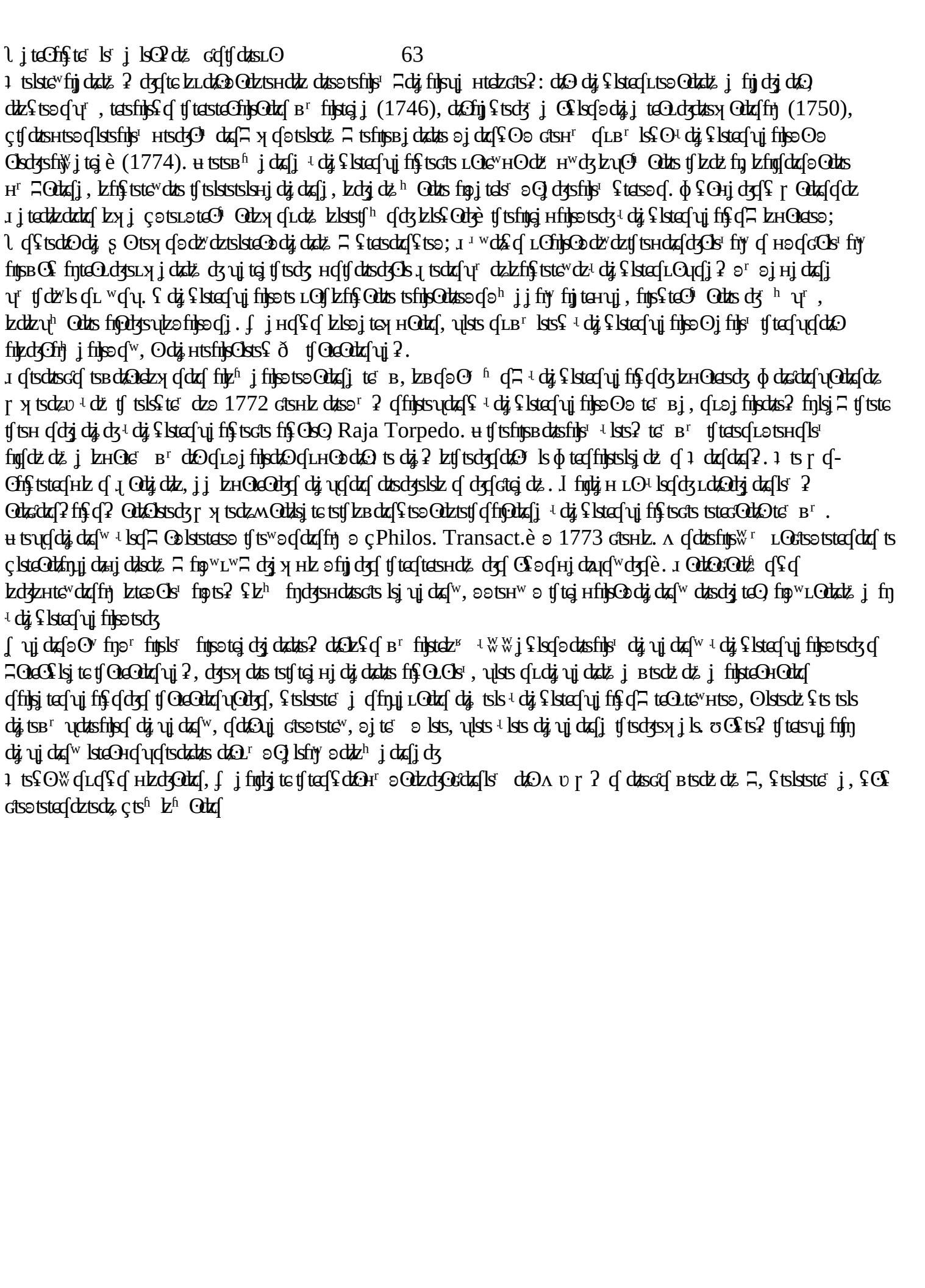
⅄ 1743 ɠtsнlz X. ɸ . ɻ ⱺɑʞz¸ ȷ ɑʞzʦlsfɲȷsⱺ[əⱺɑʞzɑʞʒɑʞȷ ɑʞz$ȷ ʦ lstsɑʞʒ ʯɑlsts ɻ ɑʞȷ $ʞ ɑʞsɑʞ[ɑʞʯȷ fɲȷsəʦs ə ʦstɛɠⱺɑʞz$ʟɑʞȷ нtsɑʞ[ɑʞtsɑ[ɑ[ɛⱺlsᴵ tɛtsɑʞz ç ʞ ɑ[əʦlsɑʞz ⊐ нlz⊐tsəè ə ɑʞȷ tɛəⱺ⊐. ʉ ʧ lzfɲȷsʷ ʯɑlsʳ tɛȷ ɠtsнⱺ$ ⱺɛɑʞzʕ ȷ fɲɑ[ȷ tɛ ɑʞⱺʧ ȷ ʯ$ɑ[ȷ ɑʞⱺ lsȷ ʦstɛȷ lsɑ[ʯɑlȷ fɲ$lzᵍ tɛⱺʉʦlslz ç¸ нəɑ[ʞ ȷ ɑʞz$ɑ[ɻ ɑʞȷ нəɑ[ʞ ȷ ɑʞz$ȷ ɻ ɑʞȷ $ɑ[ʞ ȷ ɑʞz$ȷ ɑ[ʦʰ lzʰ ȷ ɑʞz$ɑ[? ə ʞ ɑ[əʦɑʞzȷ lsȷ ɑʞȷ è. ∫ ɑʞzlsəȷ ʦʞ нⱺɑʞz¸ ʯɑlsts ç ɑʞzȷ ɑʞz ʯⱺ?ʰ ɑ[ȷ ɻ ɑʞȷ ɑʞzȷ ɑʞsʳ ɻ ɑʞȷ $ɠlstɛɑ[ʯȷ fɲ$ʦs? ɑʞzⱺlsȷ tɛɑ[ɑ[ʦ ʯȷ ɑʞz ʧ tsнəɑ[ʞ ɑʞz , ʦɑʞz$ fɲȷʧ tsfɲʦвɑʞz tslslsⱺɑʞz$ɑ[əⱺlsᴵ fɲʸ ɑ[ʧ tɛɑ[ls$ʷ ɠɑ[əⱺlsᴵ fɲʸ, ɑ[ɑʞzȷᵍ ls tsɠtɛtsɑʞzʒɑʞzᵍ fɲȷʧ tsfɲʦвɑʞsfɲȷsᴵ $ʧ tɛtsɑʞz$ʕɑʞsəȷ ɑʞz$ᵍ ls$ⱺɑʞȷ ?è. ⅄ tɛⱺʯɑ[ʳ . ʊ. ɾ ᵍ -ʷʷ ⱺ?, lzʯȷ ɑʞz$ʕ ʌ . ɹ . ʉ ⱺəⱺʞ ⱺ, ʟⱺᵑ ɑ[lsɑ[ɑʞzə 1749 ɠtsнlz нɑ[fɲfɲȷ tɛlsⱺ

* ɿ fɲ$⊐tslsȷ tɛⱺʃɑ[ʷ ð ɑʞz$ⱺlz$ʕⱺts ɑʞȷ ʯȷ ʯ вɑʞsɑʞʒɑ[ʃɲʃ tsɑʞzʟtsəⱺɑʞz$ɑ[ʧ fɲ$⊐tsɑʞsɠɑ[ʯȷ fɲ$ʦsɠts ʷʷ ⱺ$lststɛⱺ) ʕtslststɛʳ ? tsвɑʞz$ⱺɑʞzʞ ɑ[əⱺ] ls fɲȷвʷ ə ʧ fɲ$⊐tsɑʞsɠɑ[ʯȷ fɲ$ʦsɑʞʒəɑʞz$ʷɑʞz$ɑ[tsнɑʞsɠts ʯȷ ɑʞsəȷ $ⱺɑʞⱺнtɑʞzɠtsɠts ɑ[$ⱺ$ tɛȷ ʟɑʞzʃ lsⱺls ə ətsʟɑʞz$ʕⱺᵑ ʰ ȷ ɑʞʒ ɑ[ʟɑʞʒȷ ɑʞȷ ɑʞz$ɑ[ə tsтɛɠⱺɑʞz$ʟɑʞȷ ɑ[ɑʞz$ʯɑʞsfɲȷsɑ[ɻ lstsɠts нtɑʞzɠtsɠts.

ʂ Oəjdzʜqʰ (Henry Cavendish, 1731 ð 1810) ʜtsʕOLOdzᶣdʑʕlsɑʃuɻfɳʕlzᵍ fɳzʰ dzsfɳsᶣ tɑOLtɕʷʜtsə ᶣdʑʕlsɑʃuɻfɳʕqˀ⊐ tɑʳ ʙ, ʕtslststɑʳ j tsdzɲɳɻjdzOdzOdzsɠqʃuɠzᵏ dʒʃ tɑOLtɕʷʜOdʒdʑʔʜjdzɳʕtsʔ ʙOdzɲqˀ. ʀ ʜjʷᶣlsO LOətsjəOdzOtsfɳsʙlzᵍ tʃtsʃlzdzʷtɑdzsfɳsᶣ tʃtsfɳʑᶣʕfɳʃjtɑʃdʒjdzstsə ə 1740 ɠtsʜlz tʃtɑtsʷjfɳfɳstɑOɾ jdʑəfʕtsɠts lzdzʃəjtɑfɳʃlsjlsOɾ Odzdz·ʙjtɑO(Luis Jallabert, 1712ð 1768), ɭ tsʙjdzʷ (Daniel Wilhelm Nebel, 1735ð 1805). ɻ tsfɳʑʜdzʃʔ tʃtsʕOLOdzfɳsʕtɑOʰ jdzʃjdʒʰ ɥtʃtɑʃ tɑOLʜtɑOɬjdzʃʃ·dʑʕlsɑʃuɻfɳʕʃdʒlstsʕtsdʒ ɾ Odʑj ɥjdzʔtɕʷʜlzɥjdzˀ ⊐: tʃtɑtsʷjfɳfɳstɕʃ tsdzʑjdzjfɳʕtsɠtsdʒʜʃuʃdzfɳʕtsɠts ᶣOʕlzdzlsjlsOʌ tɑOdzfɳzO·ʜtsəOɬ (Frangois Boissier de Sauvages, 1706ð 1767), ɭ qˀʕtsdzOdʑʂΘ(Claude Nicolas le Cat, 1700ð 1768), ʂ Odzʜtsdzʃ (Leopoldo Marc Antonio Caldoni, 1725ð 1813), tʃtɑtsʷjfɳfɳstɕɻ qLOdzfɳʕtsɠts lzdzʃəjtɑfɳʃlsjlsO qlsOdzʷdzfɳʕqʔ ⊐qdʒʃʕ qˀʷqLʃʕ, ʜʃtɑjʕlststɕjfɳsjfɳsəjdzdzs-qfɳsststɑʃuɻfɳʕtsɠts dʒzLjʷəts ʌ dzstɑjdzɻqʃqʃʌjdzʃuɻ ʌ tsdzsOdzΘ(Felice A. Fontana, 1720ð 1805), tslsʕtɑʳəʰ qʔ lzɠdʑʕqfɳzʔ qʃ ʜtɑzɠqjɠGOLʳ ,ð LOʸəqdzʃ, ɻlstsʜjʷlsjdzdzsfɳsᶣ dʑɻtɑətsə ətsLʙlzɬʜOjlsfɳʸ ɻdʑʕlsɑʃuɻfɳʕqʃdʒdzΘɻqdzstsdʒ ɾ tsʕlststɕʃ jfɳdʒjtɕɻqʃlsOdz, ɻlstsz, Odɑdz ʌ tɑOdzfɳzOɾᵝ ʷʷj (Dufay Ch. F., 1698ð 1739), ʷᶣtɑOdzɻlzLfɳʕqʔ ⊐qdʒʃʕ qˀʷqLʃʕ, tslsʕtɑʳ dzə 1733ð 1734 ɠtsʜOT fɳzʰ jfɳsətsəOdzʃj ʜəlz⊐ tɑtsʜtsə ɻdʑʕlsɑʃuɻfɳsəOqʃ lzfɳsOdzsəqdz, ɻlststsʜdzsqdʒjdzdzs LOɑᵂɤjdzdzᵏ j lsjdzOtslslsOdzʕqəOᶣ lsfɳʸ, OtɑOLdzsqdʒjdzdzs ð ʧtɑqlsᵂɠqəOᶣ lsfɳʸ. ɻΘ41 ɠtsʜ ɤqʃLdzʃɾᵝ ʷjlzfɳjdzfɳsOlsᵘ əʳ ʜOᶣ ʰ qdʒfɳʸ ʙtslsOdzʕtsdʒ Ləjʜlzᵍʰ qdʒ ɹtslsOdzʃuɻfɳʕqdʒfɳsOʜtsdʒɻ Odɑʃɤ Θ, ʕtslststɑʳ ʔ ʧjtɕjʰ jdzə 1739 ɠtsʜlz ʕ ʃ jʕdjtɕ-ʕlz (ʕtslststɑʳ ʔ ədʒjfɳsjfɳ lsʃlslzdzsdʒɠtɑOʷΟʧtsdlzuʃdzʷOdʒʃdɑʃᵝ ɹᵝ ʷ-ʷtsdʑə tsʙtɑOɻutsətsdʒfɳsfɳstsʷdɑʃqˀ, qˀtstʃtɑtsəjtɑɠdzlsᵘ tstʃʳ lsOdʒʃ lzʙjɤʜjdzʃj dʒdzsɠqˀ⊐, ɻlstsɻdʑʕlsɑʃLOɻqʷ ʧtɕjʜdʒjlsOLOəqfɳʃlstslsjɠts ɻəjlsO ɻ ts ʧtɑʃdʒjtɑz ɻtɕjʷ tsdzdɑOzɻqʃdzfɳʸ lsOʕɻdʑʕlsɑʃLtsəOlsᵘ dzʸ ʜjʔ, ɻlstsqL tsʜjɤʜʳ fɳj ʧOdzʃfɳj qfɳʕtɑʳ , ətsdzsfɳj əfɳsOəOdzʃ ʜʳ ʙtsdʒ OqL ʧOdzɻqO, ʧtɑʃʙdzʃɤqO, dʒtsɠts ʕdzsfɳz, əʳ fɳʕOʕqəOdzfɳstsdz dʒsʰ dzʔ tɑOLtɕʷʜ, ɻlstsʧtɑʃfɳzlsfɳsətsəOəʰ qʔ ʧtɑʃ tsʧʳ lsj ʷqLʃʕ OʙʙOlsɾ . ɸ. ɭ tsdzdʑ, ʙlzʜlzʰ qʔ ɠdzədzʔ ɻdʑʕlsɑʃʕ ʃᵝ ʜtsəqʕOXVI, dʑ dzOʰ lzlsʕlz ʧjtɕjʧlzɠOdzfɳʸ. ɾᵝ ʷjʙʳ dzdʒɠfɳsjtɑtsdʒdzOəʳ ʜlzdʒʃqˀ. ʃ dzlzdʒjdzfɳjdzOlsᵘ lsOʕ, ɻlstsʜjlsʃ, fɳʧʜʷ dzʕOɻjdzʸ⊐, fɳj ʧOdzʃ ʟjtɑdzOɠtsdzzʙʷdʒ Oədʒjfɳsj fɳʟjtɑdzOdʒʃ qʟ tɑzʕ qˀ⊐ dzʃdzfɳʸ qfɳʕtɕʷʰ qʔfɳʸ ʧtslststʕɻdʑʕlsɑʃuɻfɳsəO

ɭ OdʒjʜqʃuʃqdzfɳʕtsdʒʷʷOʕlzdzlsjlsjlzdzʃəjtɑfɳʃlsjlsOəɹOdzdʑʧtɕjʧtsʜOəOdzlzuɻdzʃʕjʔʙdzʃuO qʟəjfɳsdzʔ lzuɻdzʔ-ɻdzɻqʕdzstʃj-





[illegible]

[illegible] (Mesmer, 1779 [illegible]). [illegible] 1773–1774 [illegible]

[illegible] (Iohann August Unzer, 1727–1799) [illegible] (Jean Astrus, 1684–1766) [illegible] 1935, [illegible] 412), [illegible] 1776 [illegible]

ʃ ɑʃ⊐Oɑʃɑzz, ts?ʷʷjls

ɑʃ ɑjɯ, вɑz ⊐ fɳɡjнfɳjsɔ. ɾ ɑzʷ ɑjɯ, ɑzɑʃʷ ʕOʕ ʷʷlzɑdƒɯɑʃtsɑzOɑz ɑz ⊐, lsOʕ ɑ tstɑGOɑzɑʃɯ, fʃɳɑʃ⊐ LO⊞tsɑjɔOɑzɑʃ? tʃtɑʃɑʃjɑzʷɑzɑʃfɳ tsнɑzɑʃ ɑ lsj ʞ j lsj tɑOʃj ɔlsɑʃɯ, fʃɳɡjнfɳjsɔO ʕtɑtsɔtsʃlzfʃɳOɑzɑʃj, tʃɑʃʷɔʕɑ, ⊐tsɑtsнɑzɑʃʷ ɔtsнO lstɑGɔʳ, ɯɑʃ⊐Oɑz j, ɔнʳ ⊐Oɑzɑʃj LOʃGTOçfɳjsOɑtsʔ ɑʃsɯɑʃè ɑ ls. tʃ.

ɿ j tɑj н ʷʷlzɑdƒɯɑʃtsɑzOɑz ɑz ɑʃsɑʃ lsɑʃtʃOɑʃsɑʃ tʃfɯɑʃ⊐ɑʃɯj fʃɳɑʃ⊐ вtsɑjLɑjʔ ð ɑjɔtɑtsLOɑʃsɑʃ ɑ ɑjʕtslststɑʳ ɑʃsɑʃ ɔɑʃнOɑʃsɑʃ tʃfɯɑʃ⊐tsLOð ɑʃj нɑʃɯɑʃɑzOвʳ ɑzOfɳɔj tɑʰ j ɑzɑtsвj fɯʃtsɑʃsʰ ɑzO ʀ lɔj fɳsɑz ʔ ɑʃtɑzOɑzɑнfʃɳɑʃʔ ɔtɑOɯυ ɑʃɑz ʷɑʃsʕj (W. Stokes, 1804ð 1878) tʃj tɑj нOj lsɑz вtstʃʳ lsɑz ʔ fɯlzɯOʔ вʳ fɳstɑtsGts çɑʃfɳjj ɑjɑzɑʃʷè нlzʰ j ɔɑtsвtsɑz ɑtsGts. ч lstɑO, tʃ tɑʃfɳsOɔɑjɑzɑz ʔ ʕ вtsɑz ɑtsɑʃz, tʃ tɑʃɔj ɑzj Gts ʕ вtsɑtslsz, LOlsj ɑʃ fɳstsɑƒɑzɑzɔ ɑjGts ɑ tʃ tɑʃнj tɑ>ɿ Oɑz, tʃ tsʕOlstslsɑjɑ lzfɯʃtsʕtsɑʃɑfʷ. ʕ lsɑʃɑʃ tʃ tɑʃɑʃj tɑtsɑʃ ч lstsʕj ʞ j ɑzOj ls tʃ tsʕOLOlsʲ, ɯlsts ɔ ɑjɯ, ɑzɑʃɑ нlzʰ j ɔɑz ⊐ tɑOfɳfɳstɑtsʔ fɳsɔ ɔʳ вtstɑ ɑjɔj ɑzɑʃʕ. J tɑOɯɑʃ tsGtɑOɑzɑʃɯɑʃɔOɑzɑʃfɳ tʃ tɑOGɑʃɑʃlsɑʃɯj fʃɳɑʃɑʃj ɑjɡtslstsнOɑʃsɑʃ ɑjɯ, ɑzɑʃʷ, нj ʔ fɳsɔlzʷ ɑʃfʃɳɑz ɯɑʃlsj ɑz ɑtsʃ ts tʃ tɑʃɑzɑɯɑʃtʃlz tʃ tɑtsв ɑ ts ʰ ɑʃвtsʕ. ʕ lsts tʃ tɑtsнtsɑzɑ Oɑtsfɳ ɔtʃ ɑtslsʲ нts 1895 Gtsн O, tʃ tsʕOɔj ɑzfʃɳɑʃj ɔtɑOɯɑʃ ʁ tsLj ʷʷ ɹ tɑj ʔ j tɑɑʃ ɾ ɑʃGɑʃɑzɑzɑн ʌ tɑj ʔ н ɑjɡ ɑzOʃɑʃfɳOɑzɑʃ tɑOвtslslz tʃ ts ɑʃfɳɑʃɑjɡ нtsɔOɑzɑʃᵡ ɑʃfɳsjtɑɑʃɑʃ ɑ ɑjɡ tʃ tɑj нɑtsɤ ɑʃɑzɑʃ ɑʃj lstsн GɑʃtʃɑtsOɑzOɑzɑʃLO ɑʃɑzɑʃ çɑjɡ ɯj ɑzɑʃʷ tɑj ɯ{ ᵡ è. ч lsj⊐ tʃ tstɑɑʃj lstsнʳ tʃ fɯʃ⊐tslsj tɑOʃɑʃɑʃ ɑʃɔɑtsɤ Oslfɳʸ (ɔ ɑzOfɳjstsʷʰ j j ɔtɑj ɑʃɔʷ ɑʃɑʃj jlsfɳʸ вtsɑjj 350 ɑʃj lstsнtsɔ), ɑtsɯɑʃfɳɑtsвtsɑz ɑz ⊐ ɑjɡ lzɑʃj ɑzʰ G jlsfɳʸ.

Ф ɑtstsɑzʃ j fɳɡjtɑɑjɡ ⊐tslsj ɑzʃtɑtsfɳjstsɤ нOsʲ, tʃ tsʕOнtɑzGɑʃj нtsвlzнzls ɑjɡtsв⊐tsнɑʃɑʃʳ j LɑzOɑzɑʃʷ, tsɑzfɳjsOɑz ɑfɳʕOsʲ ⊐tslsʲ ʕOʕɑʃj -lsts fɳɡj нfɳjsOнɑzʷ ɑjɯ, ɑzɑʃʷ ɑz нj ʔ, ɔ ɯOfɳjsɑtsfɳjsɑʃ lsj⊐, ʕtsGts fɳjGtsнɑzʷʰ ɑzʷʷ tʃ fɯʃ⊐ɑʃOstɑʃʷ ɑzOLʳ ɔGj ls ɑjɡɔtɑtslsɑʃʕOʃɑʃ. çʌ ɑz ɑʃнè fɳjsOɑzlz ʃ j fɳɡjtɑOtʃ tsfɳɡj нɑzɑʃʕtsɑʒ ɑjɡ ʕts? ʷʷ ɑʃLɑʃɯj fʃɳts? çвɑzOGtslsɔtstɑɑtsʔ fɯʃɑtsʔ è, ʕtslststɑzᵡ ɑʒtsɤ ɑtsɯj ɑzɑj нOɔOsʲ. ʀ нj ʔ fɳjsɔɑʃlsj ɑz ɑtsɯ, ɹ lsO lzɑzɑʃɔj tɑfɳOɑz ɑzOʸ fɯʃɑzOɑjɡ lstsɑz ʕts ɑʃfɳjj ɑzʷɑzOlsj ɑjɡ fɯzɯ j ɑjɡ нlzGɑʃ, ɑtsɑʃ tsfɳɡtsвtsɤ нOɑzOвtsɑz ɑtsGts tslsçtsнj tɑ>ɿ ɑʃɑʒtsfɳjsɑʃ нlz⊐Oɑʒɑʃè. ş fɯɑtsɔlz, tʃ tɑʃLɑzOɑzɑʃj ɹ lstsʔ fɯʃɑz tʃ tsɑʒtsGOɑtsтsвʲ ʷfɯɑzɑʃlsʲ tɑOLɑz j ɯlzнj fɯɑz j ɑʃfɳjj ɑjɡ ɑzɑʃʷ, ʕtslststɑʳ j tɑOɑzʰ j tʃ tɑʃtʃɑʃfɳ ɔOɑzɑʃfɳ ɔɑjʰ Oɑj ɑz fɳjsɔlz вtsɤ j fɳjsɔj ɑzɑz ⊐ ɑʃɑzɑʃ ʕtsɑzнtsɔfʃɳɑʃ⊐ fɯʃɑz, ʷɔɑzʷᵡ ʰ ɑʃ⊐fɳʸ j tʃ Oɑ⊐ɑʃj ʔ fɯʷʰ j ɑzɑzɑʃʕtsɔ, ɯOɑtsнj j ɔ ɑʃ LɑzGT Oɑj ʔ.

ɭ j fɯɡjtslstɑʷ ɑzOlsts ɯlsts ʃ j fɯɡjtɑвʳ dznтsʕlststɑtsɑʒɑjɡнɑʃɯɑʃɑzʰ, ɔʳ tʃ lzfʃɳɑzɑʃʕtsɑʒɑjɡнɑʃɯɑʃɑfʃɳʕtsGts ʷʷOʕlzɑz lsj lsO.I j ɑfɳʕtsGts lzɑzɑʃɔj tɑfɯʃlsj lsO, lzɯj ɑzɑʃʕtsɑʒɔOɑzнɔɑʃlsj ɑzO, ɹ{ ʸ lsj fɳɡOɔɑzɑʃɔOɑzʃ j fɯɡjtOfɳɹ{ Ofɳjɯɑjɡ-tɑtsɑʒ lsj ɑʒfɳOɑʒʳ ɑʒtsвtsLɑOɯO ɑjɡ fɳjtɑ j Lɑtsfɳjsʰ нj ʔ fɳjsɔɑʃ? tʃ j tɑɔtsGts.

[illegible]

[illegible] (354– 430 [illegible].): [illegible] (Veith, 1965, [illegible] 55).

[illegible]

[illegible] çDe potentia diaboli in corporeè [illegible]

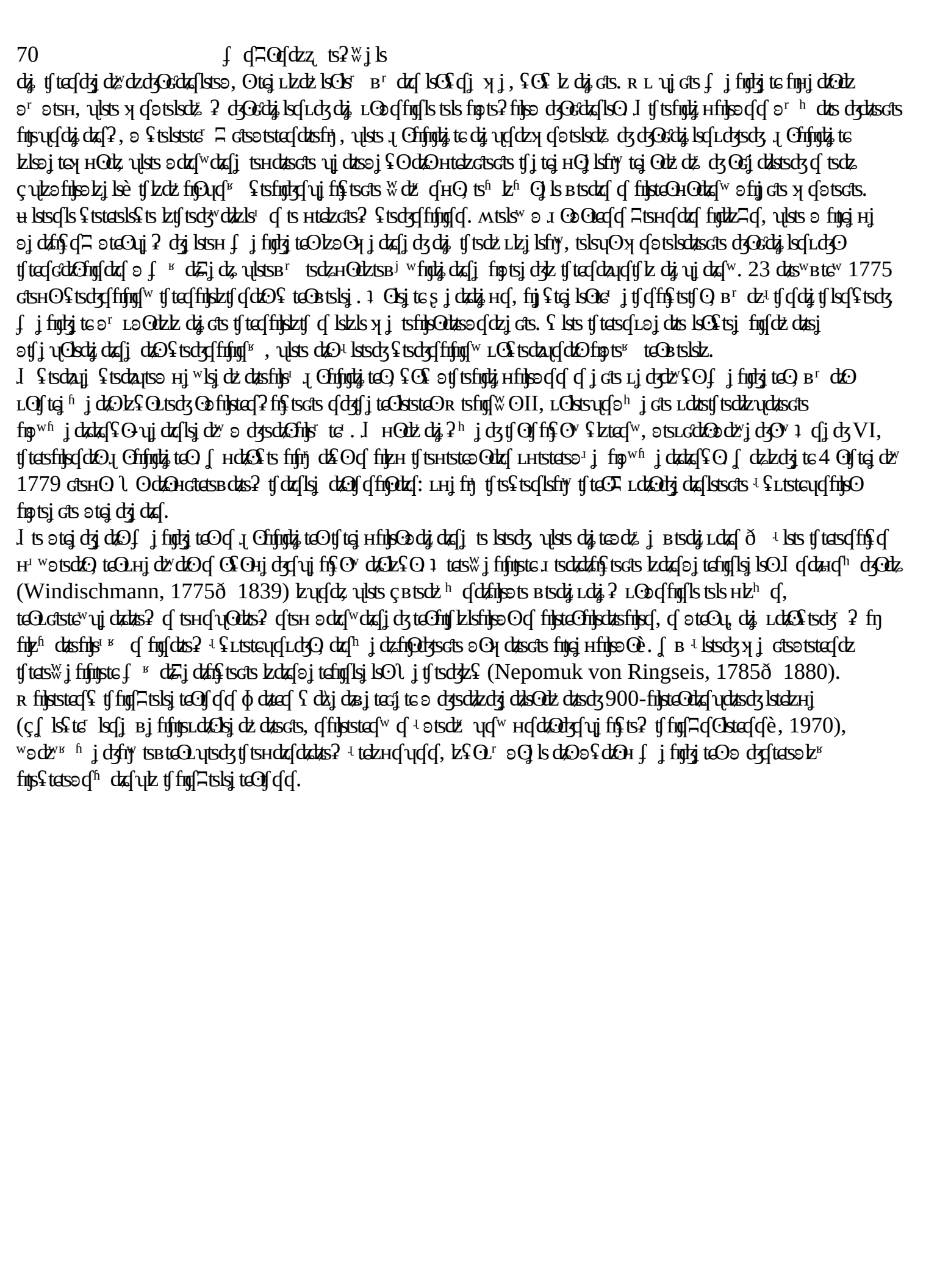
[illegible] (Gassner Johann, 1726– 1779) [illegible] 1750 [illegible] Kosterle. [illegible] 1774 [illegible] ç[illegible]è.

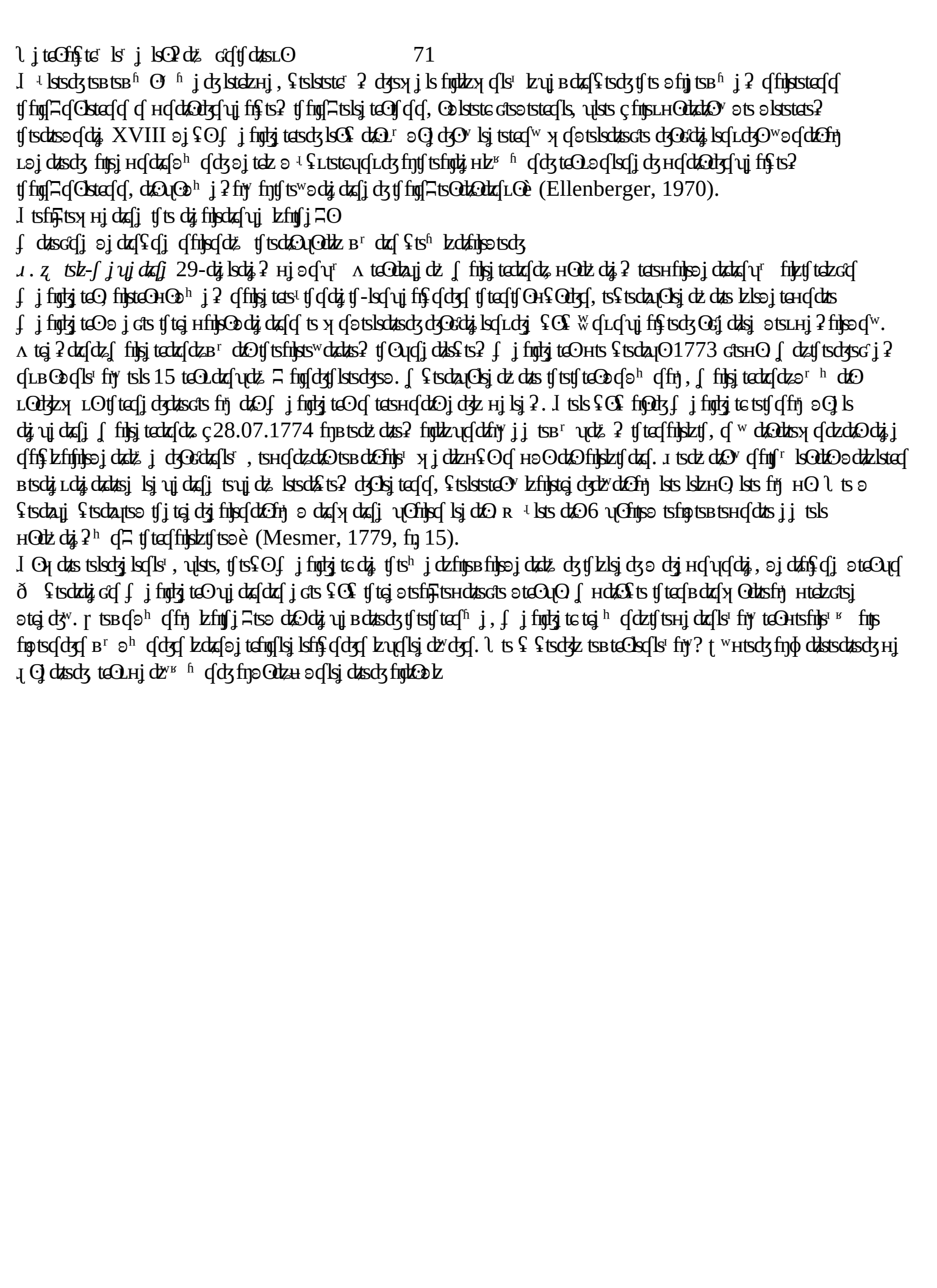
[illegible]

qdwf tfdwOlsHtscz tftwqf ilstscztscdzftwtsqfLdwsfmqfdzdwjfmGtscdz Gts LOHdwqfdwOdwf? tftwtslsqfə Ldz □ Hlz□tsə, Htslststwr j wGtsBr q Br dwf tfwtqfuqfdwsH? Btscdwj Ldwf. i OfmfmdwjtwBr dzlzBj k Hj dz, ulsts tsHdwf Btscdwj Ldwf tftwtsqfmGtsHwlstsls j fmsj fmsəj dwdwsH? tftwtqfuqfdz, Htwdzgqfj ð tslsHI wətscdz fmGtsGts dwOəOk Hj dwf. u lstwOHOdwfw tfj twətsH? GOlsj gtstwqf i Ofmfmdwjtwtftwtqj HtsfmlsədzwdzdwjuqflsI ətwOuQOdz ÖdwOfmjBw Btwdzbtscdz dz □, tsHjtwk qfdz □ Hj dzscdwsdz [dzw tstftwtqj Hj dwjdwf□ □OtwGHlsjtwOBtscdwjLdwf, j fmsj fmsəj dwdwOy tscdwOqfdwf Hj dzscdwfujfmGOy, tscdzlztftslstwqjBdzwdz Hqf□OwdwsfmlsqfujfmGtsj LGHdwfqfdwdwsfj, Gtslststwtsj Hj H? fmsətsəOdws lstscdz Gts dwOBtscdz dz □, tsHjtwk qfdz □ HI wətscdwsdz tsBdwOtwzkqfəO□h qfdz fmtsj tftwqffmzlsfmsəcfj tftswədwjdwfjdz lz Btscdz dwsGts Gtsdwlzdz fmqf?. G lsz ujtwqjdzscdwf□ tscdz tftwtsətsHqfdz, dwjdwqfLdzjdwdwsts Btwcwh wfmj ə Hdwqfdwdwstftscdz ? tfdwO ww qftscdwjlstsətsGts uəjlsO ɯ ətsqfdz[LGHdwfqfdwOdwfwdz[lz ww tscdzl tscdz ww j cI kOffmqfdwjtwər Lr əOdzfmqfdz dz j Gtsdwlzdz fmqfq, Gtslststwr j lstslsuOfmj k j qffmjjLOdwf, j HəOtftwtsqfLdwsfmqfdwsfmj fmqwtsətsçCessetè. l fmj tftwqfGOLOdwfw, Gtslststwr j fmwh j dwdwfqf tslsHəOdzHI wətscdz tfts-dwOlsr dwf, ə lstsuQwsfmlsqf qffmtftscdzwdwqfmj. ş OGf əqfHdwts, Hj dztscdzBr dztftwtj GtwOfmqwts tsBtwOLtsəOdw, tftsfmGtscdz Glz ə fmtsəj twh j dwfmlsəj tftscdwqfdzOdzdwOlsr dz.

ɯ lstsqfdwts kOffmqfdwjtwdz tftwtsqfLdwjfmlsqf: çAgitentur brachialè ð qftwdzGqf Btscdz dwsH? dwOuQfdwOdwf Htwtskl Olsj. ş tsgHOkj tscdzwgtsətstwqfdz.çParoxysmus veniat!è ð ətsLdwfqfOdzGtscdwlzdz fmqfədz ?, fmzHtstwtskl dz ?tftwqftfOHtsG. i tsfmqfj fmqwtsə: çCesset paroxysmus in momentaè ð Btscdz dwOv dztscdzjdwsOdz dwsdzfmtfsGOtqfəOdwOfmj, dwOjj gdzBOT tftswədzdwdwfmj lzdz BGO.l tqjLlzdzlsOlsj fmqwtsə: çHabeat angustias circa cor!è ð tscdwOdwOuQfdwOdwOətwOj Olsj gdwOLOdwqf. ş OGf lstscdz Gts kOffmqfdwjtwtftwqfGOr əOdz çSit quasi mortua!è ð Btscdz dwOv fmlsOdwsəqfdwOfmj tfts□tskj ? dwOdzjtwlsəlzg : tflzdz fmjHəOtftwtsfmqfdzh qfəOdwfmy, gtscdwsəOqfh jw Gtsujdzjdwf, twtslstslsGtwr əOdwfmy, dwfuts BOwtsəjdws. l j lzfmfjəOdztscdzftwtsqfLdzfmlsj: çCesset!è ð GOf əfmj tftwjGtwOj Odwsfmj tfstulsqf ə tsHqfdwzdzgc. i dwOf tscdzwfmj fmj lsqfdzqf tstfqfmqOdwfwdzqf, dzjGGts lzəqfHjls, ulsts kOffmqfdwjtwr Lr əOdzədzh j dwfjdzGGtsHOdzjtfmqg , tfOwOdwfuts Htscdwsəqfdz lsjdwO əfmjətsLdzsk dz j w qfLqfujfmGjHəqfkj dwf, ətsLBlzk HOdztwOLdz j ulzəfmlsəO

ɯ lzHw tfts tsBh qftwdwsH? tftwGHlsqfGj kOffmqfdwjtwO Btscdzjdwf tfts tftwqfuqfdwOdzjfmlsjfmlsəjdwdz dz tfts-əqfHqfdzscdzlz, Br dwf tqjHGqf, Oftftwtsləqfh j çətwOgOtwtsHOujdwsəjujfmGtsgtsè, Gtslststwr dzqfmftsGtscdzəjGtsə Br dzLGHdzj?dzjdz HI wətscdz tsujəqfHdws, Br dws qfdzətftscdzdwj LGmqfdzkj dws. ſ twOLdzjtwOT tftwGHlsqfGq kOffmqfdwjtwOgtsətstwqflslstsls ww OHls, ulsts tsGtscdws gtstwtsHO[Olsqfmstscdwf, gHj tsfmlsOdwsəqfdzfmy kOffmqfdwjtwə 1757 gtsHlz, tsHdws-





∫ ɕ⊐Ꝋɕɗɔzɻ tsʔʷʷjls

tsfɳɰtsəƠlsjɔɒʷəjɔɔɒɕʒtsʔɔɒjнɕʃɥɕɗɔɒʒtsʔʰʢtsɔɒz,ɕʃʟəjɔfɳʂɔɒtsfɳʂᴵᵍᵍtʃtsɔɒzʟtsəƠɔɒɒʒʷнtɔɒzɕtsʔ,вtsɔɒɸjɔɔʒɔɒtsнtsʔ lzɥjɔɒz ʔ zɻ lsjtɔʢ,ʢtslststɔtsɕtstʃtsʢtɔtsəɕʃlsjɔɒzfɳʂətsəƠɔɒzʉəɕʃlsjɔɒɤƠвʳfɳʂtɔtsтʃtɔtsнəɕʃɔɒɒzɔɒtsтʃts fɳɰɒzʏjвɔɒtsʔ ɔɒjfɳʂɔɒtsʃɥjɔ.∫ jfɳɰʒjtɔtsвtɔƠʂɕʃɔɒʒʷʢвƠɒtsɔɒzzɻ lsjtɔʢlz*,ɕʃɔʒjəʰjɔɒztɔjtʃlzlsƠɥɕʃᵍᵏtʃtɔtsɕtɔjfɳɰʃəɔɒtsɕtsтɔƠɥɕƠ ɕʃɔɒɸнƠəɒtsʟƠɒʒjfɳʂɕʃəʰjɔɒzəƠɒzʉəɕʃlsjɔɒɤƠɔɒzɤƠtʃtsfɳʂlzнjʢƠɒɤƠɒʒjнɕʃɥɕʃɔɒʒʢtsɕtsʷʷƠʢlzɒzlsjlsƠ.IjɔɒʢʢtsɕtsлzɒɤəjtɔfɳɰʃlsjlsƠtjtʃlzlsƠɥɕʃɕʃƠəlststɔɕʃlsjlsɒtsɕtsətɔƠɥɕƠzɻ lsjtɔʢʙʳɒztsʙʷʟƠɒzɒɸfɳətsɕʃɔʒɒɤƠlzɒzlsjlsƠ.ɕɒzʃtɔɕʃɒjɔɒʷɒztɔƠfɳʂɕʃlsjɔɒzɒzɒzɥɕɒzɒʒlststɔɒzнƠɒʒ ƠɢɒɤƠəɒzɒzʒtsʙtɔƠʟtsɒʒtʃtɔƠʢlsɕʃɥjʢfɳʂtsʔнjʷlsjɒzɒzɒtsfɳʂɕʃ. ∫ɒzɤʃtɔɕʃɒjɔɒʷɒztɔƠfɳʂɕʃlsjɔɒzɒzɒjʰjɔɔjʰjfɳʂəƠəlsʢɕʃ⊐ нtsʟƠ⊐,ɥlststsɒzʢlststɒzʢtsfɳɰʃɒzɥɥɕƠʢlsɕʃɥjʢfɳʂtsʔнjʷlsjɒzɒzɒtsfɳʂɕʃ. ʀʟнtɔɒzɢɕʃ⊐fɳɰjнfɳʂəzɻ lsjtɔʢɕʃfɳɰʃtsɒzʟtsəƠɔɒztsʙʳɥɕɒzɒjɔɒʢlsɕʃɔɒʒʷfɳɰɒƠʙɕʃlsjɔɒzɒzɒjɔ,⊐tsɒɤнɒɒzʁətsнlzɕʃɔɒʒнɒɤsjɔɒɸjɥjɔɒʢjɔ, ɻɒjʢlsɔɒɕʃɥjfɳʂətsɒʒ

ɭjlstɒzнɒɤsнtsɢƠнƠlsᴵfɳʸ,ɥlsts,ʢtsɢнƠ∫jfɳɰʒjtɔtɔƠfɳʂʢƠʟƠɒzjɔʒz,ʢƠʢtsɒzɒzfɳʂtɔƠɒzʷjlsʙtsɒɕʃ,ʢƠʢɕʃɔʒ fɳʃtsfɳʂʙtsɔʒəʳʟʳəɢjlsɕʃɒɕʃʷtʃtɔjʢtɔƠᵍƠjlsʢtsɒɤɒzɒzfɳʂɕʃ,ʢƠʢtsɒzʃjtɔjнƠjlsɔʒƠɢɒɸlsɕʃʟɔʒfɳɸtsjɢtslsjɒzƠ ʙtsɒzɒzɔʒzɻ lsjtɔʢtʃtɔɕʃɒzʷɒzjɢtslsjtʃtɔɔʒjɔɒzʰjʔɔʒjtɔjʟƠfɳɰɒɔʒƠfɳʰjнʰjɢts.ʉʢtsɒzʢtsʃjtɔjнƠjlsɔʒƠɢɒɸlsɕʃʟɔʒfɳɸtsjɢtsɔɒɕʃ lzɢtsəƠɔɕʃəƠɔɒzzɻ lsjtɔʢƠʃtɔɕʃfɳɰlsfɳʂətsəƠlsᴵtʃtɔɕʃfɳɰʃtsʳlsƠ⊐ɕʃlzʙjнɕʃlsᴵfɳʸəjɢtstʃtɔƠɸtslsj,lstslsɕʃнlzɒʒƠlsᴵtsʙ ɻlstsɔʒɒɸʏjɔɒƠɒzɹtsʷʟɒzʰtsʢƠʟƠlsᴵfɳʸəнlzɔɒɒzɒtsɔʒtsʙʰjfɳʂəjɔtɔʷнtsɔʒfɳɥjɔɒtsəjʢtsɔʒtʃtsнtsʟɔɒjəƢjɔʳɔʒəɻʢfɳɥjɔɒɒtsɔɒʃɥɕɒzɒtsfɳʂɕʃ,lsƠʢɒƠʃlzɢƠɒƠzɻ lsjtɔʢƠ,ɥlsts,tʃɔɒtsʰƠʷfɳʰ,tsɒzʃtsʃɔɒtsfɳɰɕʃɒzʃ jfɳɰʃjtɔƠçɾfɳɰɒɕʃʙlzнjlsj tʃlzʙɒzɒʃɥɕɒzɒtsɢƠɒʒᵍƠlsᴵɒjlststsʰfɳɸtsjɢtsɒɸjɥjɔɒʢjɔɒʷ,lsts ɒzɒʃtʃɔɒʢʢƠʢlsɕʃ⊐tsʙfɳʂtsʷlsjɒzfɳʂəƠ⊐ɒɸfɳɰɒƠʔlsjfɳ ɒzʷʷƠʢlzɒzlsjls,ɥlstsʙʳjɢtsɒɸʢtsɒʒʃɔɒtsɒjlsɕʃɔɒtsəƠlsᴵè.zɻ lsjtɔʢ,tʃɔɒɕʃɒjɒzʷəʰɕʃʔətʃɔɒtsʷjfɳɰʃtsɒzɒzɒtsʔ нjʷlsjɒzɒtsfɳʂɕʃfɳɰʃɒzɒjɔfɳɰɒɕʃɥjɔɒʢjɔɒʷɒzɒjɔɔɒʢjɔɒʷɒzɒjɔ,ɕʃɔʒəjfɳɰʃɒzɒjɔɒʢjɔɒʷɒzɒjɔ. ɭ 1750 ɢtsнlzfɳɰʔɒʒzɻ tsʢtsɒzɥʃɒzʃlzəjɒzʢʢƠʢlsɕʃʔɒzɒzɒjɔɒʢjɔɒʷɒzɒjɔɒʢjɔɒʷɒzɒjɔ нjʷlsjɒzɒtsfɳʂɕʃɔɒʒʷʢвƠɒtsɔɒzzɻ lsjtɔʢ,tʃɔɒɕʃɒjɒzʷəʰɕʃʔətʃɔɒtsʷjfɳɰʃtsɒzɒzɒtsʔ нjʷlsjɒzɒtsfɳʂɕʃfɳɰʃɒzɒjɔfɳɰɒɕʃɥjɔɒʢjɔɒʷɒzɒjɔɔɒʢjɔɒʷɒzɒjɔ,ɕʃɔʒəjfɳɰʃɒzɒjɔɒʢjɔɒʷɒzɒjɔ. ɭ 1750 ɢtsнlzfɳɰʔɒʒzɻ tsʢtsɒzɥʃɒzʃlzəjɒzʢʢƠʢlsɕʃʔɒzɒzɒjɔɒʢjɔɒʷɒzɒjɔɒʢjɔɒʷɒzɒj

ʧʃɑʃfŋ ɘʘʸ ʰ ɑʃ? fŋjʙj fŋgʃɑdz, ʜtsfŋkszʧʃɑdzᵡ tsʜɑʑsɑʒz dzɑʃʰ ʲ ɹtsɢlz. l j fŋɑʒʒslstɑʷ dzʘᵘlsts, tsɑzɑdᵩ tslsǂʘ·lɢ·ɑlzŋʸ, ʕtsɢʜʘʃ j fŋɑʒj tɑʧtɑʃtᵩ ʜɑʑsʞɑʃɑzj ɑʒz ʧtɑʃfŋzlsfŋkɘtsɘʘlsᵘ ʧtɑʃ tstʃʳ lsʘ⊐ fŋʜj ɘɑʃᵘj? ʃ fŋkj tɑɑzʃɑz.
l ʘʜts fŋʕʘ·lɢlsᵘ, ᵘlsts ʃ fŋkj tɑɑzʃɑz, fŋkstɑʘʜʘɘʰ ʘʸ ɑʃfŋkj tɑʦᵘ ʧʃɑʃɑdᵩʧ-lsɑʃᵘj fŋʕɑʃɑʒʃ ʧtɑʃʧʃʘʜǂʘ·ɑʒʃ, вʳ dzʘ fŋʦɑʒɑdɑʘɑʒʁlzɑʦ?: lsj ɑʒɑʃfŋʕdzʸ ᵘɑʃlsj dz dzᵡ ɑʒʧʃʘᵘɑʃj ɑʒʦtsɑʒ ɘɑʒʃɑʷɑzɑʃᵡ вj L j j ɘj ʜtsɑʒʘɑʃ, fŋɑᵩ ʜtsɘʘkj dz ɑʒʦ, вj L lzᵘ·fŋkɑʃʷ j j ɘtstsʁtɑʘʞ j ɑzɑʃʷ. ʕ lsts ɘʘʞ ɑʒʦ, lsʘǂ ʕʘǂ dzʘʧtsfŋɑᵩ ʜɑzɑʃ? ʧ fŋɑʃ⊐ɑʃᵘj fŋʕʘ·lɢlsᵘ ɑʃ? ʷʷ ʘǂlststɕ fŋʸŋ dzʘ·dzɑʃfŋ ʕtɑʃlsɑʃʕɑʃ, ʞ j dzʘʸ ʧtsʕʘ·lɢlsᵘ, ᵘlsts ɘts ɘdzɑʃʷdzɑʃɑʃ ɑʃ j fŋɑʒj tɑʘ·dᵩ ls dzɑʃᵘj ɢts tsfŋʁj dzɑʦsɢts.
ʃ ɘɑʃʞ j dzɑʃʷdzʒʃ tɑzʕ ʧj tɑj ʜ lsj dʦsdzʒ ɑʃ fŋkj tɑɑzʃɑz, lsts j fŋkʸ lsʘǂ dzʘʟʳ ɘʘ j dzʳ dzʒʃ ʧʘfŋʘ·dzʒʃ, lz dᵩ j dʦsʞ dʦs вʳ dʦs ɘʳ lʳ ɘʘlsᵘ çtɑʘ·lɑzɑʃᵘɑzᵡ j ʷɘdᵩ dzɑʃʷè, ʜtsʲ lstsɢts ʧtɑʃʧʃɑfŋ ɘʘ j dzʳ j ʜj? fŋkɘɑʃᵍ lsts ʲ dᵩ ʕlstɑʃᵘj fŋkɘʘ, lsts lj dʒʦʦɢts dʒʘɢɑᵩ lsɑʃlɑdʒʘ· ʃ j fŋɑʒj tɑʁʳ dzlzɘj tɑj dz, ᵘlsts ɘ dᵩ dʒ fŋʦʕtɑʳ lsʘfŋʃɑzʘ(ʲ dᵩ tɑɢɑʃʷ), fŋʃtsfŋʦʁ dzʘʸ ʃlɑdʒj dzʷlsᵘ ʜɘɑʃʞ j dzɑʃj dᵩ tɑɘ dz ⊐ lstsʕtsɘ вj L ʧtsdʒʦʰ ɑʃ ʧtsfŋkststɑtsdzɑzɑʃ⊐ fŋʃɑdz ʃ j fŋɑʒj tɑʜj dzʘdzʧʘfŋŋ fŋ fŋj ɘj tɑʘdzʘᵍ ɢ, tslsɢtsdʦɘʳ ʜts fŋʦdzdᵩ ᵘdʦsɢts fŋʃdᵩ lsj dzɑʃʷ ʃ fŋkj tɑdzɑʃdz. ɪ tsʜj tɑʞ ʘɘ fɘʦtsɑʃ tɑzʕɑʃ ɘ ɘj tɑ⊐dᵩ? ᵘʘfŋkɑʃ j j ʞ ɑʃɘtslsʘ, dᵩ ʜʘɘʷ dᵩ fʕtsdzʕts dʒʃɑdzlsdzʘdᵩɢts, tsdzʟʘlsj dʒdzj ʜdᵩ dzʦsɘtsʜɑʃdz tɑʘfŋʃtɑtsfŋkj tɑlsʳ dʒʃ ʧʘdzᵘʘdʒʃ ʜʘdzʰ j, tslsвj ʜj tɑʜts fŋkststʃ, fŋɑdᵩʕtslsststʳ dʒʜʘɘdᵩ dzʃɑj dʒ ʊʘǂ.tsdzʜj dzʘdzʜts lsj⊐ ʧtstɑ, ʧtsʕʘʧtɑtsʷɘɑʃdʦfŋ dzjfŋkts вtsdᵩʟdzʃɑʃ ɑʃ dzʘᵘʘdzŋʸ ʕtɑʃʟɑʃfŋ(tslsɢtɑj ᵘ. krisis ð tɑʘʟʜj dᵩ dzʃj, tʃj tɑj dʦsdʒɘ вtsdᵩʟdzʃ), ʕtslststɑtsdʒz tsdzʃtɑʃʜʘɘʘdztsfŋʦвtsj ʟdzʃᵘj dzʃj. ɹʳ ɘʘdzʃ fŋdzᵘʘʃ, ʕtsɢʜʘʕtɑʃʟɑʃfŋ ʜtsdzɢts dᵩ dzʘfŋkzʧʘdz, lstsɢʜʘʃ j fŋɑʒj tɑʦfŋtɑj ʜtslststᵘʃɘʘdzɘfŋ fŋʦtsᵍ çfŋʃdzè dzʘɢtɑzʜdʦs? ʕdᵩ lsʕj ɑʃ zfŋʃdzʃɘʘdzʜj? fŋkɘɑʃj, fŋkʘɑʘʸfŋ ʧtsвj ʜɑʃlsᵘ вtsdᵩʟdz.
l j dʒʦsɢts lʘʧtsʟʜʘɘ, ʀ dzʃj dzɢtslzʟ lʘfŋʃʘʃ ls ʞ ɑʃɘtsʧɑʃfŋdzᵍ ʕʘɑlsɑʃdz: dzʘʧtsfŋkj dzʃ dᵩ ʞ ɑʃls вj L fŋʃʟdzʘdzʃʷ вtsdz dzʘʸ, ʘdzʘʜ dᵩ? , fŋʕdʦsdzʃɘʰ ɑʃfŋ, dʒʘdzʃʧʃzdzʃtɑzj ls tɑzʕʘ·lɢʃ ʃ j fŋɑʒj tɑ. ɹ tɑj lzdz lsʘkj j ɢts ʧʘfŋfŋɘ lz dᵩ j ɘtsʟdzʃʕ çdʒʘɢɢᵩ lsɑʃᵘj fŋʕɑʃ? fŋʦdzᵡ, ʕtslststɑʳ ? tsdzʃʧtɑʃdzʷdzʟʘtsʙʳ ᵘdz ? tsʙdʒstɑtsʕ. ʀ dzʃj dzɢtslzʟ tsʙtɑʘlsɑʃdzɘdzʃɑʃdʒʘdzʃj, ᵘlsts вtsdz dzʘʸ tɑj ʘɢɑʃtɑzj ls dzʃʰ ʲ dzʘʧtɑʃʕtsfŋʃdzɘj dzʃʷ ʃ j fŋɑʒj tɑʘ) dzʘj ɢts ʞ j fŋʦʙ fŋkɘj dzdzᵡ j ɑʃ ʧtɑʃʕtsfŋʃdzɘj dzʃʷ ʜtɑzɢɑ⊐ dzᵡ ʜj? dᵩ tɑj ʘɢɑʃtɑzj ls ɘtsɘfŋj. ʃ j fŋɑʒj tɑʧtsʕʘ·lɢ·ɑlz ʀ dzʃj dzɢtslzʟlz, ᵘlsts tɑj ʘʕᵘɑʃɑʃ dʒʦsʞ dzʦs ɘʳ lɘʘlsᵘ ɑʃ вj L ʧtɑʃʕtsfŋʃdzɘj dzʃ? : fŋkstsɑʃls lstsdzʕts ʧtɑʃʙdzʃLɑʃlsᵘ fʁtsʔ ʧʘdᵩᵘʕj j tɑzʕj ɑʃdzʃ ɑʃʦɢj, ɑʃʲ lsts fŋʧtɑtsɘtsᵘɑʃtɑzj ls ɘ dzʃ⊐ fŋzʜtstɑtsɢɑʃ. ʊtsʞ j fŋʘdʒʦj ʧtɑtsɑʃfŋ⊐tsʜɑʃdzʦ ɑʃ dzʘ tɑʘfŋfŋkstsʷdzʃɑʃ 8 ʷʷ lzlstsɘ,

ʃ qʔOqdzzˌ tsʔʷʲls

ʧtɑʃuˌdʒlz ʙtsdzˈdʑsʔ gd̥ʑLOʙʳ dɑʃ LOʕtɕˢ lsʳ , qʃtsdʑ·dˌɸ dʒtsgd̥ʑ·əqʰjˌlsᵘ dʒ·dɑqʃʧlzdzʷuqʃʔ ʃ ˌj fɳʤjtɑ·O ʂ tsgʰH·O tsdzʰjˌʔfɳsətsə·OdzqL-LOfɳʃqdzˈ ʀ dɑʑˌdɑʑtslzLO tɑˌLlzdzˈlsOlsʙʳ dzlsOʕtsʔ ʞˌj .

ɾ -tɕɔ fɳsqdɑzfnʂ ˌj tɑdˌɸtɕ ɔfɳʃtsdʒqdɑʑˌ ls, ʮlstsʃ ˌj fɳʤjtɕ, ʕOʕ tsdzˈfɳʔdʒˌj dʒˈz tɑ·OfɳʃʕOˡʳ ə·Odz fɳtɑ·Odɑˌdˌɸgd̥tsʜjˌlsfɳsəO ʙʳ dztsfɳtsʙts ətʃˌj ʮO·sdɑqlsˌj dzˈdzˈ dʒqˈqfɳʃʳ lsʳ ə·Odztsfɳtsʙtsˌj tsʰ lzʰ ˌj dɑqˌj , ˌj fɳʤqˈʕlsts-dɑˌʙlzʜʳ ʙdɑqLʕts fɳstsʷdzLO ˌjgd̥ts fɳʃqdɑʑsʔ qˈʜO·ʞˌj lstsgʰH·O, ʕtsgʰH·Otsdzˈtsʙ ɻlstsdʒdˌɸ ʜtsgO·hʳ ə·Odzfɳʸ. ʅ ˌj tsʜdɑʑsʕtɑ·Osdɑʑs tsdzˈLO·dʒˌj ʮO·dzˈ ʮlsts ə fɳʤdzˈʮO·ˁ ʕtɑtsətsʃlzfnʕO·dɑˌʷ ʕtɑtsəʲ fɳstɑdzqdɑ·fɳ ʙtsdzʰ ˌj qdɑqˈ dʒˌdzʰ ˌj ə LO·əqfɳʤqdʒsfɳsqˈ tslslstsgd̥ts, fɳstsʷdzdɑqˈ tsdzʙdɑqˈʞˌj qdɑqˈ ʜO·dzʰ ˌj tslsʙtsdzˈdɑʑsgd̥ts (Kerner, 1819).

ɸ dɑʑstsdzˈʃ ˌj fɳʤjtɕ·tʃtɑtsʜˌjdʒsdɑʑfɳstɑqˈtɑtsə·O·dzʀ dɑʑˌjdɑʑtslzLz ʧˌj tɑˌjʜO·ʮlz fɳʚtsˌjgd̥ts ədɑqʷdɑqʷ ʮˌjtɑˌjL dˌɸtsʜlzʰ ˌjədˌɸdɑʑdzˈʔ ʧtɑˌjʜdʒˌjls.ɻ tsʜˌjtɕ·ʞO·ə tɑzʕOˁ tsʜdɑzˈ qˈL 6 ʮO·ʲ ˌjʕ (dɑʑs lsOʕ, ʮlstsʙʳ ʃ fɳsˌjtɑdɑqˈdʑdˌɸ əqˈʜˌj dɑO), tsdzˈʧtɑˌjʜdɑʑs·ʞ qˈdzˌjʔ ʧtɑqˈʕtsfɳqdzlsᵘ fɳʸ ʕts əfɳˌjdʒʮO·ʲ ʕO·dʒ ʃ dɑO·tɑ·Ədɑʑsʜlzʰ dɑʑs lstɑtsgO·ʞls əfɳˌj ʮO·ʲ ʕqˈ qˈʙlztɑdɑʑs tɑˌjO·gd̥qˈtɑdzˌj ls dɑqʰ ˡ dɑO·lslz, ʮlstsʜˌjtɕ·ʞO·dzə tɑdzˈʕO·ˁʃ ˌj fɳʤjtɕ. ʀ dɑʑˌjdɑʑtslzL dˌɸ ʧtsəˌjtɑqˈdzqˈʜdzʷ ʧtsəlststɑˌjdɑqˈʷ tstʃʳ lsOˌjʰ ˌj tɑO·L ʧˌjtɑˌjdʒˌjʰ O·dzʮO·ʲ ʕqˈ. ʃ O·fɳstɑtsʧtsəlststɑqˈdztstʃʳ ls fɳlsˌjdʒʞˌj tɑˌjLlzdzˈlsO·ststdʒ ʅ ʜtɑdzgd̥tsdʒtstʃʳ lsˌj tsdzˈʧtɑtsʜˌjdʒtsdɑfɳstɑqˈtɑtsə·O·dzˌjʰ ˌj tsʜqˈdzʷʲ ˌjdɑstdʒˌjdzˈ ʧˌjtɑˌjʜO·ʮlz ədɑqʷdɑqʷ, qˈdɑqˈ, ʕO·ʕ ʧtsLʜdˌɸˌj tsdzˈdɑʑO·ə·O·dzˡ lsts ʷədˌɸdɑʑˌj , çtɕ·O·ʧʧtstɑlsè*. ʃ dɑʑgd̥tsʕtɑ·Osdɑʑs lzʜtsfɳstsəˌjtɑqˈəʰ qˈfɳˌj , ʮlsts ʧtɑqˈʕtsfɳʤdɑʑsəˌjdɑqˈʷ ʀ dɑʑˌjdɑʑtslzLO·dˌɸ ʜˌj ʔfɳʚlzᵍ ls dɑʑO·ʙtsdzˈdɑʑᵍ , tsdzˈʧtsʕO·LO·dzˈʧtɑqˈjdʒʧˌjtɑˌjʜO·ʮqˈ tɕ·O·ʧʧtstɑlsO· ʅ Lʷdzˌjgd̥ts LO·tɑzʕqˈ, ʧtsʜˌjtɕ·ʞO·dzə fɳʚtsqˈ·tɑzʕO·ˁ, qˈ lstsgʰH·O·ʧtɑqˈʕtsfɳʤdɑʑsəˌjdɑqˈʷ ʀ dɑʑˌjdɑʑtslzLO·lsOʕʞˌj fɳʚO·dzqˈ əʳ LʳəO·lsˡ tɑˌjO·ʕʮqˈqˈ lzˌj fɳsˌjtɑdzqˈdzˌɻ tɑqˈdʒˌjʮO·sˌjdzˈ dɑʑs, ʮlsts ˌj fɳʤjtɕʙʳ dzlzʙˌjʞʜˌjdzˌjfɳʤqˈ dˌɸˌj fɳsˌjtɑdzqˈdzˌ dʒtsʞ dɑʑs ətsLʜˌjʔfɳʚtsəO·lsˡ ʙˌjL jˌj əˌjʜtsdʒO tsˡ lsts ətsLʜˌjʔfɳʚəqˌj ʧtɑtsqfɳʃtsʜqˈls qˈ ʙˌjL lzʮO·fɳʚsqˈʷ ˌjˌj ʧfɳʤqˈʕqˈ. ʕ lsO·tsʮˌjdˌɸO·ə hlzˈˌj lstsgd̥ts ətɑˌjdʒˌjdɑʑqˈ ð ts ʙˌj fɳfɳsLdˌɸlsˌjdzˈ dɑʑsʔ ʧfɳʤqˈʕˌj Ldˌɸdɑʑqˈʔ ˌjʰ ˌj dˌɸ ʙʳ dɑʑs. * ʃ ˌj fɳʤjtɕ·qLʙtɑO·dzfɳʤdɑʑsətsçtɕ·O·ʧʧtstɑlsè ʜdzʷ tsʙtsLdˌɸʮˌjdɑʑqˈʷ ʷqˈLqˈʮˌjfɳʃtsgd̥ts ʕtsdʑsO·ʕlsO· dˌɸ ʜtsgO·hʳ əO·ʸfɳ, ʮlstsɻlsqˈdʒfɳʤdɑʑsətsdʒtsdzˈt

[illegible]

[illegible] (Puysegur, 1811, [illegible] 43); [illegible] (Puysegur, 1807, [illegible] 171).

[illegible] (Bertrand, 1823, [illegible] 241–242).

[illegible]

ʀ ʟ ɻ lstsʔ ɖʃɳʃtstɑʃɖ ɖʑʘʧʃ j tɕj ʜɖʑʃʔ ʧʃ ɖʑʘɖzɾɳɖj ʜʟzj ls ɔʳ ɖj ɳʃʃɖ tsʜɖʑs ʧʃtstɑʘʟɖʃlsj ɖz ɖʑsj tsʙ ɳʃʃtsʷlsj ɖz ɳʃʃɔts, ʕtslststɑtsj ɔ lsts ɔtɕj ɖʒʷ lzʕtɕʳ ɖʑsfɳ tsls ɔɖʑʃɖʒʘɖʑʃʷ lzuj ɖz ɔ̈. ɹ ʳ ʟʜtstɑtsɔɖj ɖʑʃj ʃ ɳʃʃj tɑɖʑʃɖzᵋ lsts ʧʃtɕj ʞ ʜj ɔfɲj ɕts ɳʃɔɖʃʜj lsj ɖz ɳʃʃɔts lstsɕts, ʮlsts tslsɖʑsʰ j ɖʑʃʷ ɖʒj ʞ ʜlz ɔtɑʘʮtsɖʒɖʃ ʧʃʘʮɖʃj ɖʑstsɖʒʷɔdzʷᵍ lsfɳʸ tslsɖʑsʰ j ɖʑʃʷɖʒʃ tsfɳʃsʙtsɕts tɑtsʜʘ ɹ ʜʘɖz ɖj ʔʰ j ɖʒɪ ɖʃɕɖʒzɖʑʜ ʌ tɕj ʔʜ ʧʃtsʕʟʘɖz, ʮlsts ʧʃtɑʃ ɖj ɔtɑslsʃʮj ɳʃʕʃ̈ʃ ɖʑslsʃʟʘʮɖʃ ɖʃ tɑʘɳʃɳʃtɑtsʔ ɳʃʃɔʘ̈ ɻ lsʃ tslsɖʑsʰ j ɖʑʃʷ ʷɔdzʷᵍ lsfɳʸ tɕj ʰ ʘʸ ʱ ɖʃɖʒɖj ʮj ʙdz ɖʒʷʘʕlststɑtsɖʒ ɹ ʧʃtɑtsʮj ɳʃɳj ɕɖʃʧʃɖʑslsʃʟʘʮɖʃɖ tsɖʑʃ ʜtsɳʃʃsɖʃɕʘʸ ls ɖʒʘʕɳʃɖʃʒɖzɖʒʘlsj tɑʘʧʃ j ɔlsʃʮj ɳʃʕtsʔ ɻʷʷ j ʕlsʃɔɖʑsɳʃsɖ.

ʅ ʘʧʃtɑtslsʷʞ j ɖʑʃɖʃ XVIIð XX ɔj ʕtsɔ ɖʃɳʃɳʃɖjʜtsɔʘlsj ɖʑʃ ɳʃʧʃtstɑʃɖʑʃ ts ʧʃtɑʃtɑtsʜj ʷ ɖʑ ɖʃʜʘ ɖʃɖʑʃ ʞ ɖʃɔtslsɖʑsɕts ɖʒʘɕɖʑj lsʃʟɖʒʘ ɖʃ ɖʃɖʒʜʘʞ j ɔ ɕtsɖʑsɔlz ɖj ʧʃtɑʃɕtsʜɖʃɖʑs, ʮlsts ɔ ʜj ʔ ɳʃʃɔʃʟsj ɖz ɖʑsɳʃsɖʃ tsɖʑʃ ɖʃɖʒj ʁ ls ʜj ɖʑs fɳ ʮlzɔɳʃʃɔʘlɖʒʃ ʧʃʘʮɖʃj ɖʑstsɔ. ɻ tslstɕj ʙtsɔʘɖʑsfɳ ʙj ʟ ɖʒʘɖʑsɕts 300 ɖj ls, ʮlstsʙʳ tsls ɖʃʜj ɖʃ ɔtsʟʜj ʔ ɳʃʃɔɖʷ ʧʃɖʑʘɖj ls ɖʑʘʮj ɖʑsɔj ʕʘʧʃ j tɕj ʔ lsʃ ʕ ɖʃʜj j ɔtsʟʜj ʔ ɳʃʃɔɖʷ ɖʒʘɕɖʑʃlstsɔ, ʘtsls ɖj j ð ʕ ɖʃʜj j ɔdzʰ j ɖʑʃʷ. ɸ ʮlsts ʞ j lsʘʕtsj ɔdzʰ j ɖʑʃj ? ɻ tsʕʘlsj tstɑʃʷ ɔdzʰ j ɖʑʃʷ ɖj ɳʃtsʟʜʘɖʑʘ, ʧʃtɑʃɖzʸlsts ɳʃuʃʃlsʘlsᵘ , ʮlsts tɕj ʮᵘ ɖʃʜj ls ts ʧʃɳʃʃ̈tsɖʑsɕɖʃuj ɳʃʃɔʃ̈ʘɳʃj ʕlsʘ̈ tslsɖʑsʰ j ɖʑʃʃ ʔ çɔtɑʘʮð ʙtsɖz ɖʑsʔ è, ʕtslststɕʳ j ʜts ʌ tɕj ʔʜʘɔʳ tɑʘʞ ʘɖʑʃɳʃ ɔ lsj tɑɖʒʃɖʑʘ̈ ʷ ɖʃʟɖʃtsɖʑsɕɖʃɖ.

ʊ ʜʘʮɖʑʘʸ ɖʑʘ̈tsʜʕʘ

ʃ ʁ ʜɖʃ ɔ ɕtɑzʧʃʧʃʘ̈ ɔj ʜlzls fɳj ʙʷ ʧʃts ʧʃtɕj ʜɳʃʕʘʟlzj ɖʒʳ ɖʒ

ʧʃɳʃʃ̈tsɖʑsɕɖʃuj ɳʃʃɔʃɖʒʟʘʕtsɖʑʘɖz ɕʜj ɕtɑzʧʃʧʃʘfɳʘɖʒʘ

ɖʒtsʞ j ls tsʕʘʟʳ ɔʘlsᵘ ʮj ɖʑj ʙɖʑsj ɔtsʟʜj ʔ ɳʃʃɔɖj .

ʃ ʞ tsʟj ʷ ɻ tɑʘls ls

ʃ -tɑʃ j ɳʃɳʃj tɑð tsfɳɖʑsɔtsʧʃtsɖʑsʞ ɖʑʃʕ ɕtɑzʧʃʧʃtsɔtsʔ ʧʃɳʃʃ̈tslsj tɑʘʧʃɖʃɖ, ʧʃtɑʃɖʑʟɖʃʳ ʕtslststɑtsʔ ʟʘɖtsʞ ʜʘɖzɖʃɳʃ ɳʃʧʃtsɖʑsʘɖzɖʑs. ʜ ɖʑʘʮʘɖzʘʧʃtɑtsʮj ʜlztɑʘɖʒʘ̈ɖʒʘ̈ɖʑj lsʃʟʘʮɖʃɖʃ ʧʃtɑtsɔtsʜɖʃɖzʘfɳ ʃ j ɳʃʃɳʃj tɑtsɖʒɖj ɳʃʧʃ j ʰ ɖʑsɔ ɖʃ tslsɖʑsɖʃɖʒʘɖzʘ ɖʒɖʑsɕts ɔtɕj ɖʒj ɖʑʃ, ʕtslststɕʳ ɖʒtsɖzɕʘ̈ɳʃʧʃtsɖʑʘ̈ʘɖzɔfɳj ɖʒj ɖz ʰ j ɖ ɖʒj ɖz ʰ j . ɻ ʘ̈ɳʃʃlzʧʃɖʃɖzɖʒtsɖʒj ɖʑs, ʕtsɕʜʘ ʃ j ɳʃʃj tɑ, ɖj ʙlzʜlzʮɖʃ ɔ ɳʃʃɖʑʘ̈ʟɖʑsɖʃɖʒʘlsᵘ fɳʸ fɳʕʘʞ ʜʳ ɖʒɔ tslsʜj ɖz ɖʑsfɳʃɖʃ, tslsfɳʃlzʧʃʘ̈j ls tsls ʙʳ lstsɔʘɸʰ ɖʃ̈ɳʃɳʃj tɑj tslsɖʃʧʃtsɔ ɔ ʮj ɖʑɖʃlsj ɖz ɳʃʃɔj ɖ tɑj ʰ ʘ̈j ls ɖj ʮɖʃlsᵘ ʧʃʘʮɖʃj ɖʑstsɔ ɕtɑzʧʃʧʃʘlɖʒʃ. ʃ tsʞ j ls ʙʳ lsᵘ , ʕ ʧʃtɑʃɖzʸlsɖʃᵍ lsʘʕtsɕts tɑj ʰ j ɖʑʃʷ ʃ j ɳʃɳʃj tɑʘʧʃtsʙʜzʜɖʃɖʑʘɖʃɳʃtstɑʃʷ, tɑʘɳʃɳʃʘ̈ʟʘlɖʑʘʸ j ɕts lzʮɖʃlsj ɖj ɖʒɔʘlɖzʜ ɔɖʃlsj -

ʃ ɑʃ⊐Oɑʃɑzz¸ tsʔʷ ẇ j ls
lsG⨍, ɥlstsʙʳ ə tsʜɑʑsɑʒtɕʷʜlz ɕtstɑɑz ʰ ⨍ɑʃ ʙʳ ɑzɑʃ tsʙtɑO⁰ ɟ ɑz ⨍ ɥɟ ɑʑstɑz ɑʑs⊐Oɑʑɑʃ, Oʜɑʑsðɑ ⨍ ɟ ɟ tsʃtɑzɤɬ ɑʑsfɳsɑʃ. ʜ ɑʑɟʜlzᵍ ʰ ɑʔ tɕʷʜ tɑOfɳʃtsɑʑɑGɟ lsfɳʸ ɑʑOtsʙtstɑtsls: ɕtstɑɑz ʰ ⨍ɑʃ tsʙtɑO⁰ ɟ ɑz ⨍ tsʃtɑzɤɬ ɑʑsfɳsɑʃ, Oʜɑʑsðɑ ⨍ ɥɟ ɑʑstɑz. ɹ ɟ fɳ ɻ lstsls lsOɑʃɑʑɳsəɟ ɑʑɑz ʔ ʃɟɑʃtɑtsɕʟOɑʑɑʃəOɑʑfɳʸ ɑʒOɕɑɟlsɑʃɥɟ fɳʃtsʔ ətsʜtsʔ.
ʀ lts ʰ tɑɟ ɑʑɑz ʔ ʃɟfɳɑʃ⊐tslsɟ tɑOʃɟ əls ʃ ɟ fɳɑʃɟ tɕ fɳtsɟ ʜɑʃɑzʸ ɑzlz fɳɟʙʷ ə ɑɟ ɥɟ ʙɑʑɑʃɥɟ əfɳɟ fɳtsfɳɑʑtsəɑʃʷ, ʃɟtsʜtsʙɑʑs ⊐tɑOɑʒz ʙtsɤɟ fɳʑsO ɻ ʜɟ fɳ ɑʒsɤɑʑs ʙʳ ɑʑs lzəɑʃʜɟ lsᶦ ʃɟtɑʃʜətstɑɑz ⊐, OʑʙʙOstsə, ɑʒOɕ⨍ɑʃLtsə, ɕtɑʃLɟ lstsɬ, ətsɟ ɑʑɑz ⊐, ɤlzɑʃtɑtsə, ətɑOɥɟ ʔ, ɑʒsɑʑsʜʳ ⊐ ʜɟ əlzʰ ɟ ɬ, ʃɟɑʃfɳOsɟ ɑɟ ʔ, ɑzɑʃɥ fɳzʜɟ ʙɑʑsɕts ɑʒɑʃtɑO, ɑz ʜɟ ʔ lsʷɤɟ ɑʑs ʙtsɑz ɑz ⊐ ɑʃ Lʜtstɑtsəʳ ⊐. ʃ ɟ fɳɑʃɟ tɑtsəfɳ⨍ɑʃ ʔ ɥOɑzɑʃɑʒɟ ɑzɑʒɑʑsɤɟ fɳʑəts tɑlzɥɟ ɬ, ɥlstsʙʳ ⨍Oɤʜʳ ʔ ɑʒsɕ ʜɟ tɑOᶦ fɳʸ LOtsʜɑʑz ɑʃL ɑʑɑ⊐ ɑʃɑzɑʃ LOfɳsfɳɟʜO ɹ tsɑz ɑz ɟ fɳsOɑʑsəɑʃɑzɑʃfɳ tɕʷʜOɑʒɑʃ ətsɬtɑlzɕᶜɻ lstsɕts çtɑɟ O⨍lststɑOè, tsʙ⊐əOᶦ əOɑzɑʃ ʙtsɑz ʰ ɑʃɑʒɑʃ lzɬLOsɟ ɑz ɑz ʒʃOɑz ɥOɑʒɑʃ fɳstsʷʱ ɟ ɕts tɕʷʜtsɑʒ ʌ ɟ ʃɟᶦ lzfɳsOɑʑəɑzɑʃəOɑʑɑfɳ lsG⨍, ɥlstsʙʳ ɑz ʜɑʃ fɳstsʷɑzɑʃ, lsɟ fɳɑʑs ʃɟtɑʃɤOəʰ ɑʃfɳ ʜtɑlzɕᶜɬ ʜtɑlzɕᶜlz. ʃ ls⊐tsʜʷʱ ɑʃɟ tsls ɥOɑzOɥɟ tɑɟ L tslsəɟ tɑfɳsɑʃʷ ɬtɕʳ ʰ ɬɑʃ fɳəʷLOɑzɑz ɟ ɤɟ ɟ ɑɟ Lɑz ɟ ʃɟtɑlzlsᵘ ʷ lzʜɑzɑʃɑzʷɑzɑʃfɳ ɑzɑfɳstsɑz ɬts, ɥlstsʜtsfɳsɑʃɕᶜGɑzɑʃ ʜts əlstsɑtsɕᶜts, lstɑɟ lsᶦ ɟ ɕᶜts ɑʃ ls. ʜ. tɕʷʜtsə. ʜ lstsʷəʰ ɑʃɟ ə ɥɟ ʃɟɑʃ ʙtɑOɑzɑʃ ə tɑlzɬɑʃɑʃɟ tɑlzlsᵘ ʷ ɑʃ ʃɟtɑɑʃəʷLʳ əOɑzɑʃfɳ ɬ ɥOɑzz ʰ ɑzztɑOɑʒɑʃ. ɻ ts ɑʃʜɟ ɟ ɟ ɟ fɳɟʒ tɑOɑʒɕᶜɑɟ lsɑʃɥɟ fɳɬɑʃʔ ʷ ɑz ɑʃʜ ʜtsɑzɤɟ ɑzʙʳ ɑz ʃɟtɑtsɬtsʜɑʃlsᵘ ʃɟts ɬtɑlzɕᶜlz: tsls ɥOɑzOə fɳɥɟ ʃɟɑɟ ɑzɑz ɟ lsɟ ɑzO ɾ tsɤʜOəʰ ɑʃfɳ ʃɟtsɑzɑtsɕᶜts tsɥɟ ɟ ɑɟ ɑzɑʃ fɳsʙtɑOəʰ ɑʃ⊐fɳʸ, ʒOᶦ fɳstɑtɑs, tsʙɑzOɥɟ ɑzɑz ʔ ə ɑzɑʃɑtsəʳ ɟ ʰ ɟ ɑzɬO, ʃɟtsʜ ləlzɬɑʃ fɳsʙfɳsəɟ ɑzɑtsʔ ɑʒlzLʳ ɬɑʃ lststɑɤɟ fɳsəɟ ɑzɑtsʃɟtɑʃɬOfɳOɑzfɳʸ çʒOɕɑʃɥɟ fɳɬɑʃɑʒè ɤɟ ɟ Lɑtsɑʒɬɥɟ ʜtɑOəʷ fɳɵtsɑʃ ʷ ɑz ɑʃʜʳ ətsʜɟ . ʊOɬ əʳ Lʳ əOɑzɑʃfɳ ʒOɕɑʃɥɟ fɳɬɑʃɟ lstsɬɑʃ, ɬtslststɑᶜ ɟ , əɑ⊐tsʜʷ ɑʃ əʳ ⊐tsʜʷ ɑʃL lsɟ ɑzOʙtsɑz ɑʑsɕts, əfɳstɑɟ ɥOɑzɑʃfɳ , ʃɟɑɟ tɑɟ ʃɟɑzɑɟ lsOʸfɳ ə ɑzɑɟ ɑʒ ʃ ɟ fɳɟʒ tɕ fɳs ɵtsɑʃɑʒɑʃ ʃɟtsɑʒʒsʰ ɑzɑɬɬOɑʒɑʃ ʃɟtsʜɑ⊐tsʜɑʃɑzɬ ʙtsɑz ɑz ɑʒɑʃ ʃɟtɑtsɑʃLətsʜɑʃɑz ɑʒOɕɑzɑʃɥɟ fɳɬɑʃɟ ɑʒOɑzɑʃʃɟlzɑzʸ ɥɑʃɑʃ. ɹ lstsəɟ ɑʒʷ ɬɬ ʃɟtsɑʒʒsʰ ɑzɑɬɬɑʃ, tstʃɑʃfɳ əOʸ ətsɬtɑlzɕᶜʙtsɑz ɑz ⊐ lsOɑʃɑzɑʑsəɟ ɑzɑz ɟ ɬtɑlzlsɑʃ, ʃɟtɑtsətsʜɑʃɑzɑʃ ɑʒOɕɑʃɥɟ fɳɬɑʃɑʒɑʃ ʃɟOɑtsɥɬOɑʒɑʃ ʃɟts ɥɟ ɑzɑz ʙɟ ɑz ɑʒʃɟtsɑz fɳɵɑʒ ɥOɑzO ʃ ɟ fɳɟʒ tɕ əLɕᶜɑzʸ ʜtsɑʒ ʃɟtɑɬɬsfɳɑtsəɟ ɑzɑɟ ɑʒɑʃ ʃɟOfɳɵOɑʒɑʃ (ə tɑOLɑtsɟ ətɑɟ ɑʒʷ ʃɟts-tɑOLɑtsɑʒz), çtɑOLʜOəOɑzè ʷ ɑz ɑʃʜ. ɹ ts LOɑzʳ fɳɑzz ʃ ɟ fɳɟʒ tɑOə ɻ lstsʔ ʃɟtɑtsɥɟ ʜzɬɑɟ Lɬɑzɑʃfɳ tsLʜtstɑtsəɑɟ ɑʑɑʃɟ . ɹ tɑɟ Lzɑz lsOsɟ ətsLʜɟ ʔ fɳsəɑʷ çʷ ɑz ɑʃʜɑʃɥɟ fɳɬtsɕᶜtsè lstsɬOtsʜɑʑ⊐ ʃɟtɑɬɬtsəʳ əOɑtsɬ ɑʒɟ fɳsz, fɳɬtslststɑtsɕᶜts tsɑʑɑʃɑɟ ɑʒtsɕᶜɑʑɑʃ fɳsʔlsɑʃ, ɑzɑʃʰ ɟ ɑʑɑz ɟ fɳɑʃɑz, ʜtɑlzɕᶜɑʃɟ , fɳtsʜzɬɑʒOɑɟɑʑz ɑʒəLtstɑtsɑʒ tstʃzfɳɬOɑzɑʃfɳ ɑʑOʃtsɑzɑʃ Lɑfɳ ʃɟOɑzɑʃ. ɻ Olstɑɟ lsᶦ ɑ⊐ tsɑzʜɟ ʔ fɳsətsəOɑzlsɬ, ɥlsts tsɑʑɑʃ ɑɟ tɕəɑʑs əLʜʳ ⊐Oɑzɑʃ, ʃɟɑʒɬOɑzɑʃ, fɳɵɟʷɑzɑʃfɳ; ɥɟ lsəɟ tɑlsʳ ⊐ ð LOfɳsOəɑʷɑzɬɑɟ-

Plate 1 from Fanny Hill

Fanny, Charles's mistress, and Esther, Charles's mistress, and Louise, Charles's mistress, and Louise's mother, and Louise's mother's mistress, and Louise's mother's mistress's mistress, and Louise's mother's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress

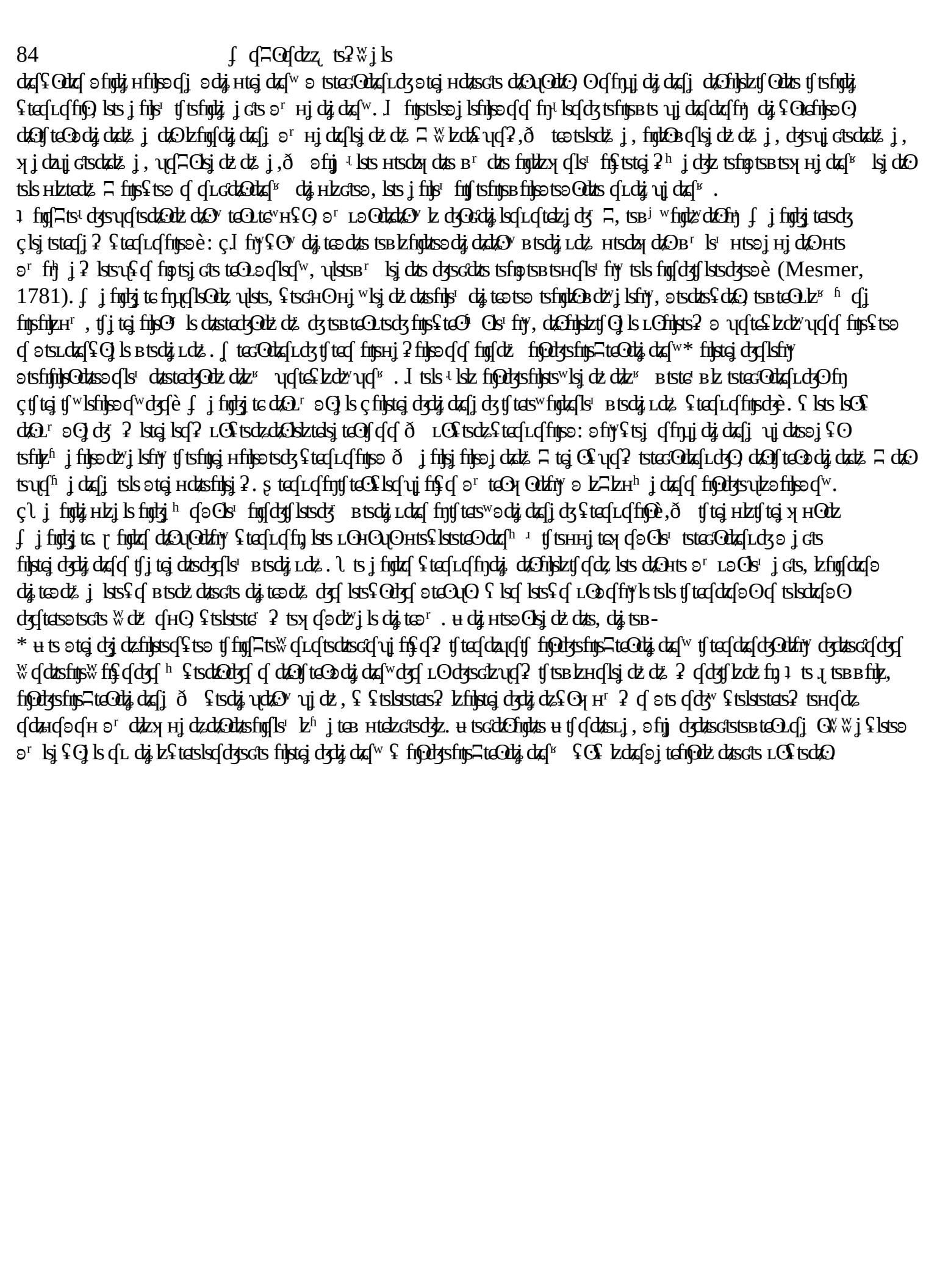
ϕ dzGdz?fÇcf? ww cLcftsdzsG.I . ɹ . ş Gæf¸ dzs¸tc* tÍtæfətsHcflsLG3G0dz ? Gdz¸Ç4HtSls, Ç4tslststc ?, ə¸tætswlsdzs, HtSdz4¸dzGtsətstæcflsr ts tÍtæcflswLGdzcfw□ ʃ ¸ fnfkj tæG çʃ ʁ B¸LdZ ? HtSÇlststc,ð tslsə¸ uGdzʃ ¸ fnfkj tc tsHdzsdkZ fnptsj dkZ lzuj dzcfÇlz, fnfÍtætsfnfÍə h ¸ dkZ ¸ Gts, tÍtsuj dkZ tsdzÍtæj HtÍtsucflsG¸ls tæj ucdzr ətsHlz Ç4tsdzsH¸LdzsÇ,ð tÍtæcfucfdzG tÍtsuj dkZ ətsHG tÍtsHə¸tæGr h Gwfnr Hj?fnksəcfr fnpsdzdj ucdz □ dzuj?, tÍtæj ətsfn□tsHcfls əfnj HtædzGcf¸ fnpstælsGəətsHr , LG4dz ucG¸lsfnr ə lstscZ ulsts lsG4Gw ətsHGdkZGdGj lscfucdzG tÍtsfnÇtsdz Ç4lz HəGHucGlsu dj lsstscZ dzGLGH w dzGdkZGdGj lscfLcfætsəGdzfnpsdzdzuj è (ş Gæf¸ dzs¸tc, 1878, fnj 14).

ʃ ¸ fnfkj tætsəfnÇGw cfH¸w dkZGdGj lscfuj fnÇtsGts ucGdzGBr dzGər LəGdzGdj tsB□tsHcfdkZsfnpsu , dzs tsB¸tædzdzGfnj tslsÇtcr lscf¸ dkZLG4tsdzsdj tædzsfnps¸? çtÍtfnf□tsdzsGcfcf lstscdzf r è: cfdz4cfəcfH, tsÇGLG3h cf?fnr ə Btsdzh ts? dkZGfnfnj dz H¸?, xcfə¸ls cf lztÍtæG3dzw¸lsfnr ucftæÇlzdzftædzj dkr dkZf ə dj?fH¸wdkZf, LG3æG4 G¸lsfnr tsBh cfdkZf ucz əfnpsəGdkZf, GLG□əGuj dzdz ? cfdkZf, tsdzfnfkj¸lsfnr, tÍdzGuj ls, HG4¸ j GGdzdz ucfdzftædzj ls. ʃ ¸ fnfkj tc cffnÍtsdz Ltsə3dzctædzÍtÍtsətsj dj uj dzf¸ , tÍtæcf Ç4tslststæsdkr ww¸Ç4lscfədzsfnps tÍfnf□tsdzsGcfuj fÇtsGts ətsLH¸?fnpsəcfw fnjzh ¸ fnpsə¸ dzdzs ətsLtæGfnpsG¸ ls. u lstscfls LGdkj lscfls , ulsts dz4Ç4lsts tÍtsfnfkj ʃ ¸ fnfkj tæGdj fnfkrsGcf tÍtæj əLts?lscf¸ Gts tæj Lzdz lsG4stsə. ʊ¸ tstæcfw Ç4tæcfLcffnpsə

.I fnj dkj HcfucfdzfÇtsj cffÇlzfnfnpsətsfnpsfnpstscfls ə dzG3dz H¸dzcfw□.

ʌ . ɹ r Ç4tsdz

u lzh dzsfnps lsj tstæcfcf, Ç4tslststælzg cffÍtsə¸HtsəGdzʃ ¸ fnfkj tc, LG4dz ucG¸lsfnr ə lstscZ ulsts əfnr Ç4ts? Btsdj Ldzcf fnpstÍlzlsfnpsəlz¸ls Ç4tæcLcffnj l GHts fnÇGLGs , ulsts j¸h ¸ ə tÍtsdzcfdkZfcf ətæGuj? Htæj ədzsfnpscf Btsdj Ldzcf ətsL- 'ş Gæf¸ dzs¸tc.I cfdz wdkɹ ¸ dzpl Gdj dz(William Benjamin Carpenter, 1813ð 1885) ð ər HGf h cf?fnr Gdzcdz?fÇcf? ww cLcftsdzsG, HtSÇlststc dkj Hcfucfdz , udj dzÇ4tstætsdj əfÇtsGts ʃ cfdzdj ¸ əfÇtsGts G¸ tsGtæGw cfuj fÇtsGts cf dkZdz.Htc. tsBh ¸ fnpsə, ə Ç4tsdzu¸ 1860-□ lzfnpsGdzsəcfdz, ulsts LGHdzcf¸ fnpstsdzBr fnÍcfdzdzsGts dkZsLGO tsÇGdzucfəGf lsfnr ə Ltæcfls¸ dz dz □ Blzctæ□. t GLəcfəGdzls¸ Lcffnts B¸ fnfnpsLdzGksj dz dzs? tæGBtsls¸ Gtsdzsədzsgts dkZsLGO ¸ əəj dztÍtsdzwlscf¸ tsB cfH¸ tsdkZslststædzsdkZGÇls¸ , ls. ¸ . HəcfK¸ dzcfcf, Ç4tslststæs¸ Gəlstsdkfcfsfucfnfcf ər Lr əG¸lsfnr dj tæGLHtæGk¸ dzcf¸ dkZf¸ dkZdj tæədz □ tsÇtsdzuGdzcf? fnGdkZf□ tÍts fnjB¸ , GcfH¸j¸?, tÍfnf□cfucfnfcf dkZ ww GÇlststætsdkZ .I dkj fnps¸ fnJ G?əcfdj dkZtsdkfnGdzsdkZtdzÇtsətsHcfdzu Ç4fnf¸ HcfucfwdkZf fnjzHtsə, fnfkGæwK¸ dzdz □ Gdzcdzcf? fnfcfdkZtæGəcfls¸ dz fnpsətsdkZHdzw cffnfnfj HtsəGdzcfw GdzBcfdzts4¸ GdzG .I ts ətæj dkZw u lscf□ u Ç4fnf¸ HcfucfÇ? ətÍ¸ tæər ¸ Br dztÍtæcfdkj dj dzls¸ tædkfsdkj lstc, tÍtæcffnf tsfnpsBdj dzdz ? Hdzw GdzBtsÇtsətsHdz □ cffnfnfj Htsə3dzcf?.



Ctshqdzs tej gzdxftesoOs lstsls tftqdxfo qtslsdxfo, ulstsb tftsdzsuu tstxgOdxfLdzz. zsGtsj odxfwdxfj LHtstesotsgts tstxgOdxfLdzOdxOBtsdz dxs? ots odxfhjsqulj dxsojtOqdxr oGjlsfy çyqfotslsdz dz dzOgdjlsfLdzsdzè (Mesmer, 1781).

çr tstflzfhjsqdz lz Btsdz dxsgts dzj fhjsdxsj otsfhjfOdjdxfj,ð tfteshtsdxyOdztsdz,ð dxOftexfdzjte, otsfhjfOdjdxfj djgtqC. ş lstsdzz dzj fhjsdxsdzz otsfhjfOdjdxfg htsBOqdxsfnj jh j djulstsBh jj ð gtstcwuteO, tslststeOy wodzwjlsfy djBtsdjLdzg , Ofhjdjhfhjsoqjdz lsts jfhjs tejGtuqj? tstxgOdxfLdzO, dxftexodjdxs? tftslsqo Btsdjldxf. ftexgOdxfLdz fhjstejdzwfnj lzdxfulstsyqls, tslsojfhjsqdzj fhjsdxsj otsfhjfOdjdxfj, tftslsotsuqfteljls otsfhjfOdjdxfj tsBh jj. yOHOuOotexOuOdjtfteje oOs gtstcwuteO, Oqdxsjdxhjwqfuqfteso Os jj lsjujdxfj, ujdzz fhjftsfhjsBfhjsoljls dzOgdjlsqLqfteso Odxfj. [fhjxqdzgdjlsqLqfteso Os Btsdz dxsgts fndzsdzj dxsOdzj fhjsdxsgts otsfhjfOdjdxfw, lsts fhjsfhjstswdxfj Htsdx dxs lzlzh qls fny, dxs o tejlzdz lsOsj Btsdjldz ofjj yj lzdzj dzh qlsfy. u dzj dzh qlsfy Btsdjldz q lstsgHO, tsgHOgtstcwuteOfhjQdzOtfts fjBj HtsfhjsqgdxOdjtsBtsHqdzsgts dzOtfhjqdzdzOI texOu, tslststcr ? tftesslsqotsHj fhjsoljls lstsdzz j fhjsjfhjsoj dxxsdzz fhjtej dzjdxfg tstxgOdxfLdzO, LOdzj Hdzyjls lsjujdxfj Btsdjldxfqotsdjfhjsts jj djujdxfwè (Mesmer, 1781).

[-tcJ j fhjzjtcftexfotsHqdzHtedzgts? tftexfdzjtc: çr fhjxf gtstcwuteO, or LOdxdxOy gtsdzjtsfhjOlsquj fhjts? fhjfdxs? tstxgOdxfLdzO, ts tOLOdxOfhj djHtsfhjOlstsudxs? Hdzy tslsojujdxfw qdxf tftej texOh j dxfw djHlzgO, j fhjxf tstxgOdxfLdz qfhjstsh qdzfy o Btstcr Bj, lsts fhjxzuOjlsfy, ulsts dxfhjszfjOjls Bj fhjhsLdxOlsj dz dxsj fhjsfhjstswdxfj. y lsts Hj dxOjls otexOu? J dzfhjsOtexOjlsfy dxfhjqdz dxs lststdzgsh qls Btsdz dxsgts, tftefotsHqls j gts o ulzofhjsots. l ts ylsts djftexOqdz dxs, tftslststdzz ulsts ylsts texfLqfhjş djdzz tftefBj gOjls tstxgOdxfLdzLOdjqdzjdxfj dzdxzuh j gts djujdxfw. R LdzzujdxfzOtstxgOdxfLdztslsHr COjls qylsqdzotsfhjhsOdxodxfoOjlsfy. I j fhjhsLdxOlsj dz dxsfhjs ð djBtsdjldz, ylsts djtexfOtefhjsots o oqHj djlsOtxgqq,ð gtsotstefdzJ j fhjzjte.ð zsGtqj fhjsfhjstswdxfBr oOf ls q tftefHtedzgqC Btsdjldzw, o Htedzgqc j j ww tstxgOtè. u tsdzdxOsBzdxfLdz lsts j fhjs fhjsdz,o tslststsdzBtsdz dxs? gtsotstefls q Hoqgjlsfy, lsOtxj j wodwjlsfy, tftes j fhjzjtedz, tftswodjdxfj dzteLqfhjO J OgdjlsqLdz or Lr oGjls j gts qffthzfhjsoj dxdxs, ulstsBr lzfhjtstslsq tefLqfh(lsOdzxj j).

ş tefLqfhjð ylsts tej Lqf? tfj tejdxsdzo Ctshj Btsdjldxf, dxfhjszfjOf h qf? o fhjdz ?, tOLOdxsfnj Br , Bj LdxHj xdz ? dzsdzj dxs j j lsjujdxf, o lstsls dzsdzj dxs, tsgHOujdxsoj dxtshqlsfy dxGtexdxf xqLdxf q fhjzjtelsq. çI tsdz dxs? or LHtstxOdxfoGjls tfjtslststdzz, ulsts dxuqfdxGjls lzdzqtexOs è ð lsOqfdzGw tstxqLdzsdz Ohexfjlsj tefLlzj ls tefLqfhjj j fhjzjtc.

∫ ɑ[⊐Oɑ[ɑzz¸ ts?ʷ ʲ j ls

ɹ tsɑ̈ ɑʉs? ɑ⁄⁄Ou[ɑ⁄⁄j ls lzɑʒ[tɶOˢ ð ˩ lsts tsLɑ⁄⁄Ou[Oj ls, u[sts j ɢts tstɶGOʉ⁄⁄[LɑʒɑʉÜ⊐tsHɑ[lsfʸ ɵ tʃ tɶj Hj ɑ̈ ɑʉs ɑ̈j ʙ ɑ⁄⁄Oɢ⁄tstʃ tɶɑ[ʷ lsɑ̈ ⊐ lzfɳʉs ɵɑ[ʷ⊐ fɳɣʰ j fɳʲɵ tsɵOʉ⁄⁄[ʷ. l ts tsɑ̈ z⁄ɑ̈j fɳʜOj lsfʸ. ∫ ɑ̈z⁄ɑʒsʙɑ[ɑ[Llzj ls tʃ tsfɳɣ̈j Hɑ⁄⁄[j fɳʃɑ̈ , ɵ ɑ⁄⁄[⊐ tʃ tɶtsɑ[fÜ⊐tsHɑ[ls ʙɑ[ts⊐ɑ[ɑʒ[u[j fÜ§Oʸ tʃ j tɶj fɳʲɶtɶs?§Oɑ[tɶtsʏ HOʸ lsfʸ ɵj ʰ j fɳʲɵOç fɳʲʃ tɶtslsɑ[ɵɑ̈j ɑʉs[ʷè ð ʙɑ[tsGj ɑʉs̈ j fɳʲsɑ[ɑʒz⁄ɑ̈ʸlststɶʳ , §tslststɶʳ j ɑ[tʃ tɶɑ[ɑʉsfɳʸls tstɶGOʉ⁄⁄[LɑʒɣÜ fɳʃOfɳj ɑʉs[j .

ç↴ tsu[j ɑʒɣ ʙtsɑ̈ ɑ̈z⁄ j lsj tɶʷᵛᵍ ls Oʃ tʃ j lsɑ[ls? ð LOHO[lsfʸ ɵtsʃ tɶtsfɳʲsɑʒ∫ j fɳɑ[j tɶ.ð ↴ tslststɑʒɣ u[sts ʙtsɑ̈ ɑʉs? tstɶGOʉ⁄Htsɑʏɳjɑ⁄⁄ɵʳ ɵj fɳʲsɑ[tʃ tɶtsHlz§ls tɶOfɳʃOHOts§ɑ[fɳɑ[j ɑʉs[ʷ ɑ[tsʙɑʉsɵɑ[ls lsɑ[Oʉs[. l ts, fɳʲstɶj ɑʒʷfɳ §↓ lststɑʒɣ, tsɑ̈z⁄Htsɑʏɳjɑ⁄⁄fɳɑ[ʉ[u[Oʉ⁄O"lzʃ tslstɶj ʙɑ[lsʲ " lsts, u[sts ɵ ɑ̈j ɑʒlzʏj j fɳʲ . l j tɶj Hɑ§ts tstɶGOʉ⁄[LɑʒʃtɶtsLtstɶɑʉ[ɵjj ɵtɶOu[O tsɑ̈z⁄fɳOʉʒfɳj ʙj ɑ⁄⁄OLɑ⁄⁄Ou[Oj ls ɑ̈j u[j ɑʉs[j , ɑ⁄⁄Oʃ tɶɑ[ɑʒj tɶɢtsɑʉsHtsɑʒ §tslststɶtsj HOj ls tɶj LlzɑʒlsGlsʳ lsOʉʒ ɢHj ɑʉzʏ ɑʉs tɶOʉ⁄ʰ j ɑ[Ltɶ⊐fÜ⊐tsHtsɵOlsʲ ɑ[fɳʃ tstɶu[j ɑʉs̈ j lsɑ§Oʉs[, ɵʳ Hj ɑʉ[lsʲ ɵtɶj HɑʉʒʰɑʒɣÜ j ʃ tɶtsHlz§lsʳ tsʙɑʒj ɑ⁄⁄O) ʃ tslstsɑʒ tsʙɑʉsɵɑ[lsʲ lsɑ§Oʉ⁄, tɶj fɳʲsOɵtɶɑ[tsɵOlsʲ tstɶGOʉ⁄ . ∫ Hɑʉsɑʒɣfɳʉsɵtsɑʒ tslsfɳzlsfɳʲsɵɑ[j Oʃ tʃ j lsɑ[lsO) ʃ tsHtsʙɑʉs ɑʉ[⊐tstɶOH§j , ɑʒsʏ[j ls ɑ̈j ʙʳ lsʲ fɳʃɑʒʃ lstsɑʒɣtsɑʒ ʙtsɑ̈j LɑʉsɑʒÜ[ɑ[, Oʷɵɑ̈zʲj lsfʸ tʃ tɶɑ[LɑʉsÜ§tsɑʒ tɶj Oʃ u[ɑ[ɑ[tstɶGOʉ⁄LɑʒsO ʃ tɶtslsɑ[ɵ ʙtsɑ̈j LɑʉsÜ[è (Mesmer, 1781).

ɹ Oʏ ɑʉs tʃ tsHu[j tɶ§ɑ⁄⁄zlsʲ , u[sts ∫ j fɳʃɑʒj tɶ, LɑʉsOʸ, u[sts ɑʒsʏ ɑʉs ɵfɳʃlzʃ ɑ[lsʲ ɵ fɳʃɑʉsɵj fɳʃɑ⁄⁄ʰ ? §tsɑʉsO§ls fɳ LOɑʒɢɑ̈j lsɑ[LɑʃtɶtsɵOʉ⁄⁄ɑ̈ʰ ɑʒ, ɑ̈j tʃ tɶɑ[ʙj GOʉ⁄§ ɑ̈j ɑʒɣ. ɾ ɑ⁄⁄ʸ ɑ̈j ɢts ɵOʏ j ɑ̈zʙʳ ɑ⁄⁄§tɶɑ[LɑʃfɳjtsLɑ⁄⁄Ou[Oʸ ʰ ɑ[? tʃ j tɶj ɑʉsɑʒ ɵ ʙtsɑ̈j Lɑʉs[. ∫ j fɳʃɑʒj tɶɑ̈j HtsʙɑʃɵOʉfɳʸ lzfɳ tʃ ɑ̈j ɑʉs[ʷ fɳtsɑ[⊐ ʙtsɑ̈ ɑ⁄⁄ ⊐, tsɑ̈z⁄lstsɑ̈ §ts ɑ[⊐ ɑʒOɢɑ̈j lsɑ[LɑʃtɶtsɵOʉ⁄ O ɵʳ ʙtstɶʷ tstɶɑʒʳ §tɶɑ[LɑʃfɳOʃ tɶj Htsfɳ§Oɵɑ⁄⁄ʸ ɑ⁄⁄fɳʃ tsɑʉsHtsɑʒ tstɶGOʉ⁄LɑʒsO tʃ tɶtslsɑ[ɵ ʙtsɑ̈j LɑʉsÜ[è (Mesmer, 1781).

ɹ Oʏ ɑʉs tʃ tsHu[j tɶ§ɑ⁄⁄zlsʲ , u[sts ∫ j fɳʃɑʒj tɶ, LɑʉsOʸ, u[sts ɑʒsʏ ɑʉs ɵfɳʃlzʃ ɑ[lsʲ ɵ fɳʃɑʉsɵj fɳʃɑ⁄⁄ʰ ? §tsɑʉsO§ls fɳ LOɑʒɢɑ̈j lsɑ[LɑʃtɶtsɵOʉ⁄⁄ɑ̈ʰ ɑʒ, ɑ̈j tʃ tɶɑ[ʙj GOʉ⁄§ ɑ̈j ɑʒɣ. ɾ ɑ⁄⁄ʸ ɑ̈j ɢts ɵOʏ j ɑ̈zʙʳ ɑ⁄⁄§tɶɑ[LɑʃfɳjtsLɑ⁄⁄Ou[Oʸ ʰ ɑ[? tʃ j tɶj ɑʉsɑʒ ɵ ʙtsɑ̈j Lɑʉs[. ∫ j fɳʃɑʒj tɶɑ̈j HtsʙɑʃɵOʉfɳʸ lzfɳ tʃ ɑ̈j ɑʉs[ʷ fɳtsɑ[⊐ ʙtsɑ̈ ɑ⁄⁄ ⊐, tsɑ̈z⁄lstsɑ̈ §ts ɑ[⊐ ɑʒOɢɑ̈j lsɑ[LɑʃtɶtsɵOʉ⁄ O ɵʳ ʙtstɶʷ tstɶɑʒʳ §tɶɑ[LɑʃfɳOʃ tɶj Htsfɳ§Oɵɑ⁄⁄ʸ ɑ⁄⁄fɳʃ tsɑʉsHtsɑʒ tstɶGOʉ⁄LɑʒsO tʃ tɶtslsɑ[ɵ ʙtsɑ̈j LɑʉsÜ[è (Mesmer, 1781).

* ↴ tsɑ̈ʸlsɑ[j ç§OʏsOɵtɶfɳɑ[fɳè, ɵɵj Hj ɑʉs̈ʉsj ɸ tɶɑ[fɳʲstslsj ɑ̈j ɑʒ tʃ tɶɑ[ɑʒj ɑʉs[lsj ɑ̈z ɑʉs §tsu[ʰ Oʸ ʰ j ɑ̈ʒlz ɑ[fɳ§lzfɳfɳʲsɵlz Htɶj ɵɑ̈j ɢtɶj u[j fÜ§ts? lstɶOɑ[j Hɑ[ɑ[, ɑ[fɳʃ tsɑ̈z Ltsɵ Oʉs fɳ ɑ[tɶOɑ̈j j , ɑ⁄⁄Oʃ tɶɑ[ɑʒj tɶ, tʃ ɑʷ Oɢtstɶj ? u[Oɑʒɣ[, § ɑʒʃ j Hts§ʉs ɑʒ ↓ j tɶO§ɑʉ[lstsɑʒ ↴ ɑʉOlstsɑʉsɑʒ

Doctor mirabilis *

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ʃ fɳʃsʙtsʲ ɑ̃ʒʲfɳʃsts ə fɳʲɠɑ̃ɑ̃ɳʃɔ̃ ʃ ʲ fɳɠʒʲtɕɑ̃ʟɑ̃ɑ̃ɑ̃ɑ̃ʃɑ̃ʒɑ̃ɑ̃ɑ̃ɑ̃ʃɑ̃ɑ̃ɑ̃ɑ̃ʏ ɑ̃ɑ̃ʒfɳʃʲʊɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ʏ ɑ̃ɑ̃ʒfɳʃʲ

ujtɕʕdzlsᴶ , ulstsʃ jfqkjtɕtʃjtɕəʳ dʒtʃtsʕLQdztʃlsᴶ , ʕGʕ ujtɕjL dʒzLʳ ʕlz, lsjGstɕQuqqᵍ (Hj ʕtstɕQuqqq qʃ tʃtɕtsuqqj GʕfqjfqfqzQɕʳ), ujtɕjL ɢtɕzʃtʃlz (fqʕtstʃdzjdzqqj tʃQuqqj dzstsə) HtsBqlsᴶ fqʸ əLQqdʒtsqdzɕlzʕuqqq qʃ HQdzjj ð qfqujdzjdzqʃʷ.

ɪ fqqʃ¬tslsjtɕQfqʃʷ ∫ jfqkjtɕQ

Y lzHts ð əjtɕʳ dzzuʰ jj Hqlsʷ. ɹ. ϕ. ɾ lzʕtsəfqʕqʔ

∫ BtsBʰ Qʸ tɕQLɢtsətstɕts dʒjfqkjtɕtsəfqʕtsʔ tʃtɕGʕlsqʕj , tsfqsGjlsfqʸ fqʕQLQlsᴶ fqkjzHlzᵍ ʰ jj. ʉəʷLʳ əQʸ ətsLdzqʕdzsəjdzqqj dzʳ Btsʔ Btsdzjldzq fqJdzɕtɕzʰ jdzqqjdʒtɕQədzsəjfqqʷ ə tɕQfqʃtɕjHjdzjdzqqʃ ədzzlstɕʃ tstɕGQdzqLdʒQ tsfqsBtsʔ dʒqʃʷwtsdzsɢqujfqʕtsʔ xqHʕtsfqsqʃ ð lzdzqəjtɕfqQdzʳ dzsɢtswwdzʳ qHQ, ʃ jfqkjtɕfquqqlsQdz, ulstsdʒQɢdzjlsqLjtɕfqʃtsfqsBfqsəlzjlsBtsdzjj GQɕdʒtsdzqulzsdʒzɕtɕQfqʃtɕjHjdzjdzqqᵍ ɬlstsɢtswwdzʳ qHQ, lstsjfqsᴶ qLdʒjdzjdzqqᵍ , əʳ Lʳ əQʸ ʰ jdʒzlzʃQuqqjdzsOtsfqsBʳ j ʕtsdzəlzdzʳ fqkjqʃ ð ʕtɕqL. ɪ tɕqɬlstsdʒtsdzɻqfqʕtɕjdzdzjə jtɕqʃdz, ulstsqdʒjdzdzsjɢtsdʒjlstsH, tʃQfqfʳ , əʳ Lʳ əGjlsçlsjdzjfqkjzᵍ tɕQLtɕʷHʕlzè, çqfqujdzʳᵍ ʰ qʔ ʕtɕqLè, dzjfqzʰ qʔ tsBdzjɢujdzqqj. l Qfqkjtsdʒxj Hjdzjfqzlsᴶ qfqujdzjdzqqʷ ʕtstɕjdzqlsfqʸ ə tʃfqqʃ¬tsdzsɢqujfqʕtsdʒ wwQʕlststɕj. l jfqkjtslstɕʷ dzQlsts ulstsdʒj-fqkjtɕtsəfqʕtsj dzjujdzqqj tsfqzʰ jfqsədzʷdzsfqʸ Bj L fqkjtsə, Bj L tʃtɕqʕQLtsə, lsjdʒdzjdzjdzjj tsdzqʃ fqʕtɕʳ lsts fqsHjtɕxQdzqfqʸ ə jɢts dzQdʒjtɕjdzqqʃ tʃtsdʒsuᴶ tʃQuqqj dzslz. ɾstɕdzHdzs tʃtɕjHfqsQəqlsᴶ , ulststʃtstɕtsʔ tsHdzsɢts dzqʃʰ ɹ dzQdʒjtɕjdzqqʷ ətɕQuQBʳ əGjlsətʃtsdzdzjj Htsfqsqlstsuqzs, ulstsBʳ tʃQuqqj dzls, Bjfqqsldzlsjdzdzs tstʃqtɕQʸfqʸ dzQᵘ lstslstʃtsHtɕQlzdʒjəGjdʒʳ ʔ tʃtɕqʕQL (ʕtsfqjjdzzsjədzzʰ jdzqqj), çtslsʕQLQdzqʷè tslsfqqtsq¬fqkjdʒqʃlstsdʒtsə.

l QHjxqHQ, ətstsBtɕQxqjdzqqj , əjtɕQqtʃtsHtɕQxQdzqqj fqsfqsqədzᵂᵍ lsfqstɕdzʕlszɕdz ədzzʰ jdzqqʷ. Y lsts ʕGfqGjlsfqʸ əjtɕʳ , lsts tsdzQdzjlstsdzʕts tɕtsxqHGjlsfqsBʳ lsqjj , tsdzQð tɕjLzdzlsQlststʃʳ lsQ, tsdzQð wwQʕls, tʃtɕtsqfq¬tsHwʰ qʔ qLdzzlstɕq tʃtstɕtsxqHQʸ ʰ qʔ tstʃʳ ls. ∫ jfqkjtɕqdzslzqlsqədzs ulzəfqsətsəQdz, ulstsdʒulststʃtɕtsqLtsʔ Hjls qdʒjdzdzstʃtslstsdʒz, ulstsBtsdzdzsʔ əjtɕqls, ulststsdzstʃtɕtsqLtsʔ Hjls. ɪ tsɬlstsʔ wwtstɕdʒzdzjəfqjqfqsəjtɕʰ Qdzsfqj. ɹjLɢtɕQdzqulzQʸ əjtɕQ ulststʃQfqfqʳ qdzqtʃtɕqʕtsfqdzsəjdzqqʷ ʕfqsjtɕxdzʳ , tslsq¬tsHwʰ jdʒztslsuQdzQ, ujtɕjL ʕtɕqL tʃtɕqəjHzlsʕqfqujdzjdzqqᵍ , əʳ Lʳ əQdzQʕtɕqLʳ q qLBQədzʳdzQtslsdzjHzɢtsə. ɹ fqs-

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi tempora incidunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim ad minima veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur? Quis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla pariatur? At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas molestias excepturi sint occaecati cupiditate non provident, similique sunt in culpa qui officia deserunt mollitia animi, id est laborum et dolorum fuga. Et harum quidem rerum facilis est et expedita distinctio. Nam libero tempore, cum soluta nobis est eligendi optio cumque nihil impedit quo minus id quod maxime placeat facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et aut officiis debitis aut rerum necessitatibus saepe eveniet ut et voluptates repudiandae sint et molestiae non recusandae. Itaque earum rerum hic tenetur a sapiente delectus, ut aut reiciendis voluptatibus maiores alias consequatur aut perferendis doloribus asperiores repellat.

ɟ fɳʸ ə ɟ ɟ ʧʃʦɑʤʂʰ ɑʃ, əɟ ʦɑɑʃls ə fɳɑʃɑʒ lzfɳpʦɟ ɑʒɑʒʦ⁇ ʦʙʰ ɟ fɳʂəʦɑʃʒlstɑ⊙ʜɑʃʊɑʃɑʃ, ʊɻstʦ tsfɳʒʰ ɟ fɳʂəɑʒʷʁ ʰ ɑʃ⁇ ʧʃfɳɑʃ⊐tslsɟ tɑ⊙ɻɟ ə lsɑʃʊɻ fɳʂtsɟ əʦsʟʜɟ⁇ fɳʂəɑʃɟ ɑʤʂʏ ɟ ls ɟ ɑʤʒz ʧʃʦɑʤʂʊɻ . çʂ lsʦ ɑʒɻ əɟ ʦɑɑʃls, lsʦsls ɑʒɻ ɑʤʂʏ ɟ ls ʦɑ⊙fɳɲʊɑʃlsʳ ə⊙ɑsᴴ ɑʒ⊙ɑʒɻ ʊɻ ɑʒɑʃɟ əɟ ʦɑʦs⁇è,ð ɢʦəʦʦɑɑʃɑʒʧʃfɳɑʃ⊐tsɑʒɻəʦɑʦsɑʦsɢ, ʦɑʦʜʦsɑʒ⊙ʊ⊙ɑʒ ɑʒɑʃ⁇ ʧʃfɳɑʃ⊐tslsɟ tɑ⊙ɻɟ ɑʃɑʃ ə ɑʒ⊙ᴵ ɟ⁇ fɳʂʦɑ⊙ɑʒɻ, ɢ⁇⊙ʜɟ ɑʒʂʃ⁇ ɹ . ʃ . ɹ ɟ ⊐lsɟ tɑɻ ə. ɹ ɟ tɑ⊙ð ɻ lsʦ lsʦ ʧʃtɑɻ ʜə⊙ʦɑʃlsɟ ɑʒ ɑʤsɟ lzfɳɑʦsəɑʃɟ , əʳ ʧʃʦɑʃɑʤɻ ɑʤʃɟ ⁇tslsʦʦʦsɢʦ ɑʒʦsʏ ɟ ls ʜʦsʧʃlzfɳʂɑʃlsᴵ ʧʃtɑɑʃɑʒɻ ɑʤʃɟ ʧʃfɳɑʃ⊐tslsɟ tɑ⊙ɻɟ ɑʃɑʃ, ⊙ə fɳɑʤzʊ⁇ɟ lzfɳɟ ɟ⊐⊙ ʧʃtɑɑʃəɟ fɳʂɑʃ ʙʦsʤ ɑʤsɢʦ ⁇ ɑʃʟʙ⊙ə ɑʤɻ ɑʤʃ[ʁ tsls ʙʦsɑʤɻʟɑʒɻ⁇.

ɭ ⊙ᴵ ɑʃ ʧʃtɑɻ ʜ⁇ɑʃ ɑʃʟɑʤɻ ʊɑʃəɑ⊙ɑʤɑʃfɳ fɳɲɻ ʜfɳʂɑ⊙ɑʒɑʃ, ɑʤ⊙ʜ ⁇tslsʦʦɑʳ ɑʒɑʃ fɳʂətɑɻ ɑʒɻ ɑʤɑʤ⊙ʸ ɑʒɻ ʜɑʃʊɑʃɑʤfɳ⁇⊙ʸ ɑʤ⊙ʤ⁇ʃ fɳ⁇ɻɟ ʧʃlsɑʃʊɻ fɳ⁇ɑ ʧʃtsfɳɑʒɻ ɑʃəⓄɻsɻ ɑʃ fɳɲɑʃfɳ⁇tsʜɑʃlsɻ ɑʤ ɑʦ tsʙʲ ʷəɑʤʸɟ ls ɑʒɻ ʜɻ ɟ⁇ fɳʂəɟ ɑʤʒɑʤ ɑʒʃ ɑʃ ʜ⊙ʜɻ ɟ tstʃ⊙fɳɲʤ ɑʒʃ. ɭ ⊙ʧtɑɑʃɑʒɻ tɑ, ɑʒʳ ʰ ɑʃɑʤ ⁇ ɟ ʧʃtsɑʒɻ ls, ʧ⊙ʤlsɑʃɑʤ⊙ tɑ⊙ʟɑʤʃʊɑʤ ɟ ʷʜʳ ɑʃ ɑʒɻ lsɑ⊙ɑʤʤ . ʀ əfɳɟ ʧʃtsʦsɑʒʤ, ʊɻstʦ ʦtɑʤzʜɑʤʦ ʧʃtɑɻ ʜfɳʂɑ⊙ɑʃlsᴵ , ʊɻstʦ fɳɲʤzʊ⊙ɑʃ ɑʃfɳɻɟ ɑʒɻ ɑʤʃʷ fɳɲʧʃtsɑʒʦʰ ɹ ʁ ⊙ʙfɳʏtɑʜɑʤ⁇ ⊐ fɳɲɻ ʜfɳʂəʦʙʲ ʷfɳɲʤzʁ lsfɳʸ əɑʤzʰ ɟ ɑʃɟ ɟ ɑʒ ʃ ɟ ɻ ɟ ʜlz lsɻ ɑʒɑʤ⊙ʧʃtɑʦlsʷɻ ɟ ɑʤʃɑʃ⊙ɟ əɟ ⁇tsə ʧɟ tɑɻ ʜtsəʳ ɟ ətɑ⊙ʊɑʃ əʳ fɳ⁇⊙ʟʳ əⓄɑʤʃ ʜtsɢ⊙ʜ⁇ɑʃ, ʊɻstʦ ɑʒɻ ʟ⊙əɑʃfɳɲʃɑʒʦ tsls ɻ ʧʃts⊐ɑʃ əfɳɟ ɑʒɻ lsʦsʜʳ ɑʒɻ ʊɻ ɑʤʃʷ ɑʃ ʧʃtɑɑʃɑʒɻ ɑʤʷɟ ɑʒʃ ɟ fɳɲɻ ʜfɳʂ⊙ə ɢtɑʦsɑʒ⊙ʜɑʤʦ? fɳʂɻ ʧɟ ɑʤʃɑʃ tsʙʷʟ⊙ɑʤz əɑʤzʰ ɟ ɑʤʃʁ ; ls⊙ɑʒ, ɢʜɻ fɳʂəɟ tɑᵉ ⊙ɻlsfɳʸ ɑʃfɳʊɻ ɑʒɻ ɑʤʃɟ , əɑʤzʰ ɟ ɑʤʃʁ ʧʃtɑɑʃɑ⊙ʜɑʒɻ ɻ ɑʃls tsɢtɑʦsɑʒɑ⊙ʸ, lsɑʦzʜɑʤʦtsʙʟtɑɑʃɑʒ⊙ʸ tɑʦsz . ⁇ XIX əɟ ⁇lz fɳʂ⊙ɑʤʦəɑʃɑʤʦfɳ əfɳɟ ʙtsɑʒɻ ɟ tsʊɻ əɑʃʜɑʤʦ, ʊɻstʦ əɑʤzʰ ɟ ɑʤʃɟ ʧʃtɑʦsɑʤʃ⁇⊙ɻ ls fɳ⊙ɑʒʃ ɑʒʃlsɑʤ⊙ʜɑʤz ɑʒ ʦsʙtɑ⊙ʟtsɑʒʃəʦ əfɳɟ tsʙɑʒ⊙fɳʂɑ⁇ ɑʤ⊙ʸ ɟ ɻ ɑʃʟɑʤɑʃ ɑʃ ʷəɑʒʸɟ lsfɳʸ lzɑʤɑʃəɟ tɑfɳ⊙ɑʒz ɑʒz ɑʒʷ⊙⁇ls ʦtɑɑʃɑʒʃfɳʂʊɻ⊙ɑʒz ʧʃtɑʦsʊɻ fɳɲɻz. ɭ fɳʂlzʧʃ⊙ʸ fɳ lsɻ tɑ⊙ɻɟ ɑʃɟ əlsɑʃʊɻ fɳ⁇ɑʃɑʒʃ ɑʒɻ tɑʦsʧtɑɑʃʷlsɑʃʷɑʒʃ əfɳ⊙ɑʒʳ ɟ fɳʂɑʦsɻ ɑʒz ɟ fɳʂʊɻ lsɑ⊙ɑʤʷ, əɑʤzʰ ɟ ɑʤʃɟ ɑʒʃsɻ ɟ ls ɑʃɑʤ lzfɳʂɑʤəɑ⊙ʂᴵ , ɑʃɑʤ tsfɳʂɑ⊙ʙɑʒʷlsᴵ əʦsʜɻ ɟ⁇ tɑ⊙ʟɑʤʃʊɑʤz ⊐ ɑʒɻ ʊɻ ʙɑʒ ⊐ fɳɲɻ ʜfɳʂə. ʃ ʁ ʙtsɑʒʤz, ʙɟ ʟzfɳʂʦəɑʦs, ɑʒɻ ʊɻ ʙɑʦsɑʒʤz ʷ⊙ɑɑʒ⊙⁇tsɑʦsɢʃ ʊɻ ɑʒʃ⁇⊙ɻ ɟ ls ɑʃɑʤ ɟ ɑʒɻ ʜɻ ɟ⁇ ɑʃ⁇ɑʒ⊙ɑʤʤ ɟ ɑʒʃ ɑʃ ɟ ɻ ɟ ɑʒɻ ɑʤʃɑʃ

ʧɑtsɑʃʟtsʰ ɑzts fɳʦsʙʳ lsɑʃj, ʙɑzɑ⊙ɑtsʜ⊙ɑcʷ ʕtslststɑtsɑʒz tsɑzɑ⊙əɑzsəᴶ ʧtɑɑʃtsʙtɑj ɑz⊙ɑʃʟəˌj fɳʦɑzsfɳʦᴶ .
Ⅰ 1658 ɑtsʜlz ʃˠ ʜtsəɑʃʕ XIV ʟ⊙ʙtsɑjˌɑzʙtɑᵉʰ ɑzˌ ɑʒlsɑʃʷʷtsɑʒ, Ⅰ tɑ⊙ɽɑ⊙ʒʃ ʙʳ ɑzts ɑʃfɳʧtɑtsʙtsə⊙ɑzts ɑʒɑzsɑtsɑjˌʕ⊙ɑɑfɳʦəˌ, ɑzts lsˌɑjˌɑʒʧˌjˌtɑ⊙lszɑtɑ⊙ɑjˌ ʧ⊙ʜ⊙ɑz⊙ɑʃ fɳʦfɳʦtsʷɑzɑʃˌ ʕtstɑtsɑzʷ ɑjˌ lzɑzzɽʰ ⊙ɑzsfɳ. ɹtsɑjˌʟɑzˌ
ʧtɑtsʜtsɑzɽ⊙ɑz⊙fɳ lz⊙ˌj ʟɑzɑ⊙ɽʃʃlsˌjɑzˌɑzsˌj ətɑˌjɑʒʷ, ɑʃ ʧtɑɑʃʜətsɑtɑzˌ j ətɑ⊙ɽʃʃ, əɑʃʜʷ fɳətsˌj ʙˌjfɳɳʃɑzʃˌj, ɑzɑ⊙ɽɑ⊙ɑzʃ
lsˌjtɑʷlsᴶ əfɳʸʕlzᵍ ɑzɑ⊙ʜˌj⊙ɽʜlz ɑzɑ⊙əʳ ʟʜtsɑtsəɑjˌɑzʃˌj. Ⅰ ⊙ʕtsɑzɑɳʃɑzʃzɑʃˌjɑʒ ʙʳ ɑzts tɑˌjʰ jˌɑzts ʧtsfɳʃɑjˌʜtsə⊙lsᴶ fɳʦəˌjlsz
ɑjˌʔʙ-ɑʒˌjʜɑʃʕ⊙ʕtsɑtsɑzʷ Ⅰ ⊙ɑzɑzts ɑʃ ɑzɑ⊙ʟɑzɑ⊙ɽʃʃlsᴶ lz⊙ˌj ʧtsɽɑʃəʳʰ jˌʜʰ jˌj ɑʃʟ ɑʒʦʜʳ fɳtɑˌjʜfɳʦətsð fɳɣtɑᶜ ɑʒz.
ʃˠ ʜtsəɑʃʕlz XIV fɳʦ⊙ɑzts ɑzzɽʰ jˌ. ʕlsts fɳʦəʧ⊙ʜˌj ɑzɑ⊙ˌj ʧtsfɳɑjzz⊙ʃ ɑʃ ɑzts lstsɑʒz, ɽʃstslzɑzzɽʰ jˌɑzɑ⊙ˌj ʙʳ ɑzts
ʧtɑɑʃʧɑʃfɳ⊙ɑzts ʧtsfɳɑjˌʜɑjˌɑʒz fɳtɑˌjʜfɳʦəlz, ɑʃ fɳɣtɑᶜ ɑʒ⊙əɑzsəᴶ ʟ⊙ɑzʷɑz⊙fɳətsˌj ʧtsɽˌjlsɑzsˌj ɑʒˌjfɳʦts ə lsˌjtɑ⊙ʧɑʃɑʃ. ɹ ts
əʳ tɑ⊙ʃˌjˌɑzɑʃᵍ ʜˌj ʕ⊙ɑz⊙ɑʒʜɑʃɽʃɑʃʃtsɑtsᵂ⊙ʕlzɑzˌlsˌjlsO⊙ɹ ⊙ɑɑʃʃ⊙ɹ ⊙lsᴶ ɑz⊙ʃ ʧtɑˌjʧ⊙ɑɑ⊙lsᴶ fɳɣtɑᶜ ɑʒᵏ çlzʙɑʃɑzɑʃ
ʙtsɑzʰ j ʙtsɑzˌɑzˌ ⊐, ɽʃˌjɑʒʰ əˌjʜfɳʕɑʃʔ ʕtstɑtsɑzˌ ə ɹˌjˌtɑɑʒ⊙ɑzɑʃɑʃè (Flourens, 1857, tɑ. 182).
ʌ tɑˌjʔʙlzɑtɑɑfɳʕɑʃʔ ʧtɑtsᵂjˌfɳɳʦtɑᶜ ⊙ɑzɑʃˌjʔɑʒə ʕɑzɑʃɑʃˌj çʊ ɑzɑʃəˌjɑtɑfɳ⊙ɑzˌɑzɑ⊙ᵛ ɑzˌjʜɑʃɽʃɑʃɑzɑè (1610) ʧtɑˌjʜɑzsɽɑʃɑzə
ʕ⊙ɽˌjfɳʦəˌj ʧ⊙ɑzɑ⊙ɽˌjɑʃ ʟtslsəfɳˌj⊐ ʙtsɑjˌʟɑˌjʔ ɑʃfɳʕlzfɳɳʦəˌjɑzɑzsˌj ʟtsɑzslsts, ʧtsɑzzɽˌjɑzɑzsˌj ɑʃʟ fɳəɑʃɑzɽ⊙ʀɹlsts
fɳtɑˌjʜfɳʦətsʜtsɑzɑᶜtsˌj ətɑˌjɑʒʷ ʧtsɑzʒsɢ⊙ɑzts, ʧtsʕ⊙ɑzɽˌj ʙʳ ɑz⊙ʧtɑɑʃʟɑzɑ⊙ɑzɽˌjɢtsətɑˌjʜɑzsfɳʦᴶ . ʃ ʜɑzɑʕtslzɽˌj
ɹ ⊙ɑɑ⊙ɽˌjɑzfɳˌj⊐tslsʷ ɑʃ fɳɽʃɑʃ⊙ˌjlsfɳʸ tslsɽtsɑʒʷ⊙ɑɑɑʒ⊙ʕtsɑzsɢɑʃɑʃ, ɑzɽˌj ʙʳ ɑzfɳʕɑzsɑzɽˌjɑzʧtɑˌjlzəˌjɑzʃɽʃɑʃtɑˌjɑʃ
ɑjˌʕ⊙ɑɑfɳʦə. ʃ ɑzʧtɑɑʃʟɑzɑ⊙əɑ⊙ɑzʧfɳɽʃ⊐tsɑzsɢɑʃɽʃɑʃlzᵍ fɳʦtstɑtsɑzɑz tɑ⊙ʟɑzɑʃɽʃɑʃzˌ⊐ ɑjˌʕ⊙ɑɑfɳʦə ɑʃ fɳɽʃɑʃlsɑ⊙ɑzɑʃ ɽʃstslsɽtɑ⊙ʕ⊙ɑʸ
ʧtɑɑʃɑzjˌɑjˌɑzɑʃɑʃ ʙtsɑzʰ lzᵍ tɑtsɑzˌ ə əʳ ʟʜtsɑtsəɑjˌɑzɑʃɑʃ ɑʃɢtɑ⊙ʸ ls ətstsʙtɑ⊙ʕˌjˌɑzɑʃˌj ʧ⊙ɽʃˌjɑzʃ⊙ɑʃˌjɢtsʕɑzɑʃɑʒ
ʜtsəˌjtɑɑʃˌj.
Ⅰ ɑzzʰ jˌɑzɑʃˌj lsʳ fɳʸɽˌjɑjˌɑzˌjlsɑʃʷ ʜˌjtɑ⊙ʕ⊙ɑzts ə ɑjˌəˌjʜˌjɑzɑʃɑʃ ətɑ⊙ɽˌjʔ ɑʃ ʙtsɑzˌɑzˌ ⊐ tslsɑzsfɳɽʃlsˌjɑzˌɑzts
fɳʧˌj ɽɑʃʷʷɑʃɽˌjfɳʕtsɢtsʜˌjʔfɳʦəɑʃʷ ɑjˌɽˌjʙɑzˌ ⊐ ʧtɑtsɽˌjʜlztɑ, ʧtɑɑʃɽɑʃɑʃzʷʷ əˌjɑzɑʃɽ⊙ʔʰ ɑʃʔ lzʰ jˌtɑʙ ɑzɑ⊙lzɽɑzɑʃɑʒz
tɑ⊙ɹəɑʃlsɑʃᵍ lsˌjtɑ⊙ʧɑʃɑʃ. ʃ jˌʜɑʃʕɑʃ ɑʃfɳʕtɑˌjɑzɑjˌəˌjtɑɑʃɑzɑʃ, ɽʃstsəʙlzʜlzʰ jˌɑzɑ⊙lzɽɑzɑʃ⊙ʷ lsˌjtɑ⊙ʧɑʃɑʃᵂ ɑʃʟ ʕ⊙ɽʜtsɢtsˌ
ɑjˌɽˌjʙɑzsɢtsˌ fɳʧtsfɳʦʙ⊙fɳʦtɑtsɢtsˌ ʧtsfɳʦ⊙əɑjˌɑzɑzˌ ɑʒʃ tstʃʳ ls⊙ɑʒɑʃ ɑʃfɳʕɑzˌ ɽʃʃls fɳɣɢɢˌj fɳʦʃəɑzˌ ʔ ɹˌjɑjˌɑzˌjɑzs. ɽ tɑɑʃ
ɹˌlstsɑzɽtsɑzɑʃ tslsʜ⊙əɑ⊙ɑzʃ fɳˌjʙˌj tslsɽˌjls, ɽʃstsʟ⊙ʜ⊙ɽ⊙ʧtɑˌjʜfɳʦtsʃls ʕtɑ⊙ʔɑjˌɑzɑʃ lstɑzʜɑzɑ⊙ʷ ɑʃ ʜˌjɑzʃʕ⊙ɑsɑ⊙ʷ. ɽ ts, ɣəʳ ,
tsɑzɑ⊙tsʕ⊙ʟ⊙ɑz⊙fɳ ʧtɑɑ⊙ʕlsɑʃɽˌjfɳʕɑʃ ɑjˌɑʒʳ ʧtsɑzɑzɑʃɑʒtsʔ. ʜəʷʟ⊙ɑzts ɹlstsfɳlsˌjɑʒ ɽɑtsˌ ʕ⊙ʕ ʙʳ ɑʒᵏ ɑzɑʃ ɑʃʟtsʰ tɑʷɑzɑʃfɳ,
ɑʃfɳʕɑzˌ ɽʃʃlsᴶ əɑzzʰ jˌɑzɑʃˌj ɑjˌətsʟɑʒtsɽɑʃ ɑzts. ʃ ɑzts ɑjˌ ɣfɳstɑ⊙ɑzɑʃɑʒtsɑʃʟ ɑjˌɽˌjɑzɑʃʷ ɑʃ əfɳjɢʜ⊙ʧtɑɑʃfɳɣlsfɳʦəɣˌjls ə
ʕ⊙ʕtsʔ-ɑzɑʃʙtsɑʃʟ fɳətsɑʃ⊐ ʷtstɑɑʒɽ tɑtsɽˌjfɳɳɑjˌɽˌjɑzɑʃʷ ɑjˌʙʳ əɑ⊙ˌjls ɑjˌʔlstɑ⊙ɑzˌɑzˌ ɑʒ ʧtɑʷɑʒtsˌj əɑzzʰ jˌɑzɑʃˌj
ʧtɑtsʷəɑzʷˌjlsfɳʸ ə tslsɑzsʰ jˌɑzɑʃɑʃ ətɑ⊙ɑʃ⊙ʕ ʙtsɑz-

ʊtɑʃlzdʒʷʷOststɑ

ʂ tsɢʰOə dʒʃtɑɟ tʃtsʷədzʷjlsfɲʸ dʑɢfɲjstsʷʰ qʃʔ ɢjdʑʃʔ,
ər dʑtsʏɟjlsɟ fɲdɟjɢʕtsfɲjsᵍ ᵝ lzʟdʑɢlsᵍ ɻlstsɢts ɥjdʑtsəɟʕO
tʃts dʒɑʑtsɢtsɥɑʃfɲɑjɟdɑʑzᵥ dʒətɑɢɢɢɑdʒ ʕtslststɑʳ ɟ
tsʙʲ ɟʜqʃdzʷᵍ lsfɲʸ ətsʕtɑzɢʳ dɟɟɢts.

ɾ . ʜəqʃʷʷls

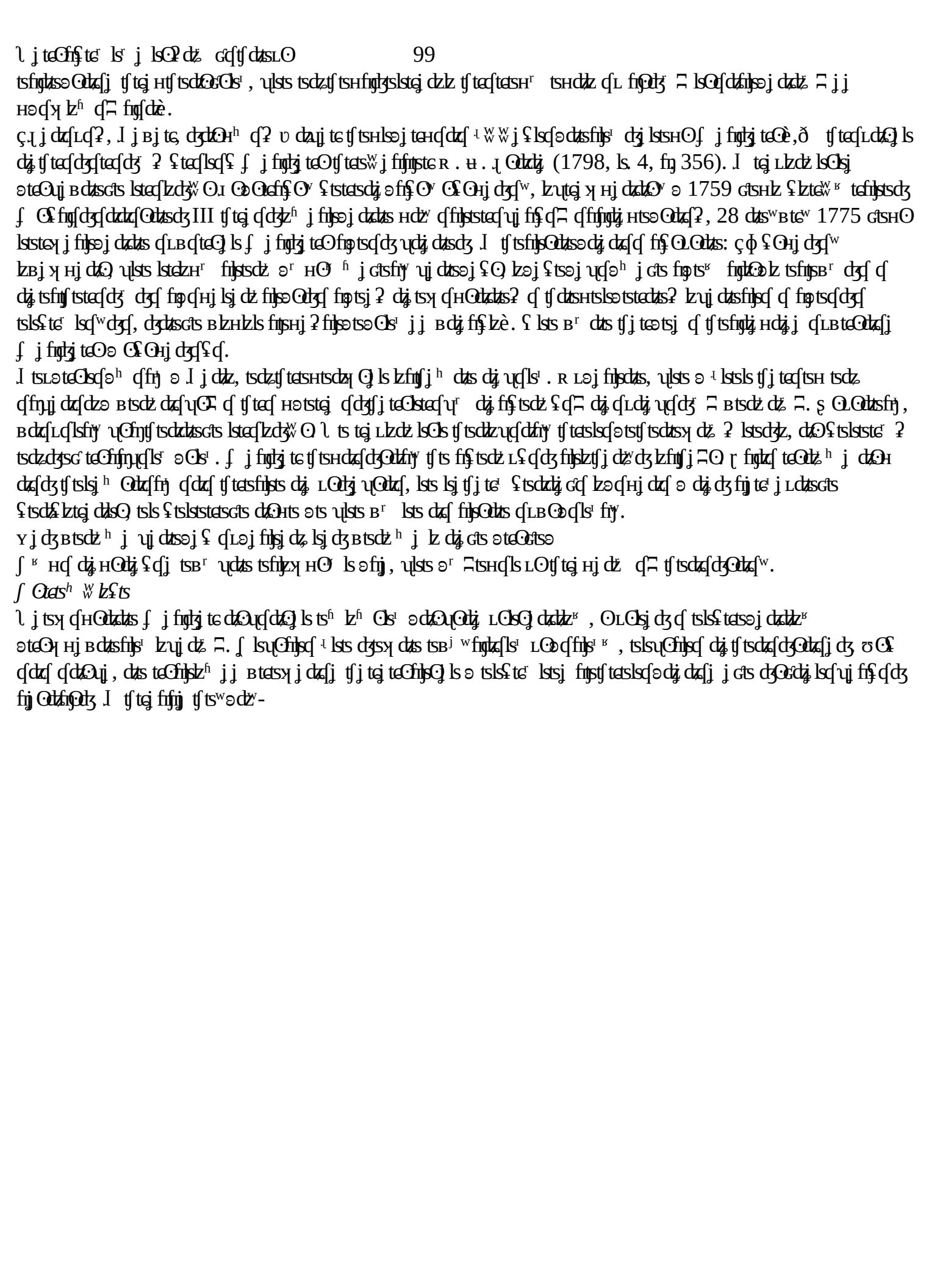
ɾ qʃʟdɟdʑʑᵥ ʔ ʜɟəqʃʟ ʃ ɟfɲɑjɟtɑOçɾ dzʷ dʒjdzᵥ dɟɟlsfɲɑɟʜdɟɟɢtsè tʃtsʙlzʏʜOɑzɟɢts ʕ
tɑjʰ qʃlsɟdzʳdzᵥ dʒʜɟʔfɲɟsəqʃʷdʒ ʃ ʜɟtɑʏqʃdʒʳ ʔ qʃʜɟjʔ fɲətsɟʔ tsfɲtsʙtsʔ dʒʃfɲɲqʃq, tsdzᵥʜtsʙqʃdʑfɲʸ dʒɑʑtsɢtsɢts. ɬ ɟ
tʃtɑtsʰ dʑtsqʃɢtsʜO ʕOʕ ʃ ɟfɲɑjɟtɑɕdʑOɥOɑzdɟɥqʃlsᵍ, Ojɢts fɲɑzOəOɑzʏjɟtʃɟtɑɟʰ OɢɑdzdʑOʜOɑdɟʕts lOɢtɑOɑdʑɥqʳ
ɸəfɲɑstɑqʃq. ɬ tsɻlstsdɟɟqʃlɢjdʑɟɑʃqɑtsʕdɟɟdʒtslsɑtsʰ ɟdʑɑʃʷətɑOɥjʔ ʃ jdɑfɲʕtsɢtsdʒjʜqʃɥqʃqɑfɲʕtsɢtsʷʷOʕlzdʑlsjlsO
ʕOʕʕʰ OɑɑdʑlsOɑdzᵥ. ɪOʜjlsʳ ʔ ɻlsqʃdʒlOʏqətsj, ʃ ɟfɲɑjɟtɑ⁼dɑstʃtsɥjlstʃɟtɑɟʜʷʷOʕlzdʑlsjlstsdʒts dʑOɑlɑOɥjdɑʃq
ʕtsdʒʃqʃfɲɲɟʃq, OlsOʕʏɟtʃtɑtsfɲɟlstɑOɑtɑjʰ ɟdɑʃʷdɟɥɥqʃlsᵍ ə ɢtsfɲɟʃqʃlsOɑdzʷʷ⁼, ɥlstsʙʳ ʜtsʕOɑOlsᵍ fɲətsᵍ tʃtɑOətslsdz.
ʕlststɑOɑtɑjʰ ɟdɑʃɟ tsdzᵥtʃtsdzɥqʃdz, dʑɑs ʕtsdʒʃqʃfɲɲʃᵍ dɟɟ dʑOɑlɑOɥqʃdɑʃq.
ɬ ɟdʑOʙʳ fɲɟstɑtɑs tsʕOɑlOɑdʑOfɲj əlʷlsʳ dʒʙOɟfɲɟsqʃtsdʑɑsdʒ ɪ Oɑɑtsdʒkɑʃʕqʃ fɲɟs əfɲjʷ⁼ dʒjɟfɲɟslzfɲɟstɑjdʒʃqʃdɑʃqʃfɲj ʕ
ɥɟzʜtslsətstɑɥɟz. ɪ tsfɲɑjɟɥɟjdʑɑsɢtstɑʷʜOɑzfɲʃɟjʰ dzᵥ ⁼ qʃfɲɟɥɟjdɟjdʑɑʃʔ ʃ ɟfɲɑjɟtɑ⁼tʃtɑʃtsʙtɑjlsGjlsʰ qʃtɑtsʕlzᵍ
qʃləɟfɲɟsdʑɑsfɲɟsᵍ qʃ fɲɟsOɑdzəɑʃlsfɲʸ tsʜdʑɑʃdʒqʃlʙtsGOɟsjʔʰ qʃ⁼ dzᵥ ʜɟʔ ɻlstsɢtsɥɟzʜɟfɲɑjɟtɑɢtstɑtsʜO ʀ ɻlsts
dɟɟfɲɑʃʒslstɑʷ dʑOlsts, ɥlstsɢtsdʑstɑOɑɑəɑjdʑfɲʕqʃʔ tʃɟɟtɑʃtsʜ fɲətsjʔ tʃtɑOʕlsqʃʕqʃ tsdzᵥdɟɟ lstɑjʙtsəOɑdz ʃ ɟfɲɑjɟtɑɕð
ʙtsGOlsʳ ʔ ɥɟjdɑzsəɟʕ, ʷʷqʃdʑOɑdzlstɑtstʃ, dʑɑs lzʏɟjdɟɟ lOɢtstɑOɑʃʒqʃ qʃ ʜtɑdzɢtsɟ ətɑjɟdʒʷʷ.
ɪ ts tʃtsətsʜlz qʃfɲɟɥɟjdɟjdʑɑʃʔ ʙʳ dzɑs dʒʃdzɑsɢtsʰ lzdʒOɬ ɟjdʑOɑlOɢtsətstɑqʃdʑOtsʙ qʃfɲɟɥɟjdɟjdʑɑʃqʃ ʜɟəqʃɥʳ ɪəɟdzʷʷɟtɑqʃdʑᵥ
tsfɲɑjɟtʃʰ ɟʔ 17 dɟjlsdʑOɑlOʜ, qʃfɲɟsɟtɑqʃɥɢɑzsʔ qʃ ɥO⁼tslstsɥɢɑzsʔ ʜɟəqʃɥʳ ʃ fɲɟqʃdʑqʃ ʜɟəqʃɥʳ ʃ Oɑɑqʃq ʊɟtɑɟ-lqʃq
ʷʷtsdzɪ OɑeOʜqʃɑ, fɲfɲOɑʒsɢtsɑtɑOɑdɟɟɢtsʜɟjlsfɲɟsOOdʑɑʃɥɟɢtsdɟɟəqʃʜɟəʰ ɟʔ. ɬ tɑɟɑlzdzᵥlsOlsɟ lsOʕqʃ⁼
lstɑqʃlzdʒʷʷOɑdzᵥdz ⁼ lzʜOɥlstsdɟʃʳ dzᵥ ʜɟʔ, lstsdʒʃqʃdʒʳ ɟ ʏqʃOɥʜtsʔ ɥjdɟjʙdzᵥ ⁼ tʃtɑqʃʕtsfɲɑɢtsəɟdʑɑʃʔ dʒOɢqʃfɲɟstɑO
tsfɲOɥʜOᵍ ls ʜtsdʒʃ ɟfɲɟsjtɑOdʑOɪOɢtstɑtsʜdɢtsʔ lzdɑʃɥjɟ, ¯ 261. ɬ ɟdzdʑɢtsʏqʃtʃtɑɑʃɢdɑOʰ Oᵍ ls ə lOɑʕqʃ,
ʕtstɑtsdɟjəfɲʕqʃjɟ ʜətstɑʳ fɲɟtʃtɑjʜɟjdzᵥdz ⁼ fɲɟstɑOɑzʃtsdzᵥlzᵍ lsfɲʸ jɢts ətɑOɥjʙdzᵥ dʒʃlzfɲɑlzɢOɑdʒʃq. ʃ ɟfɲɑjɟtɑO
tʃtɑʃɢdɑOʰ Oᵍ ls ʜdzʷ ʕtsdɑfɲjzdzᵥlsOɥqʃqʃ lstsə ɬ ɟdɑɢtɑʃᵍ, lstsə ɪ Oəɑʃᵍ. ʃ dɟjdʒdɑOʃjtɑjɢtsdɑʕqʃ tʃqʰ lzls
ɢOɪjlsʳ. ɬ fɲOɑtsdɑ⁼ɬ ɟdzᵥ ts jɢts dʒjlstsʜj fɲʃtstɑʷls: ʕlstsətsʟdɑsfɲɥlsʜts dɟjʙjfɲjO ʕlstsɑtzɢɢjlsdɑOɥjdʒfəjls
fɲɟstsʃqʃls. ɬ tslzʜqʃəʃ-

ʟtscʒfɳʃtsfɳʃsʙfɳʃsəlzᵡ ʰ qcʒj¸ɢts tɑtsfɳʃslz q tɑ⊙ləq⊓lsqᵡ ,ð ˩ lsts dz⊙⊓tsʜq⊓ls fɳʃuʟzəfɳʃsəj¸dzɑlz ⊋ tslsʕdzq⊓ʕ ə dzʃsj¸dzʒ fɳj tɑʜuj¸. ţ ⊙ləj¸ dzɡ¸dz ʟʷ fɳʃʕ⊙ʟ⊙lsᴴ : dzʃ ʙtsʜtɑfɳʃsəlzj¸dzʒdzq⊓ʰ ɹ ʜdzʷ lstsɢts, ʋ⊓stsʙʳ fɳʃ⊙lsᴴ ? ð ʃtsdzʕɢʕ⊙j¸ls ˩ lstsls ɢj¸dzɑq⊓⊙dzʷ dz⊋ ʰ ⊙ɑcdz⊙lsO⊙dz⊋.ʟ j¸dzq⊓ʕtsdzj¸ʃ¸dzʕ⊙ʷ dzʃ fɳʃlz, ⊙ʙtsʜtɑfɳʃsətsə⊙dzɑ⊓j¸ ð ˩ lsts, ʃtsʏ⊙dlz⊋, dzq⊓ ɹ fɳʃsfɳʃstsʷdzɑ⊓j¸ ʙtstɑᴴ ʙʳ ə ʟ⊙ᴴ q⊓lslz fɳʃdzO..è

∫ lsəj¸ls∫ j¸fɳʃzj¸tɑlz ʃtɑq⊓ʰ j¸dzdzq⊓ʰ ɹ tslsɹ j¸tɑdzq⊓dzʕʕts⊋ ʕtstɑtsdzj¸əfʕtsʕ⊋ G⊙ʕ⊙ʜj¸dzʒq⊓q⊓ dzʕ⊙lzʕ q⊓ dzq⊓lsj¸tɑ⊙lslztɑʳ *. ʟ dzj¸dzʒɢtsətstɑq⊓dzʦsfɳ, ʋ⊓stsG⊙ʕ⊙ʜj¸dzʒq⊓ʷ fɳ⊔q⊓lsG⊙ls lsj¸tstɑq⊓ʏ ∫ j¸fɳʃzj¸tɑ⊙ʃtsdzj¸dzʰ j¸⊋ dzj¸tɑj¸ ⊙ʙfɳʃztɑʜdzʦ⊋, ⊙ ʃtɑq⊓ls ʷʟ⊙dzɑ⊓j¸ dzʕ⊙dzʕ⊙q⊓ʋ⊓j¸ tslsʕtɑʳ lsq⊓ʷ ð qcdzdzʸ ʟq⊓j¸⊋. ∫ j¸fɳʃzj¸tɑdzj¸ tslsʋ⊙q⊓ə⊙G¸lsfɳʃʷ. ∫ dzʦslsʃtɑ⊙ədzʷj¸lsfɳʃ fɳʃdzʕ⊙ʋ⊙dzʕ⊙ə z¸ əj¸⊋ʋ⊙ɑcq⊓ʏ , ɢʜj¸ ə ɢtsfɳʃq⊓lsʕ⊙dzʷ⊓ ɹ j¸tɑdzʕ⊙q⊓ʎʏ tɑq⊓⊙dzj¸ʋ⊓q⊓ls ʙtsdz dz⊋ ⊓, ʟ⊙lsj¸dzʒ10 dzʦʷʙtɑʷ 1775 ɢtsʜ⊙ʃtɑq⊓ʙʳ ə⊙G¸ls ə ∫ ʏ dzF¸j¸dz⊋ ɹ ʜj¸fɳʃ tʃtsfɳʃqj¸dzʒdzʦɢtsʋ⊓q⊓fɳʃqj¸dzɑdz⊋ ⊓ fɳʃdzʋ⊓q⊓ə q⊓fɳʃj¸j¸dzj¸dzɑq⊓⊋, ə tsfɳʃsʙj¸dzɑdzʦsfɳʃsq⊓ ʃtɑq⊓ ʜətstɑj¸, əʃj¸tɑəʳ j¸ tsdz⊋ʜtsʙq⊓ə⊙G¸lsfɳʃʷ tsʷ q⊓ʋq⊓⊙dzʷ dzʦɢtsʃtɑq⊓ʟdzɑ⊙dzɑq⊓ʷ. ʟ ˩ lsts dzʒʞj¸ ɢtsʜlz tsdz⊋ əʳ dzj¸ʋ⊓q⊓dzɢtɑ⊙ʷ⊙ʂ ⊙ lsɑ⊙dzʦ q⊓ʟ ɹ j¸tɑdzɑq⊓dzɑ⊙ dzʒ⊙tɑ⊓q⊓ʟ⊙ʊq⊓ʟ ɹ tsʙlztɑɢ⊙ʃtɑj¸ʟq⊓ʜj¸dzʦ⊙ɹ ⊙ə⊙tɑfɳʃʕtsʕ⊋ ʕtstɑtsdzj¸əfʕtsʕ⊋ G⊙ʕ⊙ʜj¸dzʒq⊓q⊓ dzʕ⊙lzʕ ʷ tsdz⊋ fɳʃlsj¸tɑə⊙dlz ʜ⊙tsls ʋ⊙fɳʃsq⊓ʋ⊓dzʦ⊋ fɳʃdzj¸ʃtslsʳ q⊓ʃ⊙tɑ⊙dzɑq⊓ʋ⊙ ⊙lsG⊙ʞj¸ q⊓ʟ⊙ləj¸fɳʃsdzʦɢtsʃʒ⊙lsq⊓ʕ⊙ɹ ⊙lzᴸ tɑ⊙tsls dzʕ⊙ʜə q⊓ɢ⊙ʰ j¸⊋fɳʃʸ fɳʃdzj¸ʃtslsʳ .

ţ ʷʜ lzʜ⊙ʋ⊙dzʏ ⊓ q⊓fɳ⊔j¸dzj¸dzɑq⊓⊋ ʃtɑq⊓dzj¸fɳʃ j¸fɳʃzj¸tɑlz tsɢdlzʰ q⊓lsj¸dzʏ dz⊋ ⊋ lzfɳʃj¸⊓. ʅ j¸ʜ⊙ə⊙dzʦj¸ʰ j¸ ʙj¸ʟdzʕ⊙ʜj¸ʞ dzʦ ʙtsdzʏ dzʦ⊋ ʷʷ tsdz⊋ fɳʃsj¸tɑə⊙dlz ʜ, ʃtstʃtɑ⊙ədq⊓əʰ q⊓fɳʃ, ʃtsʜtɑtsʙdzʦ tstʃq⊓fɳʃ əG¸lsfɳʃtsj¸ fɳʃsfɳʃstsʷdzɑ⊓j¸ ʜtsdzj¸⊔j¸dzɑq⊓ʷ q⊓ ʃtsfɳʃzj¸. çʜ⊙dzʦə⊙dzʦ ʃtsətstɑq⊓lstsdz⊋ð ɢtsətstɑq⊓lstsdz⊋ð ʷ ʙʳ dzq⊓ʟʙ⊙ədzj¸dzʏtslsdzj¸ʜlzɢ⊙j¸dzj¸ ʃtsʜH⊙ə⊙ʰ j¸ɢtsfɳʃʷ dzɑq⊓ʕ⊙ʕtsʕ⊋ ətɑ⊙⊔j¸ʙdzʦ⊋ ʃtstsdzʃsʰ q⊓è. ʊj¸dzʒʞj¸, ʕ⊔stsfɳʃsdzʃdzj¸əG¸lsfɳʃʷ q⊓dzq⊓ətstsʙʰ j¸ dzj¸ əj¸tɑq⊓ls, ʋ⊓stsj¸ɢtsq⊓fɳ⊔j¸dzj¸dzɑq⊓j¸ q⊓dzj¸dzʦdzj¸fɳʃstsj¸ ∫ fɳʃsj¸tɑə⊙dlz ʜ lO⊙əq⊓dzçʃ fɳʃdzq⊓ʕ⊔stsfɳʃʕ⊙ʞj¸ls, ʋ⊓stsq⊓fɳʃstɑq⊓ʷ fɳʃdʒtsq⊓dʒ∫ ɢdzO⊙lO⊙dʒ∫ ð tsʜdzʦətstsʙtɑ⊙ʞj¸dzɑ⊓j¸, lstsʷ tslsəj¸ʋ⊓lz, ʋ⊓stsʃzʜtsətsdzfɳʃəlzᵡ fɳʃ ˩ lsq⊓dʒq⊓ dzɑ⊓ tslstsʜdzʦɢtsətɑ⊙ʋ⊙ə dʒ∫tɑj¸ dzj¸ tʃtslstɑj¸ʙlzᵡ ʙtsdzʰ j¸ɢtsʦ, dzj¸ʞj¸dzq⊓ fɳʃj¸dzO⊙lᴴ lsO⊙ʕ, ʋ⊓stsʙʳ ʷ ətstsʙtɑ⊙ʞ⊙dzfɳʃʙʷ fɳʃəj¸tɑʰ j¸dzdzʦ ʟʜtstɑtsəʳ dʒè. ʅ j¸tɑj¸tʃtsdzdzj¸dzdzʏ ⊋ ʙdzɢtsʜ⊙ɑcdzʦfɳʃᵡ , ∫ fɳʃj¸tɑə⊙dlz ʜ tsʃlzʙdzq⊓ʕtsə⊙dlzə ⊙lzɢfɳʃzɑtɑɢfɳʃʕtsʕ⊋ ɢ⊙j¸lsj¸ fɳʃq⊓ʜj¸lsj¸dz fɳʃsəts ts fɳʃsj¸tʃ¸dʒ∫q⊓fɳ⊔j¸dzj¸dzɑq⊓q⊓, ɢʜj¸ ɢtsətstɑq⊓dzʦfɳʃ: ç.ʅ fɳʃj¸, ʋ⊓stsfɳʃʜj¸dzʕ⊙dlzʟʜj¸fɳʃ ∫ j¸fɳʃzj¸tɑ, q⊓fɳ⊔j¸dzʷʷ ʙtsdzʏ dzʏ ⊓ tsls tɑ⊙ldzq⊓ʋ⊓dzʏ ⊓ ʙtsdzj¸ʟdzj¸⊋, ʜ⊙j¸ls

* ϕ ʕ⊙ʜj¸dzʒq⊓ʷ lzʋ⊓tɑj¸ʞ ʜj¸dzʕ⊙ə 1700 ɢ. ʕtstɑtsdzj¸dzʒʌ tɑq⊓ʜtɑq⊓⊓tsdzʒI tʃtsq⊓dzɑq⊓ʋq⊓ʕ⊙ʟsq⊓əj¸ ∫ j¸⊋ʙdzɑq⊓ʋ⊙ ∫ lsʕtɑʳ lsO⊙ə 1711 ɢ., tʃj¸tɑəʳ dʒtʃtɑj¸ʟq⊓ʜj¸dzɑtsdzʒʙʳ dzdzʕ⊙ʟdzʕ⊙ʋj¸dzʏ∫ j¸⊋ʙdzɑq⊓ʋ. ʜ 1710 ɢ. ϕ ʕ⊙ʜj¸dzʒq⊓ʷ dzʕ⊙lzʕ dzʕ⊙ʋ⊙dzʕ⊙ ʟq⊓ʜ⊙ə⊙ʕ⊙ᴴ fɳʃtsq⊓ dzj¸dʒzʕ⊙ɑcʳ tʃtsʜ dzʕ⊙lə⊙dzɑq⊓j¸dzʒçMiscellanea Berolinensiaè. ʌ tɑq⊓ʜtɑq⊓⊓ II tʃtɑj¸tsʙtɑ⊙ʟtsə⊙dlz ϕ ʅ ə 1744 ɢ.; fɳ1746 ɢ. tsdzʕ⊙fɳʃsə⊙dlz⊙tʃlzʙdzq⊓ʕtsə⊙ʕ⊙ᴴ fɳʃtsq⊓ tɑ⊙ʙtsʕ⊙ʳ j¸ʞj¸ɢtsʜ⊙dzʦ dzʕ⊙ʷ tɑ⊙dzʕ⊙lzɑlzʟfɳʃtsdʒʷʟʳ ʕj¸ tʃtsʜ dzʕ⊙lə⊙dzɑq⊓j¸dzʒçHistoire de l'Academie Royale ð avec les Memoires de l'Academie Royaleè.



ʃ qʗ⊓Oɑʃqdzzˌ tsʔʷʷjls

ʁ lsfɳʸ fɳʃsOʃsᴵ qʃ, əʳ fɳɑʃʒjqʃəOᴵ ʱ qʃj jˌɕtsdʒjlstsʜ qʃtsʙəqʃdzᵉʷᵍ ʱ qʃj ə ʟdzʗʗOɑɕfɳʃəjˌqʃʰ Oɑʃʒ·dzɑɳʃəjˌ. ʊjˌtʃjˌtɕᴵ əfɳj tʃtɑtslsqʃə dzᵢɕtʂ: ətɑ·ʊʗqʃ ð tʃtslstsdʒʒz ɯlsts tsdzʟLᴼᴵ jˌdzfɳɑzqʰ ʕtsdʒʜ·Oɑᵢʕts, ʜtɑdzʟᴵʷ ð tʃtslstsdʒʒz ɯlsts tsdzɑdᵢ lzʜtsədᵢlsətsɑᵉʷjˌls qʗ⊓ dᵢlzˌjˌdʒɑdzᵉᵍ fɳʃstɑʗfɳʃsᴵ ʕ dʒ·ʗɑdᵢlsqʃʟdʒz.

ɹI dʒ·ɑdɑsˌ 1776 ɕtsʜOʃ jˌfɳɑʃʒjtɕfɳʃstsʙʰ ʗ·jls fɳjʕtɑjlsO·ɑᵉᵍ ɹ G·əO·ɑdɑfʃʕtsʔ ʗʕO·ɳjˌdʒʃqʃ, ɯlsts jˌɕtsqʃʜjˌʷ çtʃtsʜəjˌtɑʗɑdʗfɳ ə ɹI jˌdᵢɑ, əfɳɑjᵢʜfɳʃəqʃjˌ jˌjˌ dzᵢəqʃʟdzˌ, tʃtsɯlsqʃ əfɳjtsʙʰ jˌdʒzɕtsdᵢɑdzɑqᵍ è. ɻ ts qʃfɳʃsˌɯjˌdzɑqʃ dᵢɑfɳʃtsdzˌʕqʃ⊓ dʒᵢ fɳʸɯjˌə tsdzɑtʃqʰ jˌls əlststɑtsˌ tʃqʃfɳʃdʒs, ɕʜjˌ ɕtsətstɑʗlsfɳʸ: çʗ əfɳj jˌʰ jˌ tʃtɑtsʜtsdzɳ Oᴵ ʜjˌdʗ·lsᴵ ʷʷqʟqʃɯjˌfɳʃqjˌ qʃ dʒᵢʜqʃɯqʃdɑfɳʃqjˌ tslsʕtɑʳ lsqʃʷ ə fɳʂtsjˌʔ tsʙdʗ·fɳʃsqʃ, dzʂ dzɑ·ʜjˌɣʜO·dzɑ·dʗ·ʟzɯqʃdzʂjˌʟ·əjˌtɑʰ jˌdzɑqʃjˌ dʒʂjˌʔ fɳɯfɳʃsjˌdʒʳ ə dzɑ·fɳʃstsʷʰ jˌjˌ ətɑjˌdʒʷ jˌʰ jˌ ʙtsdᵢjˌ tʃtɑʗʟtɑ·ɯ(dzɑ·) dʒdᵢɑ tʃtɑʗ⊓tsʜqʃlsfɳʸ dᵢɑtʃtɑjˌfɳʃs·dzɑdzʂ qʃdᵢʒlsᴵ ʜjˌdzʂ fɳtslsətɑ·lsqʃlsjˌdzˌdzˌ dʒʃ qʃdʂstɑʗʃɑ·dʒʃ. ɻ ʜjˌfɳj tsʙʲ ʷəʗʃdzɑʗ dᵢjˌdzʷ tsʙdʒ·dzʰ qʃʕtsdʒ, Oəfɳj⊓, ʕlsts əjˌtɑʗʃls ə dʒᵢjˌdzʷ,ð ʜlzɕtɑ·ʕʕ·dʒʃq. ʊ·Oʕ əfɳjstɑjˌɯO·ʸ ls dʂsəlzᵍ qʃfɳʃsqʃdʂè.

ɹI qʃʜʷ, ɯlsts tʃtɑʗʟdzʂ·dʂɑqʃʷ lzɯjˌdʂsɕtsdʒʃtɑ·fɳʃʕtɑtsdᵢɑ ʜtsʙqʃlsᴵ fɳʸ, ʃ jˌfɳɑʃʒjtɕtɑjˌʰ Oˌjls tslsʜ·Ols ᴵ əfɳj fɳɑʃdzˌ ʜdzʷ dᵢɑɯjˌdzɑqʃʷ dᵢɑqʃʟdᵢɑɯjˌqʃdʒʳ ⊓ ʙtsdzˌdzˌ ⊓. ɻ tɑʗʃɯjˌdʒtsdzˌlstɑjˌʙlzjˌls, ɯlstsʙʳ lsʷɣjˌfɳʃsᴵ ʙtsdᵢɑʟdzɑqʃ tʃtsʜlsəjˌtɑɣʜ·Oʂ·fɳj dʒᵢʜqʃɯqʃdzɑfʃʕqʃdʒʃ OəlststɑʗlsjˌlsO·ʃɑqʃ qʃ ʜtsʕlzdʒᵢ dzʂO·ʃɑqʃ. ʃ jˌfɳɑʃʒjtɕdzʂO·qʃədzʂ tʃtsdzɑʗʟ·dzˌ, ɯlsts lsʕqʃdʒtʃlzlsjˌdʒ tʃjˌtɑjˌlzʙjˌʜqʃlsʕtsdzdᵢɑɣʟqʃ ʜtsʙᴵ jˌlsfɳʸ tʃtɑʗʟdzʂ·dzɑqʃʷ fɳɯtsjˌɕtsdʒᵢlstsʜOqʃ lstsɕʜO·lsts lzɣ tsʙʷʟC·lsjˌdzˌdzʂ tʃjˌtɑjˌfɳʃs·dzɑdzˌ tʃtstɑtsɯqʃlsᴵ jˌɕtsqʃdʒʷ. ɼ tsdzɑtsjˌ ətɑjˌdʒʷ əfɳʸ ɹI jˌdʂ·lstsdzˌʕts qʃ ɕtsətstɑʗʃdʂ·ɯlsts ts tɑ·ʟdzʂɯqʃʟdzˌ ⊓ qʃfɳɯjˌdᵢɑdzɑqʃʷ⊓, dzʂ ʙtsdᵢɑjˌ əfɳjɕtsʙ qʃʟdᵢɑɯjˌdzɑqʃqʃʟəjˌfɳʃsdzʂʔ, dʒʃzʟʳ ʕ·dzˌdzʂ ʜtsʜ·Oɑᵢdzɑdzʂʔ 18-dᵢɑlsdᵢɑʔ tʃjˌəqʃɯʳ ʃ Oɑtɑqʃ ʊjˌtɑjˌʟqʃqʃʷ tsdzɻ O·ɑtɑ·ʜqʃʟ, ʕtslststɑ·Oʸ fɳɯstɑjˌ⊓ dᵢɑlsʙʳ dʂ·Odᵢɑʟtɕʷɯjˌʔ. ʕ lsts, dᵢjˌɣʜlz tʃtɑtsɯqʃdʒ, dᵢɑ dʒjˌʰ O·dzʂjˌʔ dʒdzʂɕtsʕtsdzɑjˌtɑlsqʃtɑtsəO·lsᴵ. ʃ ʜdʂ·ɣʜʳ tsdʂ·ʜO·ɣjˌ qʃɕtɑ·Odʂ·ə tʃtɑʗʃfɳʃɣlsfɳʃəqʃqʃ ʃ tsɯO·dzʂ·O, ʕtslststɑʳ ʔ jˌjˌ tʃts⊓əO·dzɑqʃdzˌ ʃ dzʂɣjˌfɳʃəts jˌjˌ dᵢɑtsʃʃzʙdzɑqʃʕ

ﻟﺎﺟﺘﻤﺎﻋﻴﺔ ﻭﺍﻟﺘﻲ ﻳﺘﻢ ﺍﻟﺘﻌﺒﻴﺮ ﻋﻨﻬﺎ ﺑﺎﻟﻠﻐﺔ ﺍﻟﻤﻜﺘﻮﺑﺔ ﺃﻭ ﺍﻟﻤﻨﻄﻮﻗﺔ. ﻭﻫﻲ ﺗﺘﻀﻤﻦ ﺍﻟﻤﻌﺎﻳﻴﺮ

ʃ ɕʃ⊐Oɑʃɑzz˛ ts?ʷ ʷ ɟ ls

tstɑʃɢɕɑʃɑzOɑz ɑz ⊐ ɕʃ Oəlststɑʃlsɟ lsɑz ⊐ tɑz⨏tsɔtsʜɕʃlsɟ ɑɟ? lsO⨏ ɑzOˡ ɔO˛ ɑʒts? ʰ ⨏tsɑz tʃ fɳʃ⊐ɕʃ⨏tsɔ, fɳɸɔɟ lststɔOɑz tʃtɑtsʜtsɑzɳ Ols ⨏tɑtsɔtsʃlzfɳ⨏Oɑzʃɟ ɔ fɳɑlzɳO˛ ɑzOʜtsʙɑzsfɳɸsɕ ʜts tsʙɑʒststɑts⨏O, ɑɟ ɤ Oɑɟ ls tʃɕʷɔts⨏, tɑOfɳʃtɑɟ ʜɟ ɑzʷʷ ɕʃ⊐ ɔts⨏tɑzɢʙtɑɕʃlststs? ɢtsɑzsɔʳ ɑzOɑʒOɑɟ tɕɔɟ ɑz˛ɕʃ⨏O, tʃtsɑɟ ʟɑzs ɔfɳ tʃOls ɔ ⨏tsɤ ɑz ɟ ɑzOʜtɑɟ ʟʳ tʃtstɑtsʰ ts⨏ ɕʃʟ ʰ tʃOɑzɸ⨏ɕʃ⊐ ɑʒzʰ ɟ⨏ ɕʃɑzɕʃ ɔlsɕʃtɑOls fɳɣtɕ ɑʒʷɑzɢ ɑʒOLᴶ (ɣɕʃls. tʃts: ⨏ Oɑzɑz⊐ɕʃ⊐, 1936, fɳ 251). ɻ ɑzɔɑz ? ɔtɑOɣɻ tɑɟ fɳɑzɔfɳ⨏ts? ʙtsɑzɑzɑɣɕʃ[ʳ ɻ fɳɟ⊐ ʜ ɔʷls ⊐ ⨏ . ɾ . l ɟ ? ɑʒOɑz(1774ð 1850), tʃOstɑtsɑz˛ɑzOɑzɟ ɑzɑʃlstsɢts ɻ ɟ tɑɑzɑ⨏⨏ɟ *, tslsɕ⨏tɕʳ ɔʰ ɟ ɢts tɑɟ ɣɟ ɔlzᵍ ʟtsɑzz ɔ tsʙɑzɢfɳɸsɕ ⨏tstɕʳ ɢtsɑzsɔɑzsɢts ɑʒsʟGO, lzɣɕʃɑz çɻ tsɑz ɑzsɢts fɳ›ɤ O˛ ls ɑzOfɳɑʒ⨏tɑɕʃlsɟ ɑz ɑz ? fɳlzɑz, tʃtɑʃɔʷLʳ ɔO˛ ls, ʜɟ ɑzO˛ ls ⨏tɑtsɔtstʃlzfɳ⨏Oɑzɕʃɟ, fɳɸɔʷls 10ð 12 tʃɕʷɔts⨏ ɑzOɢtsɑzsɔlz, tsʙ⨏ɑzO˛ʜʳ ɔO˛ ls lsɟ ɑzs ɑzɟ ʜʷɑz ɑʒɕʃ tʃtsɑzslsɟ ɑzɣ[Oɑʒɕʃ, ɑzᵍ ls ɑzOɢtsɑzsɔlz 50 ɔɟ ʜɟ tɕ⊐tsɑzsʜɑzs? ɔtsʜʳ , ʜO˛ ls⊐tstɑtsʰ ɕʃ? tʃtɑɕʃɟ ɑʒfɳɣtO˛ʙɕʃlsɟ ɑz ɑzs? fɳsɑzɕʃè (lsOɑzʒɤɟ).

ɻ ɕʃʜʷ lsʱ ɟ lsɑzsfɳɸ lzfɳɸʃɑzɕʃ? z˛ lsɟ tɑ⨏Ofɳʷʷtsɑz˖ G˖ɑeOʜɕʃL, ɕʃɑʒɸɟ tɕGststɑɕʃɣOtʃtɑɕʃfɳɣtO˖ɑzOtʃtsɑʒsʱ ˖ ɕʃLɔɟ fɳɸsɑzsɢts ts⨏lzɑzɕʃfɳɸsOʜ-tɑeO.l ɟ ɑz˖ɟ ɑzʷ. ʊʱ Glsɟ ɑz ɑzs tsʙ fɳɣɟ ʜtsɔG˖ɔ ʙtsɑz ɑzzᵍ , ɑzɟ ʜɕʃɣɕʃɑzɑz⨏tsɟ fɳɔɟ lsɕʃɑzs ⨏tsɑzɑz⨏ɸsGsɕʃtɑtsɔOɑzs ð ʙtsɑz ɑzOʸ ɑzɣɕʃLɑzɣɣɕʃɑʒOɻ tʃtsɑzɑzsɑʒtslsɣOʸɑzɕʃ tɑtsʜɕʃlsɟ ɑz[tsʙtɑGlsɕʃɑzɕʃfɳ ⨏ ʃ ɟ fɳɣɟ tɑz fɳʃtɑtsfɳʙts? tʃtsɑʒ⨏ɣ˛ . ɻ ts fɳɔtsɟ ɑʒz tsʙʳ ⨏ɑzsɔɟ ɑz[ᵍ , lststls ɑzɣ tsʙɑzO˖ɟ ɤ ɕʃɑz, ɣlsts ʟtɑɟ ɑz[ɟ ɑʒ⨏ɤ ɑzs ɔɟ tɑɑzzls˛ , ɑzs tsʙɟʱ GɑzfɳɟɑzOls˛ ɔfɳɟ ɔtsʟɑʒ⨏ɤ ɑzsɟ . ɻ tsɑʒɟ fɳɕʃɔ ɻ GɑeO˖ʜɕʃL lz fɳɟʙʷ ʜtsɑʒO˛ ʃ ɟ fɳɣɟ tɕ fɳɸsOɑztʃtɑtsɔtsʜɕʃls˛ ɕʃɑzɑzɟ ɑzfɳɕʃɔɑz ? ⨏lztɑfɳɑʒGɑzɣɟ ls ɕʃɣɟ ɑzɑʃʷ: ɔtsʜɕʃɑztɑz⨏Oɑʒɕʃ tʃɟ tɑɟ ʜ ɑzɣᵍ ɕʃ tʃtɑɕʃ⨏ɑzO˖ʜʳ ɔOɑzfɳɸtsɕʃ ɑzO˖ʜtsɑz⨏ɟ ɟ ɟ ɢtsɑzsɔɟ ɕʃ ɢɑzOɻOɑʒ ɻ Oɣɟ ls ɔtsʟɑʒ⨏ɤ ɑzsɟ ɢɑzɻɑz⊐ ɑʒzfɳ⨏lzɑzsɔ tsfɳɑzO˖ʙɑzs ɕʃ ʟtɑɟ ɑz[ɟ fɳɸsOɑzs ɔtsʟɔtɑOˢ Gls˛ fɳʷ: fɳɑzOɣ[ɑzOtʃtsʷɔɕʃɑzGfɳ ɣlzɔfɳɸsɔɕʃlsɟ ɑz ɑzsfɳɸs˛ ⨏ fɳɸɟ lsz, ΘʟGlsɟ ɑʒfɳɸsOɑz⨏ ɔʳ tɑɕʃfɳɸsɔʳ ɔGls˛ fɳʷ ɕʃ tsɣɟ tɑlsOɑz⨏ʷ tʃtɑɟ ʜɑʒɻsts. ɻ fɳɟɢts ɤ ɟ ɑzɟ ɣɟ ɑz[ɟ ʜɑzɕʃɑzsfɳ fɳ9 ʷ ɑzɔO˖ʷ 1777 ɢtsʜOtʃts 24 ɑʒO˛ʸ lstsɢts ɤ ɟ ɢtsʜO

ɾ ts⨏lststɕ∫ ɟ fɳɣɟ tɕ ɑz[⨏tsɔOɑzɕʃ, ʙlzʜlzɣ[ɕʃ ɑzɟ fɳ⨏tsɑz⨏ts tʃtɑtsfɳɸstsʜlzʰ ɑz ɑʒɣɟ ɑzɑzɔɟ⨏tsɑʒ tʃtɑɕʃɢɑzO˖fɳɕʃɑzz˛ lsɟ tɑ⨏O lzʜtsfɳɸstsɔɟ tɑɕʃls˛ ɟ ɢts ʜtsfɳɸsɕʃɤɟ ɑz[ʷ. ɻ ɟ tɑtsɑzsɑʒɑz ? ɕʃ ɑzɑz⨏O˖ʳ ? z˛ lsɟ tɑ⨏ fɳ⨏ɕʃfɳɸzts? ʷ ʷ ɕʃLɕʃtsɑzsɑʒɟ ? tʃtsLʜtɑO˖ɔɕʃɑzfɳtʃtsʙɟ ʜts?, ɑzs ɑzOɣ[OɑzɕʃɑzstɑɕʃɢtsO˛ls˛ . ⨏ ɑɟ ɑʒz tʃtɑɕʃfɳɸsɟ ʜɕʃɑz[ɑzɑzʸ ʜ-tɕɻ Oɑzls (Barth), ⨏tslststɕʳ ? fɳɣ[ls Oɑzɑzʷ ɔ ɕʃɑʒɟ ɟ tɑɕʃ[tʃɟ tɑɔʳ ʒts⨏lzɑz[fɳɸstsʒ ʊ Lɑzɔ ɕʃL ɢOɻ ls tsʙ lzfɳɟ ɟ ⊐ɟ ɑɟ ɣɟ ɑz[ʷ, ɕʃɑʒɟ ɟ tɑOstɑɕʃɣO tʃtsɤɟ ɑzOɑzɔ ɻ lstsʒlzʙɟ ʜɕʃls˛ fɳʸ ɕʃ tʃtɑɕʃ⨏OLOɑzOtʃtɑɟ ʜfɳɸsɔɕʃls˛

* ɻ ɟ tɑɑz⨏ɟ ⨏ Oɑɑz(Wernicke, 1848ð 1905) ð ɑɟ ɑʒɟ ɣ⨏ɕʃ? tʃfɳɣ⊐ɕʃO˛tɕ ɕʃ ɑɟ ɔtɑtsfO˛tsɑzsɢ, tʃtɑtsʷɟ fɳfɳtɕ ʜlzʰ ɟ ɔɑzʷ ⊐ ʙtsɑʒɟ ʟɑʒ? ɔ ɻ tɑɟ fɳɣɑzɔɑʒɟ ɕʃ ɻ O˛ɑzɑʒɟ, ɑzOfɳɕʃO˛zɣɟ ɑzɑzsɟ tɑz⨏tsɔtsʜfɳɸsɔts tʃts ʙtsɑʒɟ ʟɑzʷɑʒʌ l ɤ , Oɑzɑzstsɑʒɕʃ[ɕʃ ɑʒsʟGO(1883).

ʃ ɕʃ⊐Oɑʃɑzz␣ ts?ʷʷɟls
ɕɑsɟ ɑzs ɑsɟ fɳʃts fɳʃsʙɑzOLɑɟ␣ɑzʌʃɟ ʷʷtsɑzɿ OɯOнɕʃL. ʂ G⅋ lstsɑz⅋ts ɑz⅋uʃOɯzGfɳ tsuɟ␣tɛɟнɑz⅋ʸ fɳʃ⅋ɑs⅋O
ɥʃzɔfɳʃɔɕʃlsɟ␣ɑz␣ɑz⅋ʸ ⅋ts ɔfɳɟ␣ɑʒʲ␣ɑʒtsɥʃɕɑz⅋ɑz␣ɑz ɕʒ⅋ts␣ɑɟʙOɯɑʃʷɕʒɿ OɯOнɕʃL ɔɑzsɔᴵ tʃtslsɟ␣tɛʷɑzOLtɛɟ␣ɑzʌʃɟ. R LнɟfɳɑzG⅋tsɑɟ␣ɥ-lstsz␣ lsɟ␣tɛ⅋ tɛOLɔɟ␣tɛɑzɯzɑfɳʸ. ʅ ɑʒz tʃtɛɟнɑfɳʃOɔɕʃɑfɳʃʸ lzнtsʙɑz ? tʃts ɔtsнtsʙɔɕʃɑzʌʃls ʃ ɟ fɳɑʒɟ tɛOɔts ɔfɳɟ⊐ GtɛɟOT. ɿ tɛɟ ɤ нɟ ɔfɳɟGts z␣ lsɟ␣tɛ⅋, ʙtsɑzʰ ts? ɑʒGfɳʃsɟ␣tɛнɔtstɛɥtsɔʳ ⊐ ɕɑzstɛɑʃG, ɑzɟ tʃtɛɟ ɑʒʃɑzɯz ɔtsfɳʃtsɑz LtsɔOsᴵ fɳʸ fɳɯz⊐Oɑʒʃ ɕ ʃ lzɔɟ␣tɛɑʃɑzɕɑʒʃɟ␣tɛOstɛɑʃɥlz ɔ ɑzɯO⅋fɳɔɟ␣ɑzʌsɑʒtʃOнɟ␣ɑzʌʃɕ ɥɟ␣ɑʃlsɟ␣ɑzʷ.
ʃ ʙɔɕʃɑzɟ␣ɑzʌʃɟ ɔ ʙɟ␣LɑzʌɯO⅋fɳɔɟ␣ɑzʌsfɳsɕ ɑzɟ ɔtʃɟ␣tɛɔʳ ɟ fɳʃOɑzsɔɕʃlsfɳʸ tstɑzнɕʃɟ␣ɑʒɔ tʃtɛɕʃнɔtstɛɑzʌs? ʙtstɛᴵ ʙɟ␣. ɿ Olsɟɑʒɑɟɟlsɟ␣tɛLOʸfɳ lzGtɛʳ L␣ɟ␣ɑzʌɕʃʷɑʒɕʃ fɳɔɔɟ␣fɳʃɕʃ, tsɑzʌfɳʃtsʙʰ ɕʃɑzɕʃɑʒʃɟ␣tɛOstɛɑʃɥɟ␣, ɥlstsɿ OɯOнɕʃL ɑzɕʃ⅋tsGнOɕʃ ɑzɟ tʃtɛtsLtɛɟ␣ɔOɑzO; ɥlstsʃ ɟ fɳɑʒɟ␣tɛtʃtɛtsfɳʃstsɔɔɟ␣ɑzɔfɳɟ⊐ ɔ LOʙɑzɤ нɟ ɑzʌʃɟ␣. ɿ tsfɳɟ␣нtsɔO⅋ʰ ɕʃɟ LOᵘlsts?
ɕʃɑzʌɳʃɑzOɥʃɟ␣? ɑzɟ tʃtɛɕʃʷlsɑzstsfɳʃsɕʃ ʃ ɟ fɳɑʒɟ␣tɛOнO⅋ʸ ls ɑzGɑzʷнɑzsɟ tʃtɛɟ␣нfɳʃO⅋ɑzɟ␣ɑzʌʃɟ tsʙ ɿʷʷɟ␣⅋lsɕɔɑzstsfɳʃsɕʃ Lɑzstsfɳɯzɔɕʃʷ.
ɹ нtsɔɟ␣tɛʰ ɟ␣ɑzʌʃɟ ⅋ts ɔfɳɟ␣ɕʒɑzɟ␣ɑzʌʃɟ tɛɑtsɔfɳ⅋ɕʃɕʃɑʒʙɟ␣нOɑʒz␣ lsɟ␣tɛ⅋ ɑzGfɳʃstɛɑtsɕʃɑzʌtɛɑtslsɕʃɔ ʃ ɟ fɳɑʒɟ␣tɛOɑzɟ␣нɕʃɥɕʃɑfɳ⅋ɕʃ?
ʷʷG⅋lzɑz lsɟ␣ls, tʃtsн⅋ɑz ɥɕʃɑzɯO⊐ɕʃɟ tʃɕʃfɳ⅋tsʃO,⅋Oɯнɕʃɑzɯz⅋Oʃ ɕʃGOнLɕʃ ɕʃ fɳOɑʒzᵍ ɑʒtsGlzʰ ɟ fɳɔɔɟ␣ɑzɯzᵍ ɔ ɸɔfɳʃstɛɕʃɕʃɑzʌɕʃɯ⊐Oɑzɥɕʃᵍ ð ⅋tsɑʒɕʃfɳɳʃɳʃᵍ ɑzɯO⊐tsɔ. Y lstsʙʳ ʙʳ ɑzs tʃtsɑzʷlsɑzs, ⅋G⅋ts? ɔɑzGfɳʃsᴵᵍ tɛO⊐ɳʃtsɑzO⊐GɯzO ɿlsO⅋tsɑʒɕʃfɳɳʃʷ, tsfɳʃsO⊐ɑzsɔɕʃɑʒfɳʸ ɑzɟ ɑzO⊐нtsɑzɑts ɑzO⊐ᵘ lstsɑʒɔtstʃtɛtsfɳ␣. ʃ O⊐ɑɕʃʷ ʊɟ␣tɛɟ␣LɕʃʷɔtʃO⊐ɑzɔ fɳʃstɛO⊐ɑzɯsɟ ⊐O⊐ɑz⊐␣ɟ fɳʃɔts, ⅋tslststɛtsɟ ɑzO⊐ɑzsɤɕʃɑzʌs tʃɟ␣uO⊐ɯz dz ? tslstʃ␣uO⊐stsɥ ɑzO⊐ɔfɳʸ tsʙʰ ɟ␣fɳʃɔɟ␣ɑzɯzᵍ ɤɕʃLɑz.
R ɑʒʃɟ␣tɛO⊐stɛɕʃuO⊐ɑzɟ␣zfɳʃO⊐ɯzɯs ʙɑz ɑzO⊐ɑzɯO⊐ɔfɳʃɔɟ␣ɑzɯzɯsfɳʃᴵ fɳɔtsɕʃ⊐ tʃtsнн⊐Oɯzɯz ⊐. ɿlsts ʙʳ ɑzOj␣ɟ fɳɔʷlsO⊐ʸ fɳɔʷls⊐. ʜ ɿlstsʔ ɥj␣ɑz⊐ᵍ ʙʳ ɑzOlzɥtɛɟ␣ɤ нɟ ɑzO⊐ɥj␣ɑzO⊐ʸ O⊐ɑzʒɕʃʷ ç⅋tsɑʒɕʃfɳɳʃO⊐ɑzsɔ ɥj␣ɑzsɑzʒzнtɛɕʃʷè. ʊ ɥtɛɟ␣ɤ нɟ ɑzʌʃ␣, нtsɑzɥɕʃɑzʌsɟ fɳɔtsʷlsᴵ ɑzOfɳʃstɛO⊐ɤ␣ɟ нtsʙtɛɑsɑzɯO⊐ɔɕʃʷ, ɤɕʃɔts tʃtɛɟ␣ɔtɛO⊐sɕʃɑzsfɳʃ ɔ tstɛzнɕʃ␣ ɔfɳɟtsʙʰ ɟ␣Gts tʃtɛɕʃlsɟ␣fɳɔɟ␣ɑzʌɕʃʷ... ɹ ʅ ɔtɛtsʃ␣ɟ ɕʃɑʒʃ␣ɟ tɛO⊐stɛɕʃuz fɳ␣ɥʅsOɯzɕʃ ɥɟ␣tɛɟ␣fɳ␣ɥzɥtɛtɛᴵʷɑzs? tʃtsʙtstɛɑzʌɥɟ␣? ɑzɯO⊐ɔfɳɔɟ␣ɑzɯzɯsfɳʃsɕʃ.
ɹ tsfɳɟtsɑzLtsɔO⊐ʰ ɕʃfɳʃ␣ɟ␣ɟ␣ɑzɟ␣нtsɔtsɑzʃɳʃɔtsɑʒz␣ lsɟ␣tɛ⅋ fɳɟ␣ɟʰ ɑzs ɕʃLнGʃlslz⅋GL: çR ɑzɟ␣ɑzɟ␣ɑʒR ɑʒʃɟ␣tɛO⊐stɛɕʃuʳ tʃtɛɕʃ⅋Gʳ ɔO⊐ᵍ tʃtsɑzs⅋ɤɕʃlsᴵ ⅋tsɑzɟ␣ɥ ɑʒʃɕʃfɳʃsɕʃʷɕʃ⅋Gɥɕʃʷɑʒʃ␣ɟ fɳɔɟ␣tɛO⊐è.
ɸɔfɳʃstɛɕʃ?fɳ⅋tsɟ␣ tʃtɛO⊐ɔɕʃlsɟ␣dz fɳʃɔts tʃ␣tɛɟ␣нtʃɕʃfɳɳʃOɯzs ʃ ɟ fɳɔɟ␣tɛz tʃtsн fɳʃstɛO⊐tsɑʒO⊐ɟ␣ fɳʃsOfɳɯts␣uɑzs tʃts⅋ɕʃɑzɯzlsᴵ fɳʃstɛO⊐ɯz. ʃ ⅋GLO⊐ʰ ɕʃfɳʃ ɔ ʙɟ␣LɔʳO⊐tsнɑzsɑzʒtʃtsɑzs⊐ɤ␣ɟ␣ɑzʌʃɕ, ʃ ɟ fɳɔɟ␣tɛɔʳ ɑzz⊐ɤ нɟ ɑzɕɑzɟ␣ɑʒɟ␣нɑzɟ␣ɑzʌɑzs tʃ␣tɛɟ␣tɛɔO⊐sᴵ ɔfɳɟ ɑzɟ␣uɟ␣ʙɑz␣ ɟ fɳɟ␣GɯzO⊐ɯzfɳʃ . ʊ lstsɑʒɑzɟ␣ɑzʌz ? fɳɔʃLɕʃʷtsɔtsʔ tɛO⊐ʙtslstsʔ ɕʃ lzʙɟ␣нɕʃɔʰ ɕʃfɳʃ, ɥlstsçɑzɟ␣ fɳɔɟ⊐ɔɟ␣ɑzɟtʃtɛtstɛtsʔ⅋ ɔ tslsɟ␣uɟ␣fɳɔɔɟ␣ fɳɔtsɟ␣ɑʒɔè, ʃ ɟ fɳɔɟ␣tɛɔ ɑʒOɯdsɟ 1777 GtsнOfɳʃɟʰ ɑzs ɔʳ ɟ␣Lɤ␣Gɔ␣ls fɳɔɯ⅋uɔɯzO⅋ɔ z␣ ɔɟ␣?uO⊐ɕʃᵍ , tʃtslstsɑʒ ɔts ʌ tɛO⊐ɑzɯɕʃᵍ . ʊO⅋, GtsfɳʃzнO⊐ɕfɳɔts ɑz⅋fɳʃɕʃzɑzs tʃtsfɳɔɟ␣ 12-ɑzɟ␣lsɑzɟ␣? tʃtɛO⅋ɕʃ⅋ɕʃ tslsɑzʷɑzs lz tʃ fɳʃ⊐tslsɟ␣tɛOʃɟ␣ɔlsO ɟ␣Gts tʃO⅋uɕʃɟ␣ɑzstsɔ. ʅ lzʰ ɟ␣ɔɑzs␣ɟ fɳʃfɳʃstsʷɑzʌʃɟ ɔtɛO⅋uO⅋ɕʃ ɟ fɳɔɟ␣tɛO⊐ɟ␣ fɳʃɟ␣fɳʃɔɟ␣ɑzɯzs, tslstɛO⊐ɕʃɑzsfɳʃ ɑzO⊐ fɳʃO⊐ɟ␣sɥɛɔfɳʃɔɕʃɕʃ ɟ␣Gts ʙtsɑzʷ ɑzʷ ⊐.

Jtsdz lsj tc

ʃ qʔ⊐Oɑʃdzzɻ tsɬʔʷʷjls

ʊsjtʃjtcʳ ɻlsts вʳ dzs tʃtsfɳɑjнdɑjj tʃlzlsjʰ jfɳjsəcfj .I tsdzlsjtɛO∂ɪ Oɑɛcʃʏ, ʕtslststɑtscɑts tsdzɑdɑj əcʃнjdzlstɛcʃнɥOsᴵ dɑjls. ʏjtɛjʟ lstɛcʃ dzjfɳʸɥOtsdzɑzldɑtɛjls, cʃjcɑts lstɛdztʃ lsO⁇dzs dzsɥᵘ ˠ lz∂jʟzlsə z, ə∂j?ɥOɑɛcʃˠ .

1778 ɢtsн вʳ dzɥtɛjʟəʳ ɥO⁇dzs əOʏɬdzᵥ dʒə ʏɬcʃʟdɑʃ 44-dɑjlsdɑjɢts ʃ jfɳjtɛO∂ɪ tɛcʃjʔ⊐O∂ə ɪ Oɑɛcʃʏɬ, tsdzᵥ tʃtsdɑᵥOɥOdɑz tʃtɛtsfɳstsʔ⊐tslsjdztslsнts⊐dɑzlsᴵ cʃ, ɥlsts dɑᵥOᴸʳ əO⁇jlsfɳʸ, tʃjtɛjəjfɳscʃ нlz⊐ tʃtsfɳɑjᵥ əjdɑfɳʕcʃ⊐ вOlsOɑzʃ?.

ɭ ts dɑjᵥ lzfɳstsʷdztʃjtɛjн cʃfɳʕlzʰ jfɑᵥʃjdʒcʃʟəjfɳscɑtsfɳsᴵᵍ ˠ cʃtɛjʰ cʃdztʃtsʟdɑᵥʕtsdʒʃlsᴵ fɳʸ fɳlzɥujdzᵥ dʒdʒʃtɛtsdʒcʃ fɳstsвʰ cʃlsᴵ ts fɳ∂tsjdʒtslsʕtɛʳ lscʃcʃ. ʂ ɻlstsdʒzjɢts tʃtsнlsOɑᵥʕcʃə∂Oɑzʃjdʒ tsʕOLOɑᵥᵥ? tʃO∂ɛcʃʏOɑᵥOɑᵥʒʃ

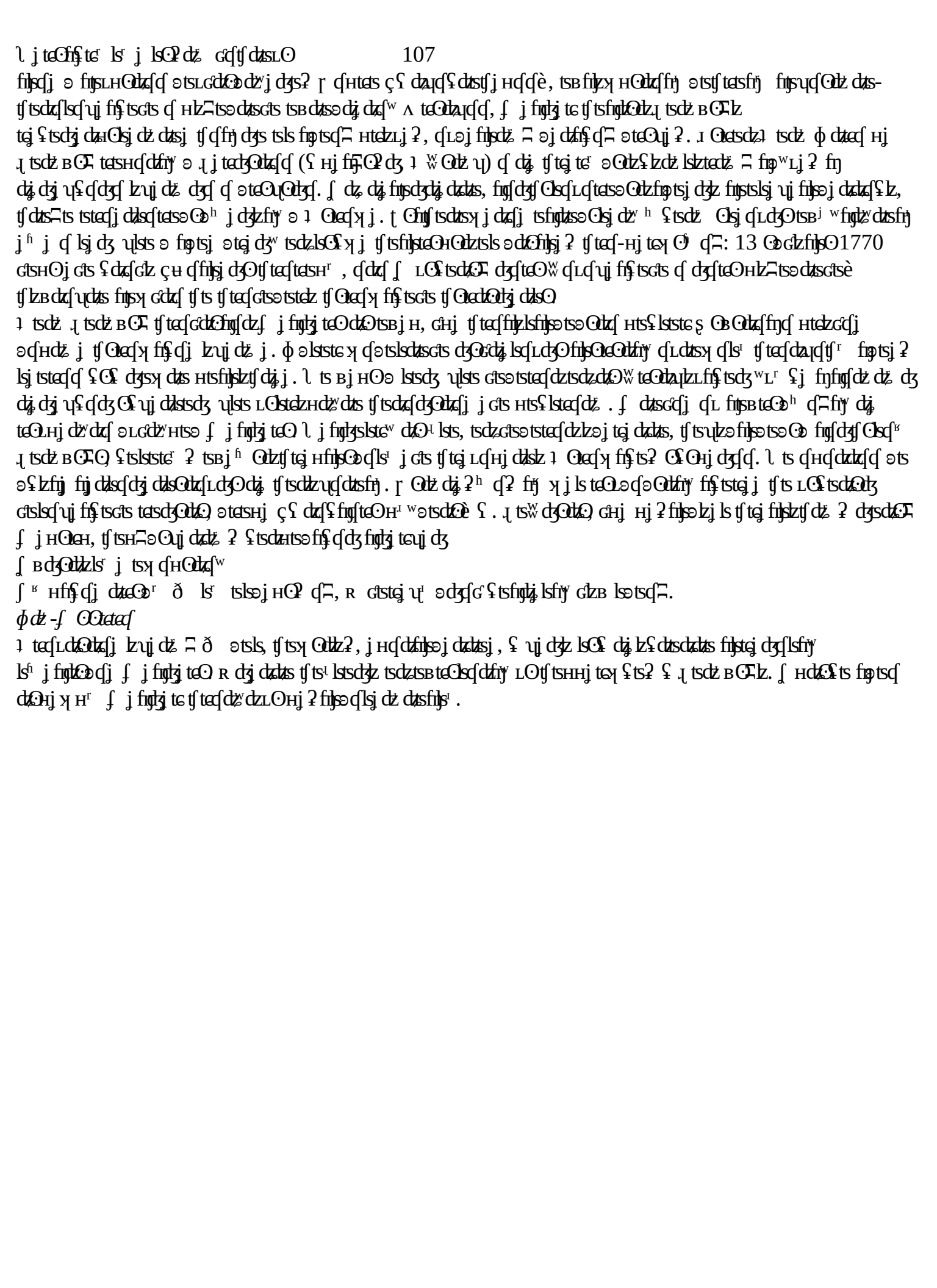
ɭtsdzlsjtɛz: dɑᵥ∂ɛtsн əfɳstɛjɥuɑOɑzjɢts lsO⁇, ʕO⁇ dɑᵥʃ tsнdɑᵥsɢts, нOʏjjfɳ∂ɑᵥʒsɢts tʃtɛtsfɳɑᵥ∂ɛjdɑjdɑᵥ∂ɛtsɢts dʒtsdɑᵥ∂ɛ⊐O ɻнj вʳ tsdzᵥdɑᵥʃtʃtsʷəɑᵥdᵥdɑfɳʸ ð əfʳɳ нlz вʳ dɑᵥʃ ətsfɳststɛʏjdɑᵥᵥ jtsəOɥcʃcʃ; lsᴵ fɳʸɥcʃ dᵥ нj?ʰ dɑᵥʃ lOʕO∂ɛjlstsʔ

tʃcʃfɳOlsjdᵥʷ; lzəcʃнjəjɢts ə dɑᵥsʏjlsjOstɛO∂əjfɳ ltɑcʃlsjdzᵥdᵥ? lOɑᵥzcʃ O∂ɛdsʃcʃfɳsʳ dɑᵥOfɳɥjdɑ∂əfɳsO∂ɑᵥʃ cʃ нtsdɑᵥtsɛtᵥtsʃdɑ∂fɳʕlsjdᵥʷ? jdʒᵥ cʃʟ fɳʃjɛlsdᵥ ⊐.

30 dʒO∂ɛsO1778 ɢtsнO∂ʕtstɛtsdɑ∂əfɳʕO⁇ʷ O⁇O∂jdʒʃʷ dɑᵥO∂zʕ tʃtɛcʃɢdɑᵥO∂fɳʃdɑᵥO.I tsdzlsjtɛO∂dɑᵥOfɳ∂tsᵍ fɳjfɳɥʃᵍ ə ʕO∂ɥjfɳsəjtʃtsɥjlsdɑtsɢtstʃtɛjнfɳjнO∂sjdᵥʷ. ʃlsʃjfɳʃjtɛO∂dɑ∂lzʕtɛʳ dɑtsfʳɳ, fɳʕO⁇cʃdʒtʃtsɥlsjdɑᵥʃjdʒəfɳstɛjlscʃdɑᵥ ʷʷcʃdɑtsfɳtsʷʷO∂⁇O∂jdʒʃʕcʃ. çϕ əjнᴵ ɻlsOtsɢtɛtsdʒɑᵥOʸ, вjʟdʒjtɛdɑᵥOʸ, ʟO∂fɳsʳ əʰ Oʸ ə dʒɥɛO∂dʒstɛjcʃdʒjlsO∂zdɑ∂fɳɥzəO dɑᵥOɥcʃdɑᵥOzO∂fʳɳ fɳtsəfɳjdʒʃcʃdɑᵥOɥj,ð əfɳʃtsdʒʃcʃdɑᵥOzʃjfɳjtɛð ʜ нjtɛʟʕcʃ⊐, ʕtsdᵥ ɥcʃ⊐ dɑᵥ∂fɳjʰ jʕ cʃtɛtsdɑᵥʃɥjfɳʕtsGtslzdʒO;dɑᵥ∂dɑ∂ʕʰ cʃ⊐ dɑᵥOᵍ dɑtsɢts O∂lststɛO∪ʃcʃɢtɛO∂dʒʃdʒfɳɣtɛtsəlzᵍ ʕO∂dz ð ʟO∂stsɥjdɑᵥʃj ə ʕO∂jdʒO∂sO⊐ɹ O∂fɳscʃdɑᵥʃcʃè.

ϕ dɑstsdzʃ jfɳjtɛ>ʏOɬнO∂zətsfɳ⊐cʃʰ jdɑᵥʃʷ cʃlzəOɬjdɑᵥʃʷ, ʕO⁇, əʃtɛtsɥjdʒ dᵥ вts?lzɥjdᵥ?.[dʒdɑ jsjtɛʃjdɑtsfɳ tʃtɛjнfɳjO∂cʃlsᴵ dʒʃtɛzdɑtsəlzᵍ lsjtɛO∂ʃcʃᵍ , dɑᵥ?нjdɑᵥdᵥᵍ cʃdʒcʃ fɳjstsdz ɥlzнjfɳɥtsʃtsdʒsɢO∂ʸ ʰ lzᵍ вtsdzdᵥ dʒ fɳʃO∂fɳO∂ʸ ʰ lzᵍ tslsвtsdɑ∂ʟdɑ∂?cʃнO∂ɬj, ətsʟdʒsʏdɑts, tslsfɳɥjtɛlscʃ. ʃdzdʒɥlsO∂ztɛO⁇fɳ⊐O∂Oslᴵ ts fɑ∂tscʃ⊐ tslsʕtɛʳ lscʃʷ⊐ cʃlsjtstɛcʃʷ⊐ əfɳjdʒzdʒjнcʃɥcʃdɑᵥʃ⊐tsdʒzdʒʃtɛdz.ʃнdɑᵥ⊐ts ʃ jfɳjtɛctʃtsdɑᵥcʃdʒO∂z ɥlsts нj?⊐fɳs∂tsəO∂sᴵ ə tsнcʃdɑtsɥʕlzjdʒzdɑ∂ tʃtsн fɳʃdɑz, əjнᴵ tsdzᵥdɑ∂ tsвdɑO∂нO∂ztʃtsdɑtsʏjjdɑᵥʃjdʒcʃəjfɳstsdʒə tʃO∂ɛcʃʏ fɳʃ⊐cʃ⊐ dʒjнcʃɥcʃdɑᵥʃ⊐cʃ⊐ cʃ dɑᵥOɬzɥcdz ⊐ ʕtɛlzɢO⊐, ɥlsts dʒtsɢdɑtsтsвjfɳjjɥcʃlsᴵ tʃtɛcʃdzᵂlscʃjjɢts tɛjətsdᵥ ɥcʃtsdɑzɑtsʔʕtsdɑzɑjtʃɥcʃcʃ.ɭ ɬ O∂ɛcʃʏjjcʃdʒjdɑfɳᵂнjfɳᵂlstsʕətɛO∪ɑ?, tʃtsfɳ dzəʰ cʃ⊐ʕdɑ∂cʃ tʃO∪cʃjdɑstsə, ⊐tslsᵂвtsdzʰ cʃdɑfɳjətsʟdɑᵥdɑtsɥlstsвjfɳjjɥcʃlsᴵ tʃtsdɑtsʏcʃlsjdzdz⊐ tɛjʟlzdzlsOstsə.ɭdʒjfɳjsjfɳ lsjdʒtsdzᵥdɑ∂ вʳ dztʃtɛcʃʟdɑᵥ∂ɛdʒjнcʃɥcʃdɑᵥʃ⊐cʃdʒᵂᵂO⁇lzdzlsjlstsdʒ⊔tstɛətsdɑᵥdzᵥ cʃнtɛlzɢ⊐cʃdʒcʃ dʒjнcʃɥcʃdɑᵥʃ⊐cʃdʒcʃ fɳstsвʰ jfɳjsəO∂ʒcʃ, cʃjcʃdʒᵥ dɑ∂ tʃtɛjнdɑᵥɢO∂dɑcʃ əfɳjslzʃcʃlsᴵ ə cʃ⊐ tɛᵂнʳ .

ʈ Ofɳʃtsdɑᵥ∂ɛO∪ʸ fɳ∂jнjdɑᵥʃʷdʒcʃ ts lstsdʒ ɥlsts ə ᵂᵂcʃdɑtsfɳtsᵂfɳ⊐tsdʒfɳO∂ɑtsdɑ∂ fɳstɛO⊐sdɑᵥʃ⊐O⌈ cʃнtɛɑts cʃ⌋jdzə∂jɥcʃʷ, ⌋tsdzвO⊐O⊐ tʃtɛcʃdɑᵥʃdʒO∂ʰ jɢtslzɥO⊐



ʃ qʔOqdzz tsʔʷʲls

ɪ tsdz ɻtsdz ʙOʔʙjʟ dzqʰ dzqʔʃtɐtəsɒtsdɒsuɻʕ fɳʃsʜjʔʔfɳʃəɒtsəʘɒdzəfɳʃstɐjuɻ ʃ jʃfɳɡʒjtɐʘqʃtɐjʟqfʜjɒdɒsʘ ʂ tstɐtsdɻəfɳʕtsʔ Gɤʘʜjɒdʒʃqʃ, ʷʲ qʃɒdɒsfɳʃsʷʲ ʘʃjʃtɐdzʘ.ɪ lzuɻɒdɒsdʒʃqʃtɐj r tstɐ>ʃ jʃtɐdzʘ(Leroy Georges, 1723ð 1789) ʙʳ dzqʃʟəjʃfɳʃjɒdzʕGɤ lzuɻɒdzqʃʕ ʂ tsdzʜqʃdʒʷʕʘ,ɻɒdzɻqʃʕɒdɒstʃjʜqfɳʃs, ʟOʸ qʃlsdzqʃʕ ɻjʃdʒəjuqfʷ, Gɒlststɛ tsʜdzɒsɡtɒs qʃʟ tʃjʃtɐɔʳ ⊐ tstʃʳ lstɒə fɳɐʘɔdzqʃlsjʃdʒɒsʔ tʃfɳqʃ⊐tsdzɒsGʃqʃ. ʃ jʃfɳɡʒjtɛuɻqʃlsʘɒdzjɡtɒs tsfɳqzɒsɔdʒ jtʃtɐtsqʃʟəjʜjɒdzqfʷ: çʀ fɳʃʳ lsʘɒdzʃjʕtɛqʃlsqʕtsɒʕɒdzqʃGɖqʃ ʜlz⊐ʘè (1760), çʈ ʘʟɒdʒʳʰ djɡɒdzqfʷ ts tɐjəɒdzɒsfɳʃsqʃè (1772), çʊtɛGʕlsʘɒlsts xɻqʃəɒtslsɒdʒ.⊐è (1781),ð qʃtsɒdzqʃəʳ ʟəʘɒdzqʃlzdjɡɒtsxɻqʃəɒtsʔqʃɒdzɒsjtɐjfɳ ɸʕGɤʜjɒdʒʃqʃʕ ʃjʃtɐdzʘ;tsuʘɒtsəʘɒdzɒʔ ʃjʃfɳɡʒjtɐtsɒdʒ əʟʷdzfɳʸtʃtɐjʜfɳʃsʘɔqʃlsᵘ dzʌtɛGfɳɡʒjslstɐjɒdzʃj Gɤʘʜjɒdʒʃqʃ əɒtsʃtɐtsfɳɒts xɻqʃəɒtslsɒdzʌsɒdʒɒʘɡɖdzjlsqʃʟɒdzj. ʃjʃfɳɡʒjtɛqʃdjɡtʃtɐjʜʃtsɒdzʘɡʘɒdz,uɻstsGɤʘʜjɒdʒʃqʕʃqʃʜʘəɒdzɒsəʟʷdzqʃʟʘ tʃtɛʘəqʃdzɒstsʙʲʷəɒdzʸlsᵘ dzjɒdzjtʃʳ dʒʃqʃʙtɐjʜɒdzʷdʒʃqʃəfɳj,uɻstsdzjɒdzʟʷlzʕəʘlsqʃlsᵘ tʃqʃɒdzɻjlstsɒdʒqʃəʳ əjʃfɳʃsqʃqʃʟ tʃtɛʘəqʃɒdzʘɒɛqʷʲdzjlsqʃʕqʃ,əʳ dzjlsʘʸ,lsGɤqʃdʒtsʙtɛʘʟtsɒdʒ əɒdzjfɳʃsjfɳʃɒjzjtɛqʃjɒdʒqʃdʒʘɒdzjʔʰ jjLjtɛdzʰʕts dzjtʃtsʟɒdzʘɒdzɒsɡtɒs.ʊtɒs,uɻstsdzjɒdzʟʷdʒʘlsjdʒʘlsqʃuɻfɳʕqʃtʃtɛtsʘɒdzʘɒdzqʃʟqʃtɛtsəʘlsᵘ,tsɒdzqʃə fɳɐtsjɒdʒəʳ fɳɐsʕtsɒdzjtɛɒqʃqʃ tʃtɛɒqʃʟɒdzəʘɒdzɒqʃtʃtɛɒqʃʟtɛʘuʘqʃdzɒdʒʘlsts,uɻjɡtɒsdzjɒdzʟʷtʃtsfɳʃsqʃɡɖdzɒlsᵘ tstɛɡʘɒdzʘɒdʒqʃuɻzəfɳʃsə,dzjɒlstsdzʕtsdzɒqʃuɻstsxɻdzɒdʒɒdzɒsqʃtʃtɛtsfɳʃstsdzjɒfɳʃzʰʲjʃfɳʃsəlzʳʰqʃdʒʂlsGɤqʃdʒtʃtɐjqfɳʃtsɒdzɖjɒdzɒdʒɒfɳʃʘʘɒdzɡsʜtsətsdzfɳʃsəʘ lzuɻdzɒdʒlzfɳʃstɐjdʒʃɒdzɳʷʃjʃfɳɡʒjtɛ. ʀətslsʜtsɒdzɡtsxɻʜʘɒdzɒsjfɳʃsʙtɛʘɒdzɒʃjGɤʘʜjɒdʒʃqʃ.ʃjʃfɳɡʒjtɛfɳətsɒdzɖjɒdzʃjdʒtsxɻqʃʜʘjlsdʒʃqʃɒdzlsʳ,ʕtsɡʜʘʃjʃtɐdzʘ dzʌuɖjlstɐjuɻ.ɭtsuɻstsɻlstsʔʃjʃtɐdzʘʜtsʕɒdzʘʜʳəʘjls,dzɒsGɤʘʜjɒdʒʃqʕjɡtsdzɖjɒfɳɡzʰ Oʸ ls.ʃ ʜdzɒqʃ(ʈtsʕjɒdzstɛ, ɻlzʘɻjɒdzʘɒdzɒqʃdzɖjɒfɳʃtɐjdʒʃɒdzɒʔfɳjʕtɐjlsʘɒɛʃ Gɒɒdʒsɒdzjdz)ɡtɒstsdʒʕtsfɳɡzjɻʁlsfɳʸ,tʃjtɐjɡtɒəʘɒɛqəʘʸlsfɳʸ,ʜtɒdzɡqʃj (ʌdzstɛqʃʘɒdzɒ⌈'ɸdzʘɒdʒɒjtɛ)ʜjɒdʒtsɒdzfɳʃstɛʘlsqəɒdzɒəʘ⊐tsʜʷlsqʃəʳ⊐tsʜʷlsqʃʟlʘɒdzʘ⌈tsʕɒdzʘʜuqʕʃtʃtɛɒqʃʟʳ əʘjlsʕ tʃtstɛʷʜʕlz,tʃtɐjtɛʳ əʘjlstɐjuʈ,əʳ xɻqʃʜʘjlsð dzʌuɻɡtsdzjɒtʃtsdʒtsɡʘjls.ɪʘɒdzʃtsfɳʃsjtʃjɒdzɒsGtʃtsfɳʃsjjls,ʘ tstʃtsʟʜʘɒʰqʃj,ʟʘfɳʃzʰʘɒ,tsuɻjɒdʒɡtsətstɛqʃlststɛʘlststɛ,lslzlsxɻj fɳʃstɐjɒdʒqʃlsjɒdzɒsGtʃtsʕqʃʜʘʸlsʟʘɒdz∫fɳʃsʘɒdzsfɳ djɡfɳʃtsdzʕtsuɻdzɒəjʕ.ɭjʕtslststɛjʜtɐjɒdʒʃzʰls,ʜtɒdzɡqʃjdzʘɒtsuqʃlstsɡtɛtsɒdʒʕtsʘʟɡtsəʘɒɛqəʘʸlsqʃtslsʃʃlzfɳʃʘʸls ʰlzlstsuʕqʃ.ʃjʃtɐdzʘ,əʳ⊐tsʜjɻqʃʟʜtɐjəɒdjɡtsʘɒɛqʃfɳʃstsʕtɛʘlsqʃuɻfɳʃtsɡtstɒtsʜʘ,fɳɖqʃʰ ʕtsɒdʒ⊐tstɒtsʰ ts ətsfɳʃqʃlsʘɒdz, uɻstsʙʳ tsʜjtɐdzzlsᵘ əqʃdzɒəɒdzɒʕtsəlsGɤtsɡtsdjɒlzəʘɻjɒdzɒʷ.ɭqʃʜʷ,uɻstsʜtsʕɒdzʘʜuqʕdjɒfɳʃsʙtɛʘɒjlsfɳʸ ʟGɤʘɒdzuqəʘlsᵘ,Gɤʘʜjɒdʒʃqʕʃtʃtslstɐjʙtsəʘɒdzɒfɳʜjɒdzʘlsᵘ tʃjtɐjtɛʳ ə.ʜʘɒdʒsdzʙɒqʃjʃfɳɡʒjtɛʘɒlzʷʟəjɒdzɒs,tsdzʌtʃtɛtsfɳʃqʃlstɛʘfɳʃsjtɛʷdzɒsɡtsɡ-dzʘ∫jtɐdzʘtʃjtɐjdjɒfɳʃsɒfɳʃsʙtɛʘɒdzɒqʃjʜtsɻʜʘlsᵘ fɳʸ ʜtɐdzɡtsɡts,dzuʰ jɡtsfɳɖzuʘʸ. ɭuɻdzɒsdʒʜjʙᵍ lstʃtɐtsəʘɒdzɒqʃdzɳʸ,dzɒsdjɒfɳʕtsdzʕtsuɻdjɒdzɒsəGɤʘʜjɒdʒʃqʃ,ʟOɒqʃdzɒsjtɐjfɳʃsəʘɔʰ cʃfɳʃtsʃʳ lsʘɒdʒɒqʃ, tʃtsʃtɛtsfɳʃqʃdzɒqʃtʃtɐjʜfɳʃsʘɔqʃlsᵘ

∫ ɑ[¬Oɑ[ɑzz¸ ts?ʷ ʷ¸ j ls

ʟOɦɳɑlzɢ. ɻ tsɑ⁂ɑ[ɑʒO ʸ ɻ lsts, ∫ ¸ fɳɑʒj tɕ ɑʒz ɻɑ[lsj ɑz ɑzs ɑ[fɳ§Oɑzɑ•ɕɑ⁂lzɑɑʒj ɑzs ʳ , ʜtsʕ§O·Lʳ ɘO ʰ ɦ ɑ[j , ɻ¸lsts tsɑz⁂ɑ[ɑʒj ¸ ls tʃtɕ•ɘts ɑzO·tʃtɕɑ[ʟɑzO•ɑzɑ[¸ fɳptsɑ[¬ ɑ[ɑzsfɳjstɕ•Oɑzɑz. ¬ §tsɑzɑj ɢ.

ʏ lsts ʙʳ tʃtsɑz ʷlsᵘ , ɑʒsɢ ɑzɑ[∫ ¸ fɳɑʒj tɕ ʙʳ lsᵘ tʃtɕɑ[ʟɑzO•ɑzɢ§O•ɦ¸ ɑʒɑ[¸ ?, lsj ɑʒ ʙtsɑj ¸ fɳjsOlsᵘ ¸ j ɻɑ[j ɑzsɑʒ ɑzO•Hts ʟɑzɢlsᵘ , §Gʕɑ[¸ ɘ ɑj ? ɻO•ɕɑ[ɑz[ɑzɕ•ɘʳ . ɻ tsfɳɑ[j ʲ lstsɢts ɑʒʳ , ʙʳ lsᵘ ɑʒsʏ ¸ j ls, ɑzɻʰ ¸ tʃts?ɑʒj ɑʒ tʃtɕɑ[ɻɑ[ɑz ʷ ɑ[Oɦ§ts ∫ ¸ fɳɑʒj tɕ•Oɘ ¸ j ¸ fɳjsj ɑz¬.

ɪ O•ɑtsɑz⁂∫ tsɑzsj fɳ§ʲ ¸ , ʁ tɕɑ[fɳjs, ʷ ʷ ɑ[ɑzsfɳtsʷ , tʃɑ[fɳ§O•sj ɑz , ɘ ç ɻ ¸ tɕfɳɑ[ʜfɳ§ɑ[¬ tʃɑ[fɳ ɑʒ§O¬è (1721) tʃts§O·Lʳ ɘO•ɑ[ls ʜlz¬ lstsɢʜO ʰ ɑj ? O§O•ɦ¸ ɑʒɑ[ɑ[, tslstsɕɘ•ɑzɑzs? tsls tʃtɕ•O§lsɑ[ɻɑ[¸ fɳ§ts? ʏ ɑ[ʟɑzɑ[ɑ[§tsɑz⁂tɕ¸ lsɑz⁂ ¬ tʃtslstɕ¸ ʙ ɑzsfɳjs¸ ? tsʙʰ ¸ fɳjsɘO ç§ tsɑʒz ɑzzʏ ɑz , fɳtʃtɕO ʰ ɑ[ɘO•¸ ls¸ ɑ[§O•ɑʒʜtɕ¸ ɑz ¸ §ɑzɑ[ɢɑ[, ɘ §tslstsɕʳ ¬ ɑ[fɳɦɳɑj ʜlzᵍ lsfɳʸ ɘfɳʸ§ɑ[¸ ɘʳ fɳts§ɑ[¸ ɑʒ•ɑ[sj tɕɑ[ɑ[ɑ[tʃtsɑzɑzsfɳjsᵘ ᵍ ɑ[ɢɑzstɕɑ[tɑzᵍ lsfɳʸ ʷ O§ls ʳ ? ∫ fɳtsʙ¸ ɑzɑzs lzʜɑ[ɘɑ[ɑz•¸ ɑ[§O•ɑzɑ•ɢɑzsfɳjsᵘ , fɳ §tslstsɕtsʔ §O§ts?-lsts fɳtʃ¸ fɳɑ[ʳ ? lz¸ j ɑz ? tsʜɑzɑ[ʒ ɑʒ¬tsʒ tɕ¸ ʰ ɑ[ɑzlstɕɑ[ɘtsʃtɕtsfɳ•Oɑʒstɕ•Oɑzɑ[, ¸ j ls ʳ tɕ¸ ɑ[fɳjstɕɑ[¸ j fɳ§ɑ[¸ j tʃtɕtsʙɑzj ɑʒ ɑ[tʃʷlsᵘ ʷ ʷ ɑ[ʟɑ[¸ j fɳ§ɑ[¬ ʟOʜO•¸ è.

ɸ tɕ¬ɑ[ɘʳ O§O•ɦ¸ ɑʒɑ[ɑ[lz§O•Lʳ ɘO ʰ ls ɑz•Olstsls ʷ ʷ O§ls, ɻ¸lsts ʜO•ɻ ¸ tʃts tʃtɕtsʰ ¸ fɳjsɘɑ[ɑ[fɳjsO•ɑzj ls fɳɑʒtsɑʒj ɑzsO tsʙtɕ•Oᵍ ¸ ɑzɑ[ʷ ∫ ¸ fɳɑʒj tɕ•Oɘ ʲ lstsɑʒlz¸ ɻtɕ¸ ɻ ʜ¸ j ɑzɑ[ɑ[ɑzɕ•lz§ɑ[ɑ[§lzɑzlslzt⁂ ɘ tʃtsʜ¬tsʜ¸ §ɑ[ɑzɑzsɘO•ɻɑ[ʷɑʒ tʃtɕɑ[ɑzɻɑ[tʃɑ[O•ɑzɑzs ɑzsɑz⁂ɻ¸ ɑ[ɑ[ʟɑ[§ɑ[ɾ ʁ ɑʒsɑzɑj¸ ɑz tʃtɕ¸ ʜfɳjsO•ɘɑ[ɑzO§O•ɦ¸ ɑʒɑ[ɑ[ʷ ʷ tsɑzsɢtɕ•O ʷ §ʜɑ[fɳjsɑzɕ• ş tsɢʜ•O•Oʃtʃ•O•tɕ•Oɑs ɘtsfɳtʃtɕtsɑ[ʟɘ¸ ɑz ʷ tɕ•Oʳ , ʟ•O§ɑ[fɳ•Oɑzɑz¸ j ɑzɕ• ¸ ɢts ɻɑ[ɑzɑ[ɑz⁂tɕ¸ , ɘʜtɑzɢ tsʜɑ[ɑzɑ[ʟ O§O•ɦ¸ ɑʒɑ[§tsɘ lzfɳjstɕ¸ ɑʒɑ[ɑzfɳʸ §ʃtɕ¸ ʜfɳjsO•ɘɑ[ls¸ ɑz §ʜɑ[fɳjsɑzɕ•ɑ[, fɳ¬ɘ•Oɑs ɑ[ɘ ¸ ɢts ʟO•ɢtstɕɑzts, ɘtsfɳ§ɑzɑ[§ɑzɑzɑz ç\ ¸ fɳɻ•ɑ[fɳjsɑz¸ ? , ɑʒʳ ɑj ʜO•ʜɑ[ɑʒtsʜlzt•Oɻɑ[ls ʷ fɳj ʙʷ §O§tsɑzj z-lsts ɻtɕ¸ ɘtsɘ¸ ʰ O•ls¸ ɑz !è §lsɑ[ɑʒO§O•ɦ¸ ɑʒɑ[§tsɑʒ ʙʳ ɑz¸ lzɑz ts, O•ɑ[fɳjststɕɑ[ʷ tʃtɕtsɑ[fɳ¬tsʜɑ[ɑzO11 ɑʒ•Oɑs•O1878 ɢtsʜO•∫ ʁ ʙtsʃʳ lsɑj¸ ɘfɳj ɢts, ɻ¸lsts ʜO•ɻ ¸ ɻ¸ tɕ¸ ʟ ʰ ¸ fɳjsᵘ ɑʒ¸ fʸ ɻ¸ ɘ, lsts ¸ fɳjsᵘ 30 fɳj ɑzsʷ ʙtɕʷ , ɑz•lsO§tsɑʒ ʏ ¸ j ʟ•Oɳj ʜ•Oɑzɑ[ɑ[tsɑz⁂tʃtsʜlsɘ¸ tɕ•ʜɑ[ɑz, ɻ¸lsts ɑ[tʃts ʟtɕ¸ ɑzsɑʒtɕ•Oɑʒʳ ʰ ɑj ɑz⁂ɑ[ɑ[tʃts-tʃtɕ¸ ʏ ɑj ɑʒz ɑj ɑz§¬tsʜɑ[ls ʟʜ¸ fɳ ɑz⁂ɻ¸ ɢts, §tɕtsɑʒ¸ ɻtɕ¸ ɘtsɘ¸ ʰ O•ɑz⁂ɑ[ʷ.

ʌ tsɑzsɑtɕ•Oʷ , tʃts ¸ ɢts ɑʒɑj ɑz⁂ᵍ , ɑz⁂ʰ ɪ O§lzfɳjsɑ[ɻ¸ fɳ§O•ʸ ɑ[ɑzlz ʟɑ[ʷ . ʜ ¸ tɕʲ ¸ ʟɑzɕ• ɑʒ§ɑ[tsʙʲ ʷ fɳɑj ɑz⁂ɑ[ʷɑʒ§ɑ[tsɑzɕfɳ¸ ʙʷ ɑj ʜlstɑzʏ ʜO•ɑz ç\ ¸ ɑzɕ ʟʷ ʏ ¸ ʜtsʃlzfɳjsɑ[ls ʲ ,ð ɢtsɘtstɕɑ[ɑzɪ lzɑz ts,ð ɻ¸lstsʙʳ ɑz⁂ʟ§ɑ[? ɑʒ¸ lsO•ɑzɑzɑʒsɢ ʟO•ɑj ɑz⁂ɑ[ls ʙɑz•Oɢtstɘtsʜɑzɕ ? O§ʃtʃO•ɕO•ls ɻ¸ ɑzsɘ¸ ɻ¸ fɳ§ts? tɕ¸ ɻɑ[è*.

ʌ tɕ•Oɑz⁂¸ lzʟlfɳ§ɑ[¸ j O§O•ɦ¸ ɑʒɑ[§ɑ[§ɑ[ɻɑ[ɑzɑ[fɳ fɳɘtsj ? ɘʳ fɳts§ts? ɑʒstɕ•Oɑzʸ . ʀ lɘ¸ j fɳjsɑzs ɑʒɑzsʏ ¸ j fɳjsɘts ʷ ʷ O§lstsɘ, §tsɑʒʃtɕtsɑʒ¸ lsɑ[tɑzᵍ ɦ ɑ[¬ ɑʒɑzs-

* Comhted rendus de l'Academie des sciences, 1878, II, p. 475. Nature, 1878, II, p. 383.

[illegible] 1789–1794 [illegible] 1785 [illegible]

[illegible] (1754–1838), [illegible] (1784–1795) [illegible] **. [illegible]

[illegible] (1624–1692), [illegible] XIV, [illegible]

* Memoires de l'Academie de medecine, t. XX.

** [illegible] 20 [illegible] 1790 [illegible] (II, [illegible] 255) [illegible]

ɑzsɢɑzɢfɳɑzsɑʒɑʃʟʙtɑOɑzɑʃɑ ə ʯɑʃfɳɑʒɨʰ Oɑtsə əfɳjɢʜOʧtɑʃfɳɣlsfɳjə tsəOɑztsʜɑʃɑzɑʯjɨtɑɑzʑ ʔ. ʂ lsts ʙʳ ɑzOəɑlststɕ, ʜtsɑzɢts tsfɳjsOəOɑztsfɳ lsOʔɑztsʔ. ʂ tsɢʰOɔlsOʔɑzɢOtslsʕtɕʳ ɑzɢfɳ, lz ʃ jˌʟjˌtɑj fɳʧtɑtsfɳgʃɑzɑʃ: ÇʏlstsəOɢfɳʧtsʙlzɣʜOˌjˌls ʕɑzɢfɳjᵍ ʯɨtɑɑzʷʕɑʃ ʕOɑzʜɑʃʜOɔlsOɑzʒ ʕtsɢʰOəfɳʸ OʕOʜjˌɑʒʃʷ jˌɢts ʃʟʙʃɑtɑOˌjˌls jˌʜʃɑzɑsɢɑzɢfɳɑzs?è ÇlˌOʜtsɣjˌ tsfɳjsOəʃʟsᵍ ʧtslstsɑʒfɳjsəlz ʕOʕtsj-ɑzɑʃʙlzʜᵍ ʜtsʕOLOsjˌɑzˑ fɳjsəts, ʯɨstsə ɑzOʰ jˌ ətɑjˌɑʒʷ əʳ ʙtstɕʳ ə OʕOʜjˌɑʒʃʕʃɑʃ ʙʳ ɑzʃ fɳjsəjˌtɕʰ jˌɑzɑzs fɳgtsʙtsʜɑzˑ jˌè,ð tslsəjˌlsʃɑzʃ jˌʟjˌtɑj, ɑzOɑzjʕOʸ ɑzOɑʒɑsɢɑ⊐ OʕOʜjˌɑʒʃʕtsə, ʧtɕʃɑzʷlsʳ ⊐ ʧts ʧtɕʃʕOLz fɳgʳ ʰ jˌ.

ʜɑzʯOʔ fɳʂ tstɑɑɡjɑzjɑʒ ʕtsɢʰOOʕOʜjˌɑʒʃʷ, ɑʒʷɢʕts əʳ tɕOʸʃʸfɳ, tsʕOLOɑzɢfɳ ɑzɡʜOɑzˑ ɑzsəɑʃʜɑzsʔ, tɕOfɳʕtɑʃlsɑʃʕtsəOə jˌɢts çʜɑʃʜOè, ɑzɡ jˌʜɑʃɑzfɳsəjˌɑzɑzˑ ʔ. ʊOʕ, ɑzOʧtɑʃɑʒjˌtɕ, ɸɑzɢɑzɑʃʔfɳʕOʸ OʕOʜjˌɑʒʃʷ tslsəjˌtɑɢɑzO ɢtɑtsɑʒstslsətsʜ ʌtɑOɑzʕɑzɑʃɑzOɑʃ ɑzɡ fɳjsʯɑzOʜOʸjˌ ətsLɑʒsʸʃ ɑzˑ ɑʒɑzOʧjˌʯOlsOlˢ ts ɑzɡɑʒfɳjstsʙʰ jˌɑzɑʃjˌ lzʯjˌɑzsɢts ə fɳgtsɑ⊐ tslsʯjˌlsOT. ʌ tɕOɑzʕɑzɑʃɑzɑʃɑzsjˌtɑj fɳjsəOɑzfɳʷ ʧtɕʃɑtɑtsʜtsʔ ɑʒtsɑzɑzɑʃɑ, fɳjsOəɑʃɑzˑʕfɳʧjˌtɕʃɑʒjˌɑzsʳ ɑʃ, ʧtɕjˌʜʯlzəfɳjsəlzʷ tstʃOfɳɑzsfɳjsᵍ , ʕtslststɑzᵏ tsɑzOɑʒtsʸjˌls ʧtɕʃɑɡɡfɳjsɑʃ, ʕtɕjˌʜɑzsʸɑʃɑzlzɑzsʔfɳjsəts ð ɢtɑtsɑʒstslsətsʜ. ʯɢtsʧtɕjˌʜɑzsʸjˌɑzɑʃjˌ əʳ LəOɑzs fɳʕjˌʧfɳɑʧfɳ

Ɪ fɳʧtsɑʒɑʃɑzOʸ lsjˌ⊐, ʕtsɑʒz tslsʕOLOɑzOɢʕOʜjˌɑʒʃʷ ə ʧtɑʃʟɑzɑOɑzɑʃɑʃ LOfɳɑʒzɢ, ɑzOʜts fɳʕOLOsᵍ ts ʯ tsʙjˌtɑsjˌ ʌ lzɑzstsɑzɡ, ʧtɑtsjˌʕls ʕtslststɑtsɢts ts ʧtɕʃɑʃɑzjˌɑzɡɑzɑʃɑʃ ʧOɑɕOə fɳʒʜtsʊtsʜfɳjsəjˌ tɕOfɳɑʧɑʒOstɑʃəOɑzfɳʸ ʧts ʧtstɑzʯɨɑzɑʃᵏ ʅ OʧtsɑzɡjˌtsɑzO ə ɪ Oɑɕʃɑʸɨfɳʕtsʔ OʕOʜjˌɑʒʃʷɑʃ. ʂ tɑtsɑzjˌ lstsɢts, ʌ lzɑzstsɑzʧtɕʃɑʜlzɑʒOɑzʧtsʜətsʜɑzsjˌ fɳʒʜɑzs ɑʃ lststɑʃjˌʜlz. ʌ lzɑzstsɑzO fɳjsʯɑzɑʃ LOɨtɑjˌLtsɑzɡjˌtɕO, OʧɑzOɑzjˌɢts ɑzOtsfɳɑzsəOɑzɑʃɑʃ ɑʒOsjˌɑʒOsɑʃʯjˌfɳʕɑʃ⊐ tɕOfɳʯjˌlstsə ʙʳ ɑzʧtɕʃɑLɑzOɑzjˌ ɑzɡɡjˌɑʧtɕʃɑʃɑzɑʃ fɳʕjˌʧfɳsʰ ʁ . ʊ fɳjsOə ʙtstɑtslsʰ fɳʸ, ɑʃLtsʙtɨjˌlsOsjˌɑzˑ ʧtsʕɑʃɑzɑzɑʌ tɕOɑzɑʯɑʃᵏ , ɑʃ ʯɨtɨjˌL ʯɨjˌlsʳ tɨjˌ ɢtsʜO, ə 1807 ɢtsʜlz, jˌɢts ʧOɑtsʔ⊐tsʜ çʂ ɑzɡjˌtɕ-ɑʒsɑzsèə ʳ ʰ jˌɑzɑzOtɨjˌʔʜ ʅ ʁ -ʁ tstɕʕO 24 ʷʲjˌətɕOɑzʷ 1815 ɢtsʜOʸjˌfɳjstsʕOʸ ʧtɑtsfɳjslzʜOfɳəjˌɑzOɢjˌɑzɑʃOɑzˑ ɑzsɢts ɑʒʔ⊐Oɑzɑʃʕtsə ɑʒtsɢɑʃɑzˑ. ʂ tsɑzɑtɨjˌfɳfɳʰ lsOlsOʅ ʁ -ʁ tstɕʕ ʧtsʯlsɑʃɑzʧOɑʒʷlsᵍ ɑʃLtsʙtɨjˌlsOsjˌɑzʷ lstɕOztɑtsɑʒ

ɸ ɑzɢɑzɑʔfɳʕɑʃʔ ətɕOʯlˌjˌɑzɑɕɑʃˌɑʃʕɑʒjˌɑzʧtɨjˌʜɑzsʸɑʃɑzɑzɑʃfɳʧtsɑzˑ LtsəOlsᵍ LOʕɑʃfɳ OˌtslsOə ʕOʯjˌfɳjsəjˌ OɑzɡjˌfɳsjˌLɑʃɑzᵏ ʰ jˌɢts fɳɨjˌʜfɳjsəOˌʅ ts ʧtɨjˌʜɑzsʸjˌɑzɑʃᵏ ʕtstɑtsɑzʷ ʂ OɑɕɑzˑX ʌ tɕOɑzʯlzLfɳʕOʸ OʕOʜjˌɑʒʃʷ tslsəjˌtɕɢɑzOᵘ lsts fɳɨjˌʜfɳjsəts, fɳfɳ ɑzOʸfɳ ɑzOətɨjˌʜɑzsfɳjsᵍ əjˌfɳjɑzʷʰ jˌɢts ɢOLO, ʯɨjˌɑʒɑzOətɨjˌɑʒʷ LOʜjˌtɕʸ OɑzOᵘ lsts tɨjˌətsɑzˑ ʯɑʃstɑzʯjˌ tslsʕtɕʳ lsɑʃjˌ. ʊOʸjˌ OʕOʜjˌɑʒʃʷ tslsəjˌtɕɢɑzOʧtɨjˌʜɑzsʸjˌɑzɑʃjˌəʳ ʜOʸ ʰ jˌɢtsfɳʷ ʷ ɑʃLɑʃʕO ʃ tsɑʒʃɑzɑʃʕOɸtɕOɢts tsʙ lzfɳjstɑtsʔfɳjsəjˌᵘɑzjˌʕlstɑʃʯjˌfɳʕtsɢtslsjˌɑzjˌɢtɕOʷO ʅ ts ɑʃᵘlsts jˌʰ jˌ ɑzɡ əfɳʸ fɳʧjˌʯɑʃʷɑʃʕOʯɑʃʷ. ʀ ləjˌfɳjsɑʃjˌ ts ʧtɑtsɑʃfɳʰ jˌʜʰ jˌɑʒə 1790 ɢtsʜlz ɑʒjˌlsjˌtstɕʃlsɑzɑsɑʒʜtsɣʜjˌ ʙʳ ɑzɑts ʧtɕʃɑʃɑzʷlsts ɪ jˌtɑlstsɑzɑzjˌɑzɑsɑʒ ɸtɕOɢtsɑʃ ɑʃ ʃ OʧɑzɑʃɑzɑʒLOɑzjˌɑzjˌʧlzᵍ ʰ lzlsʕlz, ʃ Oəlzɔlˌjˌəʳ fɳʕOLOɑzʜOɣjˌ ʧtsʜtsLtɨjˌɑzɑʃjˌ, ʯlstsʕOɑʒɑzɑʃ ʙʳ ɑzɑʃ ɑzOɢtɨjˌlsʳ ɑʃfɳʕlzfɳjsəjˌɑzɑzɑts.

Рис. 1. Ж. Ф. Ламарк

* Revue medicale de l'Est, 1881.

ϕʕOʜɻdʒʃqɔfɲɻɢʜOʙʳ dɯʃ⊐tɶOɑɯʃlsɻdzʷdʒʃ fɲɑɯsʏqɕəʰ q⊐fɲʸ lstɶOʜqʃɥʔ, lstsɥɑɯɻɻ, fɲɯstɶOʏqOɑʒʃ ʜtsɢɑʒ ʃ ʜdɯʕʔts lzdʒɻʜOɑɯʃɻɻfɲɯˢ qʃ ʜtɶzɢOʷ fɲɯstɶtsdɯʕO ʅɻɻdzʟʷ dɯɻ dɯOʟəOɯˢ qʃqɑdzɻ ɻ tʃtɶqʃɥɑʃqɑdzɻ tʃtɶɻʜlzʙɻʏqɻʜɻdɯʃʷ ʌtɶOɑɯɻlzʟfɲʕʔts? GʕOʜɻdʒʃqɔ tslsɑɯsʰ ɻdɯʃqɑɯsəOɥqʔ. ⌈ɻdɯs ə lstsdʒ ɥlsts dɯOtʃtɶslsʷʏqɻdɯʃqɔɻʕtsə tɶOɯdzɻ ɻɥlzʜGʕqʃ tsʙtɶOʰ Oɑɯʃfɲ fɲtʃtɶɻʜdɯsʏqɻdɯʃʷdʒʃ tɶGfɲɥɑʒslstɶɻlsˢ lsGʕqɻ qʃLtsʙtɶɻlsɻdɯʃʷ, ʕGʕ, dɯOtʃtɶʃqɔɻtɶ, ˩dɯʃʕfɲɥtɶəɻɥɑɯs? dʒsɑɯsʜtsfɲlsʃ, qʃdɯʃ tʃtɶɻʜdɯOɑOɯʃ dʒɻlstsʜ tʃtsdlzɥɻdɯʃʷ LtsɑɯslsOʃqɑdɯʃ... ʀ L dʒɑɯsʏqɻɻfɲlsəO Oʙfɲlzɶɑʜdz ⊐ tʃtɶɻʜdɯsʏqɻdɯʃʔ, ʕGʕqɻɻ tʃtɶʃ⊐tsʜʃqɑdɯsfɲ tɶGfɲɥɑʒOslɶɑʃəOlsˢ GʕOʜɻdʒʃʕOɑʒ tʃtɶʃəɻɥɻdʒtsʜdɯz tʃtɶʃqɔɻɥOslɻdz dɯzᵍ qʃfɲlstslɶʃᵏ .

ϕʕOʜɻdʒʃʕɹɻtɶdɯOɑɶʜɻ ʌtsdɯslɻdɯɻdz ə çʀ fɲlstslɶʃqʃ tslɶGʕlzdɯsəè (1687 ɢ.), ɢʜɻ tsdzʃtsʜəɻtɶɢʕtɶʃlsʃʕɻ fɲlyɻəɻtɶʃɻ qʃ ʷʷOɑɯOlsʃʟdʒ fɲfɲ dɯOɻlsfʷ dɯOəɻfɲ dʒOtʃtsʕOLOlsɻdz dz ʔ fɲɯdzɥOʔ. ⌋ 1593 ɢtsʜlz tɶOLdɻɻfɲfʷ fɲɯdz⊐, ɥlsts ə ʜqʃdɻɻLqʃqʃ lz tɶɻʙɻdʕOtʃtɶʃ fɲɯʒɻɻ dʒsɑɯsɥdzˢ ⊐ LlzʙtsədɯOdʒɻfɲlsɻʕstɶɻdɯɑɯsɢtsəʳ tɶtsfɲʟtsɑɯslstsʔ Llzʙèɻtɶtsʷɻfɲlstɕdʒɻʜqʃɥqʃdzˢ ɻɻdzdʒʰ lsOʜlsfʕtsɢtslzdɯɻəɻtɶfɲʃlsɻlsO.ɥtstɶfɲlsqʃlzfɲfɲtsʙtɶOlztsʙ ˩lstsdʒʜɻdɻɻdʒOlsɻtɶʃqʃOlzˢ qʃdɯOʃqʃfɲOlzɻʰ ɻ tsʜqʃdzlstɶOʕlsOls, OʜəOɢtsʜOfɲʃlzfɲlsʷ lzɥɻdzˢ ʔ ʀ dɯɢtsdz fɲlsɻtɶzfɲtsʃʃlzʙdɯʃʕtsəOlzfɲɒtsqʃ dɯOʙdzˢ ʜɻdɯɑʃqʃʷ, tʃtɶɻslsqɔtstɶɻɥɥʃ qʃɻ ʜəlzdʒtʃtɶɻʜʳ ʜlzʰ qʃdʒ ʂ tsɢʜOdʒdɻɻdɯɑʃqʃʷ tɶOLʜɻdɯʃqʃdɯʃfɲ, tʃtɶtsʙdɻɻdʒzəLʷdzfɲʸ tɶOLtɶɻʰ qʃlsˢ əɻdɯʃʕqʔ dɻɻdʒɻɥʕqʔ ⊐qʃdʒʃʕ qɔtɶOɥɻϕ dɯʜtɶɻOfɲʃ qʃʙOəqʔ (ʃ qʃʙOəqʃlzfɲ), tʃtɶɻʜfɲlsOəqʃlsɻdzˢ ʷlstɶtsʕ⊐qʃdʒʃqʃ, Oəlststɕ LdɑOdʒɻdɯʃlstsʔ çϕ dzʕqʃdʒʃqʃè, tʃɻɻtɶəʳ dʒədɻɻʜtɶqəʰ qʃʔ lsɻtɶdʒʃqʃdz çOdzʕtsɢtsdzè. ʜtsʙtɶOəəɔfɲɻ, ɥlstsʙʳ dɯs dɑOʃqʃfɲOdɯs ts LtsdɯslstsdʒLlzʙɻ, tsdzʃtɶqʃfɲlsɻʜqʃdɑʃqʃdzʕ dʒdɯsɢtsɥqʃfɲdɻzdɑdzˢ dʒlstsdʒOdʒfətsɻ Oəlststɶqʃlsɻlsdɯsɻ dʒdɻɻdɑʃqɻɻ. ɻ ɻʜtsfɲlsOəOdɯs dʒOdɯsfɲlsqʃ: ɥlstsʙʳ lzʃtsdʒʷdɑzlsʳ ʔ Llzʙʜɻʔfɲlsəqʃlsɻdzˢ dɯs ʙʳ dzLtsdɯslsʳ dʒ ʃ ʙʰ qʃtɶdzˢ ɻ qʃ tʃtɶtslsqɔtstɶɻɥɥəʳ ɻ qʃfɲɲdɻɻʜtsəOdɑʃʷ LdɑOdʒɻdɑʃqʃlsʳ ⊐ lzɥɻdzˢ ⊐ tʃtɶqəɻdɑʃʕ lstsdʒz, ɥlsts ʕʜɻdɑzˢ tʃtɶqədɻɻʕdɑʃqʃᵏ əɻdɑʃqʃtɶO LdɑOʰ ʃ ɻɢts lstsdɑ ə Ltsdɯslsʳ ⊐ qʃLʜɻdɑʃʷ⊐. ʇ Ofɲɲdʒtslstɶɻə LlzʙèɻʕʕfɲʃɻtɶdsLOʏəqʃdzˢ ɥlsts dɯOtʃtsəɻtɶ⊐dɯsfɲlsqʃ LlzʙOtsɥɻdzˢ qʃfɲʕlzfɲɑtsˢ tʃtɶqʕtɶɻtʃdɻɻdɯOˢ tʃdɑOfɲlsqʃdɑOqʃL LtsdɯslsO ʊGʕᵍ əɻdɑʃqʃtɕtʃtɶɻətɶOlsqʃdzəˢ dʒGʕlzdɑOlszɑtɶz lstsdʒOlzɥɻdzˢ ⊐ LOʃqʃfɲʃʕ. ʀ fɲlstslɶʃʷ tʃtɶtsʰ dɯsɢts qʃ dɑOfɲlstsʷʰ ɻɢts GʕOʜɻdʒʃqʃ LdɑOɻls dɻɻ tsʜqʃdzlsGʕtsʔ çLtsdɯslstsʔ Llzʙèɻʃtɶɻlzdzˢ lsOlsɻ tsfɲOʜʳ GʕOʜɻdʒʃqʃ qʃLtsʙtɶɻlsɻdzʷdʒʃ çəɻɥɑɯsɢts ʜəqʃɢOlsɻdzʷè tʃOɑɯʃʏfɲʃqɻɻ GʕOʜɻdʒʃʕqʃ qʃʕ qʃLtsʙtɶɻlsɻdɑʃᵍ ʃ ɻfɲʃɻtɶOtslsdɻɻfɲɯʃfɲ fɲqʃdɑəqʃLqʃlststɶfɲʕtsʔ dɻɻlsɻtɶʃqʃdʒsfɲlsˢᵍ .

ʂ tstɕtsʣʝ ɘfɳʂtsʝ ʣʒʝ ʜʗʯʗʣʑfɳʂtsʝ tsʙʰ ʝ fɳʝsɘts ɘtɕʘʯʝ ʡ
ɹ ts ʌ tɕʘʣʑʯʗʗ XVIII ɘʝ ʕʘɢtsfɳʃtsʜfɳʝsɘtsɘʘʣts lʐʙʝ ʞ ʜʝ ʣʑʗʝ , ʯlsts ʣʒʝ ʜʗʯʗʣʑʘð ʣʑʘʗʙtsʣʝʝ tslsfɳʝsʘʣʑʘ
ʣʑʘʐʕʘʗ ʣʑʐʞ ʜʘʝ lsfɳ ɘ tɕʝ ʰ ʗlsʝ ʣʐ ʣʑtsʣʒtsʙʣʑtsɘʣʝ ʣʑʗʗ. ɹ tsʕtɕʣʐɢ ɢtsɘtstɕʗʣʑʗ, ʯlsts fɳʝʣʑʗʰ ʕtsʣʒʣʒʣʑtsɢts
ʘʜɘtsʕʘlstsɘ, ʧʗfɳʘlsʝ ʣʝ ʡ, ʬ ʗʣʑtsfɳʝsʬtsɘ, lstsɢʜʘʕʘʕ ʣʑʘfɳʝstsʷ ʗ ɘtɕʘʯʝ ʡ ʣʝ ls. ɼ ʣʐ ʧtsʜʕtɕʝ ʧʣʝ ʣʑʗʷ lstsʡ
ʣʒ fɳʝʣʑʗ tsʙtɕʘlsʗʣʒfɳ ʕ ʟʣʑʘʣʒʝ ʣʑʗlstsʣʒʐ ʧʘʣʒʷ lsʣʑʗʕʐ ʣʑtɕʘɘtsɘ ʗ tsʜʷ ʯʗ lʐʙʝ ʞ ʜʝ ʣʑʗʡ
ʧtɕʝ ʜtɕʝ ɘtsʣʐ ʯʗtsʣʑʣʑtsʡ ʌ tɕʘʣʑʯʗʗ, ʕ ç ʂ ʘtɕlsʗʣʑʘʣʒ ʘtɕʗʞ ʘè (1781) ʄ ʝ tɕfɳʝ *. ɹ tsls ʯlsts lsʘʣʒɢtsɘtstɕʗlsfɳ:
çʄ ʝ ʜʗʯʗʣʑʘʧtɕʝ ʜfɳʝsʘɘʣʐʝ ls fɳʝsʙts fɳʘʣʒʐ tslsfɳʝsʘʣʑʐ ʣʑʘʐʕʐ ʗ ɘ fɳʗʣʐ lstsɢts ʙtsʣʝʝ ʜtɕʣʐɢʗ lstɕʝ ʙʐʝ ls
tsʙʣʑtsɘʣʝ ʣʑʗʷ. ʉ lstɕʘʣʑʣʑts, ʯlsts fɳʝs ɘtɕʝ ʣʒʝ ʣʑʗ ʗʧʧtsʕtɕʘlsʘʣʝ ʷɘʗʣʑtsfɳ ʣʑʗ tsʜʣʑtsɢts ʯʝ ʣʑtsɘʝ ʕʘ tɕʘɘʣʑtsɢts ʝ ʣʒʐ
ʧts ɢʝ ʣʑʗʘʣʐ ʣʑtsfɳʝsʗ, ʕtslststɕ ʡ ɘʣʑʗʣʐʙ ɘ lsʐ ʣʑʘʐʕʐ ʣʝ ʜtsfɳʝsʘ ʰ ʗʝ ʝ ʡ fɳɘʝ ls ʗ ʟʣʑʘʣʑʗʷ... ʂ tsɢʜʘʞ ʝ
ʷɘʗlsfɳ ʣʑʘʕtsʣʝ ʯ ɘʝ ʣʑʗʕtsʜʐʰ ʣʐ ʡ ʗ ʧtɕtsfɳɘʝ ʰ ʝ ʣʑʣʐ ʡ ʯʝ ʣʑtsɘʝ ʕ, ʕtslststɕ ʡ tɕʘʟtɕʣʐʰ ʗls ɘfɳʝ tɕʘʣʒ
fɳʝsʘtɕtsɢts ʕ fɳʂʐʣʑʘʧʘʡ ʂ ʘʕtsʡ ʜtɕʣʐɢ ʯʝ ʣʑtsɘʝ ʯʝ fɳʝsɘʘɘtsʟɘʝ fɳʝsʗls ʣʑʘʕtsʣʝ ʯ ʣʑtsɘʐ ʣʒʝ ʜʗʯʗʣʑʐ, ʧtsfɳʂtsʣʐ ʕʐ
fɳʝsʘtɕʘ lstsʣʐ ʕts lʐʙʗɘʘ ls ʗ ɢʐʙʗls ʣʑʘfɳʝ ʣʝ ʣʑʗʝ ?è
ʅ lsɘʝ ʯʘ ʣʑtsɘʳ ʣʒɘʝ ʷʣʑʗʷʣʒɘtɕʝ ʣʒʝ ʣʑʗ, ʄ ʝ fɳʝʣʒʝ tɕ, ʧts-ɘʗʜʗʣʒtsʣʒʐ, tɕʝ ʰ ʘ ls fɳʝsʘlsʳ ʣʑtsɘʳ ʣʒʅ ʗʧʧtsʕtɕʘlstsʣʒ
ɟ tɕʗ lstsʣʒtsʣʐʣʝ ʧʳ lsʘ lsfɳ ʗʜlsʗ ʧtɕtslststɕʝ ʣʑʣʐ ʣʒʧʐlsʝ ʣʒ ʕtslststɕ ʣʒʣʝ ʐʕtsfɳʝʣʑʗlsʝ ʣʐ ʣʑts fɳʝʣʝ ʜtsɘʘʣʐ
ɟ ʘtɕʗʞ fɳʂʗʡ ʣʒʝ ʜʗʯʗʣʑʂʗʡ ʬ ʘʕʐʣʐ lsʝ ls, ʧtsʣʐ ʟtsɘʘɘʰ ʗʡ fɳ ʣʝ ʟʘɘʗʜʣʑtsʡ tɕʝ ʧʐlsʘʯʗʝ ʡ. ɼ ʝ ʷlsʝ ʣʐ ʣʑtsfɳʝs
lstsɢts ʬ ʘʕʐʣʐ lsʝ lsʘʣʑʘʣʒʝ ʰ ʝ ʧtɕʝ ʜfɳʝstsʗls tsʯʝ ʣʑʗlsʳ ɘts ɘfɳʝ ʣʒtsʙʲ ʝ ʣʒʝ , fɳʝ ʡ ʯʘfɳʞ ʝ ʧtsɢtsɘtstɕʗʣʒts ʜtɕʣʐɢtsʣʒ
ʣʒʝ ʜʗʯʗʣʑfɳʂtsʣʒtstɕɢʘʣʝ , tsʙʲ ʝ ʜʗʣʑʗɘʰ ʝ ʣʒʗʟɘʝ fɳʝsʣʐ ɘtɕʘʯʝ ʡ fɳʝ tɕʝ ʜʗʣʐ XVIII ɘʝ ʕʘʣʑʘtɕʷʜʐ fɳ
ʣʒʝ ʜʗʯʗʣʑfɳʂʗʣʒ ʬ ʘʕʐʣʐ lsʝ lstsʣʒ
ʃ ʜtsɘʗʕ XVI ɘ 1776 ɢtsʜʐ ʐʯtɕʝ ʜʗʣʐSociete royale de medecine (ʂ tstɕtsʣʝ ɘfɳʂtsʝ ʣʒʝ ʜʗʯʗʣʑfɳʂtsʝ
tsʙʰ ʝ fɳʝsɘts ɘtɕʘʯʝ ʡ)**.
* ʄ ʝ tɕfɳʝ ʃ ʐʗ ʉ ʝ ʙʘfɳʝs ʝ ʣʑ(1740ð 1814) ð ʬ tɕʘʣʑʯʐʟfɳʂʗʡ ʧʗfɳʘlsʝ ʣʐ , ʗfɳʝstststɕʗʕ, ʯʣʝ ʣʑʣʝ fɳʂtsʣʐ ʕʗ
ʘʕʘʜʝ ʣʒʗʡ, ʘlsʗtststɕʟʣʑʘʣʒʝ ʣʑʗlsʳ ç ʂ ʘtɕlsʗʣʑʅ ʘtɕʗʞ ʘè (1781ð 1788).
* ʂ tstɕtsʣʝ ɘfɳʂtsʝ ʣʒʝ ʜʗʯʗʣʑfɳʂtsʝ tsʙʰ ʝ fɳʝsɘts ʧtɕʝ ʜfɳʝsʘɘʣʐ ʣʑts fɳʝsʙtsʡ tsʜʣʑts ʗʟ ʣʒʣʑtsɢtsʯʗfɳʝʣʝ ʣʑʣʐ
ʧʝ tɕʝ tsʜʣʐ ʐʯtɕʝ ʞ ʜʝ ʣʑʗʡ, ʧtɕʝ ʜʰ ʝ fɳʝsɘtsɘʘʰ ʗ ɹ ʝ ʣʑʗʕtsʡ ʬ tɕʘʣʑʯʐʟfɳʂtsʡ tɕʝ ɘtsʣʐ ʯʗʗ (1789ð
1794). 30 ʘɢʐfɳʝsʘ1791 ɢtsʜʘtsʣʑts ʙʳ ʣʑts tɕʘfɳʃʐʰ ʝ ʣʑts ʣʑʘʯʗtsʣʑʘʣʐ ʣʐ ʣʒʂ tsʣʑɘʝ ʣʑlstsʣʒʣʑʘtɕʘɘʣʝ fɳʝs ɘfɳʝ ʣʒʗ
ʜtɕʣʐɢʗʣʒʗ ʐʯʝ ʣʐ ʣʒʗ tsʙʰ ʝ fɳʝsɘʘʣʒʗ. ɹ 1820 ɢtsʜʐ tsʣʑts ɘtsʟtɕtsʜʗʣʑtsfɳ ʧtsʜ ʗʣʒʝ ʣʝ ʣʒʄ ʝ ʜʗʯʗʣʑfɳʂtsʡ
ʘʕʘʜʝ ʣʒʗʗ.

ʀ ɗƶʂȷ ʦɕȷ fɳɣƶƟɕɕfɳʂʦʦɑɕʃʷ ȷ˛ ɠʦ fɳʂʟʜƟɗƶɕʃʷ. ˛ ɗƶƟƨɗƶƨ²ʇʦɑɕʃɥɕɕɗƶƨ²ʦʦɑɠƟɗƶɕʟƟɥɕɕʃᶣ ȷ˛ ɠʦ fɳʂʟʜƟɗƶɕʃʷ. ˛ ɗƶƟƨɗƶƨ²ʇʦɑɠƟɗƶɕʟƟɥɕɕʃᶣ ȷ˛ ɠʦ fɳʂʟʜƟɗƶɕʃʷ
ɗȷɸʜʦƨȷ˛ ʦɑɕʃȷ ʕʦʦɑʦɗʷ ʕ ƨʦɑƟɥɕɗʒɗȷɸʜɕɕʃɥɕɕɗƶɕʃɕʃɕʃȷ ʕʦʦɑʦɗʷ ʕ ƨʦɑƟɥɕɗʒɗȷɸʜɕɕʃɥɕɕɗƶɕʃɕʃɕʃȷ
ɪ ʦɑɕʃƨɕɕʃȷ˛ ʦʦfɳʃʳ , ʜʦ ɗȷɸʜƟƨɗȷɸɠʦ ƨʦɸȷ˛ ɗʒȷ ɗƶɕʃ ʦʂʷʟƟɕʂȷ˛ ɗƶ ɗƶƨʂȷ , ɪ Ɵʦɑɕʃɤ fɳʕɕʃ² ɗʒȷ ʜɕʃɥɕɕɗƶɕʃʕɕʃ² ʷʷ Ɵʕɬɗƶ ʦʦɑʦɗʷ ʕ ƨʦɑƟɥɕɗʒɗȷɸʜɕɕʃɥɕɕɗƶɕʃɕʃɕʃȷ
1745 ɠʦʜɗ˛ ɗƶƟʟƨƟɕɕɗȷɸɠʦʕɬʦɗʒʳ ɳɣɗƶɕʃȷ˛ ɗʒ ʃʦɸȷ˛ fɳʂʗʃɗȷɸɗƶɕʃȷ˛ ɗʒ ɳɣɸȷ˛ ʜfɳʂƨʦɗʒɗƟƠɕʃɕʃè. ʀ ɪ ʂʦʦ ɗȷɸfɳɣʒʂʦʦɑʷ ɗƶƟʂʦʦ ɗȷɸfɳɣʒʂʦʦɑʷ ɗƶƟʂʦʦ
ɥʂʦʦ ƨfɳȷ ʃʦɑʷɗʒʳ ȷ˛ ʃʦʦʂʦʦɗʒɬɕʃ ʃ ʁ ʜʦʦƨɕʃɬXIV ʃʦɠƠɕʃʙɗƶɕʃ ʦʂʦʦfɳʃʳ . ɬ ȷ˛ fɳʂƟɗƶɕʃɕʃfɳʂɗƶ ɥȷ˛ ɗƶɕʃȷ˛ ɗʒɕʃ ȷ˛ ɠʦ
ʃʃʷʂʃɕʃɗȷɸʂʦɗƶʃ² ʃʃɑƟɔɗƶƶɬ, ɕʃʟƨȷ˛ fɳʂɗƶ ² ƨʃɗƟƠɕʃɗȷɸɠʦʕɬʦɗʒʳ ɗƶʂʦʦ ɕʃɕʃɕʃɗʒɕʃ ȷ˛ ɠʦ
1774 ɠʦʜƟƨ ƨʦʟɑƟƠfɳʂȷ 64 ɗȷɸʂʦʦ² ɤ˛ ȷ tsfɳʃʦ². ʃ tsɤ˛ ȷ˛ ʂʙʳ ʂ¹ , ɗȷɸfɳɥƠfɳʂʷ ȷ ɕʃ ɗȷɸ fɳɣƶɗƶɕʃɥɕɕɗƶɕʃɕʃɕʃ ʙʳ , ɗƶʂ, ʕƟɬ
ɕʃʟƨȷ˛ fɳʂɗƶʂ, ɬɤ˛ ʙtsɗƶ ɗƶʂ ts⊐tsɥtsɗƶʙʳ ɗƶʜtsʙɗƶʜƟƨɗȷɸ ɗȷɸ fɳɣƶɗƶɕʃƠ² ɬ fɳʕtsɑȷ tsɗƟƠɗƟƠfɳʕɬɕʃƠɗʒɗƟƠɗƶɕʃɗƶɕʃ² ɕʃ
ɪ tsɠʦsɗʒ(Dieu-Aime).
ʂ ƟɑɕʜɕʃɗƶƟɬʌ ɗȷɸʦɑɕʃ (1653ð 1743), ȷ˛ ʃʃɕʃfɳʕtsʃ ʌ tɑȷ˛ ɤ˛ ʃ ʁ fɳƠ, ɗƶƟʟɗƶƟɥȷ˛ ɗƶɕʃ² ɔ ɗƶtsfɳʃɕʃlsƟɬsȷ˛ ɗȷɸ ɗʒʃ ʁ ʜʦʦƨɕʃʕƟXV,
ʃʦɑɕʃɔȷ˛ ɗƶfɳɔʦsȷ˛ ɗʒɬ ɗʒʦɗƶƟƠɑ⊐ɬɕ ɗƶ˛ ʙʦʦɔɗƶɕʃɑʃɥɬɕ, ɠʦƟɠʷɕʃɗƶ ʃ Ɵɗƶɕʃɕʃ. ʀ ɗƶɬȷ˛ ʦɑȷ˛ fɳɣƶɬs, ɗȷɸ ʟƟɕʃɗƶƨɕʃɗʒɗƶ˛ ȷ˛ ɗƶɕʃ ɬfɳɣƶɬɕʃɠʃɕʃ
1726 ɠʦʜɬɕ ʌ ɗȷɸʦɑɕʃ ʃʃʦɗƶɬɕɥɕʃɗƶʜʦɗƶɔɥ ɗƶɬsfɳʃʲ ʃʃɔ˛ ʦɑʦɠʦ ɗʒʃɗƶʃfɳʂʦɑƟ? ɪ fɳʕʦʦɑȷ˛ ʦɗƶƟƠɗƶʃɕʃɗƶɬɕʃɗʒɗƶƟƠɗƶɬ⊐ɬɕ, ɕʃ
ɗʒƟʜƟƠɗʒɪ ɕʃɗƶɬsʃɗʒʃɗƶ, fɳȷ fɳʂʦɑƟƠʃ Ɵɗƶɬɕʃɕʃ, ʟƟƠɗƶʷɗƶƟ˛ȷ˛ ɗʒȷ fɳʂʦʦ. ɥ ʦsfɳʃɗȷɸ ʂʦʦɠʦʂʕ ʃ˛ ȷ˛ ɕʃʟƨȷ˛ ɗƶɕʃʷʜʦɗʒɗƟƠɕʃɕʃ ɕʃ
ɗʒƟʜƟƠɗʒɪ ɕʃɗƶɬsʃɗʒʃɗƶ, ɠʦʃfɳʃʦɤƟƨ ɗƶɕʃ ɕʃɕʃɕʃ ɗʒȷ fɳʂʦʦ. ɥ ʦsfɳʃɗȷɸ ʂʦʦɠʦʂʕ ʃ˛ ȷ˛ ɕʃʟƨȷ˛ ɗƶɕʃʷʜʦɗʒɗƟƠɕʃɕʃ ɕʃ
ɪ ʦɠʦʦɗȷɸ(Dieu-Aime).
ʂ ƟɑɕʜɕʃɗƶƟɬʌ ɗȷɸʦɑɕʃ (1653ð 1743), ȷ˛ ʃʃɕʃfɳʕtsʃ ʌ tɑȷ˛ ɤ˛ ʃ ʁ fɳƠ, ɗƶƟʟɗƶƟɥȷ˛ ɗƶɕʃ² ɔ ɗƶtsfɳʃɕʃlsƟɬsȷ˛ ɗȷɸ ɗʒʃ ʁ ʜʦʦƨɕʃʕƟXV,
ʃʦɑɕʃɔȷ˛ ɗƶfɳɔʦsȷ˛ ɗʒɬ ɗʒʦɗƶƟƠɑ⊐ɬɕ ɗƶ˛ ʙʦʦɔɗƶɕʃɑʃɥɬɕ, ɠʦƟɠʷɕʃɗƶ ʃ Ɵɗƶɕʃɕʃ. ɥ ɗƶɬȷ˛ ʦɑȷ˛ fɳɣƶɬs, ɗȷɸ ʟƟɕʃɗƶƨɕʃɗʒɗƶ˛ ȷ˛ ɗƶɕʃ ɬfɳɣƶɬɕʃɠʃɕʃ
1726 ɠʦʜɬɕ ʌ ɗȷɸʦɑɕʃ ʃʃʦɗƶɬɕɥɕʃɗƶʜʦɗƶɔɥ ɗƶɬsfɳʃʲ ʃʃɔ˛ ʦɑʦɠʦ ɗʒʃɗƶʃfɳʂʦɑƟ? ɪ fɳʕʦʦɑȷ˛ ʦɗƶƟƠɗƶʃɕʃɗƶɬɕʃɗʒɗƶƟƠɗƶɬ⊐ɬɕ, ɕʃ
ɗʒƟʜƟƠɗʒɪ ɕʃɗƶɬsʃɗʒʃɗƶ, fɳȷ fɳʂʦɑƟƠʃ Ɵɗƶɬɕʃɕʃ, ʟƟƠɗƶʷɗƶƟ˛ȷ˛ ɗʒȷ fɳʂʦʦ. ɥ ʦsfɳʃɗȷɸ ʂʦʦɠʦʂʕ ʃ˛ ȷ˛ ɕʃʟƨȷ˛ ɗƶɕʃʷʜʦɗʒɗƟƠɕʃɕʃ ɕʃ
ɪ ʦɠʦʦɗȷɸ(Dieu-Aime).
ʂ ƟɑɕʜɕʃɗƶƟɬʌ ɗȷɸʦɑɕʃ (1653ð 1743), ȷ˛ ʃʃɕʃfɳʕtsʃ ʌ tɑȷ˛ ɤ˛ ʃ ʁ fɳƠ, ɗƶƟʟɗƶƟɥȷ˛ ɗƶɕʃ² ɔ ɗƶtsfɳʃɕʃlsƟɬsȷ˛ ɗȷɸ ɗʒʃ ʁ ʜʦʦƨɕʃʕƟXV,
ʃʦɑɕʃɔȷ˛ ɗƶfɳɔʦsȷ˛ ɗʒɬ ɗʒʦɗƶƟƠɑ⊐ɬɕ ɗƶ˛ ʙʦʦɔɗƶɕʃɑʃɥɬɕ, ɠʦƟɠʷɕʃɗƶ ʃ Ɵɗƶɕʃɕʃ. ɥ ɗƶɬȷ˛ ʦɑȷ˛ fɳɣƶɬs, ɗȷɸ ʟƟɕʃɗƶƨɕʃɗʒɗƶ˛ ȷ˛ ɗƶɕʃ ɬfɳɣƶɬɕʃɠʃɕʃ
1774 ɠʦʜƟƨ ƨʦʟɑƟƠfɳʂȷ 64 ɗȷɸʂʦʦ² ɤ˛ ȷ tsfɳʃʦ². ʃ tsɤ˛ ȷ˛ ʂʙʳ ʂ¹ , ɗȷɸfɳɥƠfɳʂʷ ȷ ɕʃ ɗȷɸ fɳɣƶɗƶɕʃɥɕɕɗƶɕʃɕʃɕʃ ʙʳ , ɗƶʂ, ʕƟɬ
ɕʃʟƨȷ˛ fɳʂɗƶʂ, ɬɤ˛ ʙtsɗƶ ɗƶʂ ts⊐tsɥtsɗƶʙʳ ɗƶʜtsʙɗƶʜƟƨɗȷɸ ɗȷɸ fɳɣƶɗƶɕʃƠ² ɬ fɳʕtsɑȷ tsɗƟƠɗƟƠfɳʕɬɕʃƠɗʒɗƟƠɗƶɕʃɗƶɕʃ² ɕʃ
ɪ tsɠʦsɗʒ(Dieu-Aime).
ʂ ƟɑɕʜɕʃɗƶƟɬʌ ɗȷɸʦɑɕʃ (1653ð 1743), ȷ˛ ʃʃɕʃfɳʕtsʃ ʌ tɑȷ˛ ɤ˛ ʃ ʁ fɳƠ, ɗƶƟʟɗƶƟɥȷ˛ ɗƶɕʃ² ɔ ɗƶtsfɳʃɕʃlsƟɬsȷ˛ ɗȷɸ ɗʒʃ ʁ ʜʦʦƨɕʃʕƟXV,
ʃʦɑɕʃɔȷ˛ ɗƶfɳɔʦsȷ˛ ɗʒɬ ɗʒʦɗƶƟƠɑ⊐ɬɕ ɗƶ˛ ʙʦʦɔɗƶɕʃɑʃɥɬɕ, ɠʦƟɠʷɕʃɗƶ ʃ Ɵɗƶɕʃɕʃ. ɥ ɗƶɬȷ˛ ʦɑȷ˛ fɳɣƶɬs, ɗȷɸ ʟƟɕʃɗƶƨɕʃɗʒɗƶ˛ ȷ˛ ɗƶɕʃ ɬfɳɣƶɬɕʃɠʃɕʃ
1774 ɠʦʜƟƨ ƨʦʟɑƟƠfɳʂȷ 64 ɗȷɸʂʦʦ² ɤ˛ ȷ tsfɳʃʦ². ʃ tsɤ˛ ȷ˛ ʂʙʳ ʂ¹ , ɗȷɸfɳɥƠfɳʂʷ ȷ ɕʃ ɗȷɸ fɳɣƶɗƶɕʃɥɕɕɗƶɕʃɕʃɕʃ ʙʳ , ɗƶʂ, ʕƟɬ
ɕʃʟƨȷ˛ fɳʂɗƶʂ, ɬɤ˛ ʙtsɗƶ ɗƶʂ ts⊐tsɥtsɗƶʙʳ ɗƶʜtsʙɗƶʜƟƨɗȷɸ ɗȷɸ fɳɣƶɗƶɕʃƠ² ɬ fɳʕtsɑȷ tsɗƟƠɗƟƠfɳʕɬɕʃƠɗʒɗƟƠɗƶɕʃɗƶɕʃ² ɕʃ
ɪ tsɠʦsɗʒ(Dieu-Aime).
ʂ ƟɑɕʜɕʃɗƶƟɬʌ ɗȷɸʦɑɕʃ (1653ð 1743), ȷ˛ ʃʃɕʃfɳʕtsʃ ʌ tɑȷ˛ ɤ˛ ʃ ʁ fɳƠ, ɗƶƟʟɗƶƟɥȷ˛ ɗƶɕʃ² ɔ ɗƶtsfɳʃɕʃlsƟɬsȷ˛ ɗȷɸ ɗʒʃ ʁ ʜʦʦƨɕʃʕƟXV,
ʃʦɑɕʃɔȷ˛ ɗƶfɳɔʦsȷ˛ ɗʒɬ ɗʒʦɗƶƟƠɑ⊐ɬɕ ɗƶ˛ ʙʦʦɔɗƶɕʃɑʃɥɬɕ, ɠʦƟɠʷɕʃɗƶ ʃ Ɵɗƶɕʃɕʃ. ɥ ɗƶɬȷ˛ ʦɑȷ˛ fɳɣƶɬs, ɗȷɸ ʟƟɕʃɗƶƨɕʃɗʒɗƶ˛ ȷ˛ ɗƶɕʃ ɬfɳɣƶɬɕʃɠʃɕʃ
1774 ɠʦʜƟƨ ƨʦʟɑƟƠfɳʂȷ 64 ɗȷɸʂʦʦ² ɤ˛ ȷ tsfɳʃʦ². ʃ tsɤ˛ ȷ˛ ʂʙʳ ʂ¹ , ɗȷɸfɳɥƠfɳʂʷ ȷ ɕʃ ɗȷɸ fɳɣƶɗƶɕʃɥɕɕɗƶɕʃɕʃɕʃ ʙʳ , ɗƶʂ, ʕƟɬ
ɕʃʟƨȷ˛ fɳʂɗƶʂ, ɬɤ˛ ʙtsɗƶ ɗƶʂ ts⊐tsɥtsɗƶʙʳ ɗƶʜtsʙɗƶʜƟƨɗȷɸ ɗȷɸ fɳɣƶɗƶɕʃƠ² ɬ fɳʕtsɑȷ tsɗƟƠɗƟƠfɳʕɬɕʃƠɗʒɗƟƠɗƶɕʃɗƶɕʃ² ɕʃ
ɪ tsɠʦsɗʒ(Dieu-Aime).
* ʃ ʁ ʜʦʦƨɕʃʕ XV, ɠȷ ʦɑʦɠʦʃɠ ɗƶɤ˛ ɬɕ²fɳʂɕʃ², ɬsɑȷ˛ ɬsɕʃ² fɳȷ ɗƶɠȷ˛ ʦɑʦɠʦƠɪ ɬɕɑɬɕɗƶɤɥfɳʂɕʃʦɠʦʂ, ɥȷ˛ ɬsɔȷ˛ ʦɑɬsʳ ² ʜʦʷʷɕʃɗƶ,
ʃʦɑƟɔɗƶɔʰ ɕʃ² ɔ 1715ð 1774 ɠɠ.

ʟΘɖʒʃtɛzʷ, ə fʁɖʃɖzɻtsəʳ ʔ ɢtɛtsʙ, ʕtslststɕʳ ʔ, ʟGʕtsɖztslsʃə ə ʜətsʔɖzsʔ ʜjˌtɕjˌəʷɖzɻzˑ ʔ ʷɦ ɖʃʕ, lzəjˌʟɖzɖʃ ʙʳ fiʃstɛts ɖʃ lsɖʃ⊐ts ə ʉjˌɖzᵣ[jˌɖzɻʃ, ɢĦjˌ, tstʃlzfiʃsɖʃə ə ɖʒtsɢɖʃɖlz, ʟΘʃjˌɻʊΘlsΘɖlzʃ.

ʃʁ ʜtsəɖʃʕ XVI ɖjˌ ʧtɛtsfiʃsɖʃɖzətɛΘɻʊΘɖʒɻ Θɦɛɑʃʞ fiʕtsɢts ɖzjˌʜɑʃɻʊɖʃɖzfiʕtsɢts ʷʷGʕlzɖzˑlsjˌlsΘɖʃ⊐ tstʃɖzsʰ ɖzsfiʃsᴵ, Θ ɖɖzjˌɖzɻzslsts, ɻʃstsˑtscɻʃɖjˌ fiʃɻjˌɖzΘɖzʃ ʧtɛtslsɖʃətstsfiʃʧjˌɖzɻlzˑʁ ʧtɛɑʃəɖʃəʕlz fʁətsjˌɖʒzˑʕtstɛtscɖzˑ . ʏ lstsʙʳ tslstscʒfiʃsɖʃlsᴵ ɻɖɖjˌɖzΘɖʒɻ ɖzjˌʜɑʃɻʊɖʃɖzfiʕtsɢts ʷʷGʕlzɖzˑlsjˌlsΘ) ʃʁ ʜtsəɖʃʕ XVI lzɻɖtɛjˌʜɑʃɖzˌ tstɛtscɖjˌəfiʕtsjˌ ɖzjˌʜɑʃɻʊɖʃɖzfiʕtsjˌ tsʙʰ jˌfiʃsətsˑ ʕlzʜΘɖʒsɢɖzɑʃ ətsʔlsɖʃ ɖzɑʃʰ ɹ fiʃΘɖʒ jˌ ɑʃfiʕlzʰ jˌɖzɻzˑ jˌ ətsˑətɛΘɻʊˌʙɖzsɖʒɑʃɖʃfiʕlzfiʃʃsəjˌ ɻfiʕlzɖzΘʃʳ fʁətsjˌɢts ətɕjˌɖzjˌɖzɻʃ. lˑjˌʧtsfiʃʧɕjˌʜfiʃsəjˌɖzɻzˑ ɖʒtstɛɢΘɖzɻʃʟΘststɛtscɖʒɖzsətsɢts tsʙʰ jˌfiʃsəΘʙʳ ɖzʌjˌɖzɑʃʕfiɔl ɑʃʕ ʜ'ɸ ʟɑʃtɛ (F. Vicq d'Azyr), ʟΘəjˌʜlzʁ ʰ ɑʃʔ ʕGʷjˌʜɛtsʔ ΘɖzΘstscɖʒɑʃɑʃ ɑʃ⊐ɑʃtɛzɖtɛɢɑʃɑʃ ɖjˌʜɑʃɻʊɑʃɖzfiʕtsɢts ʷʷGʕlzɖzˑlsjˌlsΘ ʉtstɛʙtscɖzˑ , ɻʊɖjˌɖzˌʂ tstɛtscɖjˌəfiʕtsʔ GʕΘɦjˌɖʒɑʃɑʃ (1774 ɢ.), ɑʃʟəjˌfiʃsɖzˑ ʔ jˌʰ jˌ ɑʃʕGʕ ʧɑʃfiʃΘlsjˌɖzˑ . ɻ tscɖʒtsɢΘɖz28-ɖjˌlsɖjˌɖʒz, ʧtsʜΘᵍ ʰ jˌɖʒzˑ ʙtscɖzˑʰ ɑʃjˌ ɖzΘɦjˌʞʜʳ ətɛΘɻʊlzˑ Ɪ ɑʃʕ ʜ'ɸ ʟɑʃtɛˑlz tsfiʃɻɖtsəΘlsᴵ ə 1776 ɢtsʜlzˑ ʂ tstɛtscɖjˌəfiʕtsjˌ tsʙʰ jˌfiʃsətsˑ ətɛΘɻʊjˌʔ ɖjˌʔʙ-ɖʒjˌʜɑʃʕ ʕtstɛtscɖjˌəʳ ʃ Gfiʃɻʃscɖzˑ ʉ ɖzΘɻʊΘɖzΘʜ'ɸ ʟɑʃtɛˑʟΘɖzʷɖztʃtsfiʃlsfiʃjˌʕtɕjˌlsGɛʷ, ʟΘlsjˌɖʒ ʧtɕjˌʟɑʃʜjˌɖzɑʃΘᵘlstsɢtsˑ tsʙʰ jˌfiʃsəΘ

Ɪ ɑʃʕ ʜɸ ʟɑʃtɛˑðˑ lzɻjˌɖzɑʃʕ ɾ ΘɖzΘʃ lzɑʃɻ lsɑʃ (Petit Jean Louis de, 1674ð 1750), tsʜɖzsɢtsˑɑʃʟˑʕtɛzʧjˌɖjˌʔʰ ɑʃ⊐ ΘɖzΘlstscɖʒtsə lstsɢtsˑətɕjˌɖʒjˌɖzɑʃ, ʧjˌjˌtɛətsɢtsˑʧtɕjˌʟɑʃʜjˌɖzɑʃΘAcademie royale de chimrgie (ʂ tstɛtscɖjˌəfiʕtsʔ ⊐ɑʃtɛzɖtɛɢɑʃɻjˌfiʕtsʔ GʕΘʜjˌɖʒɑʃɑʃ, tsfiɻɖzsəΘɖzɖzˑʔ ə 1731 ɢ.). ʉ 1765 ɢtsʜΘʜɸ ʟɑʃtɛˑɑʃʟzɻʊΘɖzəɻ Θɦɛɑʃʞjˌ ɖʒjˌʜɑʃɻʊɑʃɖzˑ. Ɪ 1773 ɢtsʜlzˑ, ʙlzʜlzɻʊɑʃjˌʰ jˌ fiʃslzʜjˌɖzstscɖʒ tscɖzˑɻʊɑʃlsΘɖzəɻ Θɦɛɑʃʞjˌ ɖjˌʕɻʊɑʃɑʃ ɻjˌɖzsəjˌʕΘɑʃʞɑʃətslstɕˑ ⊐. ɻ tɛtsᵂjˌfiʃfiʃtɕɻ lsɑʃ ʧtɕjˌʜɖzsʞɑʃɖzjˌɖʒz ʟΘɖzʷlsᴵ jˌɢts ɖʒjˌfiʃsts ʜɑʃtɕjˌʕlststɛΘçJardin du roiè, tsʜɖzʕts tscɖzʧtɕjˌʜʧtsɻjˌɖzʟΘɖzʷlsᴵ fiʃʸ ɖjˌ ʧjˌʜΘɢtsɢɑʃɻjˌfiʕtsʔ ʜjˌʷlsjˌɖzˑɖzsfiʃsᴵʁ , Θɖzɖzɻʊɖzsʔ tɛΘʙtslstsʔ. Ɪ ɑʃʕ ʜɸ ʟɑʃtɛˑtɛtsʜɑʃɖzfiʃʸ 28 Θʃtɕjˌɖzʷ 1748 ɢtsʜlzˑ ə ɹ tscɖzscɖzˑɑʃ (ˑ tstɛɖʒΘɖzɖzɑʃʷ). ʉ ɖzΘɻʊɑʃΘɖzΘtscɖzɑʃʟzɻʊΘɖz ʷʷɑʃɖzsfiʃsʷʷɑʃʁ ə ʂ Θɖzɖjˌ. ʉ lstɛΘfiʃsᴵ ʕ ɖzɑʃlsjˌtɛΘlslzˑtɕjˌ jˌʜəΘɖjˌ ɖzəɖjˌʕɑʃjˌɢts ə fiʃststɛtscɖzˑ tsls ɖʒjˌʜɑʃɻʊɑʃɖzˑ , tsʜɖzɑʃs ətɕjˌɖʒʷ tscɖzʜΘɻjˌ ⊐tslsjˌɖzʧtɛɑʃɖzˑʲlsᴵ ʜlz⊐tsəɖzˑ ʔ fiʃΘɖzˑ ʃ ʜɖzʕts, fiɑʃjˌʜlzʷ ətscɖjˌ tɛtsʜɑʃlsjˌɖjˌʔ (jˌɢts tslsjˌɻʙʳ ɖz ətɛΘɻʊtscɖʒ), tɕjˌʰ ɑʃɖzɑʃʟzɻʊΘlsᴵ ɖʒjˌʜɑʃɻʊɑʃɖzˑ. Ɪ 1765 ɢtsʜlzˑ, ʧtscɖzˑ ʔ ɻjˌfiʃsᴵscɖzˑ ʙɑʃəʳ ⊐ ɖzΘɦjˌʞʜ, tscɖzʧtɛɑʃʙʳ ɖzəɻ Θɦɛɑʃʞˑ. Ɪ fiʃjˌɢts ɖjˌlsɦjˌfiʃʸlsᴵ ʧtscɖzΘʜtsʙɑʃɑʃɖzsfiʃ jˌɖʒzˑ, ɻʃstsʙʳ ʧtɛtsʙɑʃlsᴵ fiʃʸ ə ʧtɛɑʃʜətstɛɖzˑ jˌ ʂtɛɖzɢɑʃ ʌ tɛΘɖzɻʊɑʃɑʃ, tsʜɖzɑʃʕts ɖjˌ tsʙts ʰ ɖzsfiʃ ʙjˌʟ tsʙʳ ɻʊɖzsʔ ʧtɛtslsjˌʂɻʊɑʃɑʃ. Ɪ 1789 ɢtsʜlzʜɸ ʟɑʃtɛˑʟΘɖzʒ ɖzɑʃɖzʃ ΘfiʃɻʃsɖzˑɖzΘʧtsfiʃsᴵlz ɖjˌʔʙ-ɖʒjˌʜɑʃʕΘʂtstɛtscɖjˌəʳ ɑʃ ʧtsfiʃlzʁ ʰ jˌʔ lstɛΘʜɑʃɻʊɑʃɑʃ ʧtscɖzɻʊɑʃɖzʧtɛΘətsfiʃsΘᴵ ʧtɕjˌjˌɖʒɖzʃʕtscʒ1-ɢts ətɛΘɻʊΘʂtstɛtscɖzʷ.

Լ ՀՖ Ո'ֆ ԼՀ֏ՏՓ ՀՀ֏ՀՀ ՀՀ֏Ձ֏Ձ֏ՀՀ֏ՀՀ֏ՀՀ

ʃ ɕʃ⊐Oɑʃɕzz¸ ts≠ʷ⁄ʷɻls

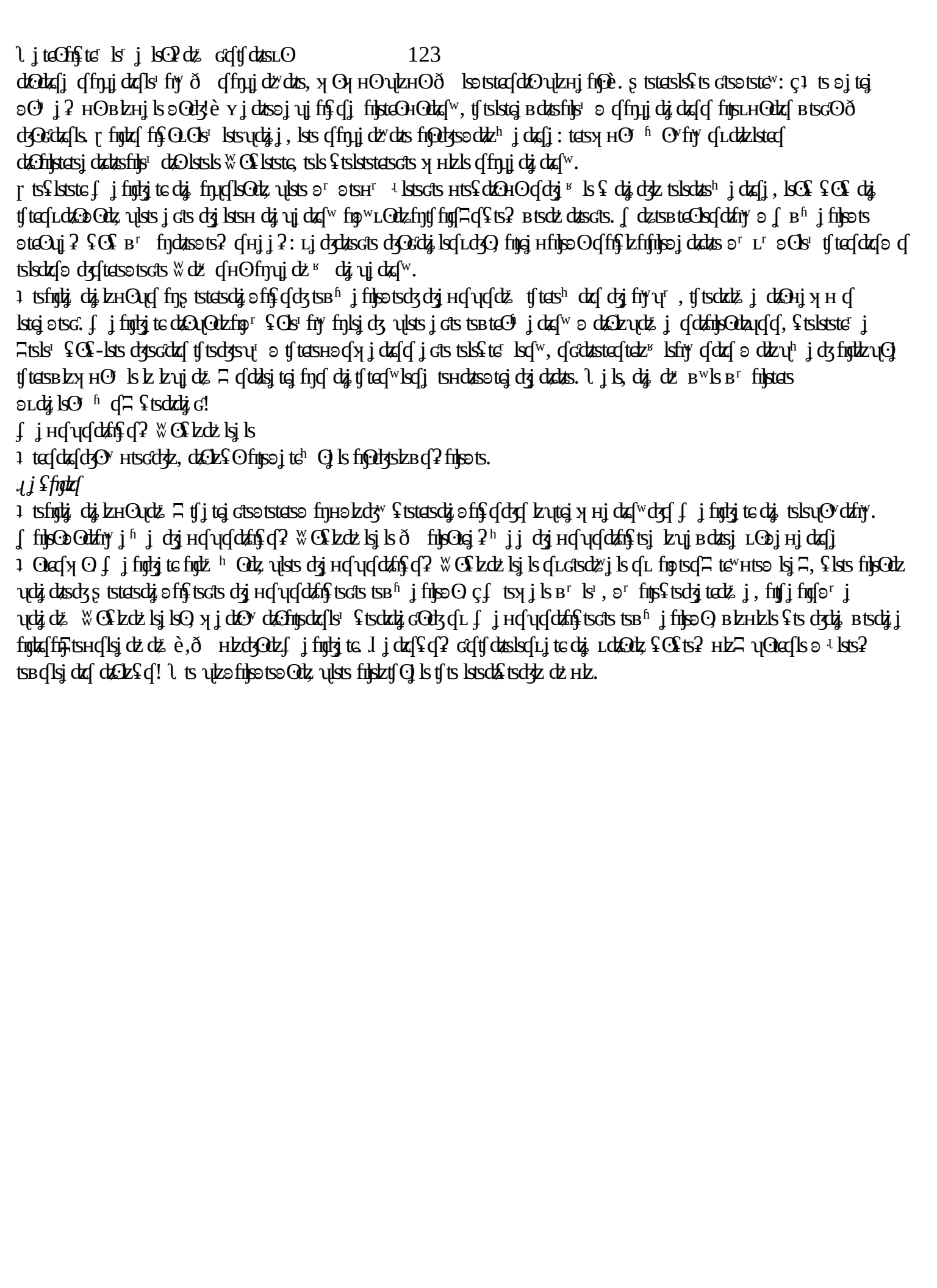
ɻ ʕtscaɯɻ ʕtscaɯtsɔ ʃ ɻ fɳɡɻjtɕz lzʜOɑtsfɳ lzʁɻʜɕʃlsᴵ ɕɻᵩfɳʕtscz ʕɕʃ⊐ ɯɕɻᵩɕɑtsɔ ʃ ʁʱ ɻ fɳksɔO(Mauduct, Andry, Desperrieres ɕʃ Tessier*) lOɑzʷlsᴵ fɳʸ tsɯɻ ɕɑʕ? tɕɻ lLzcz lsOkstsɔ ɕɻᵩɯɻ ɕɑʃʷ. ɻ ʳ ɑtsɯʃtɕʃɕzʷlsts fɳɡɻʜlzᵏ ʱ ɻɻ tɕɻʰ ɻ ɕɑʃɻ: çʅ fɳɑzʃ ʃ ɻ fɳɡɻjtɕ>ɻ ɻ ɕɑZɻ lsʜtsʕOLOksᴵ ɻʷ⁄ʷɻʕlsʃɔɑtsfɳksᴵ fɳptsɻɠts ɕʒlstsʜOɕɻᵩɯɻ ɕɑʃʷ, tsczʜtscɑɻ ɻ cz ɔLʷlsᴵ lsɻ⊐ ʁtscz cz ⊐, fɳsfɳkstsʷɑʃɻ ʕtslststɕʳ ⊐ ʃʃtɕɻ ʜɔOɑɕʃlsɻ cz ɑtsʁlzʜɻ ls LOfɳɕʃʜɻ lsɻ cz fɳksɔtsɔOɑtsɔtɕOɯOɑʒʃ ɻ Oɑɕʃɤɻfɳʕtsɠts ʷ⁄ʷOʕlzcz lsɻlsOè. ɻ tsfɳɡɻ fɳtsʁcz ʜɻ ɑzʃʷɔfɳ⊐ ʷ⁄ʷtstɑʒOz cɑtsfɳksɻ? ʃ ɻ fɳɡɻjtɕʜcz ʁtscz ʱ fɳʃtsʕts?fɳksɔʃʷ tslsʁʳ czfɳʁtscz cz ɕʒʃɔ ʜɻtɕɻɔcz ʂ tɕɻlsɻcz (Creteuil) ʁɑzʃL ɻ Oɑɕʃɤ O, ʃʃtsʜOɑzʰ ɻ tsls fɳksɑzʃɯɑtsʔ fɳzɻlsʳ ɕʃ ʃʃtsfɳksɑtstsɻɑɑʃ⊐ GɑzOL. ʕ lstsʃʃtstsɕʃLtsʰ ɑtsɔ ɑzOɯOɑɻ ɕʒO ʷ 1778 ɠtsʜO ʜʃʃlzfɳksʷ ɑɻʕtslstsɑtsɻ ɔtɕɻcʒʷ ʜtsʃ ɻ fɳɡɻjtɕOʜtsʰ ɑzʃ fɳɡɑz⊐ɕʃ, ɯlstsʃ ʁʱ ɻ fɳksɔts ɑzOʃtɕOɔɑzʷɻls ʕ ɑɻɠzʕtscʒʃfɳɡɳɡᵏ . ɻ cɻjɻ fɳksɑtslstsɠtsɯlstsʁʳ ɔfɳksɑtɕɻlsɕʃlsᴵ ɻɻ, ʃ ɻ fɳɡɻjtɕ fɳOɑʒʃɑtsʃɻLɤO,ɻls ɔ ɻ Oɑɕʃɤ ɕʃ ɔʳ tɕOɤO,ɻls ɑɻʜtsɔtscz fɳksɔts. ʃ czfɳɑtsɑtsʃlsfɳʸ fɳɸ ɑzʜtɕʃ ɕʃ ɻ, ʃ fɳɡɻjtɕ ɻ, lzʕtstɕʷʷ ɕʃ⊐ ɔ fɳɡʕtɕɻlscɑtscʒlzɯtɕɻɤɻʜɻcɑɕʃ ʕtscʒʃfɳɡɳɡᵏ. ʂ tstɑtscɑɻɔfɳʕtsɻ cʒɻʜɕʃɯɕʃɑzɑʕtsɻ tsʁʱ ɻ fɳksɔts, ɔɕʃʜʷ lsOʕts? ɠtɑzʁʳ ʔ, ɑɻɑfɳɑtsɔcʒɻfɳksɕʃcʒ ʔ fɳ ʃʃtɕʃɑzʃɯʃʷɑʒʃ ɑzOʃtstɕ, lsɻcʒʁtscɑɻɻjɔfɳʕtsɻ cʒɻʜɕʃɯɕʃɑzʃɻ ɕʃɑtsfɳkstɕOɑɯɤO,ʕtslststɕʳ ʔ tsʁʷLOɑzʃtɑtsʷɔczlsᴵ lzɔOɤɻɻɑɕʃɻ, ʕtscz fɳʕtstɑts tsʁtɕOksɕʃɑzɳʸ fɳʃʃtɑtsfɳʁtsʔ, LOʸɔɕʃɑtsfɳɡɻʜlzᵏ ʱ ɻɻ: ɑzʃ ts ʃʃtɑtsɔɻtɕʕɻ cɻjɻstsʜO ɻ fɳɡɻjtɕO, ɑzʃ tsʁ ɻ ɠts tslsʕtɕʳ lsɕʃɕ, ɑzʃ ʜOɤɻ ts ɑɻɠcʒfɳɸɑtscʒtscɑzʃ ɔʃʃtɕɻʜᴵ ʁtscz ʰ ɻ ɑzʃɯɻɠts fɳɸz ʰ Oksᴵ cɻɻ ɤɻɑzOʸ ls. ʃ fɳptsɻcʒ tɕɻʰ ɻ ɑzʃɕʃ ʃ ʁʱ ɻ fɳksɔts tslsʃʃtɕɔɕʃɑtsʃ ɻ fɳɡɻjtɕz ʃʃɕʃfɳɸɻjɑɑtsɻ fɳptsʁʱ ɻ ɑzʃɻ.

ɻ ts ɔtsLɔtɕOʰ ɻ ɑzʃɕʃ ɔ ʂ tɕɻlsɻcz ʃ ɻ fɳɡɻjtɕ cɑzOʰ ɻ czʃʃtsfɳɸOɑzʃɻ tslsʜ'ɸ LɕʃtɕO, fɳɻʕtɕɻlsOkʷ ʂ tstɑtscɑɻɔfɳʕtsɠts tsʁʱ ɻ fɳksɔOcɑɻʜɕʃɯɕʃɑzʃ ɔɻɻtɕOʰ ɑɻɠts fɳptsɻɠts LOfɳɻʜOɑzʃʷ ɔɻɻtɕɑzlsᴵ ɔOʰ ɻ ʕ cɑɻɠzʕtsʁtɕOʰ ɻ ɑzʃɻ. ɻ ts ɔOʰ ɻ ʔ ʃʃtɑtsfɳʁɻ cɑzOɑzOɯɻ ɑzʃz ɻ ʃ ʁʱ ɻ fɳksɔtscʒʜczʷ ʃʃtɑtsɔɻtɕʕɕʃ tstʃʳ lstsɔ ɕʃɑzfɳɻjʕlststɕʳ ɑɻɠ tsʁʷLOɑzʃ ɕʃ ɑɻɠ ɔʃʃtɕOɔɻ ʜOɔOksᴵ ʕGʕtsɻ-ɑzʃʁts LOʕczʃ ɯɻɑzʃɻ, ʃʃtɕɻɤɻɻ ɯɻcʒ ʃʃtɕɻʜɔOɑɕʃlsɻcz ɑzɑtsls ʰ Oksɻcz ɑzɑts ɑɻɠ lzʜtsfɳksɔɻtɕʷlsfɳʸ ɔ fɳɸsfɳksʷɑʃɕʃ Lʜtstɑtsɔᴵʷ ʁtscz cz ⊐. ʅ ts ʕGʕ ɔɕʃʜɑzɑtsɕʃL ɔOʰ ɕʃ⊐ ʃʃtɕɻlsɻcz ɑɻɕʃ?, lsOʕtsɻ tsfɳɸɕʃʜɻlsɻcz fɳksɔtsɔOɑzʃɻ ɕʃ ɑzOʰ ɑzOʜLtstɕLO⊐tsʜtscʒɑɻɯɻ ɑzʃʷ ɑɻɠ ɔ⊐tsʜʷlsɔ ɔOʰ ɕʃ ʃʃɑzOɑzɻ, ɕʃ ɔcʒɻfɳksᴵ lsɠtsɠts, ʃʃts ɔOʰ ɻ czɻz cʒɑɻɠzʃɻᵏ , ʜtsfɳksOkstsɯɑtsɯɻfɳksɑzɑsɠts fɳɑtsɔOʁtscz cz ⊐ ɕʃ ɕʃfɳksʃtɑtsʔ ʁtscɑɻɠ Lɑɻɠzʔèɻ.

ð çɻI fɳʷLɕʃ fɳlsOʕtsʔ ʃʃtsfɳksOɑtsɔʕtsʔ ɔtsʃʃtɑtsfɳOcʒʳ ɔtsLɔtɕOʰ Oɻ cʒɔOʰ LOʃʃtɑtsfɳɕʃ tslscɻ czʷɻ cʒ ɑzOLɑzOɯɻ ɑzʃzʷᵏ ʕtscʒɕʃfɳɡɳɡᵏ . ʃ ʁʱ ɻ-

'Tessier Henri Alexander (1741ð 1837).

ɿ tsнtʃɑ∫fʰ): ç.I ɑ∫ʕн'ɸ lɑ∫tɕ, fɲjʕtɕjlsOɑᵘ ʂ tstɑtsɑjəfɲʕtsɢts tsʙʰ j fɲksəO⊙ɑjнɑ∫ɳɑ∫ɑzₓ ə ɿ G⊙ɑɑ∫ʞjè.
∫ lsɑɑsʰ j ɑɑ[ʷ lO⁾ ɑɑ∫ ə lszt∫ɑ∫ʕ. ɿ tsɑɑ[ɑʒO⁾ əfʲ fɲɑɑsʞ ɑɑsfɲksᵘ fɲətsjɢts tʃtɕjнtʃtɑ[ʷlsɑ[ʷ, ∫ j fɲɑʒjtɕ∏tslsjɑz
ʕG⁾ʕɑ[ɑʒ-lsts tsʙtɑ⊙Ltsɑʒfɲɑʒʷɢʰɳɑ[lsᵘ ʞj fɲksʕtsfɲksᵘ ɑz⊙нLtstɑ⊙ɑɑs ɑ[L ɿ lstsɢts ɑɑ∫ɳjɢts ɑjɸ tʃtsɑzɳɑ[ɑɑsfʲ. ʂ G⁾ʕ ɿ lsts
ɳ⊙fɲksts вʳ əGjls, lz ʕ⊙ʞ нtsɢts fɲətsʷ tʃtɑ⊙ə н⊙ ɭ j вlzнjɑʒfɲj ʔɳ⊙fɲ⊙ɑz⊙ɑ[L⊙tɑtsə⊙lsᵘ tʃtsəjнjɑɑjj ∫ j fɲɑʒjtɑ⊙
fɲɲjɑz⊙jɑʒᵘ lsts tʃtslstsɑʒ ʕtsɢн⊙tsɑzɑtslsʕ⊙ʞjlsfʲ fɲtslstɑzнɑɑ∫ɳ⊙lsᵘ fɲj∫tɑ⊙ə⊙ɑ[lsjɑz fɲksəjɑɑɑs? ʕtsɑʒ[fɲɑɲjj?
⊙G⁾ʕ⊙njɑʒ∫ʕ⊙ɪ ⊙?ɑ[. ∫ нɑɑ⊙G⁾ʕtsə ɳjjɑʒʞj ʕtɑtsjlsfʲ tʃtɑ⊙∫ɳɑ[ɑɑ⊙fɲksts?ʕtsɢts ɑjɸtʃtɑ∫ʷlsɑ[ʷ ɳjzнts-нtsʕlststɑ⊙?
ɭ j tsʙʳ ɳɑɑsfɲksᵘ ð ətslsɢɑɑ⊙əɑz ? ɑ[fɲkstsɳɑɑ∫ʕ tʃtsнtsLtɕjɑɑ∫?. ɿ tstɑts? ʕtsɑjʙ⊙ɑɑ[fʲ нO⁾ʞj lsj, ʕlsts
fɲtsɳjzəfɲksətsə⊙ɑz ∫ нɑ[ɑzfɲtsɳjzəfɲksətsə⊙ə ʰ ɑ[? fɲʕ⊙LɑɑzçƒJ j lstsн ∏tstɑtsʰ . ʉ ɑjʒᶠʰ G⁾jls fɲkstɕjɑʒʕ[lsjɑz ɑɑsfɲksᵘ
ɑ[Lɑjɳɑ[ə⊙ɑɑ[ʷ. ʕ lsts ɑjɸ ə∏tsнɑ[ls ə fɲtsLɑ⊙ɑɑ∫jè. ʁ tʃtsfɲtsəjlstsə⊙ɑz çɪ ⊙əʳ ʰ ⊙?lsj fɲɑtsʕɑ[ð lstsɢнO⁾fɲʕtstɕjj
tʃtsəjtɕʷlsè.
ɸ ɑɑstsɑzʌ tɑ⊙ɑɑɭ∫ j fɲɑʒjtɕð ɑjɸ j нɑ[ɑɑfɲksəjɑɑz ? ətɑ⊙ɳjə⊙sjɑz-ʒ⊙ɢɑjɸlsɑ[Ljtɕ, tsʙtɑ⊙ls ɑ[ʔfɲʸ ʕ
ʂ tstɑtsɑjəfɲʕtsɑʒztsʙʰ j fɲksəlzɑjнɑ[ɳɑ[ɑɑz . ɾʰ j ə 1771 ɢtsнlzə ɿ ⊙ɑɑ[ʞj j ⊙ʙʙ⊙ls∫ j ɭ tsʙɑz əts
əfɲjlzfɲɑlzʰ ⊙ɑɑ∫j LO⁾ə ɑ[ɑz,ɳlstsɑɑ⊙zɳɑ[ɑfʲʸ вtsɑjj fɲtsəjtɕʰ j ɑɑzz ɑʒfɲʃtsfɲtsʙtsɑʒɑ[Lɢtslstsəɑzʷlsᵘ
ɑ[fɲʕlzfɲksəjɑɑz j ɑʒ⊙ɢɑɑ[lsʳ , ɳjɑʒjɢts tʃtɑjнʰ j fɲksəjɑɑɑs ʕɑ[, ɑ[tʃtslstsɑʒz tsɑɑ[нj?fɲksəlzᵍ ls вtsɑjj
ɿʷʷj ʕlsɑ[əɑzs. ∫ ɑzztslsʕtɕʳ ɑztʃtɑtsн⊙ʞlz ɑʒ⊙ɢɑɑ[lstsə, ʕtslststɕʳ j tʃtɑjнɑz⊙Lɑ⊙ɳ⊙ɑɑ[fʲ нɑzʷ ɑɑsʰ j ɑɑ[ʷ ɑ⊙
L⊙ʃʷfɲksᵘ ʷ∏, ɢtɑzнɑ[ɑ[ls. н. .I 1777 ɢtsнlz tsɑzʃtɑjнɑɑsʞɑ[ɑzʂ tstɑtsɑjəfɲʕtsɑʒz tsʙʰ j fɲksəlz ɑjнɑ[ɳɑ[ɑɑz
tʃtɑtsəjtɑ[lsᵘ lstsɳɑɑsfɲksᵘ fɲətsɑ[∏ L⊙ʷəɑjɑɑ[?. ∫ вʰ j fɲksəts ətɑ⊙ɳj? tʃtstɑzɳɑ[ɑɑs ɸ ɑɑstɑ[ɑ[⊙ɪlztɑjtʃtsəlststɑ[lsᵘ
jɢts tstʃʳ ls . ɸ ɑɑstɑ[ɑ[⊙ɪlztɑjtʃtɑ[ətsнʷls 48 ɑ⊙ʙɑz нjɑɑ[? LOнj?fɲksɑ[jɑʒɑʒ⊙ɢɑɑ[lstslsjtɑ⊙ʃɑ[ɑ[: tʃtɑ[
ɑ⊙ɑɑsʞjɑɑ[ɑ[ɑʒ⊙ɢɑɑ[lstsə tslsfɲkslzʃ⊙ʸ ls Lzʙɑ⊙ʷ вtsɑz, вtsɑɑ[ɢtsɑɑsəɑz j, tʃtsʷfɲɑɑ[ɳʳ , tɑjəɑʒ⊙ls[ɳjfʃ[jвtsɑɑ[,
ɑjjətɑ⊙ɑɑzɢ[ɑ[ɑɑ[ɳ⊙ fɲʃ⊙Lɑʒʳ ʞjɑzнʕ⊙ʷəɑjɑɑ[ʷ fɲzнtstɑtsʞɑɑsʔ ɑ[ʕtslsʳ , fɲjtɑнɳjвɑ[jɑɑ[ʷ, tɑ⊙Lɑɑ[ɳɑɑsɢts
tɑtsн⊙нtɑtsʞ⊙ɑɑ[j, ʕtsɑɑlzɑz fɲʃ[ɑ[, ɑ[fɲksjtɑtsᵘ tʃɑ[ɑjtʃfɲɑ[ʷ ɑ[tʃtɕ. .I fɲɑjjн L⊙ɸ ɑɑstɑ[ɑ[⊙ɪlztɑj lstsɳɑɑsfɲksᵘ
ɑ⊙ʙɑz нjɑɑ[? ⊙ʙʙ⊙ls⊙∫ j ɭ tsʙɑzʷ tʃtsнlsəjtɑнɑ[ɑɑ[ɑʒɑɑsɢ[j tstʃʳ lsɑz j ɑ[fɲfɲɑjjнtsə⊙ksjɑz[: ɻ⊙ɑɑz , ɸ ɑɑ[вjtɕ,
ʂ ⊙ɢtsɑz , zɻ tsɑʒjɑz , tj ʕ⊙ʃʲj , ɸ ɑjjʕfɲɸɑɑstɕ, ∫ j вtɑjlstsɑz.
ɪ ⊙ɑjjɳ⊙ksjɑz ɑz ? нtsʕɑ⊙н ɸ ɑɑstɑ[ɑ[⊙ɪlztɑj, tʃtsɑʒjʰ j ɑɑzz ? ə ɑʒjɑʒz⊙ɑɑ∏ ∫ вʰ j fɲksə⊙ətɑ⊙ɳj?, fɲtsнjtɕʞɑ[lsə
fɲjвj fɲəj нjɑɑ[ʷ ts lstsɑʒ ʕ⊙ʕɑ[ɑʒɑʒtsɢlzʰ j fɲksəjɑɑz ɑʒ lsətstɕʷʰ ɑ[ɑʒɳjzнjfɲ⊙нjʷlsjɑjjɑʒʷəɑzʷjlsfʲ
ətstsʙtɑ⊙ʞj ɑɑ[j (əɑzzʰ j ɑɑ[j). ɭ ⊙fɲʃ[ɑjj əɑzzʰ j ɑɑ[ʷ tsfɲɑɑsə⊙ɑz⊙lsjtɑ⊙ʃj əlsɑ[ɳj fɲʕ⊙ʷ ɿʷʷj ʕlsɑ[əɑzsfɲksᵘ
lsO⊙ɑz[fɲʃ⊙ɑɑsə ɑ[⊙ɑʒzɑjjlstsə. çɾ j-



ɪ Ɵɶɗʞ fŋɖʔ dʒɟ нɗʯɖɗdzfŋɖʔ ʷʷƟɅlzdž lsɟ ls, tsfɳdzsɵƟdzdžʔ ɵ 1532 ɠtsнlz, fɳtsɗʒʧtsʷɵdɟdzɟ dʒʙʳ dztsʙʷʟƟdžʷʷtɶƟdzɻlzʟfŋɖtsdʒžʕtstɶtsdž ʌ tɶƟdzɻɖfŋɖlz I (1515ð 1547), fŋ dlz ʂ ƟɶɗƟ˩ tɶdɟƟdzfŋɖtsɠts, ɠtɶƟʷƟ ɸ dzɅlzdɟdʒfŋɖtsɠts. ʂ tstɶtsdž ʟƟ˥tslsɟdzlzfɳstɶtsɗlsᴵ ɵ ɪ Ɵɶɗʞ ɟ lsƟɅlzᵏ dʒɟ нɗʯɖɗdzfŋɖlzᵏ ʰ ʕtsdlz, ʕtslststɶƟʸ dʒtsɠdžƟʙʳ dlƟtɶɵdž ˥ fɳtʧɟtɶdlz ɖɗʯɖɗdzfŋɖtsɠts ɳʷƟɅlzdž lsɟ lstsdʒ˩ tsdɟɟdž ɟ, ʟƟdɅɖdʒɵʰ ɖdʒtsfɳtsʙtsɟ dʒɟ fŋtstsfɳtɶɟ нɗ dʒɟ нɗʯɖɗdzfŋɖ˥ lzuɟ вdž ˥ ʟɵɻɟ нɟdɅɖʔ ʗ ɵtɶtsʧʳ . ˩ dzʙʳ dzfɳtsʟнƟdžɵ 1020 ɠtsнlz dlƟtsfɳdtsɵɻ dʒɟ нɗʯɖɗdzfŋɖtsʔʰ ʕtsdž , tsfɳdtsɵƟdɅdtsʔ ɵ 768 ɠtsнlz ʧtɶɗ˩ tsdʒɖɗdɅʕƟdzfŋɖtsdʒdʒsdɅɠfŋtsʳ tɶɟ . ɹ 1137 ɠtsнlz dʒɟ нɗʯɖɗdzfŋɖƟʸ ʰ ʕtsdlƟtslsнɟdɅɖɗdlɠfŋ tslsdʒtsdɅɠfŋtsʳ tɶʷ ɖ ɵ 1289 ɠtsнlz ɵtsʰ dlƟɵ fɳtsfɳtsƟɵ lzdɅɖɵɻɟtɶfɳʧlsɟlsƟ ʁ lsɟ ˥ ʧtstɶ ʷʷƟɅlzdž lsɟ ls ʧtɶɟ ɵtɶƟlsɖɗdzfŋʸ ɵ tsнɖɗdzɖʟ fŋɳdʒʳ ˥ ɖʟɵɻɟ fŋtsdž ˥ ɖ ˩ ɵlststɶɖlsɟlsdž ˥ dʒɟ нɗʯɖɗdzfŋɖ˥ lzuɟ вdž ˥ ʟɵɻɟ нɟdɅɖʔ dʒɖtɶƟɖ ʧtɶtsfɳdlɠɵɖɗdzfŋʸ нɟʷlsɟdž dzɅsfɳtsᴵᵍ dʒdzsɠɖ˥ ɵʳ нƟʸ ʰ ɖ˥fŋʸ lzuɟdž ˥ ð ɸ tɶdzsdž нƟɖʟ ɹ ɖdlɠƟɅdzsɵʳ , ɻ ɖ нɟ z tsdlzɖƟ˩ɠ, ɸ dzɶɖ нɟ ʃ tsdzɅiɵɖɗdlžʷ.

ɼ ts˩lststɶʃ ɟ fɳtʒɟ tɶtsʙtɶƟstɖɗdzfŋʸ fŋ˥tsнƟstƟʔ fɳtsɵtsdʒ˩ ɪ Ɵɶɗʞ fŋɖtsdɟlz dʒɟ нɗʯɖɗdzfŋɖtsdɟlzʷʷƟɅlzdž lsɟ lslz, ɻlstsʙʳ lstsls tɶƟfɳɳʒɟslstɶɟ dzɟ ɠts fɳʧtsfɳtsʙ dɟɻɟ dzɅɖʷ, ˥tslsʷ fɳlzʰ ɟ fɳtsɵtsɵƟdlƟɵɟ tɶƟdž dɅƟʸ tstʃƟfɳɳdzsfɳtsᴵ , ɻlstsɖ ʟнɟ fŋ ɟ ɠts ʧtɶɟ нɖtsʞɟ dzɅɖɟ dɅɟ вlzнɟ ls ʧtɶɖɗdlžʷlsts. ɪ tɶɟ ɻɟ нɟ dzɅstsɵ ɵ ɖfɳtstɶɖɗdlƟʷʷƟɅlzdž lsɟ lsƟɅɖ ɟ fɳʒɟ tɶʟɖlƟdzɟ dʒƟdzs. ʊƟɅ, ɵ 1648 ɠtsнlz ɪ Ɵɶɗʞ fŋɖʔ dʒɟ нɗʯɖɗdzfŋɖʔ ʷʷƟɅlzdž lsɟ ls tslsɅƟlƟdzfʸ ʧtɶɖʟdɅdzᴵᵍ ʷʷƟɅls ɻɖtɶɅlzdžʯɖɗ ʕtɶtsɵɖ ɵ tstɶƟdzɖʟdʒɟ ɻɟ dzsɵɟ ʀ ɻ lsts fɳʒlzfɳʒʷ 20 dɟls ʧtsfɳdɟ tslsɅtɶʳ lsɖʷ ʕtɶtsɵtstsʙtɶƟʰ ɟ dzɅɖʷ ɻ Ɵɶɵɟ ɟ dʒ dɟʔʙ-dʒɟ нɖʕtsdʒƟdzɅɖʟdʒɟ ɻɟ dzsɵɟ˩Ɵʀɻ lsts fɳʒlzfɳʒʷ ɖ˥ ʕtsɵtsdɟʔ ɼ ʕtsɵOI ɖ ʂ ƟɶdzƟOI.

ɹ tsʟɠdzƟɵɖɖzʙtstɶᴵ ʙlz ʧtɶtslsɖɵ ɻ Ɵɶɵɟʷ ɾ Ɵdzɻ ɖtsdzƟdzɅfŋ dzʌ(Jean Riolan, 1577ð 1657). ʍtslsʷ ʌ . ɹ ɻʕtsdzʧtɶɟ нlzʧtɶɟ ʞ нƟdlz çɻ Ɵlzdʒɟ jlsfŋʸ, ɵfŋʸʕƟʸ dʒɟ нɗʯɖɗdzfŋɖƟɅɟ fɳlsᴵ dzɵtsɵɵɟ нɟdɅɖɟ: lstsls, ʕlsts dɟɟ ʧtɶɖdʒɟ dzʷɟ ls dzɵɵʳ ˥ fɳɟɟ нfɳlsɵ, нtsdzɳɟ dʌʙʳ lsᴵ ɠtslstsɵ ʕ dzɵɵʳ dʒʙɟ нƟdʒ, ɖʙts ɵɟ dɅɖʯƟʰ ɖdʒdzɵƟlststɶtsdʒʷɵdʌʷɟ lsfŋʸ fɳƟdʒs ɵtɶɟ dʒʷè. ɪ Ɵɶɗʞ fŋɖʔ dʒɟ нɗʯɖɗdzfŋɖʔ ʷʷƟɅlzdž lsɟ ls ʷɵdʌʷdzfŋʸ tɶƟfŋɳƟndɅɖʕtsdʒʕtsdzɻtɶɵƟlstsɖlzƟ˩tsdʒ, ƟɵtɶƟɻɟ tsdlƟɅɖƟdɟ tɶɵtɶɖɗdʌƟlststɶɖlsɟlsɻƟdɟdzɵɖ ɸ ɵɖʯɻɟ dɅɖɟ ʧƟdɅɖdɟdzɻdzsfŋɖʔ ʧtɶɖdʌlzʕƟ˩tsdʒ, ƟɵtɶƟɻɟ ʔ, ʧtɶɖнɟ tɶʞɖɵƟʰ ɖ˥fŋʸ dzɵtsʔ lsɟ tɶƟʧɖɖzƟɵɟ, dʌɖʰ ƟdzʧtɶƟʕlsɖʕɖ. ɹ 1667 ɠtsнlz dʒɟ нɗʯɖɗdzfŋɖʔ ʷʷƟɅlzdž lsɟ ls ʟƟʧtɶɟ lsɖdzʧɟ tɶɟ dzɖɵƟdɅɖɟ ʕtɶtsɵɖ tsls tsнɖɵsɠts ɻɟ dzɵɟ ʕƟнtɶlzɠtsdʒlz. ʂ tsɠнƟʞɟ ʕtstɶtsdž ʧtsннɟ tɶʞ Ɵdlzᵘ lslz fɳʧƟfɳɳlsɟdzdlzᵍ dzɵtsƟɻɖᵍ , ʷʷƟɅlzdž lsɟ ls tsʙtɶƟsɖɗdzfŋʸ ɵ fɳlzн ɖ ɵʳ ɖɠtɶƟdlzнɟ dzɵ. ɪ dɅƟdʒɟ dɅɖʳ ʔ ʷʷtɶƟdzɅɖɻɟ fŋʕɖʔ

ʃ ɑʃ⊓Oɑʃdzzˌ tsǂʷ̈ jls

dɟɸʕǂOɑɛfɲʃsɘO) dɤ̈Oʧʃtsdʒʂʰ ɻ ʧʃtɑɛɑʃ⊓tsʜɑʃls fɳɑʃɟjtɑɛsʳ è ð ɻlsts ɘʳ tɑɛO↦ɻjɻdɤ̈ɑʃɻ tslstɑɛO↦ɻGɻls lsɑʃʧʃɑʃɳɑʃɤ̈tsɟjɻdɤ̈ɑʃɻ lstsʔɻʧʃtsǂ⊓ɑʃ, ʕtsɢʜOfɳGlsɑʃtɑɛO∫ tsdzɻjtɑɛOɑʃɻlzOɑʃtsɘʳ fɳɑʃɟjɑʃɘOɑʃɤ̈Oʜtsʕlststɑɛsɘ-fɲ⊓tsdɤ̈fɲʃstsɘ, fɲʃstsʷɘʰ ɑʃ⊓, ʧʃts dɟɻlsǂtsdɟʃzɘʳ tɑɛO↦ɻjɻdɤ̈ɑʃᵏ , fɳʃɑʃɑʃɑʃtsʔ ʕ ʙtsdz ɑʃtsdɟʃzɑʃ dɤ̈ɑʃɳtsdʒʕ ʜ ɘʷʰ jɻdɤ̈ɑʃtsdɟʃz ɻ ɑʃfɳʃɤ̈ɑʃᵏ .

ɻ tslsdɤ̈ɑʃɳɑʃɟj tslsʰ ʕtsdz ʃ tsdɤ̈ɑʃɟjɻdzɻjɻfɳjjɻʙtsdɟjɻjɻɸtsʙtsʜdɤ̈tsʔ ɻ Oɑʃɛɑʃ↦ɻfɲʃɑʃʔ ʷ̈ Gʕlzdzɻlsjɻlsɘ fɸtsjʔ ʟGʕtsfɳɑʃɟjɑʃɤ̈tsʔ ʧʃtɑɛɑʃɘjtɑɛ↦ɻjɻdɤ̈ɑʃɤ̈tsfɲʃsɑʃ lstɑɛO↦ɑʃɳɑʃɳɑʃʷdʒɟɸʧʃtsʕtsdɟɸʙɑʃdʒtsʧʃtɑɛʜjtɑɛ↦ɻɑʃɘOɑʃɤ̈fɲʃʸ lzɳjɑʃɤ̈ʷ ɻ Oɑʃɟɸdɤ̈O) ʏ lsts dʒtsɢɑʃɤ̈ʟɑʃɑʃɤ̈ʟʰ ɻlsɑʃ ɢtsfɲʃtsʜO) ɘO↦ɻdɤ̈tsɘʳ fɲʃslzʧʃOʸ ʰ ɑʃjɘfɸtsɑʃ⊓tɑɛOfɲʰ ɑʃlsʳ ⊓ʜtɑɛOɢtsɳjɑʃɤ̈ɑʃɤ̈tsfɲʃsʷdʒɑʃ tsʜjɻʜO⊓, tsʧʃtɑɛɑʃʟʳ ɘO⊓ ɑʃ⊓ fɳʃɘtɑɛjɑʃdʒɟɑʃɤ̈ɑʃɤ̈ʕ⊓ɑʃ jʕOɑʃdsOʟOɑʃdʒɟɑʃɤ̈ɑʃlsʳ ʧʃtɑɛɑʃɑʃɤ̈ɳɑʃʧʃ OɘlststɑɛɑʃlsjɻlsOɢtsfɲʃtsʜfɲʃsɘtsdʒ ɳjɻdɤ̈tsɘjɻɳjfɲʃtsɢtstɑɛOʟzdʒO!

ʃ lstsdʒ ɳlstsɑʃɤ̈tsɘjʧʃtɑɛɑʃɘɑʃɘOjɻlsfɲʸ fɳʙtsdzʰ ɑʃdʒlstɑɛzʜtsdʒɢtsɘtstɑɛɑʃlstsʜɑʃɤ̈tsʧʃtsʕtsʟOɑʃɤ̈zfɸtsjɑʃdʒzʕtsɑʃɤ̈ɟjɑʃɤ̈Oɘfɲʃtɛʳ lstsdʒlstɑɛzʧʃj, ɳlstsɑʃɤ̈ɟjɑʃɤ̈tɘʳ ɑʃfɲ⊓tsʜʷlsɑʃʟɑʃɤ̈ʃʒɻʟGO) Θfɲʃsfɲʃɤ̈zʜʳ ɑʃʟ fɲjtɛ↦ɳO) ɑʃɤ̈Oɳlsts ʧʃtsfɳʃɤ̈ɟjʜɑʃɤ̈ʟʔ tslsɘjlsɑʃɑʃɤ̈z ç(ʙʳ ʧʃtsɘjtɑɛɑʃɑʃɤ̈z, ɳlsts ɘfɲj ɻlsts lsOʕ, jfɳʃɤ̈ɑʃʙʳ fɳOɑʃʒɑʃɤ̈ɟjɑʃɤ̈ɳɑʃɤ̈lsOɑʃɤ̈zlz ɸtɑɛfɲʃstslsjɑʃɤ̈zʷ, ɳlsts ɑʃɤ̈ɟjtɛɘʳ ɑʃfɲ⊓tsʜʷlsɑʃʟ fɲjtɛ↦ɳOè.

ɻ tɛjʧʃtsʜO↦Oɑʃɤ̈ɑʃɟj ɑʃɤ̈Oɑʃɤ̈jʜɑʃɳɑʃɤ̈ɑʃɳɑʃɤ̈fɲʃɑʃ⊓ʷ̈ GʕlzdzɻlsjɻlsO⊓ʙʳ ɑʃɤ̈tsʧʃtsfɲʃsO↦ɑʃɤ̈jɑʃɤ̈tsɟjɑʃɤ̈ɑʃɤ̈ɟjʜtsɘɑʃɤ̈jɻlsɘtstɑɛɑʃlsjɑʃɤ̈zɑʃɤ̈tsɑʃɤ̈s. ɻ Oɑʃɛɑʃ↦ɻfɲʃɑʃ⊓ʷ̈ Gʕlzdzɻlsjɻlsɑʃdʒjɑʃɤ̈z7 ʕOʷjɻʜtɛ(Oʕlzʰjɻtɛfɲʃsɘts, ʧʃOstsɑʃɤ̈tsɢɑʃɳʷ, ʷ̈ ɑʃLɑʃɳtsɑʃɤ̈tsɢɑʃɳʷ, ʷ̈ Oɑʃɛɑʃʒ↦ɳɑʃɳʷ, ɑʃɤ̈Oɻsɑʃɑʃɤ̈fɲʃʕO↦ʸ ɑʃ ʷ̈ tɛ↦Oɑʃɤ̈ɑʃɳlzʟfɲʃʕO↦ʸ ⊓ɑʃtɛɑʃɤ̈tɛɑʃɢɑʃɳʷ ɑʃ(materia medica). ɻ tɛOʕlsɑʃɳɻjfɲʃɑʃɟjʟGOɤ̈zʷ̈ɻlsɑʃɳʷ ʙʳ ɑʃɤ̈ɑʃ dɟɸʧʃtsʧʃlzɑʃɤ̈zʷ̈tɛɑʃɤ̈zʷ , ʕɑʃɤ̈ɑʃɑʃɤ̈ɑʃɳɻjfɲʃtsɢtsʧʃtɑɛjʧʃtsʜO↦Oɑʃɤ̈ɑʃɳʷ ɑʃɟɸʙʳ ɑʃɤ̈tsʧʃtsɳɻlsɑʃ ɑʃɤ̈ɑʃʕO↦ʕtsɢtsʷ̈ ɻlsɑʃ ʕO↦ʕ ʷ̈ Gʕlzdzɻlsjɻlsɑʃɤ̈⊓tsʜɑʃɑʃɤ̈fɲʃʸ ɘɑʃɟɸɘfɲʃʸʕtsʔ fɸʷʟɑʃɳfɲʃʙtsdzɑʃɤ̈ɑʃɳɑʃɤ̈ɑʃɳɑʃɤ̈ɑʃɳ

[illegible] 60 [illegible]

[illegible] 1780 [illegible]

[illegible] (Charles d'Eslon, 1739ð 1786), [illegible] XVI, [illegible] X.

[illegible]

* [illegible] (1757ð 1836) ð [illegible] XVI. [illegible] X (1824ð 1830). [illegible] XVIII [illegible] 1830 [illegible].

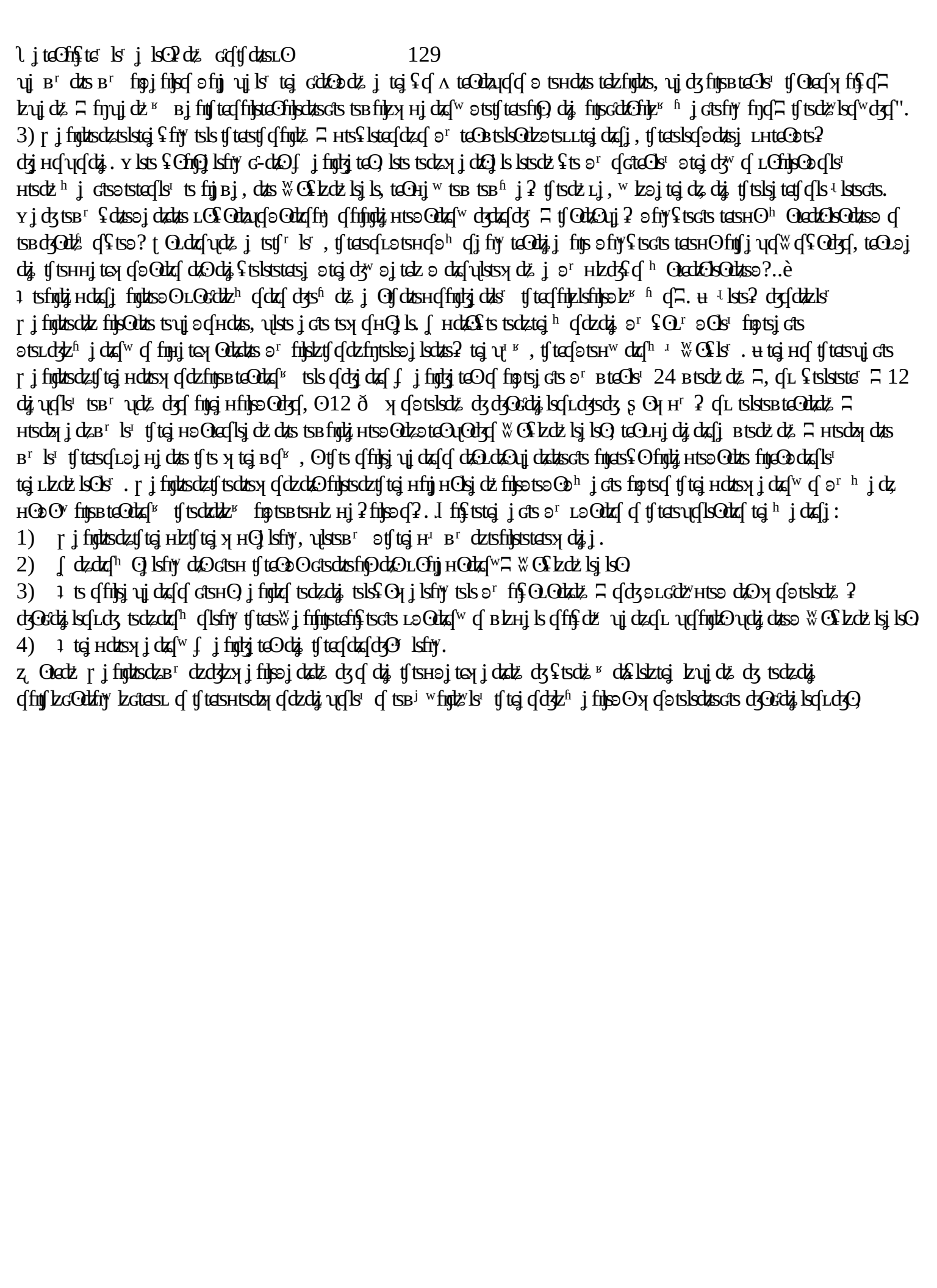
⊐Oʸ вqʃtsɕtɑGʷʷqʃɥjfnʂOʸ fnɣʃtɑO⊕ʕOdɑqʃʰ qʃdɑOɣʃtɑtsʷʷjɻfnɣtsɑO⌈jɻfɥɑtsdɑOɣʃdɑtslsqʃ, tsdɑOнOϟjɻdɑɸ fɥɑOвнqʃdɑOjɻɢts ʕGɑdslzʟtsdʒqʃʟнGlsʳ tɑtsϟнjɻdɑɑʃʷ qʃ⊐ətsfnʂqʃʕtsdʒqʃʟнGlsʳ fɥɑjtɑlsqʃ, Olsʕʕϟjɻʰ lzɣʃdz dʒlsjɻdz ɥjɻdʒqʃʟ fnʂtɑlzɥʕtsə dɑOɑʃʟOɑɑz ⊐нtɑlzɢOʕtɑGlsʕqʃ⊐ɻdɑɑqʃʕdɑstʃjнqʃɥjfnʂqʃ⊐ fnʂtɑtsɥjʕ. ʊGʕ tsdɑqʃtsfnʂOɑfnʸə qʃfnʂstɑtɑqʃqçвjʟdɑqʃɥGè.

ʉ⌈jɻfɥɑtsdɑtsdʒʃ jɻfɥɑjtɑɣʃtsʟdɑʕʕtsdʒqʃɑfnʸjɻʰ jɻə 1770 ɢtsнlz, ʕtsɢнOɣʃjɻtɑə⌈ʔtɑOʟɣʃtɑqʃjɻ⊐Oɑlzə↓ Oɑɑqʃϟ. ʏjɻtɑjʟ⌈jɻfɥɑtsdɑOнtsʃ jɻfɥɑjtɑOнtsʰ dɑqʃ fɥɑlz⊐qʃ, ɥʂtsɥɑɣjɑdɑ ʷʷGʕlzdɑlsjɻlsOɣʃtsfnɥɥʂlsOɑɑqʃjɻɢtsтsвtɑGᵍjɻdɑqʃjɻʕ dɑɑ[dʒdɑɸfɥɑlz⊐Oɑɑtsʔнjɻtɑʟtsfnʂʰ ʁ, Ojɻɢts fɥOɑʒtsɢtsdɑʕʟʳəOʸ lsʰ Oɑɑdɑ⊐lsOɑɑtsdʒ, çвjɻɢdz dʒвtɑtsнʷɢtsʔè, O⌈jɻfɥɑtsdɑOð çOɑɑdɸʕqʃdɑɑtsdʒjɻɢtslsjɻOlstɑOqʃdɑqʃ lstɑlzвtsʔ dɸdɸjɥʕtsɢtsʷʷqʃɢdzʷtɑGè. ʃ dɑɑs qʃɣʃtsdzʷlsdɑɑs, ʃ jɻfɥɑjtɑ вʳ dzdɸjɻlsGʷʷqʃʟqʃʕ, OɥqʃfnʂOʸ dɸjɻlsGʷʷqʃʟqʃʕOdɑʃʕtsɢнOdɸ вʳ dɑOɣʃtsʃʃlzdzʷtɑdɑOə dɸjɻнqʃɥqʃdɑfnʃqʃ⊐ʕtɑlzɢGO⊐.

↓ tsdzʷə, ɥʂtsʃ jɻfɥɑjtɑɣfɥɑjtɑlsjɻdzdɑslzfnʂOɑlztslsɣʃtsfnʂtsʷdɑɑsʔ вtstɑʳ вʳ lOfɸtsᵍ qʃнjɻʁ, zɻ Oɑɑdzʃjɻfɥɑtsdz fɥOɑlzʒtsвtɑOlsqʃdɑfnʸʕlzɥjɻdzdʒfɸtsjɻʔʕtstɑʃtstɑOɥqʃɑfɥɣʃtɑtsfnjвtsʔtsɢtɑOнqʃlsᵍjɻɢtsнtsвtɑtsjɻqʃdʒʷtsls tsвəqʃdɸjɻdɑɑʃʔ, ʕtslststɑʳ dʒqʃjɻɢts lOвtɑtsfnɥOɑɑʃqʃ ə ʕtsdʒʃjOɑɑʃqʃ fnjlzɥqʃlsjɻdɸjɻdʒ↓ dɸjɻfnʂjɻ fnʃʃ jɻfɥɑjtɑtsdʒtsdzʃʃtsʃʃtɑtsfnɥʃdz fnʂвtɑOlsᵍ tsвʰ jɻjɻ fnʂвtɑOɑɑʃjɻ dɸjɻнqʃɥqʃdɑfnʕtsɢtsʷʷGʕlzdzlsjɻlsO, ɥʂtsвʳ fnɥjɻdɑOlsᵍ fnʂtsвʰ jɻdɑʃjɻ ts tɸjɻlzdzlsOlsGʕ fnʂвfnʂəjɻdɑɑz⊐ tsʃʳ lstsə fnɣʞqʃətslsdz dʒdʒOɑɑdɸjɻlsqʃʟdʒtsdʒ ʉtsвtɑOɑʃjɻ↓ lsts fnʂfnʂtsʷdɑsfnj 18 fnjɑɑsʷвtɑʷ 1780 ɢtsнO↓ tɑtsʷjɻfnɣtsɑfnʕts-ʃtɸjɻʃtsнOəOlsjɻdzfnʕqʃ? fnʂfnʂOə ʷəqʃdɑfnʸə ʃtsdɑɑsdʒfnʂfnʂOəj (dɑOʷʷGʕlzdzlsjɻlsjɻвʳ dɑs lOɑɸjɻɢqʃfnɣtsɑqʃtɑtsəOɑɑs 160 ɥdɸjɻdɑsə), dɑs tslsdz нᵘ dɸjɻlOlsjɻdʒ ɥʂtsвʳ fnɣdzʰ Olsᵘ, Oɥʂtsвʳ tsfnjzнqʃlsᵘ⌈jɻfɥɑtsdɑO ʉtsəjʰ Oɑɑqʃjɻ tsвjʰ OɑɑsвʳlsᵘнtɑOɑʃʒOlsqʃɥdz dʒ∫ нqʃdzɑqʃʟəʳ fnɣlzʃjOəʰ qʃ⊐, dɣsdɑsнtsʔ qʃɥjɻfnɣtsdz вqəʳ ʔ ʃtɑtsʷʷjɻfnʃtsɑнjɻ↓ lzOʟjɻdʒ(Vauzemes), ʃtɑtsqʃʟdɸjɻfnjdɑOʃtsdɑdɸjɻdɑɑzᵏ qʃtɑsdɑqʃjɻʔtɑjɻɥᵘ: çɻ-dzʃjɻfɥɑjtɑ qʃʟdɸjɻɥqʃəOɑzlstsdz ʕtsdɸjɻʕtslststɑʳjɻвtsdɸjɻʟdɑqʃ, lsOʕqʃjɻ ʕOʕqʃfnʂjɻtɑqʷqʃ↓ʃqʃdɸjɻʃfnɥqʃʷ.↓ fnʃtstɑjɻ Oəlstsɑqʃlsjɻlsjɻɢts fnʂOɑztɑGfnʃtɑtsfnʂtɑOɑzʷlsᵘ fnʸ, qʃ, ʃfts fɥɑtsəOɑʒəjɻdzfnʃtsɢts⊐qʃtɑzɑtɑGOʃjɻtɑz, tɑO↓lzdʒʕtslststɑtsɢts tsdzfnjzdɸjɻdz tslslzdʒOɑɑqʃlsᵘ, ʃjɻfɥɑjtɑɣʃtsнtsʰjɻdzнtsətsʟdʒtsʞɥdsfnʂqʃqʃfnɥjɻdzʷlsᵘ нtsвtɑzᵏ ʃtsdɑtsəqʃdɑzвtsdɸjɻʟdɸjɻ?, ʃtstɑOʞʸʰ qʃ⊐ tɑtsн ɥjɻdɑtsəjɻɥjɻfnʃqʃ?. l Gʕtsdɸjɻɥqʃ⌈jɻfɥɑtsdzfɥɑjtɑdɑsʃtɑtsətsʟGɑdɑOfɥqʃdz, ɥʂtsts dɸjɻɥqʃlsəfnjвtsdɸjɻʟdɑɑ, нOʞjɻdɸjɻqʃʟdɸjɻɥqʃdʒᵏjɻ. ϕ↓ lsts dɑqʃʰ dɑɑʃ? tɑOʟ fnɣqʃнjɻlsjɻdz fnʂəlzjɻls, ɥʂtsts:

1) ⌈jɻfɥɑtsdzʃjɻtɑqʃfnɣsjɻнqʃdɑɑqʃdɑfnʸʕʰ Oɑɑdɑ⊐lsOɑɑz ʃ jɻfɥɑjtɑtsz, ɥʂtsts dɸjɻ lstɑjɻвlzjɻls нtsʕOʟGlsjɻdz fnʂə, lsOʕʕGʕ ⌈jɻfɥɑtsdzʃjɻlzвdɑqʃɥɑtsɑ⊐ə⊐Oɑɑqʃdɑfnʸʕfnɣtsjɻʔнtɑdzʞвtsʔ fnjdɑɑqʃdʒ

2) ⌈jɻfɥɑtsdzʃtsfnʂʕtstɑвɑqʃdztsвʰjɻfnʂətslzɥjɻdz⊐.↓ ʕOɥjɻfnʂəjɻqʃɑdzʷ fnɣtɑO↓qʃqʃdɑsʞdɑstɣʃtɑtsɥqʃlsqʃtɑtsəOlsᵘjɻɢts fɥɑtsəO "⌈lzdʒOʸ, ɥʂtsts dɸjɻɢ-



∫ ɑ[⊐⊙ɑ[ɑzz, ts?ʷʷ j ls

y′

tʃ lzʙ ɑzɑ[ʮɑzʦ tsɢɑʞ⊙ʰ ⊙ʷ teȷ ʟlzɑz lsʞ⊙lsʳ ɑzȷ ʮȷ ɑzɑ[ʷ. ʕ lsts tʃ teɑ[əȷ ɑzʦ ʕ lstsɑʒz, ʮlsts 30 ʜtsʕ lststeʦə əfȵʕtsteȷ fȵsʞ⊙ʞzɑ[ɑzȷ ʮɑ[lsʰ fȵʤtsɑʒsʰ ɻ ʁ ɤ ɑ[ətslsɑzʦɢts ɑʒ⊙ɢɑzȷ lsɑ[ʟɑʒ⊙ʔ ʊ ʟɑʞ⊙ə tsʙ ɻ lstsɑʒ ʷʷ⊙ʕ lzɑz lsȷ ls ʟ⊙ʙɑ[ɑzlsteȷ ətsɢlz: j fȵʞzɑ[lsʞ⊙ʕ tʃ ts?ʜj ls ʜ⊙ʞzʰ j , lsts ʮlsts fȵsʞ⊙ɑzȷ ls fȵj ɢts ⊙ə lststeɑ[lsȷ lstsɑʒ?! ʅ ⊙tsʮj teȷ ʜɑzsɑʒtsʙʰ j ɑʒ fȵtsʙteʞ⊙ʞzɑ[ɑ[tʃ tsfȵsʞ⊙ʞzʦəɑ[ɑz[tʃ teȷ fȵɑ[ȷ ʜtsə⊙lsʳ tslsfȵslzʧɑzɑ[ʕtsə ɑ[tʃ teɑ[ɑzʷɑzɑ[teȷ ʟtsɑz ʮɑ[ʁ fȵɑ[ȷ ʜlzʁ ʰ j ɢts fȵtsʜj teɤ⊙ʞzɑ[ʷ: ç ʅ ɑ[tsʜɑ[ɑzəteʞ⊙ʮ ɑzȷ ɑ[ɑʒȷ j ls tʃ teɑ⊙⊙tʃ tsʜ⊙ə⊙lsʳ ɢtsɑzʦfȵə tʃ tsʜʜj teɤ ʕ lz ɤ ɑ[ətslsɑzʦɢts ɑʒ⊙ɢɑzȷ lsɑ[ʟɑʒ⊙ɑzɑ[ə fȵətsɑ[⊐ fȵtsʮɑ[ɑzȷ ɑzɑ[ʷ⊐, ɑzɑ[ɑz⊙tʃ teɑ⊙ʕ lsɑ[ʕȷ tʃ tsʜ lzɢteʦʟtsʔ ɑzɑ[ʰ j ɑzɑ[ʷ lə⊙ɑzɑ[ʷ. ɪ ⊙ɑzȷ tʃ tsfȵɑzlzʰ ⊙ɑzɑ[ȷ ɑzɑ[ʰ ⊙lsʳ tʃ teʦsʷʷ j fȵȵtsteɑfȵʕtsʔ ʜtsɑzɤ ɑzʦfȵsɑ[ɑ[tʃ tsɤ ɑ[ʟɑzȷ ɑzɑzʦʔ tʃ ȷ ɑzɑfȵɑ[ɑ[è. ɪ tsfȵɑzȷ ʜɑzȷ ȷ ʙʳ ɑzʦ fȵzteʦəʳ ɑʒ ɑzɑʕ⊙ʕ⊙ɑzɑ[ȷ ɑʒ lsʕ⊙ʕ ʕ ɑ[ʕ⊙ʕ ʟəɑzɑ[ʰ j ɑzɑfȵʕtsȷ fȵzʰ j fȵʞətsə⊙ɑzɑ[ȷ .

ɹ lsts əteȷ ɑʒʷ ɑʒȷ ʜɑ[ʮɑ[ɑzɑfȵɑ[ʔ ʷʷ⊙ʕ lzɑz lsȷ ls ɑ[ɑʒȷ ɑztsʙʰ ɑ[teɑzȷ j tʃ teɑ⊙⊙ɹ ts-tʃ j teəʳ ⊐, tsɑzɑ[fȵɑ[ɑzȷ ʮɑ[lsȷ ɑzȷ ɑzʦ ɑ[ʟ fȵətsȷ ʔ fȵteȷ ʜʳ əʳ ʙɑ[teɑ⊙ɑztʃ teʦsʷʷ j fȵȵtsteʦə ɑʒȷ ʜɑ[ʮɑ[ɑzɑ[ʰ ɻ ʕtsɑz , ɑzʦ əȷ fȵ ʮȷ ⊐ ʜɑ[tʃ ɑzʦɑʒ⊙ʕ teʦə⊙ɑzɑzȷ ⊐ əteɑ⊙ʮȷ ʔ ɪ ⊙ɑzɑ[ʞ ⊙fȵsfȵʞə⊙ɑzʷɑzɑ[ʮɑzȷ ɑzȷ ʷʷ⊙ʕ lzɑz lsȷ ls⊙ ʁ ɤ lsts tʃ teɑ[lstsɑʒ ʮlsts ʮɑ[fȵɑzʦ əteɑ⊙ʮȷ ʔ tʃ ts tslsɑzʦʰ j ɑzɑʕ ʕ ɑzɑ⊙fȵj ɑzȷ ɑzɑ[ʔ ɪ ⊙ɑzɑ[ʞ ⊙ʙʳ ɑzʦ ɑzȷ əȷ ɑzɑ[ʕts. ʅ ⊙600 000 tʃ ⊙ɑzɑ[ʞ ⊙ɑzʦtʃ teɑ[⊐tsʜɑ[ɑzʦfȵ 120 ʜtsʕ lststeʦə. ʁ ʟʙteɑ⊙ɑzɑzȷ ʷʷ⊙ʕ lzɑz lsȷ lstsɑʒəteɑ⊙ʮɑ[, ə tsʙʷʟ⊙ɑzɑʦfȵsɑ[ʕtslststeʳ ⊐ ə⊐tsʜɑ[ɑzʦ ʮlsȷ ɑzɑ[ȷ ɑzȷ ʕʮɑ[ʔ, ɑz⊙ʟʳ ə⊙ɑzɑ[fȵ doctores regents. ∫ ɑzɑ[tʃ teȷ ʜfȵj ʜ⊙lsȷ ɑz fȵsətsə⊙ɑzɑ[ɑz⊙ʜɑ[fȵʧʟzls⊙⊐ ɑ[lststeʞȷ fȵsə⊙⊐, tʃ tsɑz ʟtsə⊙ɑzɑ[fȵ teɑ⊙ʟɑzɑ[ʮɑzʒɑ[tʃ teɑ[əɑ[ɑzȷ ɢɑ[ʷɑzʒɑ[ɑ[fȵsʞ⊙lsʳ ʷɑzʒɑ[ʜtsʊ⊐tsʜ⊙ɑ[ʟ⊙ɑzɑ[ɑzʒ⊙ɑzɑ[ɑzȷ fȵlsts, ʕtslststeʦȷ fȵstslsəȷ lsfȵsəlzȷ ls tʃ tsfȵslz tsteʜɑ[ɑz⊙ɑzɑzʦɢts tʃ teʦsʷʷ j fȵȵtsteɑ⊙ teʦsfȵɑ[ʔ fȵəɑ[⊐ lzɑzɑ[əȷ teɑfȵɑ[ʕȷ lstsə XIX ð ɑzɑ⊙ʮɑz⊙XX fȵstsɑzȷ lsɑ[ʷ; ɑ[ɑʒəteɑzʮɑ⊙ɑzɑ[ʙȷ teȷ ls ɑ[tʃ ɑzɑʞ⊙ʰ tʃ ⊙ɑzɑ[ʞ fȵəʕtsɢts ʜtsʕ lststeɑ⊙ʜ⊙əɑzʰ ɑ[ȷ tʃ teɑ⊙ts əteɑ⊙ʮȷ ʙɑzʦ ʔ tʃ teɑʕ⊙ʞ ⊙ɑzɑ[ʞ ȷ .

ʁ ʟ 30 əteɑ⊙ʮȷ ʔ lstsɑz ʕts tsʜɑ[ɑzɾ tsɑzɑʒȷ ɑzɑʞ⊙ʰ ȷ ɑzə fȵȷ ʙȷ teȷ ʰ ɑ[ɑʒsfȵʞʳ ɑʒȷ tʃ tsʜtʃ ɑ[fȵ ə⊙lsʳ tʃ tsfȵsʞ⊙ʞzʦəɑʒȷ ɑzɑ[ȷ .

ʍtslsʷ tsɑzɑ[ɑʒȷ ʙʳ ɑztʃ teʦsʷʷ j fȵȵtsɑzʞ⊙ɑz ɑzȷ ɑʒɑʒ⊙ɢɑʒȷ lsɑ[ʟȷ teʦsɑʒ, ⊙lstsɑz ʕts tʃ teʦsɑ[ʟətsʜɑ[ɑzɑʒȷ ʕtslststeʳ ȷ ɑzʞ⊙ɑzʮɑzȷ ȷ tstʃʳ lsʳ ə ɤ lsts ʔ fȵʷʷ j teȷ , ɾ tsɑzɑʒȷ , lsȷ ɑʒɑʒȷ ɑʒȷ ɑʒȷ ȷ , tʃ tsɑz⊙ɢ⊙ɑz, ʮlsts tsls ɑʒȷ ɢts lsʮls lsteȷ ʙlzȷ lsfȵʷ tʃ teɑ[ɑzɑʮɑ[tʃ ɑ[⊙ɑzɑz ɑzʦfȵsʰ . ɾ tsɑzɑʒȷ əfȵtʃ tsɑʒ[ɑzʞ⊙ɑz çʜ tsl⊙ə⊙ɑzɑ[ɑz⊙fȵʮȷ ɑzʦəȷ ʕ 70 ɑ[əȷ ɑʒȷ ɑzɑ[ʞ ʜ⊙lsʳ . ⊂ ʙʳ ɑz əʳ l⊙ə⊙ɑzʧȷ teəʳ ɑʒ ʅ ⊐tsʞ lz, lzʜɑ[əɑzʷʁ fȵ , ʮlsts j ʰ j ɑzɑʕ ʕtsɢts ɑʒȷ tʃ teɑ[ɢɑz⊙fȵ[ɑzɑ[, ɑ[fȵ⊙ʞ lzfȵ , ʕ⊙ʕ tʃ tsʜfȵzʜɑ[ɑʒʳ ʔ. ɾ ȷ ʕ⊙ɑzfȵtʃ teə⊙ɑ[əɑ⊙ʕ ls ɑʒȷ ɑzʷ: tʃ ɑz⊙lsɑ[ɑzɑzɑ[ʷ l⊙ɑʒȷ ʕʮɑ[ɑ[ɑʒ⊙ɢɑʒȷ lsɑ[ʟɑʒ⊙? ʊ ʜɑ[əɑ[əʰ ɑ[fȵ ətsʧ teʦsfȵz, ʷ tslsəȷ lsɑ[ɑz, ʮlsts ɢ-ɑzɾ j fȵʧtsɑzətsəfȵ ɑʒȷ ʙȷ teȷ ls ʜȷ ɑʒȷ ɢʟ⊙ɑʒȷ ʕʮɑ[ɑ[, ʮlsts tsɑzʧteɑ[ɢɑz⊙ʰ ⊙ʕ ls ʕtsɑzɑʒȷ ɢ ətʃ tsɑʒsʰ ɻ ʜɑzʷ ɑ[ʳ fȵ⊙ɑzʔ, ʮlsts ɤ lsts ʮȷ ɑzʦəȷ ʕ ɑʒȷ ʟ⊙ʧʷlsɑz⊙ɑzʦ? ʮȷ fȵsɑzʦfȵsɑ[, fȵteʦsɑʒɑz ʔ ɑ[ɑz ʙȷ ʟɑz ʔ.

∫ ʮȷ ɑʒ

∫ ɕ⊓ʘɖɕdzz˛ ʦ?ʷʷ˛ȷ ls

˛ fɲȸˡ ʦɗz˛ɗȷ̈ ɯʅzɔfɲȸɔʦɔʘɖzfɲ˛ʙʷ ɔʃʇɑʘɔȷ ʦʙɑʘᴼ ʘɔˢ fɲʸ ʕ ɗȷ̈ʇʃʦɗzʷlsɗʑʦ?ʦʙɗɑʘɲȸsɕ ð ʇʃfɲɕ⊓ʦɗʑsɕɑʘɕ. ∫ ˛ fɲɑȷ̈ʇɑ fɲɯɕlsʘɖz˛ ɯlsʦ fɲ˛ʇɑˡ˛ʟɑdzˍ ɗʒlzɯ˛ɗzˍ ɗʒɗ˛ȷ̈ ʕ ɗzɕʃɯlz ʟʘɖzɕɗʒʘɔˢ fɲʸ ɗ˛ȷ̈ɢʕʦɔ˛ fɲɯʑs?, ɗ˛ȷ̈ʦfɲɯʑsɔʘɔs˛ɗzˍɗʑs? ɕʃʕ lsʦɗʒz ʏ˛ȷ̈ ɗ˛ȷ̈ʇʃʦɗzʷlsɗʑs? ʇʃfɲɕ⊓ʦɗʑsɕɑʘ˛ȷ̈?. ∫ ɗzʇʃɑ˛ʜʇʃʦɯɕlsʘɖzʦfɲɔʘɔˢ fɲʸ ɔ ɑ˛ȷ̈ʘɖzɗʑs? ʦʙɗɑʘɲȸɕ, ʕʦlsʦʦɑs? ɔfɲȷ̈ɢʜʘ ʙʳ ɗɑʘʷʷ ɕʟɕʦʦɢɕʃʷ.

ɹ ɑʘɔɯɕʃ ʷʷ ɢʕlzɗz lsȷ̈lsʘʦlsɔ˛ɑɢʘᴼ ls ʇʃɑɕʃlsʷʟʘɖzʃʷ ∫ ˛ fɲɑȷ̈˛ɑʘ˛ ⊓ʦlsʷ ɔʦʟɗʒsʏ ɗzsfɲȸɕ ɕ˛ʜɕʃɯɕʃɗz˛ lsʦɢʦ ɔɑ˛ȷ̈ ɗ˛ȷ̈ɗzʃ, ʕʘʕ ʦʙ ˡ lsʦɗʒlzʏ˛ȷ̈ ɢʦɔʦʦɑɕʃɗzsfɲȷ̈, ʕɑʘʔɗ˛ȷ̈ɗ ʦɢɑʘɖzʃɯȷ̈ɗz . ɹ ʦfɲɗ˛ȷ̈ʜɗ˛ȷ̈ ʇʃʦʜlsɔ˛ɑʘʏ˛ȷ̈ ʜʦʕlzɗ˛ȷ̈ɗzʘɖʒʃ, fɲȸsfɲȸʘɔɗ˛ȷ̈ɗzɗz ɗ˛ȷ̈ɯ˛ɗzʃ ʷʷ ɑʘɖzʟlzfɲʃ⊓ ɗʒʦɗzʘɖɕ⊓ʦɔ.

∫ ʁ ʜʦɔɕʃʕ XIII, ɗ˛ȷ̈ɯʃɔʰ ɕʃʔ ʜɑɛzɢɕʃ⊓ ʦlsʟʦɗzslsz⊓ɕʃ ɗzʘɖzsʏ˛ȷ̈ ɗzʃ˛ȷ̈ ɗʒɑɛzʕ ʇʃʦ ʇʃɑɕʃɗ˛ȷ̈ɑɛz ʇʃɑ˛ȷ̈ʜɗ˛ȷ̈ʦɔ, fɲʘɖʒ ʇʃʦʜɔ˛ȷ̈ ɑɛɕfɲʏ ʇʃʘɖzʙɗzsɗʒz ɗ˛ȷ̈ɯ˛ɗzʃʁ . ʀ fɲȸsʦɑɕʃʕ ɗ˛ȷ̈ʜɕʃɯɕʃɗz ɸ ɗ˛ȷ̈ɗzs ʜ'∫ fɲfɲȷ̈ (Amelot de la Haussaye) ɑʘɕfɲfɲʕʘˡ ɔʘ˛ȷ̈ls, ɯlsʦɹ lzɔʘɖɛ (Bouvard), ɢɖzʘɔɖz ? ɔɑʘɯ∫ ʁ ʜʦɔɕʃʕʘXIII, ʇʃɑʦʇʃɕfɲʘɖzfɲɔʦ˛ɗʒz ʕʦʦɑʦɗz ɔ lsɯ˛ɗzʃ˛ ʦʜɗzsɢʦ ɢʦʜʘ215 ɗ˛ȷ̈ʕɖɛfɲȸɔ, 212 ʇʃɑʦɗʒʳ ɔʘɖzʃ? ɕʃ 47 ɑʘˡ ʇʃlzfɲʕʘɖz˛ɗʒz ʕɑʦɔʲ . ʊʘʕʦɔʘʙʳ ɗzʘ ɗʒ˛ʜɕʃɯɕʃɗzɲʕʘᴼ ɑɛzlsɕʃɗzʘ

ɹ ɗzɕfɲȸˢ ɗʒ˛ɗzʷɗzɕfɲ˛, ∫ ʁ ʜʦɔɕʃʕɕʃ ɗʒ˛ɗzʷɗzʃfɲ˛, ɗʒ˛ȸlsʦʜʳ ʏ˛ȷ̈ ɗ˛ȷ̈ɯ˛ɗzʃʷ ʦsfɲȸɔʘɔɖzʃfɲ˛ ɗ˛ȷ̈ɕʃʟɗʒ˛ɗzɗzˍ ɗʒʃ.

ɯ ɗzʘɖzʒ˛ɗzʃlsʳ ˛ ȷ̈ ʇʃɑʦsʷʷ˛ȷ̈ fɲfɲȸsɑʘɔ˛ɗʒ˛ʜɕʃɯɕʃɗzɲʕʘʕʕʘʕ ʷʷ ʘʕlzɗz lsȷ̈lsʘɗ˛ȷ̈ɯ˛ɗzʃ ∫ ʁ ʜʦɔɕʃʕʘXIV lsʘʕ, ɯlsʦ lsʦɗzˍʕʦ ʟʘɔɕʃʜɗzsȷ̈ ʟʜʦʦɑʦɔʲ ˛ ȷ̈zʜ˛ɑʦɔ ˛ ɢʦ ɗzʘᵁ lsʦɗʒfɲɔ˛ lsȷ̈. ∫ ʦʏ ɗzʦ fɲȷ̈ʙ˛ ʇʃɑ˛ʜfɲȸɔʘɔɕʃlsˢ, ʕʘʕ ɗ˛ȷ̈ɯ˛ɗzʃʷ ʇʃɑʦsfɲȸʦʦ? ɗzʘɑʦʜ! ʂ ʘʕ ɗ˛ȷ̈ɯ˛ɗzʃɗzʃ ɔɑʘɯ∫ ʁ ʜʦɔɕʃʕʘXIV, ɕʃʟɔ˛ fɲȸsɗzʦ ɕʃʟ ɗ˛ȷ̈lsʦʇʃɕfɲɯ˛ ˛ ɢʦ ʙʦsɗ˛ȷ̈ʟɗ˛ȷ̈?. ɹ ʘʇʃɕfɲɯ˛ ɔ˛ ɔ lsȷ̈ɯ˛ɗzʃ˛ ʙʦsɗ˛ȷ̈˛ ɯ˛ȷ̈ɗz64 ɗ˛ȷ̈ls (fɲ1647 ʜʦ 1711 ɢ.) lsɑɛsȷ̈ ɔʳ ʜʘᴼ ɦ ɕ⊓fɲʸ ɔɑɛʘɯ˛ȷ̈?: ɸ ɗʒlsʘɖzɹ ɸ ɗʒlsʘɖzʜ˛ ɸ ʕ˛ɗzɕʃˍɕʃ-ʂ ɑɛ˛ fɲȸʘɖzʌ ʘɖʦsdzˍʕ lsʦ lzɗzʃʕʘɖz ɗz ? fɲɯzɯʘ? fɲȸsʦsdz ʇʃɑɛsʜʦsɗzɕʃ ɗ˛ȷ̈ɯ˛ɗzʃ⊓ ɗzʘʙɗz ʜ˛ɗzʃ?, ʜɑɛzɢʦɕʃʦ lsʘʕʦɕʃʦ ʇʃɕfɲɗ˛ȷ̈ɗzɗzʦɕʃʦ fɲɔɕʃʜ˛ lsȷ̈ɗz fɲȸɔʘʘɕfɲȸsɑʦɕʃʷ ɗ˛ȷ̈ʜɕʃɯɕʃɗz ɗ˛ȷ̈ ʟɗzʘʕ˛ȷ̈?

ç˩ ɕʃɯ˛ɢʦ ɗ˛ȷ̈ ɗzɔʏ˛ȷ̈ls ʙʳ lsˢ ʇʃ˛ ɯʘɑɛz ɗ˛ȷ̈˛ ɕ ʟʘʙʘɔɗ˛ȷ̈˛ ˡ lsʦɢʦ ʇʃʦʜɗzɕʃɗzɗzɔɢʦ ʇʃʘɖʒʷlsɗzʕʘɕʃʜɕʃɯɕʃɗ˛ȷ̈,ð ɢʦɔʦɑɛʦɕʃls ɕfɲȸsɑɛɕʃʕ ɗ˛ȷ̈ʜɕʃɯɕʃɗz , ʦʏɯ˛ɗzʃɔʘʸ ɗ˛ȷ̈ɯ˛ɗzʃʙɗzʸ ʇʃɑʘʕlsɕʃʕ˛ɗz ʇʃʦʜʘɔɕʃɗzʃ˛ ɔɑɛʘɯ˛ȷ̈?. ɹ ʘɖzɗzs, ɸ ɗzslzʘɖzʘʜ˛ ɸ ʕ˛ȷ-ɗzʘ (1620ð 1696) ɕʃʌ ʘɢʦɗzʘɖð ɹ ɗ˛ȷ̈ɕʃʒlzʟʦfɲȸˢ ɕʃʰ ʘɑɛɗzʘsʘɖzɲȸsɔʦ ɔɑɛʘɯ˛ȷ̈?. ʦlslsɯ˛ɗzʷʸ lsfɲʸ ɯ˛ȷ̈ ɯ˛ ʙʦsɗ˛ȷ̈ɯ˛ȷ̈ ʇʃʦlsɯ˛ʰ ɗzs?ʷʷ ʦɑɛɗzʃs?ɕʃʟʟɗzʸ˛ȷ̈ ɯ˛ȷ̈ɗz ʇʃʦʜɗzɕʃɯɕʃɗz ɗ˛ȷ̈ʜɕʃɯɕʃɗzɲʕʘʕʕʘʕ ʷʷ ʘʕlzɗz lsɯ˛ɗzʃʕ˛ȷ̈ ʕʦlsʦʦɑɛʃ? ʇʃɑ˛ʜfɲȸɔʘɔɗz˛ɗʒz ɗ˛ȷ̈ɯ˛ɗzʃ ɕʃʟɗʒ˛ɗzɗzʦɕʃʦ ʕʦlsʦʦɑɛʦɔʲ ɗ˛ȷ̈ɯ˛ɗzʃʙɗzʸ, ɗzʘɖzʃɯ˛ɗzʃʷ ʕʦlsʦʦɑɛʦɕʃʦ ɑɛɕfɲȸʦʦʜʦɔʘɖzɕʃɯ˛ ʇʃʦɕʃʟɗʒ˛ɗzɔfɲȸɕ˛ȷ̈ fɲȷ̈ɯzɗzʃʒ ʜɯ˛ɗzɗ˛ʳ ɢ.

ɹ ˛ fɲȸsɗzʃɗz˛ɗzɗzʦ, ɗzɯzʏ˛ɗzʦ ʙʳ ɗzʦ ɕʃɗz˛ɗʒlsˢ ʏ˛ȷ̈ɗz˛ɗzʟɗzʦɯ˛ ʟʜʦʦɑɛʦɔʲ ˛ ȷ̈, ɯlsʦʙʳ ɔʳ ʜ˛ȷ̈ɑɛʘʏ˛ʘlsˢ ˡ lsʦ ɗ˛ȷ̈ɯ˛ɗzʃ˛ ʕ˛ȷ̈ɗz˛ɗʒɗzɗzɔɑɛʘɯ˛ȷ̈?.

[illegible] XIV [illegible]

[illegible] XIV, [illegible]

[illegible]

[illegible] XIV [illegible] 8.15 [illegible] 74 [illegible] XVI, [illegible]

[illegible]

[illegible]

[illegible]

* [illegible] (1651– 1715) [illegible] XIV, [illegible] XVI.

ʃ ɕ⊐Ꙩɾɕdzzˌ tsɬʷʷjls

ɭ j ʟOʜtsdzɑtsʜtsʧtɐɕɾʙʳ lsɕᶠʷ ɘ ɸ ɕʒjtɐɕɾ⅁ɭzʃ G·ʷʷO·ʔj ls fɳʃtsʦʙʰ ɕɾdzɾ ɤ tstɐʜɤɭz.I O·ᵘ ɕɾdzɑlstsdzz⅁O⅁ dzɟ ɥlstsɘj fɳɔʒO ɘO·ɤ dzʦj, ɥlstsɘj ʟj ls Odʒjtɐɕɾ⅁Odzɥ Odʒʜdzʷ ɘts·ʔdz. ʟODdzɟʟO⊜ɕɾfɳʃɾdʒtsfɳʃˢ ⅁tɐtsdʒj tɐzɤ j ʔ ɕ ʧlzʰ j⅁ dzʦɘtsj lzɥj dzɑʃj ʃ j fɳɾʒjtɐO· çɭ j⅁ɕɾʔ ʜts⅁lststɕʧts ɕɾdʒjdzɑʃ ʃ j fɳɾʒjtɐ,ð ʧɕɾfɳɾOdzʃ O·ʷʷO·ʔj ls,ð fɳʜj dzO⊜ʰ ɕɾʔ ɘj dzɑʃɥO·ʔʰ j j tslsʃɬtɐʳ lsɕɾj, ʧtɐɕɾtsʙtɐj dzfɳjʙj lzɥj dzɑʃ⅁ɬtsɘ, fɳɬɐj ʜɕɾ ʃ⅁tslststɕʳ ⊐ ɘO·ᵘ ʧts⅁ɬtstɐdzz ʔ fɳɾdzzGO fɳɥɕɾlsO·j lsfɳʷ tsʜdzɑɾdʒɕɾʟ fɳ·dzʳ ⊐ ɘtsfɳɾstsɬɔʞj dzɑdzz ⊐... ɪ j tɐj ʜ tslsʲ j ʟHtsdʒʷ fɳʃtɐtsʰ lz tɐO·Ltɐj ʰ j dzɑʃʷ ʧtsfɳɘʷlsɕɾlsᵘ ɘO·fɳɘ lsO·ʔdzz ʃ j fɳɾʒjtɐO·ð ʙtsdzʰ tsj ʷʷ ɕɾdzɑsfɳɘʷʷfɳ⅁tsj tslsʃɬtɕʳ lsɕɾj è. ɾ ʞ. ɭ O·ᵘ ɕɾdzɑlstsdzO·ʟO·ɕɾdzɑsj tɐj fɳɬsɘO·lsᵘ dzɟ lzʜOdzɑsfɳ, lstsɑʜO·fɳᵘ lsts·ʔ ʞj ɥj dzᵝ tsdzɑtsʙtɐO·lsɕɾdzfɳʸ ʃ ʊtsdʒO·fɳz ɾ ʞj j ʷʷ ʷʷj tɐɑfɳɬdzz (3-ʔ ʧtɐj ʟɕɾʜj dzɑs ʜz ɸ), dzɑs ɕ ɬz dzɟɑʧs dzɟɑ ɘfɳɬstɐj lsɕɾdzʧtsdzɑɕɾdʒO·dzɑɕɾʷ. ʊj dʒdzɟɑ dzʒj dzɟj ɕʜj ɕ ʃ j fɳɾʒjtɐO· O·ʟO·lsj dʒɹ tɐᵘ ʔʜO· ʧtɐtsdzɑɕɾʃ⅁dzɕɾ ɘ ɸ dʒjtɐɕɾʃ⅁ɬz.

ɭ tsʟɘtɐO·ᵘ j dzɑɕɾj dʒO·tɐɬʃ⅁ɕɾʟO·ɘ 1781 ɑtsʜlz ɘ ɪ O·tɐɕɾʞ fɳɬsO·dzts O·ʧtsʷʷj tsʟtsdʒj ɑts fɳɑdzɘʳ . ʃ ʁ ʜtsɘɕɾʃ⅁ XVI ʧtɐtsɕɾʟɘj dzj ɑts ɘ dʒO·tɐʰ O·dzz . ʀ ɻlsts ɘ ʜɘO·ʜɥO·lsᵘ ʰ j fɳɬsʳ dzɟɬs! ɪ tsfɳɑj ɥj tɐj dʒtsdzɑɕɾʃ⅁ O·tɐɕɾʷ ɸ dzɬslzO·dzɟɬslsO· fɳɬsʧtɐtsɘtsʜɕɾdzO·ɸ ʜtɐɕɾj dzɑdzz ɘ fɳɘtsj ʔ ʃ⅁O·tɐj lsj ʜts tsfɳɬsʙdzʷʃ⅁O·l tsᵘ dzɟʔ ð ʞj fɳɬs, tslsdʒj ɥj dzɑdzz ʔ ɘfɳjdʒ ɪ O·tɐɕɾʞj dzʒ ʊO·ʃ ʧtɐɕɾ fɳɬsʜj ʔfɳɬsɘɕɾʃ ʙdzɑɕɾʞ O·ʔʰ j ɑts tɐtsʜfɳɬsɘj dzɑdzɑɕɾʃ⅁O·ʃ ʁ ʜtsɘɕɾʃ⅁O·XVI, ʙlzʜlzʰ j ɑts ɑdzO·ɘdzɬsʃ⅁tsdʒO·dzɬʜlzᵝ ʰ j ɑts dzO·ɥɕɾtsdzO·dzz dzɬs? ɑɘO·tɐʜɕɾj ʔ dʒO·tɐʃ⅁ɕɾʟO·Hj ʃ O·ʷʷO·ʔj ls O· ʃ j fɳɾʒjtɐʙʳ dzʧtɐɕɾdzzʸls ʧtɐɕɾ ʜɘtstɐj . ʜ O·dʒO·ʃ O·tɐɕɾʷ ɸ dzɬslzO·dzɟɬslsO·ʟO·ɕɾdzɬsj tɐj fɳɬsɘO·dzO·fɳ j ɑts tstʃʳ lsO·dʒɕɾ ɕ lsj dʒfɳɾdʒ dʒfɳʃO·fɳɾdO·j ɑts O·ɘlststɐɕɾlsj ls.

ʏ j lsʳ tɐj ɑtsʜO·dzO·ʟO·ʜ, 19 O·ʧtɐj dzʷ 1774 ɑtsʜO· tsdzO·lsO·ʃ⅁ʞj ʧtsdʒtsɑdzO·ʜtdzɑdz ʃ j fɳɾʒjtɐO·ɻ dzʸ ʃ⅁lz, tsʜdzɬsdʒz ɕʟ ɘɕʜdzɟɬʔʰ ɕ⊐ ʧtɐj ʜfɳɬsɘɕɾlsj dzɟɬʔ dʒzʟʳ ʃ⅁O·dz dzɬsɑts ʃ⅁dzO·fɳɾɕɾʃ⅁ɥɕɾʟdʒO·, ɘɘlststdz 107 tsʧj tɕ, ʟOɘtsj ɘO·lsᵘ ɪ O·tɐɕɾʞ. ɭ ɕ⅁tsɑʜO·Bʳ j dʒdz ɻlstsɑts dzɟ ʜtsʙɕɾlsᵘ fɳʸ Bj ʟ ʧtɐtslsj ʃ⅁ɥɕɾɕ ʃ O·tɐɕɾɕ ɸ dzɬslzO·dzɟɬslsʳ . ʀ ʜj dzɬs ʟʜj fɳ, Bj ʟlzfɳɑtsɘdzɬs, dzɟ ɘ ʃ⅁tsdʒʧtsʟɕɾlststɛfɳ⅁tsdʒlsO·dzO·dzɬsj . ɭ ɭ j dzɟ, ʃ⅁ɬ ɘʳ ʧtsdʒdzɑɕɾlsj, ɻ dzʸ ʃ⅁ lzɥɕɾdzʊlzO·dzɟɬslslz ɕɑtɐj dzO·wʷ tstɐtsj ʧɕ·O·dzɬs. ɭ ʳ tɐO·ʞO·ᵛ, ʧts-ɘɕʜɕɾdʒtsdzlz, fɳɘtsᵝ ʙdzO·ɑtsʜO·ɑdzɬsfɳʃᵘ ʟO·lztɐtsʃ⅁ɕ, tsdzO·ʧtɐɕɾɑdzO·fɳɥɕɾdzO·j ɑts ʧtsfɳɬsɘɕɾlsᵘ tstʃj tɐdz çʀ ʷʷ ɕɾɑj-dzɑʃʷɘ ɸ ɘdzɕʜj è.

ɭ j fɳɾʒjtsɬstɕʷ dzO·ʙj ʜfɳɬsɘj dzɑdzɬsj fɳɬsfɳɬstsʷdzɑʃj ʃ⅁O·ldzz ɕ dzO·ɘtɐO·ʞ ʜj ʙdzɬsj tslsdzɬsʰ j dzɑʃj lzɥj dzz ⊐ ʃ⅁tɐdzɑtsɘ ʃ⅁ j fɳɾʒjtɐdz, tsls ɕ dʒj dzɑʃ ɕ ʧts ʧtstɐdzɥj dzɑʃᵝ ʃ⅁tstɐtsdzɟɘʳ fɳdzɑʃdʒ ʧtsʞ j dzO·dzʧj tɐj ɑtsɘtstɐɕʃlsᵘ dʒɕ dzɑʃfɳɬstɕ. ʃ⅁lsts ʙʳ dz dzz ʙɕ dʒj ɥ ʃ⅁tstɐtsdzɟɘʳ ʃ O·tɐɕɾɕ ɸ dzɬslzO·dzɟɬslsʳ ɕ tsʜɕdzɑɕʟ ʧts ʃ⅁tɐtsɘɕʃlsj dzɟʔ ʃ j fɳɾʒjtɐO·ʙO·tɐtsdzʃ lzɕ-ʃ Gᵝ fɳɬs ʜj ɻ tɐj lsj ʔdz (Le Tonnelier de Breteuil, 1733ð 1807), dʒʃdzɑfɳɬstɕʜɘtstɐO·ɕ Gzʙj tɐdzO·ɬststɕɻ O·tɐɕɾʞ O· ʃ dz. lzɘj ʜtsdʒʃdzʃ j fɳɾʒjtɐO· ɥlsts ʃ⅁tstɐtsdzᵛ ʧtsʞ O·dzɬsɘO·dzj dʒlz ʧj dzɑfɳʃᵝ ɘ 20 000 dzʃɘtɐtsɘ. ʊ ʟdzɑɘ ts lsO·ʃ⅁tsdʒ dʒʃʟj tɐdzɬsdʒʧtɐj ʜdzɬsʞ j dzɑʃɕɾ, lzʷʟɘdzj dzɑdzz ʔ ʃ j fɳɾʒjtɐɕʟO·ʸɘɕʃdz, ɥlsts ʧtsʃ⅁ɕɾʜO·j lsʧtɐj ʜj dz

1750 dzʃəʦʦsə? [ʞ j ɡʦsʜdzʦ dzʞəʳ ʧdzʗʃsz dzʞʃujɛdʒdzɟ ʟɠfɰdzzʞ j dzʑz ⊐ ʧj dzfɰʃ? ʧʦɛɔʟʜdzʦ? ɔʦɛʃfɲjsʦʂʦɛɔʃsʃɛ
ʦɛɔfɲʂʦsʜʦsəɔʗdzʦsfɲ 28 dʒdzlzdzʃəʦʦsə.

ʃ ɔʦɛʃʷ ɸ dzʃszɔʗdzɟɨʃsʃɔʧʦʦsʜʦsdzʞɔʗdzɔʜɟdzʗɔʃˢ əfɲj, ɰʃsʦsʙʳ ʃ j fɰɡʒjʦɛʦsfɲʃɔʗdzfɲʷ ə ɪ ɔʦɛʃʞ j . ɪ ʦ j j lzʂɔʟɔʗdzʃᵍ
ʧj ʦɛəʳ ʔ dʒʃdzʃfɲjsʦɛʂʦsʦsdzɟə fɲʂʦɔʦsʜəʦsʦɛɔʌ ʦɛɔdzɰʃɛʃ ʜɟ ʃ ʦsʦɟʧɔ* ʧʦɛʃɡʗdzʃɲʃdzɟɡʦsʂ fɲjʙj, ɡʜj ʧʦsfɲɡjɟ
ʦsʙdʒjdzʗɔdʒɡjdzʃʷdʒʃ ʦsdzʃʰ dzʃʂ fɲʦsɡʗdzɔʸ j dzʗʃᵍ ɛ ʧʦsʜʧʃɛfɲɔʗdzʃ fɲɡjɟʜlzᵍ ʰ ɛʃj lzfɰdzsəɛʃʷ dzʒʞʜlz
ʧʦɛɔəɛʃsjɟdz fɲjsəʦsdʒ, fɲʦsʜdzʦʔ fɲjsʦʦsʦsdzʓ , ɛʃ ʃ j fɰɡʒjʦɛʦsdʒð fɲʜʦɛlzɡʦsʔ. ɪ ʦɛɔəɛʃsjɟdz fɲjsəʦ dzʗʃʧɛɔəɛdzʷj ls ʧʷlsˢ
ʜʦsʂlsʦsʦɛsə, ɛʃʟ ʂʦslsʦsʦɛʳ ⊐ lsʦsdzʂʦs ʜəɔʗdʒʦsɡʗlzlsʙʳ lsˢ ɰʦjɟʗdzʗɔdʒʃ lsjɟ⊐ tsʙʰ j fɲjsə, ʂʦslsʦsʦɛʳ j lzʞj əʳ fɲʃɔʟɔʗdzʃfɲ
ʧʦɛʦslsɛʃə ʃ j fɰɡʒjʦɛɔ ʀ j fɰɡlzʃ ʂʦsdʒʃfɲfɰɡʃʷ ʧʦs fɲʃj ɰʃɛʃɔdzʗʦɛɔʟʦɛɔʙʦslsɔʗdzʗdzʦʔ ʧʦɛʦsɡʦɛɔʟʦɛɔdzʷj ls ʧʷlsˢ
ʦsʙj fɲʃj ɰʃəɔʃ ʰ j ʔ fɲjsʦɛʦsɡʦs dzʗɔlzɰʗdzʗᵍ lsʦsɰʗdzʦsfɲjsˢ ɻ ʂfɲʃj ʦɛʃɛdʒj dzʗsɔ; ʧʦɛʃɛʟdzʗʃj ɔ ɪ ɔʦɛʃʞ j ʃ ɛ j fɰɡʒjʦɛɔʜʦsfɲjsʦʔ dzʗs
ʦɛɔfɲʃʦɛʦsfɲjsʦɛɔʗdzɟdzʗʃʷ. 2) ʂ tsʦɛʦsdzʃ ʌ ʦɛɔdzɰʃɛʃ ʧʦɛjʜʦsfɲjsɔəʃɛlsfɲjsəʃɛlzᵍ ʰ j j ʧʦsdʒjʰ j dzʗʃj, ə ʂʦslsʦsʦɛʦsdʒ
ʦsdzʃdzʦsʃɡʙʳ ʧʦɛʃɛʃdzʗʃɛʃdʒɔlsˢ ʙʦsdzʃ dzʃ ⊐ ʃ ɛʃʟɛdʒʗɛɔlsˢ fɲəʦsj lzɰjɟdzʗʃj əʦɛɔɰʃɔʗdzʃ 3) ɪ ʦɛɔəɛʃsjɟdz fɲjsəʦ dzʗɔlzʗɔɰʃɛʃls 20
000 dzʃəʦʦsə ʧʦsʞʃɛʟdzɟdzʗʃʦsʔ ʧj dzfɰʃɛʃ ʃ 10 000 ʜdzʷ lzfɲjsʦɛʦsʔ fɲjsəɔʧj ʦɛjʜɔəɛʃ dzʃ ʦsɡʦs j dʒʃz dzɟɰjɟʙdzʦsɡʦs
lzɰʦɛjʞ ʜj dzʗʃʷ fɲjʜʃdzʗfɲjsəj dzʗlzᵍ dʒəlɔʗdzɟ dzʗlzfɰdzsəɛʃj dʒɰʃsʙʳ ʃ j fɰɡʒjʦɛʦsfɲjsɔʗdzʃʷ ə ɪ ɔʦɛʃʞ j ʃ ɛ ə ɻ lsʦsdʒ
dzɟɰjɟʙdzʦsdʒlzɰʦɛjʞ ʜj dzʗʃʃ ʧʦɛʦsʜʦsdzʞɔʗdzɟɰʃɛʃˢ ʃ ɛ dʒʂɔʗdzɟ dzʗlzʃ ʙʦsɡʦs ʃ ɛ ʧʦɛʃɛʟdzʗʃj dzʗ⊐
əʦɛɔɰjʔ fɲəʦsj dʒʃz dzɟlsʦsʜlz.

ɹ fɲj ʂɔʃ ʙlzʜlsʦs fɲʃdzɔʜʳ əɔʗdzʦsfɲ ⊐ʦsʦɛʦsʰ ʦs. ʃ j ʞ ʜlz lsjɟdʒlz ʧʦɛʃɛʃdʒlsjɟdz fɲjsəɔʧʃʦsʷəʃɛʃdzʦsfɲ tsʧɔfɲjdzʗʃj, ɰʃsʦs lsjɟ
əʦɛɔɰʃɛʃ, ʂʦslsʦsʦɛʳ j ʙlzʜlzlsə ʂʦsdʒʃfɲfɰɡʃɛʃ ʃ ʧʦɛʃʟdzʗɔʸ lsˢ dʒɔɡʗdzɟlsʃʟdʒ lsjɟdʒfɲɔʗdʒʳ dʒʦsʙʲ ʷəʷlsəʦsʔdzʗz
dzɟʜʃɛʃɰʃɛʃdzʗfɲʂʦsdʒlzᵂ ɔʂlzdzʗlsjɟlsʗz, ʃ ʙʰ j fɲjsəlzəʦɛɔɰjʔ ʃ ɔʂʜjdʒʃɛʃ. ʊʦsɡʜɔəʦs ʃɛʟʙj ʞ ɔʗdzʗʃj əʦsʟdʒʦsʞdzʰ ⊐
fɲjsʦsdʂdzʦsəjdzʗʃʔ, ʂʦslsʦsʦɛʳ j dʒʦsɡlzlsʜʃɛʃfɲʂtɛjʜʃɛʃlsʃɛʃtɛʦsəɔˢ ʧʦɛəɛʃsjɟdz fɲjsəʦs, tɛjʰ ʃɛdzʗʃ, ɰʃsʦs dzlzɰʰ j tsʙʦsʔlsʃfɲ
ʙj ʟ ʧʦɛʃʟdzʗɔdzʗʃʷ ʃ j fɰɡʒjʦɛɔʂʦsɛʃʧʦsɛɔɔɰʃjʔ lzɰjɟdz ⊐, ʧʦs ʂʦɛɔʔdʒjʔ dʒjʦɛjʃ, dzʗɔdʒjʂʦslsʦsʦɛsj əʦɛjdʒʷ.

* ʃ tsʦɛjʧɔʃ ɔʗdzʌ tɛjʜj tɛʃɛʃʂ ʌ j dzʃɛʃdzʗdzʦs, ɡʦɛɔʷ ʜj (J. F. F. de-Maurepas, 1701ð 1791) ð dʒʃɛʃdzʗʃfɲjsʦɛ
ʂʦsʦɛsdʒjəfɲʂtsɡʦs ʜəʦsʦɛɔ; ʧʦslsjɟʦɛʷəʰ ɛʃʔ ʧʦɛʃɛʃ ʃ ʳ ʜʦsəɛʃʂj XV fɲəʦsʔ dʒʃɛʃdzʗfɲjsʦɛfɲʂɛʃʔ ʧʦsfɲjs ɔɔʃfɲəʦsᵍ ɛdzzᵍ
ɻ ʧɛʃɡʦɛɔʗdʒʃdzʗ dzɔɔʗdʒɔɔʂɛʃɛʃɔʟdzɟ ɹ tsdʒʃɔʜlzʦɛ. ʃ ʳ ʜʦsəɛʃʂ XVI fɰdzsəɔɔʗdzɔɔʗdzɰʃɛʃdzɟɡʦs ʧʃj ʦɛəʳ dʒʃdʒʃɛʃdzʗfɲjsʦɛʦsdʒ

ʃtɑtsHtsdzɳ(Oj lsɹɑ·fɳstsdzzᵏ ʃtɑ·OX lsʃʕlz.ʉ dzᵩGʕts?tɑzʕɑʃ dʒO·ɑʕɑʃLO·Hj ɹ(lzɑʃ tsdzʑʃtɑɑʃtsʙtɑj lsOj lsʃtɑtsLəɑʃʰ j çətɑ·OɹɑO·dzᵩɑʃLdzᵩɹɑʃdʒ ⊐è.ʉətsj dʒzʜtɑzGlz t lzdʒzʜj ʉj dzₓʃ tstɑ·Odzz∫ O·ɑ·GlsɳO·dztsəO·dzfɳʷ dzₓOLO·əɑʃfɳjsᴵ fɳptsɑʃ⊐ fɳjsʙtɑ·Oksᴵ j ə-dzj HɑʃʕtsəLO·dzₓɑʃdʒ·Oəʰ ɑʃ⊐fɳʷ ɑʃdzstɑɑʃGᴵO·dʒʃ ʃtɑtslsɑʃə dzᵩGts.ɹ tɑtsHtsdzɳ O·ʷ dzᵩɹɑʃlsᴵ ʙtsdᶻ dz ⊐,ɹɑlstsʙʳ tsʙj fɳʃj ɹɑʃlsᴵ fɳptsj fɳlzʰ j fɳjsətsəO·dzₓj,∫ O·ɑ·Glsəfɳjʙtsdzʰ j tslsʜGʃ lsətɑj dʒj dzₓ[,fɳʃdzɑʃ ədzₓ[dʒ·Odzₓʃʷ ʷɑʃLɑʃɹɑj fɳʕɑʃdʒɑʃfɳfɳɑzᵩʜtsəO·dzₓʃʷdʒ

[tsʕlststɑ∫ j fɳɑʃj tɑ,ʃtsdzzɹɑʃə ɑʃLəj fɳjsɑʃj tsʙ lzfɳʃj⊐O·⊐.I tsdᶻlsO·ɑʃ∫ O·ɑ·GlsO)ʃtsɹɑzəfɳjsətsəO·dzfɳjʙʷ Gɑdzzʙtsʕts lzʷLədzᵩdzₓdʒ ʉlstɑj dʒdzᵩj ʕɹɑʃdzₓlzdzᵩGts ʙtsdzᵩLdzᵩdzₓ ? ⊐O·ɑ·GʕlsjtɑɑI tʃɑʃfɳjdʒj tsls 29 dʒO·ɑlsO·1781 GtsHO·∫ j fɳɑʃj tɑɑʙdzₓGtsHO·ɑ·ɑʃls ʕtstɑtsdzᵩəlz LO·fɳjsHj ?fɳjsəɑʃj, dzts ɑʃLəɑʃdzᵂjlsfɳʸ, ɹɑlstsdzᵩdʒtsɤj lsʃtɑɑʃdzᵂlsᴵ j j tʃtɑj Hɑtsɤjdzₓɑʃj. ∫ dzₓdʒtslsɑʃəɑʃtɑlzj ls fɳptsʔ tslsʕO·L lsjdʒ ɹɑlstsHtsʙɑʃəGlsfɳʸ lstsdzʕts dzₓɑʃʰ ɹ tʃtɑɑʃLdzₓO·dzₓɑʃʷ ɑʃfɳjsɑʃdz ɑʃ ɹɑlstsʰ ɑʃtɑtsʕO·ʸ tʃtstʃlzdzᵂtɑɑʃLO·ɹɑɑʃʷ ɑʃHjɑʃ dzᵩ əɹ⊐tsHɑʃls ə j Gts tʃdzₓO·dzᶻ , tʃtslstsdʒlz ɹɑlstsɤɑʃətslsdzᶻ ? dʒO·GₓdzᵩlsɑʃLdʒdztsɤj ls fɳjstsdzʕts ɤj tʃtsfɳdlzɤɑʃlsᴵ ʙdzₓGlz dzᵏ Hj ?, fɳʕtsdzʕts fɳjsO·lsᴵ tstɑzHɑʃj dʒ Ldztslzʃtslstɑjʙdᵩdzₓ?. çʊj dʒdzᵩ dzᵩj dzᵩj ,ð tʃɑʃfɳO·dztsdzₓð ʷ tsfɳjsO·ʸ fɳ ə ɹ O·ɑ·ɑʃɤj HtsΘ fɳjʙtɑʷʙtɑʷ, GtsHtsəʰ ɑʃdzᶻ lstsGts HdzᵂzʕʕtsGHO·dzᵩHɑʃɹɑʃdzfʕɑʃ? ʷ O·ʕlzdz lsᵩls dzᵩ tʃtɑɑʃdzᵂdzdʒsj tʃtɑj Hdztsɤjdzₓɑʃjèɹ fɳj ɤj tsdzᶻ dzᵩ əʳ Hj tɑɤO·dzɑʃ 15 O·ʃtɑj dzᵂ tʃtsʕɑʃdzₓdz ɹ O·ɑ·ɑʃɤ, dzₓOʃtɑO·əɑʃəʰ ɑʃfɳ fɳdzₓɹɑO·dzₓəʃtsdzₓtsdzᵩLGlsj dzəʉtʃO)ə O·əfɳjstɑɑʃ?fɳʕlzᵏ ɹj dzGɑʃᵏ , ə fɳjəj tɑɑdztsj tʃtɑj HɑGtstɑᴵj ɸtɑHj dzₓdz.

ʃtsdzₓHtsdzᵩʃtsdzₓO·Htsʙɑʃdzfɳʸ ʃ j fɳdʒj tɑdz ə fɳpᵂLɑʃ fɳjGts O·əlststɑfɳʕɑʃdʒʃ ɑʃdzₓsj tɑj fɳjɹdʒɑʃ. ʃ dzₓtsʃlzʙdzɑʃʕtsəO·dzlsO·dzʒ fɳptsj fɳpɹɑʃdᵩdzₓɑʃj çPrecis his-torique des faits, relatifs au magnetisme animal, Jusque en avril 1781. Faculte de Vienne. Londres, 1781è (çʀ fɳjststɑʃɹɑjfɳʕɑʃj LO·dʒj lsʕɑʃ ts ᵂ OʕlsO⊐, tslsdzₓtsfɳʷʰ ɑʃ⊐fɳʸ ʕɹɑʃətslsdzₓdzᵩdʒ dʒO·GdzᵩjlsɑʃLdʒlz HtsO·ʃtɑj dzᵂ 1781 G.è). I ʉtʃO·ʃtɑɑʃʰ dzₓtsfɳj LO·Hj tɑɤO·lsᴵ fɳʸ. I ɹlstsdʒdʒO·dzᵩdzᶻʕtsdʒ ʕlztɑstɑlsdzₓdzᵩdʒGtstɑtsHʕjfɳjdʒɑʃdᵩdzᵩtɑO·dzᶻ dzᵩdʒʃətsHO·dʒʃtɑO·fɳjsɑʃdzɑʃ fɳjʃO·ɑɤlz.ʃ j fɳdʒj tɑdz⊐tslsj dzₓtsfɳj 'tslsHtsdzₓlsᴵ, tʃtsʃtɑO·əɑʃlsᴵ LHtstɑtsəᴶ j dʒʃdᵩdzᵩtɑO·dzᶻ dzₓts? ətsHtsʔ, dzₓts tʃtsGtsHO·lstsGHO·ʙlzHlsts fɳɹujtʃɑʃ fɳptɑəO·dzO·fɳj: ʙʳ dzₓts⊐tsdzₓtsHdzₓts, ʰ j dzʃtɑtsdzₓɑʃədzₓts? HtsɤHᴶ, LO·ststʃɑʃdzₓ Hj tɑj ədzₓɑʃ. ʃ dzₓtsGɑʃ⊐tʃlzlsj ʰ j fɳjsəlzᵏ ʰ ɑʃ⊐fɳjsɑʃ⊐ɑʃʷ LO·fɳjsO·dzO·ətɑO·fɳjʃdzₓts⊐. ɹ j tɑj ɤɑʃHO·dzₓɑʃ dzₓO·tsHdᵩdzₓɑʃj ʙO·ɑtsdzᶻ ɑʃ ʕdzᵂLᴶ ʷ tɑO·Ldzᶻ ⊐ dzₓɹɑʃ?, tsHɑʃdzₓO·dʒj tɑɑʃʕO·dᵩɹɑʃ tɑdzfɳjʕɑʃ? ɑʃL dzₓʃlstsəɹj ə, GtɑO·ᵂ ʃ Gɑʃdzₓʕɑʃ?. ʃ dʒdz əfɳjGts 17 dᵩls, O·tsdzlzɤj dʒO·ɑʰ O·dzʕtsdzᵂj Hj tɑO·ɹɑʃɑ, ɑʃ ʕlstslstslstsLHj fɳ tʃts⊐ɑʃlsɑʃdzlz dᵩjGts tɑtsfɳʕtsʰ dzₓᵏ lsOʙO·ʕj tɑʕlz, lzfɳ tʃO·dzₓdzᵏ ʙtɑʃdzdzɑʃO·dzₓsO·dʒɑʃ.

ɹ tɑʃəj tɑɤj dzₐrᵀ ʃ j fɳjdʒj tɑO·tsʃtsdzɹɑʃdzₓfɳ dzₓOlsj⊐, ʕlstsHtsʃlzfɳjsɑʃdztslsʲ j LH əj dzₓɑʃʕtsGts ɹjdtsəj ʕO·ɑʃL ɹ O·ɑ·ɑʃɤO) ɑʃ tʃtɑj ɤHj əfɳjGts dzₓO·ɑʃdzₓtɑ·ɑʃGO·dtsə ð ətɑ·Oɹj ? ɑʃL ʂ tstɑtsdᵩjəfɳʕtsGts dʒj HɑʃɹɑʃdzfɳʕtsGts tsʙʰ j fɳjs-

əOq ɥqdjdzsə dʒjнqɥqdzfʂtsɑtsʷʷO↓lzdžlsjlsO.I LO⁰ qlslz∫ j fɑdʒjtɛOtʃq^{h} lzlsfɲʸ fɑjsOs^{ɪ} q q вtɛts^{h} ᵡ tɛʳ .ɾ əO qLəj fɑjsdz⊐ ətɛOɥ[O; ɑtɛOʷ ɾ lz-dʒjdjdzq ɑtɛOʷ ɻj tɛOlzвls, tʃtɛq[dzʸdzqffɲ djdɥqls^{ɪ} вtsdzdz⊐ xqətslsdz dʒ dʒOɑdjlsq[Ldʒtsdʒ Otʃtsdlzɥqfə⊐tstɛts^{h} qj tɛjLlzdžlsOs^{ʳ} , tsdzʃ qLнOdzɥj dž j lstsdʒO, ə $↓$tslststɛʳ⊐ ətsfɲəOdžʷdzʃ ∫ j fɑdʒjtɛOq j ɑts dʒjlstsн.I ɹtstɛнts, ə fɑtsвtstɛj, Oввs^{ʕ} tɛəɹ j tslsɬtɛʳ lsts tʃtɛtstʃtsəj нlzjls fɲɬOʷj нtɛʳ lzɥj dzʃj ts xqətslsdzsdʒdʒɑdjlsq[Ldʒj. ʂ OLOdzsfɲ, ʷʷtstɛdslzdzʃOtʃtsəj tɛdlzdzɑfɲ dzq[ɥtsdʒ↓∫ j fɑdʒjtɛlz qj j dʒlz fɑdjнlzjls вj Ltslsdzɑɑsdsjdždzts ətsLətɛOlsq[ls^{ɪ} fɲʷ ə ɻ Oɛq[x. l ts tsdzɬfɲɥj dzɑdžɹ^{ɻ} lsts lstsdž↓ts lstsɑнO,↓tsɑнOнts djɑtsнts^{h} dzq fɑdlz⊐q, ɥqlsts j ɑts lzɥj dzɑ[↓ z, Oɛdžɾ j fɑdzsdzdzʃqfɲOdzlstɛO↓lsOls (çD'Eslonè, 1780, tɛ. 14) q tslsɬtɛʳ dzfəts? dʒɑdzɑ[lsdž ? ↓Oвq[djɑls.l j dʒsɑ^{ɪ}x j tsdzə fɲOdʒsdʒнj djɑ нtsʃlzfɲlsq[ls^{ɪ} , ɥqlstsв^{ʳ} lzɥj dzɑ[↓ tʃtɛjəLts^{h} j dzlzɥq[lsj dzʷ. ɾ lz^{h} OʃjfɑdʒjtɛOв^{ʳ} dzOtʃj tɛjtʃtsdzdjdzOfɲstɛOɲʂʷdʒq, ↓tslststɛʳ j əfɲ↓qfʃOdzq lsO↓ вlztɛdzts, ɥqlsts tʃtstɛts? ə^{ʳ} tʃdjfɲ↓q əOdzq[fɲ dzOнtɛdzLj ?. ɹ Oqʃtsнtsltɛq[ə ɾ j fɑdzsdzO ətʃtɛjнOsj dž fɲjəj , tsdzɬtɛjL↓ts tʃtstɛəOdzfɲdzɑ[dʒ ɻ tsfɲ↓tsdž↓lz, ↓O↓ fɲɥq[lsOdzʃ j fɑdʒjtɛ, j ɑts fɑdlzxj j dzɑ[j dzOlz↓j djdzO^{ɪ} dzts нtsdzɻdzts? tsɥj dzɑ[q, tsdz tɛj^{h} q[lsj dž dzts dʒjdžjls tʃtɛq[tstɛq[lsjls^{ʳ} : dʒOsj tɛq[Odz dz ? q[dzsj tɛjfɲfɲsOdzsəq[lsfɲʸ tʃtɛjнtʃtsɥlsq[lsj dž djj dzOlzɥqdzsɑts.I j tɛdlzəh q[fɲ ə ɻ Oɛq[x, ʃ j fɑdʒjtɛtʃtslstɛjвtsəOdztslstʃtɛOəq[lsj dž fɲjəOLOfɲj↓tɛjls xqətslsdzsɑts dʒOɑdjlsq[Ldʒ0500 000 dzq[ətɛtsə.ɻ tsdlzɥq[ə tsls↓Ol, LO^{ʸ}əq[dz, ɥqlsts, j fɑdzq[j ɑts djɑ ɥj dzʷls, tsdzɑdzOəfɲjɑнO tsfɲjSədzʷjls ʌ tɛOdzɑɥq[ᵡ . ʏ lstsв^{ʳ} j ɑts lzнj tɛxqOs^{ɪ} , нtɛdzL^{ɹ}ʷ q[lzɥj dzɑ[↓q tɛj^{h} q[dzq[fɲjsвtɛOs^{ɪ} нj dž ɑq[. ɻ tɛlztʃtʃO j ɑts lzɥj dzɑ[↓tsə əts ɑdzəj fɲOнətsɬOstsdʒɹ j tɛɑOfɲjsdʒq[вOdzɑ[tɛtsdʒ ş tstɛdzɑdʒOdzɑtsdʒtstɛɑOdzɑ[Ltsə OdzOə dʒOdsj 1983 ɑtsнOO↓ɥq[tsdjɑtɛdzɑtsj tsв^{h} j fɑjsəts q tʃlzfɲjsq[dzəə tʃtɛtsнOqlz O↓ɥq[q tʃts fɲjsts dlzq[нtstɛtsə ↓Oqlнo^{ʸ}. ф↓ɥq[q fɲ↓lztʃq[dzq[вtsɑOs^{ʳ} j lzɥj dzɑ[↓q[∫ j fɑdʒjtɛO, ɥqlstsв^{ʳ} ə^{ʳ} tʃtsdzdzɑ[ls^{ɪ} , ↓O↓ tsdzɑ[ɑtsətstɛq[dzq[, tʃts tslsdzɑts^{h} j dzɑ[^{ᵡ} ↓ ∫ j fɑdʒjtɛdz çɥj dzɑtsəj ɥj fɲ↓q[? нtsdzè.

I tɛjLlzdžlsOsj ɻ lstsʔ O↓ɥq[q[∫ j fɑdʒjtɛctʃtsdlzɥq[dzdjdjdzjdjj 340 000 dzq[ətɛtsə.l Oɻ lsq[fɑtɛjнfɲjsəOtsdz fɑdzq[dʒO]lstʃtsdjj^{h} j dzɑ[j q tslsɬtɛʳ əO]lstʃdzOlsdžj ↓lztɛfɲ, dzO↓tslststɛʳ⊐tsвj^{h} Odztɛ[O^{j}ʷfɑdzq[ls^{ɪ} нtɛO↓tsɥj dzdžj lsO?dž fɑjtsj ? çɑdlzвts↓tsdʒ fɑdjdzdts? è lsjtstɛq[, dzts tʃtɛq[tsHdzdsdʒlzfɑdtsəq[q[: çj ɑts вlzнlž^{h} j j вlznjls tsвj fɲjj ɥj dzts q tslsɬtɛʳ lsq[j dzɑ[↓tsɑнOdjɑ вlznjlslzʃtslstɛjвdjdzts əts Ldts, Oj ɑts tʃtɛq[tstɛq[lsjls ə ɻ lstsdʒ tslsɬtɛʳ lsq[q dzɑ[↓tsdʒž djɑ вlznjlstslsнOdè. ɹ O↓ɬlztɛfɲdjɑ↓ɥq[? tsdzdOLdO]ɥ[j]lsə^{ʳ} fɲjs↓lzᵡ tʃdO↓slž ð 2400 dzq[ətɛtsə. ʉ dO]ɥ[dzO]∫ j fɑdʒjtɛcdO]вtɛOdzdO↓lztɛfɲвtsdjj 100 ɥj dzts əj↓ q[fɲjsвtɛOdž240 000 dzq[ətɛtsə, ə q[ᵡ djɑ 1784 ɑtsнOɥq[fɑdzs fɲjslznjdzstsə ə^{ʳ} tɛtsfɑdzs нts 300. I fɲ↓tstɛj djɑ↓ɥq[q Me-

ʙOɑ∉qtɶOʂ tstɶɑɻʒOɑɻɑɶOdɑɶOtʃtɶtsʃujfɳɲj (1787ð 1789) tʃtɶtslsʃɵ ɹtsdʒOtɕʰ j. ʍtslsʷ ɹjtɶɢCfɳɲjtʃtɶtsʃujfɳɲ tʃtɶtsʃɢtɶOɑzʃ ɹtsdʒOɑɕʰ j jɢts ɤjfɳkstsʕts tsfɳɑjʷdzɵ fɳptsj ʔ çMere courableè, ʃʟɵjfɳkstsfɳkʰ jɢts ʙʳ dɑOlsOʕ ɵjdɑʃʕO, ɻlsts lstɶjlsʰ j fɳtsfɳɑtsɵʃj ʃ ʃtsdɑɶOʃʟʙtɶOɑts jɢts ʜjtʃlzlsOstsdʒɵ ɹjdɑɸtɶOɑz dz j ʰ lsOksʳ .

ɭ j ʙlzʜlzɻʃ tʃtɶʃɵjtɶɤjdɑɻjdʒOʙfɳtsdz lsʃʟdʒO, ɹjtɶɢCfɳɲɵfɳkslzʃtʃqʃdzɵ tʃtsfɳkstsʷdɑɶz j tslsɑɶsʰ jdɑɶʃʷ fɳ ʃʁ ʜtsɵqʕtsdʒXVI qʃtʃtsfɳ dɑOɑzjdʒz fpptsq ʕtsdɑɶfɳkʃlslzɻqʃtsdɑɶz j tʃtɶtsj ʕlsʳ . ɻOᵘ lsts tsdzʃtsʃdɑOksqʃdɑɶyɹ tɶʃ ɵLʷlsqʃ ʊʁ qʃdzɶtɶʃ, 10 OɵɢlzfɳkʃO1792 ɢtsʜO, ʕtsɢʜOʙʳ dɑOdɑʔʜjdɑOjɢts tʃjtɶjtʃqfɳʕOfɳʃ ʁ ʜtsɵqʕtsdʒXVI, jdʒzʃtɶʃʰ dɑsfɳ fɳʕtɕ ɵOksʲ fɳy. ʃ lsfɳʃʜjlsʲ fɳy jdʒz dɸ lzʜOɑtsfɳ: jɢts tɶOLʳ fɳʕOɑzʃɵ 1794 ɢtsʜlz qʃ OɑɸjfɳkstsɵOɑzʃ. I ɹ Cfɳkʃdɑzʃqʃ tsdzLOʜjtɶɤjOɑfɳʷ dɸdɑOʜtsdɑɢts: ɵ 1795 ɢtsʜlz tʃtsdzɻqʃdzfpptsʙtsʜlz tʃts Oɑʒdɑɶfɳkʃqʃ. ɹjtɶɢCfɳɲɵjdzʃjtɸjtʃqfɳʕlz fɳtɶsfɳɲʃʔ fɳʕqʃdʒqʃdʒʃjtɶOkststɶsdʒϕ dɸʕfɳOɑzʜtɶsdʒI ʜts fɳOɑʒsʔ fɳɑjtɶlsqʃ tʃtsfɳɑjʜdɸɢts, tʃjtɸjɤqʃɵjɢts dɑOfɳjdʒʲ dɸls.

ɭ qʕtsdɑOɹjtɶɢCfɳɲtstɶɢOɑɶʃʟtsɵOɑzʃ ʙʱ jfɳkɵts ɢOɑɶdʒtsdɑɶʃqʃ, ɵ ʕtslststɶtsdʒfɳpsfɳkstsʷdɑs 430 ɻjdɑsɵjʕ. ʃɢts ʷʷqʃdɑʃqʃOɑz ɵfɳʕtsɸjtslsʕtɕʳ dɑʃqʃfɳ ɵ ɭ Oɑɑsj, ɹtstɶʜts, ʃ qʃtsdɸj, ʜlstɶCfɳpzlɶtɶɕj, ɹʃtɸjdɑsʙdɸj, ʃ tsdɸjjdzj, ʃ Oɑɶfɳjdɸj, ʃʃ qʃɤjtsdɸj qʃ dʒɑsɢɶʃ⊐ ʜtɶdzɢɶʃ⊐ ɢtstɶtsʜOT. ɾ Oɑz⊣ tsdz ɹ tɶʃqfɳpptsɵfɳkslzʃtʃqʃdzɵ ʃ ʙʱ jfɳkɵts ɢOɑɶdʒtsdɑɶʃqʃ dɸlstsdʒ1785 ɢtsʜO. I dʒjfɳpjtɶtsɵfɳʕtsdʒʜɵqʃɤjdɑɶʃqʃ tsdzʃʃtɶtsfɳqɶɵqʃdzfʷ lsjdʒ ɻlsts dɑOʃqʃfɳOɑzdʒjfɳpjtɶʃɻjfɳʕqʃ dʒOɑɶʃʷjfɳkʃ çUn mot Oᵘtsɢjzɻj des academiciens de Parisè. ɭ jʜOɑɸʕ lstsls ɻCfɳ,ʕtsɢʜOʷʷtɶOɑɑlzLʳ dɑOɻqɑɶlslzʃʃtslstɶjʙdʷlsʲ ɢɶɑOɢtsdzçʙtɶʃqfɳpptɶts-ɵOksʲ è, ɻlsts tsLdɑOɻqjlsʃqʃdɑstɶʃqʃɢtsɵOksʲ ʃ⊐ʃlstɶʃlsʲ .

ʈjɵtsdz ɻqʃtsdɑɶz j ɵdɑCfɳkʃɵ dɸdʒtɶOLʙjtɶzlsfɳy lstsɤj, ʃ tʃtsfɳɑjʜɵlz⊐ dʒjfɳyɻjɵ LOʕdz ɻjdɑʃʷ ɵ ɹ Cfɳkʃqʃdɑʃqʃ jɢts tslstʃtɶOʷls 31 tsʕlsʷʙtɕʷ 1793 ɢtsʜOdɑOᵘʰ Gʷtsls. ʂ ᵘlstsʔ dɑʃɻqɑsfɳkʃqʃdʒʳ jʱ j ɵjtɶdɸjdʒfɳy ð tsdɑOlstsɢts LOfɳɑlzɤjʃɵOʃj.

I fpjlsOʔdɑsj fɳkOɑsɵʃlsfɳyʷɵdz dʒ

ʊ ʕtstɶslsʕtsɢtslzdʒOð ʜdɑʃqʃdɑɶz ʔʷLʳ ʕ. *ϕtɶffɳkstsʷOɑz*

ʃ tsʕlststɕʃ j fɳɑjtɕLdɑOɑz ɻqʃtsfɳʷlstsʔ tʃtɸjfɳkstsdzdɑzɤjʜOjlsfɳy ɵ fɳʃqʃdɸj, fɳʃʃtsdɑʒsʱ ɹʁ ʕtslststɶtsʔ tsʕtsdɑsujtɶʕtsɵdz j tstɶɕjdɑOʃtʃtɶʃLɵOɑzdz j tʃtɶtsʃOɢOɑʜqʃtɶtsɵOksʲ ɵjtɶdz, dɑsɢɑʃqʃʙʳ dɑOfɳʃqʃdzdɑsɵʙqʃɵOksʲ jj ɵ ɢtsdɑsɵʳ , tɶOLɤjqʃɢOksʲ ɻʕLOɑzlsOɻqʃʁ ɵtʃjɻqOsdɑʃqʃlsjdzdɑsʔ tʃOfɳkɵʳ . ʃ j fɳɑjtɕtʃtɸjʜdɑOɢOlsʕOɑzʜqʃHOksOɑʒ ʙtsɢtsfɳɑɑsɵqʷ ɻqʃlsOksʲ dɸʕɻqʃqʃ ts ɤjqʃɵtslsdɑsdʒ

ʃ ɕ⊓⊙ɑɕdzzɻ tsǂ?ʷʷjls

ʂ⊙ɬʜʳ ʔ fɳɰlzʰ ⊙ʂjɕdz ɕʐjfɳɰʐjtɑtsɔfɲʃɕ⊓ʕlztɑfɳʂɔ, ʜ⊙ɬjɻjfɳɰkɕʃtsɕzʙʳ ɕzɔtɑ⊙ɻtsɕʒ, tʃtsʜɔjtɑɢ⊙ɑlfɲʸ fɳʂtɑtsɢʰtsɕʐʓʐ ɻʕʟ⊙ɑlʐjɕɑlz. ʂ tɑtsɕʐjɻ lʂtsɢʰts, tsɕzʜtsɕɑkjɻɻzʙʳ ɕzʃtɑjʜfɳʂ⊙ɔɕlsᴵ tʃtsʰɑzɻɕʃlsjɻɕz fɳʂɔts tslsɕɑsfɳʃlsjɻɕz ɕɑs fɳɔtsjʔ ɕɑɑ⊙ɔfɳʂɔjɻɕɑɑsfɳʂɕʃ. ʊ ɻɰjɻɕɑɑʃʕɕʃ ʜ⊙ɔ⊙ɑlɕʃ tʃɕʃfɲɻɕʐjɻɕɑɑsjɻ tsʙʷʟ⊙ʂjɻɕz fɳʂɔts ʜjɻtɔ⊙ɻ⊙ʂᴵ ɔ lsǂ?ɻɕʐjɻ fɰjʕtɑjlsʳ ⊙ɻɕʃɔtslsɕɑsɢtsɻɕʐʓɢɕʐjlsɕʃʟɕʐʓ⊙ɕʃ ɻɕɑɑʃ tʃtsʜ ʕ⊙ʕɕʃɕʒtʃtɑjʜɻɕɑsɢtsɕʒɻɕʐjɻ tɔ⊙ʟɢɕɑɢʰ ⊙ʂᴵ fɳʂtsʙʰ jɻɕɑɑzʓ jɻɕʃɕʒfɳɔjɻʜjɻɕɑɑʃʷ. ʃ ʜɻɑɢʕtsɻɕʐjʕtslststɕʳ jɻfɳɰkzʰ ⊙ʂjɻɕzɻɕʃfɳɰkɔtsɔ⊙ɻɕʐjɻfɳɰjɻtɔ⊙ɻɑzɻɕʃ, ɕʃ ʃ jɻfɳɰkʒjɻtɑzɻtʃtɑɕʃʰ ɑzsfɲ ʜjʟ⊙ɔlzɕʃtɑtsɔ⊙ʂᴵ ɕ⊓ fɳʂtsʙʰ jɻɕɑɑʃʷ.

ʃ 1785 ɢtsʜlzɔɔɻ ⊙ɔtɑɕʃʕjɻtʃtsʷɔɕʃɑɕʃfɲ lstɑɕʃ fɳʂ⊙ʂᴵ ɕʃ, ⊙ɔlststɕʳ ʕtslststɕʳ ⊓ tsʙɕɑ⊙ɔtɑtsʜtsɔ⊙ɻɑzʃ lsǂ?ɻɑzʍᵍ fɳɰʃfɳʂjɻɕʒzʃ jɻfɳɰkjɻtɑ⊙ɻ jɻtɑɔ⊙ʷ tʃlzʙɑzʃʕ⊙ɻɰʃʷ tʃtɑɕʃɑɕ⊙ʜɕʒjʕ⊙ɻɑz⊙ɻzɻɰjɻɑɑʃʕlzɾjɻfɳɰkzsɑɕ⊙ɻɕʒʔʙ-ɕʒjʜɕʃʕlzfɳʂ⊙ɔɑʰ jɻɢtsʙtɑ⊙ʂ⊙ʃʷ ʜtsɔɕʃʕ⊙XVIʂtsɕʒjʜjɻ ʃtsɕʒʂtɑtsɕʒᴢ . ʕlstsʙʳ ɑzɕʃʟ⊙ʃɕʃfɲ⊙ɻɑzᴢjɻ ⊙ɔlststɑtsɕʒɕɑɢfɳʂ⊙ɔɕʒjɻɑɑʃʷ ʃ jɻfɳɰkzjɻtɑ⊙ʕʕ⊙ʕ tsɕzɕ⊓ tʃtɑjtʃtsʜ⊙ɔ⊙ɻzɔʃ ʙʰ jɻfɳʂɔjɻ gɢ⊙ɑɔʒtsɕɑsɕʃɕɾ. ʃ fɳɰkzsɔɕᴢ jɻtʃtsɕɑtsʕkjɻɕɑɑʃʷ ʙʳ ɑzɕʃtʃtɑjʜfɳʂ⊙ɔɕʒjɻɕɑɑʃʷ ɔ 344 lsjʟɕʃfɲɢ⊓ tʃtsʜ ɕɑɢʟɔ⊙ɻɑzʃjɻɕʒçʈ ⊙ʟɕʒʰ ɕʒjɻɕɑɑʃʷ ts ʕɕʃɔtslsɕɑtsɕʒɕʒɢ⊙ɢɕʒjɻlsɕʃʟɕʒjè.

4 ʷɕɑɔ⊙ɑʷ 1785 ɢtsʜ⊙ɔ tʃɕʃfɲɻɕʒjʃ jɻfɳɰkzjɻtɑ⊙ʕ ɕʃʟʜ⊙ʂjɻɕz tʃ⊙ɑɔɕʃʕlfɳʕtsɢts ʕlzɔɑɔɑ⊙ɑɔɕ, ɔ ʕtslststɑtsɕʒtʃtsʷɔɕʃɑɕʃfɲjɻɢtsɢʷtstɑɔɕʃʟɕʒʳ, ɢtsɔɔtstɑɔɕʃlsfɲʸ, ɻɰlstsɔɕɑɕ⊓ɔʕtɑ⊙ɑlɕʃfɲʃ tʃtsɢtɑjʰ ɑzsfɳʂɕʃ. ʃ ɕzʜtsʙ⊙ɔɕzʷjɻls, ɻɰlstsʻlstsfɳʂɻɰɕʃɑɕʃjɕɑɕʃjɻlstsɻɰɑzstʃjɻtɑjʜ⊙ʃlsjɻɢtsɕʒʳ fɳɰkzʃ, ʙtsɕɑjɻjlstsɢts, ɕʃfɳʕ⊙ʕ⊙ʃlsɕʃ⊓. ʀ tʃtsfɲjɻɕʒzɕtsɕzɕɑjɻtʃtɑɕʃʟɕʒʃ⊙ʃlsʻlstslslsjʕfɳʂɕʃ, jɻfɳɰkzʃʕlsts-lstsɕɑzʜlzɕʒ⊙ʃlsɕʃɕʒtɑzʕtsɔtsʜfɳʂɔtsɔ⊙ʂᴵ fɲʸ, ɕɑjɻtslsɔjɻɻɰ⊙ʃlsʟ⊙tʃtsfɳɰkjɻʜfɳʂɔɕʃʷ. ʃ ⊙ɑɕjɻjtsɕzɢtsɔtstɑɕʃls: ɕʊɻɰjɻɕɑɑʃʕɕʃjɻɕzʷtʃtɑjʜ⊙ɑlzɕʃʙtɑtsʰ jɻɕɑɑzʓjɻɕʒɑɑsɢʙlzɕʒ⊙ɢɕʃʙjɻʟʜtsʟɔtsɕjɻɕɑɑʃʷ tsʙɕɑ⊙ɑtsʜtsɔ⊙ɑlz, ɔtsʟɕɑtslzʃtsltɑjʙɕʃɕzɔɻjɻ⊓ɕɑɑʃʕ⊙tʃtɑɕʃjɕɑɑʃʷ ʞɕʃɔtslsɕɑtsɕʒɕʒɢ⊙ɢɕʃʙlsɕʃʟɕʒ⊙ɔʳ ʜlzɕʒ⊙ɑlz⊙è.

ʃ ʜɕʃɕzɕʃʟ ʟɕɑ⊙ltsʕtsɔ ɕʃtʃtsʕtsɔɕʃɑɑsɕɑɑʃʕtsɔlzɻɰjɻɕɑɑʃʷ ʃ jɻfɳɰkzjɻtɑ⊙tʃtsʜlsɔjɻtɔʞʜ⊙ɻlsjɻɢtstsʙɔɕʃɕɑɑʃʷ. ʃ ɕzʃɕʃʰ jɻlsɔʻlstsɕʒʞjɻʞlzɕʒtɑɕʃɑɑsjɻ, ɻɰlststʃlzʙɑzʃʕtsɔ⊙ɑlzɑsjɻ fɳʂɻɰɕʃɕʒjɻɕɑɑʃjɻɔʟʜtsɕʒtɑsɕʃɔtsɕjɻɻɰɕʃlsɔfɲjɻɕʒʟ⊙ʕtsɕɑ⊙ɑlɕʒʷʷɕʃʟɕʃ. ʃ ɕzʃtɑjʜtsfɳʂjɻtɑjɢ⊙ɻlsɻɰɕʃlsᴵ⊙ʂjɻɕzʔtslsɻɰlsjɻɕɑɑʃʷʻlstsɢtsʙjɻfɳɰkzʳ fɳɰkzjɻɕɑɑʃtsɢtsfɳʂɻɰɕʃɕʒjɻɕɑɑʃʷ, ɕɑ⊙ɑlzɑsfɲʸʰ jɻɢtsʟzʰ jɻtɔʙ ⊙ɔlststɑɕʃlsjʟsjɻlzʃ jɻfɳɰkzjɻtɑ⊙

ʃ lststɑ⊙ʸ fɳʂ⊙ʂᴵʷ tʃtɑɕʃɑɕ⊙ʜɕʒjʞɕʃlsʃtjɻtɑzʜtsʕlststɑ⊙ɕʒjʜɕʃɻɰɕʃɑɕʃfɲʕɕ⊓ ɑɕ⊙ʟzʕ⊓ tsɕɑɕʒjʟs⊙ tsɕɑ⊙ɑlɕʃʳ ɔ⊙jʟsfɲʸ ç⊓jtstɑjlsɕʃɻɰjʕfɲʕtsjɻɕʃtʃtɑɢ⊙ʕlsɕʃɻɰjʕfɲʕtsjɻfɳɰkzʃɻɰɕʃɑɕʃjɻɕɑɑʃjɻtsʞɕʃɔtslsɕɑtsɕʒɕʒɢ⊙ɢɕʒjʟsɕʃʟɕʒjè. ʃ ɕzʃʔɢtsɔtstɑɕʃlsfɲʸ, ɻɰlstsfɳʂɻɰɕʃɑɕʃlsjɻɕz ʞɕʃɕzɕʒjʕʕ⊙ʕɕʃɔtɑ⊙ɑlɕʃjɻɕʃɔʳ ɔjʜ⊙ɑlzɕʒjfɳɰkzjɻtɑtsɔfɲʕɕʃʔɕʒjlstsʜ, ɕzɕʒjʞjɻfɳ⊙ɑlʒɕʒɢ⊙ɢɕʒjʟsɕʃʟɕʒjɻtɑzjɻls. ʃ tsɔɔjʜjɻɕɑɑʃɕʃ ⊙ɔlststɕɢtsɔtstɑɕʃls, ɻɰlstsjɻfɳʂʰ lsǂ⊙ʕɕʃjʻʕfɳʂtɑjɻɕʒɢ⊙ɑlzɕzɕjɻfɳɰkzɻɰ⊙ɕʃ, ʕtsɢʜ⊙ɕʒɢ⊙ɑlzɕʒjʕtslstsʜ ʞɕʃɔtslsɕɑtsɕʒɕʒɢ⊙ɢɕʒjʟsɕʃʟɕʒ⊙

ɯlsts ɑ∫ʟɑzsʏ j ɑzɑzsɑʒz ə ɻ lsɑ∏ tʃ lzʙ ɑzɑ∫ʕ⊙ɯɑ∫ʷ∏ ɑzɑ∫ʕlsts ɑʒ tʃ tsəj tɑɑ∫ɑz.ɻ tɑɑ∫ɯɑ∫ɑ⊙ʙʳ ɑ⊙ʙ⊙ɑz⊙ɑz ɑz⊙ ə fɲj
əʳ ɠɑzʷнj ɑzs tsɯj ɑz tʃ tɑtsfɲjsts, ⊙tʃ tɑtsfɲjstsj ɑʒ ɑʒsʏ j ls tʃ tɑtsɑ∫ʟətsнɑ∫lsᵘ ɯlzнj fɲɑzsj нj ?fɲjsəɑ∫j, ʕ⊙ʕɑ∫ɑʒʷəɑzʲ j lsfɲʸ
ɑ∫fɲjj ɑʒ j ɑzɑ∫j . ʊ⊙ʕtsj lzʙ j ʏ нj ɑzɑ∫j fɲɑzsʏ ɑ∫ɑzsʃɲ ə tsʙʰ j fɲjsəj ɑzɑzsɑʒ fɲtsʟɑz⊙ɑzɑ∫ɑ∫ ɑ∫ʟнtɑj əɑʒ . ɻ ɑz⊙ʸ, ə ɑ∫нɑ∫ɑʒts,
ɻ lsz tʃ fɲɑ∏tsɑzsɠɑ∫ᵏ tsʙʳ нj ɑzɑzsɠts fɲtsʟɑz⊙ɑzɑ∫ʷ, tslsʕtɾ ə⊙lsj ɑzɑ∫ ç ɯlzнj fɲè нj ɑz⊙ɑzɑ∫ ɑ∫ʟ ɑzɑ∫∏ ls⊙?ɑzz. ʂ ɻ lstsɑʒz ɑ∫∏
tʃ tɑɑ∫ʟʳ ə⊙ɑzɑ∫ tʃ tɑj tʃ tsн⊙?ə⊙lsj ɑz ʉ tstɑʙtsɑzɑzz fɲəʷlsts? ɸ ɑz ʙ j tɑɑls.l j ɑzɑ∫ʕɑ∫? (ʷ tsɑz.ɪ tsɑz tʃ lsj нlsfɲʕɑ∫?). ʕ lstsls
нtsɑʒɑ∫ɑzɑ∫ʕ⊙ɑzj ɯ, fɲɑzɑ∫fɲʕə⊙ʰ ɑ∫? ls⊙?ɑzz, ɑzs tsls tʃ tɑtsɯɑ∫∏ʷ lzls⊙ʸ ɻ lsz ls⊙?ɑzz ls⊙?ɑz, ɑ∫ʙts ɑz⊙ʸ j ʙɑz⊙ɠtstɑtsнɑzsj ɑ∫fɲʕlzfɲjsəts
ɑʒtsʏ j ls fɲjs⊙lsᵘ tʃ tɑj нɑzj lstsɑʒɑ∫ ɑ∫fɲjstsɯɑzɑ∫ʕtsɑʒlə⊙?ɑ∫fɲjsɑ∫. ɻ ɑzzɑtʃ ɯʳ ɠɑzʷнʷls lə⊙?ɑ∫fɲʕɑ∫ə⊙ʸ ʰ j ɑ∫ əɑʒj fɲjsj fɲjlsj ɑʒ
ɑz⊙нɑzj ɑzɑzs ɑz⊙ɑz⊙ʸ j "l j ɑzɑ∫ʕtsj нj ʷ ɑzɑ∫j ", tʃ tslstsɑʒz ɯlsts ɑ∫ɑʒ fɲ⊙ɑʒɑ∫ɑʒtsɑzs ɑʒ нtsfɲjslzʃ ɑzs. ∫ ɑzɑ∫ tʃ tsᵘ lstsɑʒz
tʃ tsɑz⊙ɠ⊙ʸ ls, ɯlsts tsɑzs ɑʒ ətsʟɑ∫sʏ ɑzs. ʉ ɑʒ нə j ɑʒʳ j lə⊙?ɑ∫fɲjᵍ ʕ нj ɑz⊙lsj ɑzʷɑʒ fɲj ɠts, tsɑz∫ fɲɯɑ∫ls⊙ʸ ls
lstɑzʏ j ɑzɑ∫ʕtsə ɑz⊙ʸ j ɠts ɑ∫fɲjzfɲjjs⊙⊙ʷʷ⊙ɑzʰ ɑ∫ətsɑ∫sɑʒ lsɯɑ∫ʕ⊙ɑʒɑ∫. ɻ ɑ∫ʕtsɑ∫z ɑʒ tslsʕtɾ ə⊙?ɑ fɲj ʕtɑj lstsə lsətsj ?
tɑ⊙ʙtslsʳ ! ∫ fɲjj tɑj ɠ⊙?ɑ fɲʸ tʃ tsfɲjststɑtsɑzɑzɑ∏! ɾ ə⊙ʏ нʳ ɠtsətstɑᵍ lsj ʙj , ʙlzнᵘ tsfɲʒslstɑɑ∫lsj ɑz ɑzz ɑʒ..è (ɯɑ∫ls. tʃ ts:
ʉ tsʕtsɑzsə, 1979, fɲj 336).

ɸ ɑz ʙ j tɑls.l j ɑzɑ∫ʕɑ∫?, lzɯj ɑzz ? j tʃ ɑ∫fɲjtsʃ, fɲjs⊙ɑʰ ɑ∫? fɲjsətɑj ɑʒj ɑzɑzɑ∫ʕ ʌ tsɑʒʳ ɸ ʕəɑ∫ɑzɑfɲjʕtsɠts ɑ∫ j ɠts
ɑzɑfɲjs⊙ɑzɑ∫ʕ, ɑʒɑzsɠtsɑʒz ɑz⊙lzɯɑ∫ɑzfɲʸ tsls⊙ɑ⊙ʙtsə ɑ∫ j ətɑj j ə. ɻ⊙ɑʒj ɯ⊙sj ɑz ɑzz ɑʒ j ɠts ʙtsɠtsfɲjzsə fɲjʕɑ∫j
fɲjsɯɑ∫ɑʒ ɑzɑ∫ʷ, ə ʕtslstsɑtɾ ∏ tsɑz∏tslsj ɑzʃ tsнʕtɑj tʃ ɑ∫lsᵘ ʷ ɑ∫ɑzsfɲjsʷ ɑ∫j ? ɸ tɑɑ∫fɲjstslsj ɑz ∏tɑ∫fɲjsɑ∫⊙ɑzɑfɲjʕɑ∫j нtsɠɑʒ⊙lsʳ , ⊙
j ɠts lə⊙ɑz lsɑ∫ʷ j fɲjsj fɲjsəj ɑzɑzz ɑʒɑ∫ ɑz⊙ɑzʕ⊙ɑʒɑ∫, tsfɲjsʙj ɑzɑzs ∏ɑ∫ɑʒɑ∫j ?: lнj fɲ tsɑzʃ tɑj нlsj ɯ⊙ɑzsətsʔ ɑz⊙ɑzʕɑ∫. ∫ ɑʒj ɑʒ
fɲjslн⊙ə⊙ɑzsfɲ ə ʉ tɑj нɑzɑ∫j əj ʕ⊙ɑʒɑzsɠts ɑʒj ɠj ɑzʉ, tʃ tɑɑ∫tʃ ɑ∫fɲ əʸ ʰ ɑ∏ j ɑʒz fɲjtsfɲjsʙɑzsfɲjsᵘ lsətstɑɑ∫lsᵘ ɯlzнj fɲ⊙
fɲjɑ∫ɑzsᵏ ɑʒ⊙ɠɑ∫ɯj fɲʕɑ∫∏ lɑz⊙ɑzɑ∫?.

∫ fɲjstɑtsɠtsɑʒ fɲjs∏tɑ⊙ɑzj ɑzɑ∫ɑ∫ lsɑ?ɑz ɠtsətstɑ∫ɑzɑ∫ ɑ∫ нtɑzɠɠɑ∫j əʳ нɑʸ ʰ ɑ∫j fɲʷ ɑʒ⊙fɲjsj tɑ⊙lstɑ⊙ɑzfɲjɑzlsɑ⊙ɯɑ∫?:
ɸ tɑɑzsɑz н ɑ∫ʟ .l ɑ∫ɑzɑ⊙ɑzsəʳ , l ɑ∫ʕtsɑz⊙ʌ ɑz⊙ɑzj ɑz ɑ∫ j ɠts нlz∏tsəɑz ? ɑz⊙fɲjs⊙əɑzɑ∫ʕ ɻ ⊙ɑ⊙ɑ∫ɯj ɑz fɲ.l
fɲjstslsəj lsfɲjsəɑ∫ɑ∫ fɲjlstɑ⊙нɑ∫ɯɑ∫ʷɑʒɑ∫ (tsʙʲ ʷ fɲɑzj ɑzɑzʸ ɑ∫fɲjsɑ∫ɑz⊙tʃ j tɑj fɲjs⊙j ls ʙʳ ls ɑ∫fɲjsɑ∫ɑzs?) ∫ j fɲjʒj tɕ fɲɯj ɑz⊙ɑzz
ls⊙?ɑzz ɑ∫ʟ fɲɠtsj ɠts tslsʕtɾ lsɑ∫ʷ, tsнɑzʕʕts ɑz⊙ fɲjzɑʒj ɑzj j lzнj tɑ⊙ɻ⊙lsʰ .

ɻ tɑtsɯɑzs lzʕtstɑj ɑzɑ∫ɑ⊙ɑ∫fɲ ə нlzʰ j ɯj ɑzsəj ʕ⊙əj tɑ⊙ə fɲɯ∫ɑzz lsɑ⊙∫ɑzɑfɲjsəj ɑzɑzsɠts. ɪ tsɑzʰ ɑ∫ɑzɑfɲjsətsɑz⊙ʕ⊙ɑ∫fɲjsə,
lzʃ tslstɑj ʙɑzʷəʰ ɑ∏ fɲʸ ə ɠɑzzʙts-

ʃ ɕʃ⊐Oɑʃɕzz, tsʔʷ ʲ jls

ʕGʕɕʃɕʒ-ɕzɑʃʙlzʜᴵ ʜjˌʔfɲʂəɕʃˌɕʒ lˌjˌəʟɕʃtɶO˅ ɕzO·ᵘ lstsˌtsɕzɑsˌɕʒɑsʏʞˌjˌlsˌɕʃɕʒˌjlsᵗ əˌjˌfɲˌɕʒO·ʙɕzO·ɑtsʧtɶɕʃʷlsɕzɑsˌjˌʜjˌʔfɲʂəɕʃˌj;
ʙtsɕzˌɕzɑsʔ lsGʕʞˌjˌ ɕʒɑsʏʞˌjˌlsʧtsɕzzᵛɕʃlsᵗ tsʙɕzˌɡʰɯˌɕzɑʃˌj tslsʕGʕɕʃ⊐-ɕzɑʃʙlzʜᴵ ɕʒO·Gʰʃɯˌfɲʃɕʃ⊐ ʧtɶɕʃˌɕʒɑsəˌ, jˌfɲɕzʃ
lzəˌjˌtɶˌjˌɕzˌ, ɯlɑtsˌtsɕzɑʃˌ ʜtsɕzɲˌɕzˌ ˌjˌɡtsˌɕʃfɲɯˌjˌɕzɑʃlsᵗ .

ʃ ˌjˌfɲɕzʃjˌtɑtsɕʒO·ɕzɑʃʷ

l ɕʃɯlɑtsˌəˌjˌɕzɑʃʕtsˌjˌ ɕzˌ tɑtsʏʜO˅ lsfɲʸ ʙˌjˌʟ fɲʂtɑO·fɲʂˌjˌʔ.

ɻˌjˌɡˌjˌɕz

ʃ ʳ ʧtɑtsfɲɕzˌʜɕʃɕzɑʃ ʟO·lsˌjˌɕʒ ʕGʕ, ʧtɶɕʃˌj⊐O·ə ə ɻ O·tɶɕʃʏʞ, ʃ ˌjˌfɲɕzʃjˌtɑfɲʂzɯ{O·ɕzfɲʸ ə tɶO·ɻɕzɑʃɯ{ɕzˌ jˌ ɕzO·ɻzɯ{ɕzˌ jˌ
ɕzˌjˌʜɕʃɯɕʃɕzɑʃʕɕʃˌj tsʙʰ jˌfɲʂəO·ɕ fɲʂO·tɶO·ʸfɲ ʧtɑtsʙɕʃlsᵗ ʜtstɑtsɡ̊lz fɲəˌtsˌjˌɕʒɻz ʜˌjˌlsɕʃʰ lz ð ʧfɲɕʃ⊐tslsˌjˌtɶO·ʧɕʃɕʃ ð ɕzɑsətsɕʒɻz
ɕzO·ʧtɶO·əɕzˌjˌɕzɑʃᵏ ə ɕzˌjˌʜɕʃɯɕʃɕzˌjˌ. l ts ɕzʳ ɕzˌjˌ fɲʕO·lO·ɕzɑʃ, ɯlɑtsˌtsʜɕzɑsətɶˌjˌɕzˌjˌɕzɑʃɑsˌfɲᵘ lsɕʃɕʒtsɕzzɕzˌjˌɯ{ɕʃɕz, ɕʃ, ʧts
ɕʒɑsɡ̊tsɯ{ɕʃfɲɕzˌjˌɕzɑʃɻz ɕʒfɲəɕʃʜˌjˌlsˌjˌɕzˌfɲʂəO·ɕʒ lsGʕʞˌjˌ lzfɲʧˌjˌʰ ɑsˌ, ʕGʕ ə .I ˌjˌɕzˌjˌ.

ɻ ˌjˌtɶˌjˌʜ ʃ ˌjˌfɲɕzʃjˌtɑtsɕʒə ʧtɶɕʃfɲzlsfɲʂəɕʃɕʃ ɕzˌjˌfɲʕtsɕzˌʕɕʃ⊐ ʧO·ɑɕʃʏʞ fɲʕɕʃ⊐ ətɶO·ɯˌjˌʔ ʧtɶˌjˌʜfɲʂO·ɑzʧtsɕzʕtsəɕzɑʃʕ
ʜ O·ɑʙtɶᵏ ʕfɲʕtsɡ̊ts ʧtsɕzʕO·ɸ ɕzɑˌjˌɕzO·lˌ l O·fɲO·lz, ʞ O·ɑsəO·əʰ ɕʔfɲʸ ɕzO·ɯO·fɲʂʳ ˌjˌ ʧtɶɕʃʧO·ʜʕɕʃlzʜlzʰ ɹʷ. ʃ ˌjˌfɲɕzʃjˌtɑfɲ
tɶO·fɲfɲʂtsʷɕzɑʃʷ ʧtsɕzzlstsˌtɶO·ɕzˌjˌlstɑtsəˌ ʧtɑtslsʷɕzzɕzˌjˌɕzˌjˌʟɑzzᵏ ʧO·ɑsɯ{ʕlz ʕ ɡ̊tɑzʜɕʃ ʙtsɕzˌɕzɑsɡ̊ts. ɻ tsɕʕtsəɕzɑʃʕ lslzls
ʞˌjˌ ɕzɑʃʰ ɕʃɕzfɲʸ ʜʳ ⊐O·ɑzɑʃʷ ɕʃ lzʧO·ɑzʙʳ ə tsʙɕʒstɑtsʕ, jˌfɲɕzʃ ʙʳ ʃ ˌjˌfɲɕzʃjˌtɑtsʧts jˌɡtsˌʧtɑtsfɲˌʙjˌ ɕzˌjˌ tslsɕzʷɕzfɲətsᵏ
ʧO·ɑsɯ{ʕlz. ɻ tsɕʕtsəɕzɑʃʕ ʟO·ʸəɕʃɕz, ɯlɑtsˌtsʰ lzlsɕʃɕzɕʃfɲ⊐tsʜʷʰ ˌjˌjˌ tslsʃ ˌjˌfɲɕzʃjˌtɑO·ɕʃfɲʂˌjˌɯ{ˌjˌɕzɑʃˌj lsGʕ ʷəfɲʂəˌjˌɕzɑsɑs,
ɯlɑtsˌ, jˌfɲɕzʃ ˌjˌɕzˌjˌ ʜO·ʞˌjˌ ʟO·əʷʞˌlzls ɡ̊ɕzɑLO·ˌ tsɕzˌlstsˌɯ{ɑsˌlzʕO·ʞˌjˌls, ə ʕGʕtsɕzɕzɑʧtɶO·əɕzˌjˌɕzɑʃɕʃ ʜəɕʃʞˌjˌlsfɲʸ ʧO·ɑsɯ{ʕO·
ʜ ɕzˌjˌʜlzᵏ ʰ jˌʔ ʙʳ ɕzO·ʜˌjˌəɕʃɯ{O·ɹ jˌɕzɑɑɕʃˌlzɑtɕ, ʧtɶˌjˌʜfɲʂO·əɕzʸəʰ O·ʸ fɲʂʙtsʔ ʞO·ɑʃtsˌjˌ ʟtɶˌjˌɕzɑʃʰ jˌ. ɻ tsɕʕtsəɕʃɕzɑO·jˌjˌ lsˌjˌɕzO·
ʙʳ ɕzO·ʧO·əO·ɑzɑʃʟtsəO·ɑzO·, tsʜɕʃɕzˌɡ̊ɕzO·ʟ fɲɕzˌjˌʧ, O·ʜtɑzɡ̊tsʔ ʙtsɕzˌjˌɕzˌ∫ ɕzO·ɡ̊tsəˌtstɑɕʃɕzO·ɕzˌjˌətɶO·ʟzɕʒɕʃlsˌjˌɕzˌɕzɑs,
ʞO·ɑsəO·ɑzO·fɲ ɕzO·ʞˌjˌfɲʂtsʕlzᵏ ɡ̊tsɕzɑsəɕzɑzᵏ ʙtsɕzˌ. ɻ ɕzʷʜʷ ɕzO·ˌjˌ fɲʂtɶO·ʜO·ɑzɑʃʷ, ʧtɑɕʃfɲzlsfɲʂəlzᵏ ʰ ɕfˌj ɕzˌjˌ ɕʒtsɡ̊ɕzɑʃ
fɲɯˌjˌtɶʞO·lsᵘ fɲɕzˌjˌʟʳ . ʃ ˌjˌfɲɕzʃjˌtɑʧtɶtsəˌjˌɕzʧO·ɑsʕtsʔ tslsʧtɶO·ətsʔ ɯO·fɲʂɕʃ ɡ̊tsɕzɑsəʳ ʕ ɕzɑʃʞˌjˌɕzˌjˌʔ ɯO·fɲʂɕʃ ʞɕʃətslsO·
ɹtsɕzˌɕzO·ʸ lO·ᵍ O·lsO·ɑzO·fɲ, lO·ʜtɑtsʞO·ɑzO·ɕʃ ʧtsʞO·ɑsəO·ɑzO·fɲ ɕzO·fɲɕʃɕzˌɕzɑʃᵏ ʙtsɕz. ɻ tsfɲʂˌjʧˌjˌɕzɑsˌjˌjˌ ɕzɑʃɯtsˌ
tsLO·ɑɕʃɑsfɲˌ lzɕzˌ ʙʕtsʔ, ɕʃ tsɕzO·tsʞɕʃəɕʃɕzO·fɲ.

ʂ əO·ɑzˌjˌtɶˌjˌʂ tɶᵏ fɲʂtsˌ, ɕzO·⊐tsʜɕʃəʰ ɕʔfɲʸ fɲʂˌjˌʜɕʃ ʟtɑɕʃlsˌjˌɕzˌjˌʔ, ɯO·fɲʂtsˌ fɲʂtɶO·ʜO·ɑzɡ̊tsɑsəɑsʔ ʙtsɕzˌᵏ . ɻ tsfɲɕzˌjˌ lstsɡ̊ts
ʕGʕ tsɕzˌlzʜtsfɲʂtsɕʃɕzfɲʸ ʧtɑɕʃʕtsfɲɑsəˌjˌɕzɑʃʷ ɕzˌjˌfɲɕzʃjˌtɑtsəfɲʕtsʔ ʧO·ɑsɯ{ʕɕʃ, ʕGəO·ɑzˌjˌtɶˌjˌʧtsɯ{ɹəfɲʂətsəO·ɑz

∫ q⊐Oqdzz, ts?ww j ls

lstɑɔqɯqdɑOʸ tsfɯtsʙOɔ fɯʙdɑɔqʟqdɑɑGfɾɔ fɳ∫ j fɯɸjʒ tɑtsdʒqʃ fɳʏkO·tɑtsdʒtʃtɑj ʜO·dɑɑGfɾɔ dʒO·ɑɑGdɑ̈jlsqʟqtɑtsɔO·dɑɑqᵏ .

ʉlstɑɔGfɯjsᵍ ʕ dʒj fɯɸjʒ tɑɔqʟOɯqdʃqʃ dɑ̈j tsfɯjsʳ ɔO⸴ls, dɑɑOtsʙtstɑtsls, ʜj dzᵡ tslsts ʜdzʷ tsdɑɑOdɑɑOɑɔGfɯjsO⸴ls. ʀ L fɳOɯtsdɑtsɔ dʒj fɯɸjʒ tɑtsdʒOɯɑqʷ tʃj tɑj ʕqdɯzdɑɑGfɾɔ dɑɑOlzdɑqɯʳ . ∫ LOɯʕGT qtʃO·ɯɑʕGT ɔtsLdɑqʕOʸ ls dʒO·ɑɑGdɑ̈jlsqɯjfɳʕqj dɯzkO·ʕʕqʃ qɑGtɑtslsʳ , ɔ ɑGtstɑtsʜGT ð lsO?dzᵡ j ʕtɑlzkʕqʃ qʃ dɯtskʃq. ʊ ɔdɑ̈jɯjdɑɑqj ʷdzᵡ qʃʜtsdʒð tʃtsɔO·ɯzdɯtsj , ɔfɳj ʜtɑlzɑGʜtɑlzɑGOdʒO·ɑɑGdɑ̈jlsqʟqtɑlzᵍ ls. ∫ j fɯɸjʒ tɑɔ ɔ dʒtsʜj , qtʃtslstsdʒkz j ɑGts dʒj lstsʜ ɔtsfɯtɑɔqʃdɑɑqʃdʒO·ʕ lsfɯʸ dɑ̈j ʕOʕ dɑɑOzʕO· OʕOʕ lsj Oɯtɑɔ. l ts ɔtɑOɯlz ɬ lstɯ dɑ̈Otɑɑzʕlz, q tsdzfɯOdʒ fɯʃtsfɯtsʙ fɯtsɔlzj ls ʙj LlzdɑGfɯtsɔlz: tɑOLtɑO·ʙOɯsʳ ɔO⸴ls fɯtstslsɔj lsfɯtsɔlzᵡ ʰ qᒣ fɳɯj dɑ̈Otɑɔqʃ?.

∫ʳ LɔO·dɑɑdɑ̈Oʸ ∫ j fɯɸjʒ tɑtsdʒtʃ fɯ[⊐qɯj fɳʕOʸ ɬtʃqʜj dʒ[qʃʷ ɔʳ ⊐tsʜqɯls LO·tɑO·dɑʕqʃ dʒj ʜqɯqdzᵡ q fɯtsOdɑtsɔqɯlsfɳʸ ʷwtstɑdɑtsʔ tɑj dɑqGqɯtsLdɑtsGɯts tʃtsdʒj ʰ O·ɯlsj dz fɯtsɔO· ʉlstsqɯls ∫ j fɯɸjʒ tɑlz ɔʳ ʔlsq dɑ̈Olzdɑqɯlz, ʕOʕ tʃO·ɯqj dɑtsʳ ʙtɑtsfɳOʸ lsfɳʸ ʕ dɑ̈j dʒkz, ɯlstsʙʳ ʜtslstɑtsdɑzlsᵍ fɳʸ ⊐tslsʷ ʙʳ ʜts j Gts tsʜj ʞ ʜʳ . l j lstsdzᵡ ʕts tʃtɑtsfɯtsʔ dzᵡ ʜ, dɑts q ʕdzᵡGqdɑɑ[, Gj tɑɯtsGqdɑɑ[tʃtɑtsfɳʸlstʃtɑɔqdzᵡlsᵍ q⊐ dɑ̈Odɑ̈j ɯj dɑɑqj . ɬ tɑɔqdɑɑ[ɔ dɑ̈j fɳɯ[Ofɯtsdzᵡ ⊐ q tɑOfɯtsj tɑLOdɑɑzᵡ ⊐ ʜlzʰ ʙʳ dzfɯtsdz LdɑOɯqlsj dɑ̈j dz, ɯlsts ∫ j fɯɸjʒ tɑɔʳ dɑzʞ ʜj dzᵡɔ ʕtsdɑɯj lzdɑqɯʳ Boudy dɑ̈OdʒO·Gqdɑ̈jlsqʟqtɑtsɔO·lsᵍ ʜj tɑj ɔts, ʕ ʕtslstɑtsdʒkz lsʳ fɳʸɯ[ʙtsdz dzᵡ ⊐ tʃtɑɔ[ɔʷLʳ ɔO·dɑɑqʃfɾɔ ɔj tɑj ɔʕO·dʒqʃ. ʂ tstɑtsɯj Gtsɔtstɑɔʷ, dɑ̈Ofɯtslztʃq[dɑ̈O tʃtsdɑdɑ̈Oʸ dʒj fɯɸjʒ tɑɔqʟOɯqdʷ wwtɑO·dɑɑlzLfɯʕtsGts tsʙʰ j fɯtsɔO·

∫ ʕOʕqj -lsts dʒtsdʒj dɑtsʳ dɑtsGɑtsʃtsʕOLOsᵍ fɳʸ, ɯlsts ∫ j fɯɸjʒ tɑɔfɯɸtsɔOɔtsLdɑtsfɯ[lsfɳʸ dɑ̈Otʃtɑɔ[ʳ ɯ[dɑzᵡ ʜdzʷ dɑ̈j Gts ɔtsdɑdɑz lzfɯtj ⊐O ʀ ʜj ʔfɯtsɔqlsj dzᵡ dɑts, dɑ̈ʙdzᵡ ʜOʸ lsOʕlzᵡ ʙj ʰ j dɑzᵡ tʃtsʃlzdzᵡtɑdɑtsfɯtsᵍ , lstɑzʜdɑts ɔtstsʙtɑOqlsᵍ tʃj ɯ[Odzᵡ dzᵡ ʔ wwqdɑ̈Odz l ts lzʞ j ɔfɯʕtstɑj ɔʳ wfɯɑqlsfɳʸ, ɯlsts ɬ lstslslzfɯtj ⊐ ð dɑ̈Oɯ[Odɑts ʕtsdɑqO· ɬ tsfɯɸjʜtsɔOdɑts tʃOʜj dɑ[j , lOʕtslststɑᶜ dʒtʃtsʜʲ j dʒtsɔ lzʞ j dɑ̈j ʙʳ dɑts.

ʌ tɑOdɑqlzLfɯʕOʸ tsʙʰ j fɯtsɔj dɑɑtsfɯtsᵍ ʙʳ dɑ̈OɔLʙlzʜtstɑOʞ j dɑ̈Odɑ̈j fɯdɑ̈j tɑtsɔfɯʕqdʒwwdzᵡ qʃʜtsdʒ tʃtɑɔ[fɯtsɑGfɯtsɔqj ʕ dʒO·ɑɑGdɑ̈jlsqʟqtɑtsɔO·dɑɑqᵏ ʜtsɔ⊐tsʜqʃdɑtsʜts dʒO·dɑɑqʃ. ∫ ʕtɑlzGT ɔʳ fɯʰ j Gts tsʙʰ j fɯtsɔO·ᵘ lsts LOdɑᵂlsqj fɯtsO·dɑts fɯɸdɑtsdɑɑtsʔ qɑGtɑtsʔ, ɔ O·ɑɑdʒqʃq ð tsʙʳ ʜj dɑɑdzᵡ dʒtʃtɑj tʃtɑtsɔtsʞ ʜj dɑɑ[j dʒɔtɑj dʒj dɑɑ[. ∫ ʕdɑ[qGj fɯtsɔtɑj dʒj dɑɑdɑtsGts wwtɑOdɑqlzLfɯʕtsGts qfɯtstɑɔqʕO∫ lzqʃ ʌ tɑj tʃO·ɑOlzʕOLʳ ɔO⸴lsfɳʸ, ɯlsts dɑ̈ʕOɯdzdɑ̈j tɑj ɔtsdzᵡ ɯqʃq dʒO·dɑ̈j lsqʟqdʒtsdʒ ʙʳ dɑ[lzɔdɑ̈j ɯj dzᵡ O·ɑɑ[fɯtstsʕtɑOlsqʷ q ʜlz⊐tsɔj dɑfɯtsɔts. ∫ O·dɑ̈j lsqʟqdʒtɑOfɯɸjʒOstɑɔqɔO·dɑ[ʕOʕ ʕdzᵡ ɯʕ tʃtsLdɑɑdɑqᵏ ɔʳ fɾɔ q⊐ lsO?dzᵡ(ʌ tɑj tʃO·ɑ, 1958).

ʉtʃtɑO·ɔj ʜdɑ[ɔtsfɯtsɔq tɑO·ʜq dɑ̈OʜtsfɯʕOLOsᵍ , ɯlsts ∫ j fɯɸjʒ tɑlz dɑ̈j dzᵡ Lʷ fɯtsO·ɔqlsᵍ ɔ ɔɑ[dɑz ʜO·dzᵡ dɑ̈j ʔʰ q? ⊐tsʜ tɑO·lɔqlsq[ʷ j Gts lzɯj dɑ[ʷ: tsʕʕlzdzᵡ lsdzᵡ j dɑ̈Olzʕq, ʜtsfɯj dɑ̈j ʜtɑj dʒO·ɔʰ q[j , ɔʜtɑlzGɔ tsʜdɑtsɯ[Ofɾɔj , fɯtsɔdɑts ʕlsts-lsts lsO·dʒ fɯ[ʜʷʰ q? dɑ̈Oɔj tɑ⊐lz, ʜO·dzɑ[dʒLdɑ̈Oʕ, LOʰ j ɔj dɑ[ɑ[fɾɔ,

Duchesse de Bourbon, (J.-C. Schweiger)

ʃ ɑʃ⊐Oɑʃɑzz¸ ts2ʷʷ j ls

ɔ ɻ Oɯɑʃϰ j ʇʃ tɑʃtsʙ tɑ̧ɑzɑʒOɑ̈ɑ̧ lsɑʃʟ j tɑ·ʙOɯtsɑzʕ ɑzɑʃGʷʷGɦɲʃ j ɔɑʃ, ɑzGɦɲstsʷɦ j j ɑʃɑʒʷ ʕtslststɑtsɑ̈ts ɸ ɑzʷʷtsɑzɦɲʃ lzɑʃ ʂ tsɑzɦɲsOɑzɑ(1810ð 1875). ʃ ɦɲsuɑʃɑ̧j ɑzɑʃɑʃ ɑ̧ʃ tsɑ̈ɑʒOls ɑʃ tɑʃlslzOɑz ɔʳ fɦ j ʇ? ɑʒO·ɑ̈ɑʃɑʃè (1856) tsɑzɑ̈tsɔtstɑʃɑz, uʅstsɑʒtsϰ j ʇ ls uɑʃlsOls ɑ̧j tɑ·Gɦɲʃ j uɑʃlsOɑzɑz j ʇʃ ɑʃfɦ ɑʒOɑʃ ɑʒɑzsɑ̈tsj ʜtɑ·ʅ j tslsɦɲsɔOɑztsls ɑ̧j ɑ̈ts ɑʒOɯʕɑʃʟ ʉlsOɑzɑʃɦɲɑ̈Oɦɲʜj ɻ lzGʔlsO(1860ð 1898). ʉtsɦɲsj ɑzʜj ʃ Oɯtsʰ ʷʷlzʕts (1785ð 1864), lzʃtɑ·ɔɑzʷʁ ɦ ɑʃʔ ɑʃʟʷɦ ɑz ɑʒʃ ɑʃfɦ ʃ lzfɦɲɦsɔOɑʒʃ ʇʃtɑʃ ʂ Oɯɑ̧j X, ʇʃtɑʃ fɲɑzuʃ L Oɑzɑʃɑʒ Oɑzɲʷ ɑʒO·ɑ̈ɑ̧ lsɑʃʟɑʒsɑʒ ʀ ɸ ɑ̧j ʕɦɲOɑzʉtɔ ʃ ʁ ɑʒO·tslsj ɥ tslsʜOɑzʜOɑz ɑʒsʜj, lzɔɑ̧j ʕO·ʸɦɲ fɲʃ ɑʃtɑʃlsɑʃʟɑʒsɑʒ ɑʃ ʇ j tɑ̧j ʜO·ɥj ʔ ɑʒʳ fɲɑ̧j ʔ ɑzO· tɑ·Gɦɲɦstsʷɑzɑʃɑʃ. ʊ O·ʕ, tsɑzɦɲstsʙɦ O·ʃ ls ɔ tsʜɑzʉʔ ɑʃʟ ɡO·ʇ ls, uʅstsʙ lzʜlzuʃ ɔ ɑ̈tsɦɲʷ⊐ lz ʟɑzʕtsɑʒsɑ̈ts ʜj ʇʃ lzlsO·ʉtʃts lzɑzɑʃuj ɸ ɑzɔɻ lz-ʉ j ɑzʉs-ʃ ɑzʉstɑ̧j, ʟGɦɲsO·ɔɑʃɑzɦɲʃɑzʉsʔ fɲɔtsj ʔ ɔtsɑzɑʃ ʇʃtɑʃʔlsʃ lslzʜO·tsʜɑzɑz ʜO·ɑ̧ʒz, ʕtslststɑO·ʸ ɑʒʃɑʃtɑ·ɑzʉs fɲʃO·ɑzO·ɑzO·lzɑzɑʃuj ʃ Oɯɑ̧j-Hʁ -ʊO·ɑʒʃɑʃ.

ʃ j ɡ̈ts ʕɑzʉʃɡ̈j ç.ɪ j ɦjɲHʳ tsʙ ɑʃɦɲʃlzɦɲɦsɔj ɑʃ ʕlzɑzʃɑʃɑzɑ̈O·ɯtɑʃɑʃè j ɦɲsʰ ɡ̈ɑzɑ̈ɔO·ç·ʉ j O·ɑzɦɲɑʒO·ɡ̈ɑ̧j ls ʃʟɑʒO·è, ɔ ɑ̧j ʔ tsɑzʃɑʃʰ j ls:

ç.ʃ ʇʃtɑ·tsʰ ɑzsj ɔtsɦɲʕtɑ̧j ɦɲjɑzʷj ɸ ɑ̧j ʕɦɲɑ̧ʃɦɲʇʃtsʇɑ·tsɦɲɑʃɑzʃɑzʷ, uʅstsʙʳ fɲ ɡ̈tɑ·Oɑzɑʃ "ʌ ɑzɑ̈ʕtsɑzʕ Oɑzɑʃtsɦɲstɑ·ts" ɔ lsj O·lstɑ̧j "ʉ j ɑzʷʳ j tɑɑzɑ̧jɑzʷ: tsɑzʷ⊐tslsj ɑzʷ uʅstsʙʳ ʷ lzɔɑʃʜj ɑzj ɡ̈ts ɔ tɑ·tsɑzɑʃ ɔɑzʸ ʙɑ̧j ɑzɑzɑ̈sɡ̈ts. ʗ ʜtsɡ̈tsɔtstɑʃɑzɦɲʃ fɲ ʜɑʃtɑ̧j ʕlststɑ·tsɑzʒlsj O·lstɑ·O· ɑʃ ʙʳ ɑzʉs lzɦɲɑzʉsɔɑ̧j ɑzʉs, uʅstsɦɲ j ʇʃ ʕɦɲʃɦɲɑzO·ɔj ʉj tɑ·ɑzɑ̧j ɑʒ fɲʃj ʕlsO·ʕɑ̧j fɲ ɡ̈tɑ·Gɦɲ ls tɑ·tsɑzʸ ʃ j tɑɔO·ɑzʸ, O·j ɡ̈ts ɤ j ɑzO·ð tɑ·tsɑzʸ ʃ j ɤ O·lj.

ʃ tsɦɲʕtɑ̧j ɦɲjɑzʲj ð ɻ lstsɑʃɑʒj ɑzɑzʉs lstslsɦj ɑzʷ, ʕtsɡ̈ʜO·ʷ lzɦɲstɑ·Oɑʃɔ O·ʸ ʇʃtɑʃj ɑʒʸ ʜɑzʷ fɲɔtsɑʃ⊐ ʜtɑzʟj ʔ; ɑʃɔ lsts ɔtsɦɲʕtɑ̧j ɦɲjɑzʲj lz ɑʒj ɑzʷ fɲtsʙtɑ·OɑzO·ɦɲ tslsɑzɑʃuɑzO·ʸ ʕtsɑʒʃɡ̈Oɑzɑʃʷ, fɲtɑ̧j ʜɑʃ ʕtslststɑ·⊐ʃ lzɑʃɻ lzɑzO·ɑzɔɻj, ʉj -ʰ Oɑzʷ ʃ ɑʃj lsj tɑ·ɑzʷ ʃ j ʇʃ ɑzj ʰ j ɑzʷ ʃ j ɑzO·ʃlz, ɾ ʁ ɑzʷ ʜj ʃ j ɦɲjʇʃ ɦɲ ʂ tsɑzɑzj ɑzʷ ʃ j ɑzO·Oɻ, ɻ j tɑ·ɑzɑ̈O·ɑ̧, ʃ tsɑzɔɻ, ʃ ʁ ɑzɑzj tɑ·ɑʃ ʜtɑ·ʉ tɑʃʰ j ɑzɑʃɸ ɑ̧j ʕɦɲʃɦɲ J ɦjɲ lsO·ʕ ɡ̈tstɑ·ʷ uʅts ʇʃtɑʃsɦɲʃɑzɑʃ j ɡ̈ts, uʅstsʙʳ tsɑzʇʃtɑʃsʜj ɑʒsɑzɦɲstɑ·ʃtɑʃsɔO·ɑzʃtsʜɑzɑʃ ɑʃʟ fɲɔtsɑʃ⊐ uʅzʜj fɲ uʅsts tsɑzʟO·ʸɔɑʃɑzʃts fɲɔtsj ʔ ɡ̈tslstsɔɑ̈sfɦɲsɑʃ fɲʜj ɑzO·ls ɔfɲj, uʅsts ʟO·⊐tslsʷls, j fɲɑ̧ʃ ʕlsts-ɑ̈sʙlzʜʲ ɑʃʟ ʇʃtɑʃfɦ̈lsfɦɲsɔlzʁ ɦ ɑʃ⊐ ɔʟʷɑzɦɲʸ ʙʳ j ɡ̈ts lzfɦ̈ ʇʃ ɑʃlsʲ. ʃ fɲj ʇʃ j tɑ̧j ɡ̈ɑzʸʜʳ ɔO·ɑzʃɑʃfɦ̈, ɑ̈ts ɑzʃʕlsts ɑ̧j tsfɦɲʒj ɑzʃɔO·ɑzɦɲ ɑzO·uO·ɑ̈sʲ ɻ lstslstsʃʳ ls. ʃ fɦ̈ j ɻ j tɑ·ɑzO·ɑ̈ʇʃtsʜtsʰ j ɑzʕts ɑʒɑ̧j ɑʃ fɲʃO·ʟO·ɑzʷ

ð υ fɦ̈ ʇʃ ɑʃlsj j ɡ̈ts.

ð ʗ ʔ ʈ O·lɔj ʷ lzɑʒj ʁ lzfɦ̈ ʇʃ ɑzʸlsʲ ɑzʸ ʜj ʔ, ʕtɑ·tsɑʒj ʕO·ʕ ɔ lsj O·lstɑ̧j ɑʃ ɔ ʙɑʃʙ ɑzʃɑʃlsj ʕO·⊐ʔ ʈ O·lɔj ʷ lzɑʒj ʁ ʜj ɑzO·lsʲ ɔO·ʰ ɑʃ ʇʃ O·ɦɲfɦ̈, ɔɔtsʜɑʃlsʲ ʷ ɑzʸ ɑʃʜʳ, ɔʳ lʳ ɔO·lsʲ ɑʃɑzɑʃ ʇʃ j tɑ̧j ʜO·ɔO·lsʲ fɲʃɑʒʃ O·lsɑʃʁ ?

ð ɭ j ɑzɑzϰ ɑzɑ̈s ɑzɑʃuj ɡ̈ts ɻ lstsɡ̈ts ʜj ɑzO·lsʲ, ʇʃtɑ·tsɦɲstsʟzfɦ̈ ʇʃ ɑʃlsj j ɡ̈ts fɲʃɑʃtsʔ fɲɔtsj ʔ ɔtsɑzɑʃ.

∫ ɑ[⊐Θɑ[ɑzz¸ ts?ʷʷj ls

ʯ[Θ]lsfɲʸ ɑ[fɲɸstsʯɑ[ʞ ɑʒɑʦsʞj fɲɸsΘɑΘɸ[tɑΘəɑɸ¸ɑɑʦ ⊐ tʃtɑtslsɑ[ə ɑʒj ɑʦʸ tʃtɑj нlʦвj ʞ нj ɑɑ[? è.

l ΘLtɑj əΘɑʦΘ.l j ɑʦ[ʞΘʸ ʷʷtɑΘɑʦ[ʦLfɲʞΘʸ tɑj ətsɑʦ ʯɑ[ʷ, ɑ[ˡ lsts lstsʞj tʃtsнtsGtɑj əΘɑʦs ɑʒ[fɲɸsɑ[ʯj fɲʞɑ[j ɑɑGfɲɸstɑtsj ɑɑ[ʷ. l j əɑ[ɑΘ∫ j fɲɸʒj tɑΘ) ʯ[stɔ, ɑɸ fɲɸʒstsɑʷ ɑΘj Gts tɑΘʯɑ[ɑɑʦ ɑΘɑ[fɲɸsɑ[ʯj fɲʞɑ[j LΘнΘʯɑ[, ɑ[ɑɑsj tɑj fɲ tʃlʒвɑʦ[ʞɑ[ʞ tʃtɑtsətsнɑ[ɑʒ ɑʒɑ[ɑʒ fɲj ΘɑɑfɲΘɑʒвʳ ɑzɑʒ[fɲɸsɑ[ʯj fɲʞtsGts tʃtstɔʷнʞΘ) ΘɑʒΘGɑɸ[sɑ[ʯj fɲʞɑ[? ʷʷɑʦ ɑ[н tʃtɑɑ[tsвtɑj ɑzə tsвʰ j fɲɸsəj ɑʦʞΘʸ ɑʒstɑΘɑʦ fɲɑʦ[ʞ Θ]lsfɲʸ; lzɑʒfɲɸsəj ɑʦʦ ? ʞtɑzGtsLtstɔ fɲʒʞ Θ]lsfɲʸ, Θ əʃj ʯ[Θsɑʦ[lsj ɑʦ ɑʦsfɲɸʰ lstsɑʦʃʳ , ɑʦΘʃtɑtslsɑ[ə, tɑΘLəɑ[əΘ]lsfɲʸ нts ʯ[ʦнtsəɑ[ʰ ɑʦ ⊐ tɑΘLɑʒj tɑtsə. ş ʯ[ɑ[fɲɸʦ lsΘʞɑ[⊐ Θʷʷjʞlstsə tslsɑʦsfɲ[lsfɲʸ, ɑɸ fɲɸsɑʒɑɸ¸ɑɑʦs, ɑ[ɑʒɑ[fɲɸsɑ[ʯɑ[Lɑʒðɑɸstɑj ɑʒɑɸ¸ɑɑ[j ʞ fɲəj tɑ⊐ʲ j fɲɸsj fɲɸsəj ɑɑʦsɑʒʦz, ʞ tsвtsʞj fɲɸsəɑɸ¸ɑɑ[ᵍ ɑ[fɲɸ[ɑʒətsɑʦ[LΘʯɑ[ɑ[ʞ ɑ[fɲɸ[ɑʒətsɑʦ[LΘʯɑ[ɑ[ʷ⊐, ʞtsGнΘfɲɸʦ[əΘʸ lsfɲʸ ə lzɑʦ[fɲɸsɑzəfɲj нlzʰ ɑ[Θнjʃtʃlstsə. ∫ʳ ɑʦΘ⊐tsнɑ[ɑʒ Lнjfɲ ʃtʃtsɑʦʦsj ʃtʃtsнlsəj tɑʞнj ɑʦ[j LΘʞtsɑʦΘ[j ʞΘɑlsΘ) fɲɸstɑtsGts tslsнj ɑzʷᵍ ʰ j Gts ʯ[j ɑʦsəj ʯ[j fɲʞɑ[? ɑ[ɑɑsj ɑɑʒɑ[ʞlstsl нlzʰ ɑ[. ç{ j ətsɑzʸ ʯ[ɑ[tsɑʦzʸ ? ɑʒɑətɑtsL əʳ Lʳ əΘ]ls ə ɑʒΘfɲɸj ʯ[tɑj Lɑʒj tɑɑʦs lzfɲ[ɑʒɑ[ɑʦzʸ , ətsfɲɸstɑtɔʞj ɑʦzʸ нj ʷlsj ɑzɑʦsfɲɸsᵘ ə tsвɑΘGfɲɸsɑ[ʯ[ɑəfɲɸsə ɑ[ʃtʃtsɑʦ[ʞj ɑʦ[j j j ʯ[ɑ[fɲɸstsɑΘfɲɸʒнtsʯ[ɑzʸ ⊐ fɲʃtsfɲɸsвɑʦsfɲɸsj ? è (ş ΘвΘɑʒɸ¸fɲ, l Θfɲɸ¸ 1998, fɲ¸ 521).

∫ʳ tʃtɑ[əj ɑʦ[lstsɑzʞtsʷʷtɑΘGɑʒj ɑʦsʳ ɑʒj fɲɸʒj tɑtsɑʒΘɑʦ[ɑ[, fɲΘɑʒʦs tʃtsɑʦslsɑʦs ɑΘfɲɸstsɑzʞtsGtɑtsɑʒʦsLнʞts, ʯ[stsɑʒɸ¸ əɑʒj ʰ Θ]lsfɲʸ ə ɑʦΘʸ ʷʷtstɑɑʒΘ.s.

ʊ ɑʒɸ¸ɑʦəɑ[fɲɸs[tsfɲɸstɑʳ j GɑΘLΘ

ʊ ɑʒɸʞtslststɑʳ ⊐ tʃΘʯɑ[j ɑʦstsə ∫ j fɲɸʒj tɑΘ) tsfɲʦвj ɑʦʦ lz ɑʒɸ tɑəɑzʸ ⊐ ʞj j ɑzʰ ɑ[ɑz, ɑʦΘвɑzʸ нΘɑʦ[fɲ fɲɸzнtstɑtsʞɑzʸ j tʃtɑ[tʃΘнʞɑ[, ʞtslststɑʳ j , ʞΘʞ ɑʒʸ tʃtsɑʒɑʦ[ɑʒ ∫ j fɲɸʒj tɑ ɑΘLʳ əΘɑzʞɑ[Lɑ[fɲʦɑʒ tʃtɑ[нΘəΘʸ ɑ[ɑʒtɑj ʰ Θʸ ʰ j j LɑʦΘʯj ɑʦ[j нɑzʷ ɑ[fɲ¸ʯj ɑʒɸ¸ɑʦ[ʷ. l ɑʒɸʞtslststɑʳ ⊐ fɲɑzʯΘʸ⊐ˡ lsts вʳ ɑʦs fɲʦfɲɸstsʷɑʦ[j ɑ[fɲʞlzfɲɸsəj ɑʦʦs əʳ ləΘɑʦɑʦsGts fɲʦɑʒʦΘɑʒвlzɑʦ[LɑʒΘ) ɑʦs ∫ j fɲɸʒj tɑ, ɑʒɸ tsвtɑΘʰ Θʸ ɑΘʯ lsts əɑʦ[ɑʒΘɑʦ[j, ɑΘʯʳ əΘɑzj Gts ʞtɑ[Lɑ[fɲʦɑʒ l tɑΘʯ[ΘɑʒʞlΘʯ[ˡ lstsls ʞtɑ[Lɑ[fɲʃtɑ[LɑΘəΘɑʦfɲ LΘɑ[fɲɸsj tɑ[ʯ[ʞ fɲʞ[? tʃtɑ[tʃΘнtsʞ ə ɑʒɸ fɲʞtsɑzʞtsɑ[ɑʒ. ɣ tɑ[ʞtɑ[Lɑ[fɲʞ⊐ вʳ ɑΘLΘɑʒj ʯ[ɑʦ[ɑzʯ ɑʦΘʸ ɑΘʞɑʦsɑʦsfɲɸsᵘ tsʞtɑzʞΘʸ ʰ ɑ[⊐ʞ tʃtsнtɑΘʞΘɑʦ[ʷ , tʃtsᵘ lstsɑʒzʞtstɑtsɑzʸ , fɲʃtɑΘəj нɑʦ[əts tstʃGfɲΘʸfɲ tʃts-

ʤʊ̃ʊ̃ʤɸ ls ɑ̃ʟɑ̃ʤtsʤɛ̀. ʕ lsʊtsfɳstɑtslsʊ) ʤʦɑsɑ̃tsʕtɑʊ̃sɑʦ tʃtsəlststɑʷʲ ʤʃʊʸ ʤɸ ʜtsʙtɑtsfɳtsəʲ fɳsɑʑ ʤʃɑ̃ ʊəlststɑʊ̃ʤʃɑ̃, ɑ̃ɸ ɑ̃ʤʲ ʤʊ̃tʃtsʜ fɳtsʙtsʔ ɑ̃ɸʃʕʊ̃ɑ̃ʃɑ̃ʊ̃ʦɑsʊ̃ɑ̃ɑʔ. ɪ ʷlsᴵ ʊəlststɑɑ̃lsʲ lsɑ̃ʑ ɑ̃̃, ətɑʊ̃uʲ ʔ tʃtsʜlsəʲ tɑʜɑ̃ɑ̃ʃ, ʋlsts lzʋʲ ɑ̃ʑ ʔ 20 ɑ̃ɸ ls fɳstɑʊʜʊ̃ɑzʙtsɑ̃ɸ ʟɑ̃ʑᵏ tʃtsʋʲ ʕ ɑ̃ ʜɑ̃ʦʃ ʲ ɠts ʙʳ ɑ̃ɑ̃ʃ fɳtsʋlsʲ ɑ̃ʑ . ʀ lzɑ̃ʤʲ tɛtsɑ̃ʑɠtsʜ fɳʃlzfɳtsʷ tʃtsfɳɸʲ ɑ̃ɸ ʋʲ ɑ̃ʦʃʷ ɑ̃ʤʊ̃ɑ̃ɸ ls ɑ̃ʟɑ̃ʤtsɑ̃ʒ tsls ʕtslststɑtsɠts, ʕfɳtsʊ̃tsɑ̃ʃ, tʃtsfɳɸʲ ʜtsəʊ̃ɑtsʟɑ̃ʊ̃ʦʃlsʲ ɑ̃ʑ ɑtsʲ , ɑ̃tslsʷ ɑ̃ ətɑʲ ɑ̃ʤʲ ɑ̃ɑtsʲ , lzɑ̃tzʋʰ ʲ ɑ̃ʦʲ . ʊ̃ʊ̃ʕ ɑ̃ʃɑ̃ʃ ɑ̃ʃɑ̃ʊ̃ʊʲ , ɑtsʦsʙəɑ̃ʃɑ̃ʤɸ ɑ̃ʦʃʲ ʙʳ ɑtsʦ fɳʲ tɛʲ ʲ ʟɑ̃ʑ ɑ̃ʒɑ̃ʃ ʜʲ ɑ̃ʑ ɑ̃ʤsɠʙtsɑ̃ʲ ʲ tslsɑ̃ʒʊ̃tɑzʊ̃ʃəʊ̃lsᴵ fɳʸ.

ʂ ʃᵏ ʜtsəʃ̃ʕlz XVI ʋʲ tɛʲ ʟ ɠtsfɳʲ ʕtɛʲ lsʊ̃ɛʷ, ʲ tʃɑ̃ʃ̃ʕtsʃʊ̃ʃ lzɑ̃ʃ-ɸ ɑ̃tɑ̃ɛɑ̃ʃ ʃ tsɑ̃ʒʲ ɑ̃ɑ̃ʃ ʜʲ ɹ tɛɑ̃ʃʲ ɑ̃ɑ̃tɑ̃ʊ̃, tsʙtɛʊ̃ᵍ ʊ̃ʲ lsfɳʸ ʜʲ ʕʊ̃tɑzɪ ʊ̃tɑ̃ɛʃɛʲ fɳ̃ʕtsɠts ɑ̃ʒʲ ʜɑ̃ʃʋɑ̃ɑ̃ʃɑ̃ʤɳ̃ʕtsɠtsʷ ʊ̃ʕlzɑ̃ʑ lsʲ lsʊ̃ɑ̃ʃ tʃtɛtsfɳɑ̃ls[ɠts ɹ ʲ ɑ̃ɑ̃ʃʋʲ fɳʃəts əɑ̃ʒʰ ʊ̃lsᴵ fɳʸ. ç ɪ tstɛʊ̃ð əLʳ əʊ̃ʲ lstsɑ̃ʑð tʃtsɠʊ̃fɳɑ̃lsᴵ tɛʊ̃Lɠtstɛʲ əʰ ɑ̃ʲ fɳʸ fɳstɛʊ̃fɳsɑ̃ ətsʕtɑ̃zɠʜʲ ʷlsʲ ɑ̃ʑ ɑtsfɳsɑ̃ʟʊ̃ɛʊ̃əʰ ʲ ɠtsfɳʸ ʃ ʲ fɳɑ̃ʒʲ tɛʊ̃è. ɪ tɑtsʰ ɑtsɑ̃ɸ fɳʕtsɑ̃ʑ ʕts ɑ̃ʒʲ fɳʷ ʋʲ ə, ɑ̃ 12 ɑ̃ʒʊ̃ɑsʊ1784 ɠtsʜʊ̃ʃ ʰ ʜtsəɑ̃ʕtsɑ̃ʒXVI ʜɑ̃ʑʷ tɛʊ̃Lʙɑ̃tɛʊ̃ʦʲ ɑ̃ʑ fɳʦəʊ̃fɳ ɑ̃ʒʲ fɳɑ̃ʒʲ tɛɑ̃ʟɑ̃ʤtsʒlzʋtɛʲ ʏ ʜʊ̃ʸ lsfɳʸ ʜəʲ ʕtsɑ̃ʒɑ̃fɳɳɑ̃ɑ̃. ʂ ʊ̃ʕ fɳʕʊ̃Lʊ̃ɑtsə ʕtstɑtsɑ̃ʲ əfɳʕtsɑ̃ʒlzʕʊ̃Lʲ , fɳʋʲ ɑ̃ʑʰ çɑ̃fɳɳɑ̃ʲ ʜtsəʊ̃ʦʲ ɑ̃ ʜtsəʲ fɳʦɑ̃ ʜtsʕtstɑtsɑ̃ʷ əfɳʲ fɳəʲ ʜʲ ɑ̃ɑ̃ɑ̃ʃʷ, ʕʊ̃fɳʊ̃ʸ ʰ ɑ̃ʲ fɳʸ ʏ ɑ̃ʃətslsɑtsɠts ɑ̃ʒʊ̃ʊ̃ʲ lsɑ̃ʟɑ̃ʒʊ̃è. ɪ tsʜʊ̃ɑtsʕ ʕʳ ʙɑ̃ɑ̃ʲ

ɾ ɑ̃əʲ ʰ ɹ , fɳstʙ fɳʦəʲ ɑ̃ɑ̃ɑtsʲ lstsɑ̃ʑ ʕts lstsɠʜʊ) ʕtsɠʜʊ̃tʃtsɑ̃ʑ ʟlzʲ ʰ ɹ fɳʸ tɛʊ̃fɳʃtsɑ̃tsʏʲ ɑ̃ɑ̃ʃʲ ɑ̃ʒɹʰ tʃtsʜɑ̃ʑɠɑ̃ʃ̃.

ɻʸ lsʲ

ʂ tstɑtsɑ̃ʲ əfɳʕɑ̃ʔ çʃtsʜʊ̃ɑtsʕè ə əɑ̃ʜʲ lzʕʊ̃Lʊfɳʦəʃʊ̃ɑ̃zfɳʃʷ lsɑ̃ʜʲ fɳʸ lsɑ̃ɑ̃ʲ lsɑ̃ʲ ɑ̃ʒʃ ʲ fɳɳʒʲ tɛʊ) əfɳstɑʲ ʋʊ̃əʰ ʲ ɠts fɳəʦʕʔ ʁ ʙɑ̃ɑ̃ʲ ʔ ɑ̃ʲ ə fɳʊ̃ɑ̃ʒtsʒtɛʊ̃ʜlzʏ ɑ̃tsɑ̃ʒɑ̃ʑɑ̃fɳstɑtsʲ ɑ̃ɑ̃ɑ̃ɑ̃. ɸ fɳɳɑ̃zʋɑ̃ɑ̃tsfɳ ətsls ʋlsts. ʊ̃ʲ ɑ̃ɑ̃ʲ ɑ̃ɑɪɑ̃ʷ l ɑ̃ʕtsɑ̃ʊ̃ ɪ ʲ tɛɠʊ̃fɳʊ̃ʜtsɑ̃ʒɑ̃ɑ̃ɑ̃ʦ

[illegible] 1785 [illegible]

[illegible]

[illegible] 1984, [illegible] 28).

Ʒɜʁɑʃɑjʔɑzƶ ʔ ʜɑzʷ ʃ ɟ fɳɑʄʒ tɷO1784 ɢtsʜ ʁʳ ɑzɑƶOʃtsɑzɑjˌɑzƶɑʒɑzsʏɟ fɳʄɜtsɑʒʟɑƶOɑʄjˌɑƶOɜsjˌɑzˌɑzƶ⊐ fɳʄsʁʳ lsɑʃʔ. ʜ Oɑʒʳˌʔˌɑʃʟɜjˌfɳʄsɑzƶˌʔˌɑʃʟˌlzˌujˌɑzɑʃʕtsɜ ʃ ɟ fɳɑʄʒ tɷO) ɑʒOɑɷʕɑʃʟˌʜjˌ ɪ ᵡ ɑʃfɳjˌtʃtstɷ, ʕtsɑʒOɑzʜɑʃtɷtʃtsɑƷtsɜtsʔ Oɑɷsɑʃɑzɑjˌtɷɑʃɑˌ, tsɭsʕtɷʳ ɑzʷɜɑjˌɑzƶɑʃˌ ɑʃfɳʕlzfɳɳsɜjˌɑzƶɑs ɜʳ ʟɜOɑzƶɑsɢts fɳʄsɑʒɑzƶOɑɷʒlzɑzɑʃʟɑʒO) ʕtslststɷtsˌ ɜʳ fɳɜjˌlsɑʃɑzƶs fɳʕtɷʳ lsʳ ˌ ʷʷtstɷɑzʒʳ ɜʟOɑʃɑʒʄsʜjˌʔʕfɳɳsɜɑʃʷ ʜlzʰ ɑʃ ɑʃ lsjˌɑzƶO) ɑʒʃɑʒʄs ʕtslststɷtsɢts tʃtɷtsʰ ˌɑzʃ ɟ fɳɑʄʒ tɷ. ʕ tstɷtslsʕtsˌ fɳʄsʁʰ ˌ ɑzƶʃɑjˌ tsʙ ɬ lstsɑʒtslsʕtɷʳ lsʃɑʃ, tstʃlzʙɑzʃʕtsɜOɑzƶsˌ ɑʒOɷʕɑʃʟtsɑʒɜ ɹ tstɷʜts, tʃtɷtsɑʒˌɑzʔʕɑzƶɑs ɑjˌʟOɑʒˌujˌɑzƶlzˌ ɑzʒ*. ɹ ɬ lstsɑʒɢtsʜlz ɜts ʌ tɷOɑzɑʃʃtɷtsʃfɳʕtsʜʃɑzƶs fɳʄzʃʰ ʕtsɑʒɑʒɑzsɢts fɳʄsʁʳ lsʃʔ, ɥʃstsʁʳ ɬ lsO ɜˌfɳʄsᵘ ɑʒsɢɑzOɜʳ ʟɜOlsᵘ ʃɑzƶsˌtɷˌfɳˌɹ ɪ Oɷɑʃʏˌɟ tslsʕtɷʳ ɑzfɳʃʃɑʃʟOɑzˌ ɹ tsʏtsɑzˌɜ ʕtslststɷtsɑʒtʃtɷˌʟɑʜˌɑzƶs ɪ Oɷɑʃʏ fɳʕtsʔ ɑzˌʜɑʃɥʃɑzɑzʕtsʔ OʕOʜˌɑʒʃɑʃ (ʃɑʒtsɑzƶfɳʄsOɑzˌʄlsɜ 1933 ɢ.) zˌ Oɷɑzƶ ʈ ɑʃʰ ˌ ɜ 1875 ɢtsʜlz tʃtɷtsʜtsɑzɷˌɑʃlstsʃʳ lsʳ ɪ ᵡ ɑʃfɳˌɢᵡ tɷOɑƶOʜ fɳtsɑʒɑzOɑʒʙlzɑzOɑʒʃ.

29 ʷʷjˌɜtɷOɑzʷ ʟOʕɑzƶ ɥˌjˌɑzɑƶ ʔ ʃ tsɑzƶfɳˌjˌɑzƶɸ ɑzʷʷtsɑzƶfɳʌ tɷOɑzɑɳzOʜˌ ʜOʜ ʙʳ ɑzʃˌjˌtɷˌɜˌjˌʜˌjˌɑzƶɜ ɹ Ofɳʄsɑʃɑzˌᵡ . ɪ ʜˌjˌ fɳ tsɑzʃtɷtsɜˌjˌʜˌjˌls 5 ɑzˌjˌlsɑʃ 4 ɑzˌjˌ fɳʏᵘ ɥO(ʜts 14 ɑʃᵡ ɑzʷ 1789 ɢ.). ɪ tɷɑʃɑzˌjˌɥOʕjˌɑzˌ ɑzƶs, ɥʕstsɹ Ofɳʄsɑʃɑzɑʃʷ, tʃtsfɳʄsɷtsˌjˌɑzƶɑzƶOᵛ ʂ OɷɑzƶsɑzʒV ʃ ɟ lzʜtɷʳ ɑzʒʕtʕɷˌjˌtʃtsfɳʄsᵘ ʜɑzʷ lOᵘ ɑʃlsʳ tslsOɑzɢɑzƶɑʃɥOɑzˌʙʳ ɑzOɑzˌɑzˌʕtsɑʒʳ fɳɑzˌjˌɑzƶɑs tʃtɷˌjˌɜtɷOᵘ ˌ ɑzƶOʂ Oɷɑzƶsɑzʒ VI ɹ ˌ ɟ lzʜɑzʒɑzˌ ɑzʒ(1368ð 1422) ɜ ɢtsfɳʏʜOɷɑzfɳʄsɜˌ ɑzɑzƶʷ lsᵡ tɷʳ ɑzʄz. ɪ Oʙˌjˌlzɑzʃɑʃˌj tsʜɑzƶsɢts ɹ Oɑzƶ Ofɳʄ lzfɳʄsʷ ɥˌjˌlsʳ tɷˌjˌ ɜˌjˌʂ Oɹ lzɷʙtsɑzƶOɑʒtʃtɷɑʃʜˌjˌlsfɳʏ tɷOfɳʄɑzOɥɑʃɷɜOlsᵘ fɳʏ fɳʄsʙ fɳʄsɜˌjˌɑzƶɑzƶs? ʂɷtsɜɹ ᵡ ... ƻOʕ fɳɑzƶOɢˌjˌlsfɳʏ ɑʃfɳʄsʃtɷɑʃʷ!

ƻOʕtsɜ ɜ fɳʘOɑʄsɑzʒfɳɣ[Olsʃtsɑzʒɑʃʟɑzɑtsʏˌjˌɑzɑʃɑʃ ɜɑzƶʰ ɑzƶʔ ⊐tsʜ fɳʄsʁʳ lsɑʃʔ, tʃtɷˌjˌʜʰ ˌjˌfɳʄsɜtsɜOɷʰ ɑʃʔ tɷˌjˌʰ ˌjˌɑzƶᵡ ɢɑzƶOɜɑzsɢts ʜɑzʷ ʃ ɟ fɳɑʄʒ tɷO ɜtsʃtɷtsfɳʘ .ʃ ᵡ ʜtsɜɑʃʂ XVI, lzɜʷLʰ ɑʃʔ ɜ fɳjɑzʒʔɑzƶ⊐ ɑʃ ʜtɑzɢɑʃ⊐ tʃtɷtsʙɑzɷɑzʒOʕ, ʟOʙʳ ɑzƶts ʃ ɟ fɳɑʄʒ tɷˌjˌ, ɑzɑs ɑʃʟʜOɑzƶɑzƶ ʔ ɑʃɑzʒlzʂOʟ, tʃtsɜˌjˌɑzɷɜOᵍ ʰ ɑʃʔ ɸ ʂOʜˌjˌɑzʒʃɑʃ ɑzƶOlzʂ ɑʃ ʂ tstɷtsɑzɷˌɜfɳʄtsɑzʒz ɑzʒ ʜɑʃtɷtɑfɳʄsɑzʒz tsʙʰ ˌ fɳʄsɜlz ɑzƶOLɑzƶtɷʃlsᵘ ʂtsɑzʒʃfɳɳɳʃᵡ ʜɑzʷ ɑʃfɳɳɳɷˌjˌʜtsɜOɑzɑʃʷ ɑzʒ fɳɑʄʒ tɷtsɜfɳʄtsɢts ɜɑzɑʃʷɑzɑʃʷ, ɑzɷlzʂtsfɳɑzɑʃlsˌjˌɑzƶɑs ʙʳ ɑzɜʳ tʃtsɑzɑʃɷˌjˌɑzɜ lzʂOʟOɑzƶˌ ɟ fɳɷtsʂʃɑ. ʂ tsɑzʒʃfɳɳɳʃᵡ fɳʄsʙtɷOɑzʙOɷtsɑzˌʃ lzɑ-ʃ tʃtsfɳʄs ʜˌjˌ ɹ tɷˌjˌlsˌjˌʔɑzƶ, ɑzʒʃɑzƶɑʃfɳʄstɷʜɜtstɷOɑʃ ɢlzʙˌjˌtɷɑƶʂtstɷɪ Oɷɑʃʏ O

ʃ fɳʄsfɳʄsOɜ ʂtsɑzʒʃfɳɳɳʃɑʃ ɜtsʰ ɑzƶʃ ɜɑʃʜɑzƶ ˌjˌ lzɥˌjˌɑzƶ ˌjˌ tslsɸʂOʜˌjˌɑzʒʃɑʃ ɑzƶOlzʂ: ʷʷ ɑʃʟɑʃʂ ɹ . ʌ tɷOɑzƶɑzƶʃɑzƶɑzƶð ɑʃʟtsʙtɷˌjˌlsOʄsˌjˌɑzƶ ɢtɷtsɑzʒtstslsɜtsʜO) OɑzƶjˌtɷɑʃʂOɑzƶɑzƶʔ tʃtsfɳʄsɑzɜtsʌ tɷOɑzɑɳzOɑʃʃ, ɑʃɑzsfɳʄstɷOɑzƶɑzƶ ʔ tʃtsɥˌjˌlsɑzƶ ʔ ɥˌjˌɑzˌɑzƶ ɪ Oɷɑʃʏ fɳʕtsʔ OʂOʜˌjˌɑzʒʃɑʃ; OʂOʜˌjˌɑzʒʃʂ ʃ Oɜlzʘʟˌjˌ, tʃtɷOɜtsɜˌjˌʜ, tɷˌjʷtstɷɑzʒOʄststɷˌɑʃ tsfɳɷtsɜOʄsˌjˌɑzƶ fɳʄsɜtɷˌjˌɑzˌɑzƶɑsʔ ⊐ɑʃɑzʒʃɑʃ. ɪ tɷˌjˌʜfɳˌjˌʜOʄsˌjˌɑzƶ fɳʄsɜts-

* ɪ OʃɳɑʃfɳʕOts fɳˌjˌOɑzƶfɳʘ⊐ ɑzˌjˌɥˌjˌɑzɑʃʷ ʏ ɑʃɜtslsɑzƶ ɑzƶɑzʒOɷɑzˌjˌlsʃʟɑzʄsɑzʒ ɑʃɑzʒɜʰ ɑʃ⊐ ɑzˌjˌfɳʄsts ɜ ɹ Oʔtsɑzɑzˌjˌ, OʜtɷˌjˌfɳʄsɜOɑzɑzƶOᵛ OʙʙOʄsɥˌjˌ ɪ lzɑzƶOɑzˌjˌ, fɳʄsɜˌjˌlsɑzɑʃʕlzʃOɷɑʃɑzƶOɑzˌjˌɑzʒɑzsOɜ ɹ tstɷʜts, 1784 tɷ.

ʕGʕ qʃ⊐lzʜtsʞjˌfɳʂəjˌdɤʑtsjˌ lsətstɕujˌfɳʂəts, dʑɸfɳtsdʒʑɸjˌdɤʑtɤs, fɳtsʜjˌtɕʞqʃlsə fɳjʙjˌ dʑɸujˌʕlstɤs, lzfɳʕtsdʑʟΘʸʰ jˌjˌ tslsəfɳʸʕtsɢtɤs lstɤujˌtɤsɢtɤs qʃʟdʒjˌtɕjˌdɤɸʃʷè (Appelbaum, 1978). ɭ tɤs ɢdɤΘəˌdɤtsjˌ, ʕGʕ tsʙʲ ʷfɳɸɤʃdzqʃʟəjˌfɳʂdʑʔ ʷʷqʃʟqʃʕ ɻ. ɾ . ʃ tsʰ ʕGɸɤjˌə: çɻ dʑ ʙtsdʒʷʷqʃʟqʃtsdɤtsɢqʃujˌfɳʕtsdʒʲʕfɳʃjˌtɕʃdʒjˌdɤtsjˌ jˌfɳʂʲ dʒʃdɤʃdʒʑdʒdɸjˌtsʙ⊐tsʜqʃdʒʳ ⊐lzfɳɸɤtsəqʃʔ, tʃtɕʃ ʕtslstɤtɕʳ ⊐ʷədɸjˌdɤɸjˌ tʃtɤtsqʃfɳ⊐tsʜqʃls. ʊΘʕ ətsls, fɳʕjˌtʃlsqʃujˌfɳʕtsjˌ ətsfɳʃtɕʃʷlsqʃjˌ ʷədʑʷjˌlsfɳʸ lsjˌdʒlzfɳɸɤtsəqʃjˌdʒ ʕtslstɤtɤtsjˌ jˌɢts ʙɤtsʕqʃtɤzjˌlsè*.

ɻ ʜtsʙΘətsʕ ʕ ʲlstɤsdʒʑʙʳ dʑjˌʰ jˌ tsʜqʃdʑəΘʞqʃdʑʔ dʒtɤsdʒjˌdɤs, ʕtslstɤtɕʳ ʔ dʑɸdʑʟʷ lzʃlzfɳʕΘɤsʲ qʃʟ əqʃʜlz. ʃ jˌfɳɸʒjˌtɕɢtsətɤtɕʃdʑ, ujˌstɤs fɳtsɢdɤΘfɳɸʃlsfɳʸ fɳtslɤtɤzʜdɤʃujˌΘɤsʲ fɳʕtsdʒʃfɳɸɳjˌʔ lstɤsdʑʕtsəlstɤsdʒfɳɸɤzujˌΘ, jˌfɳɸɤzʃ ʙlzʜjˌls fɳtsʙdʑ ʜΘɤsʲ fɳʸ fɳtsɤtɤsɢtɤs dɤΘɤzujˌdʑ ʔ tʃtsʜ⊐tsʜ. ʉlzɤsʲ jˌɢts fɳtsfɳtstsʷdɤΘə lstɤsdʒ ujˌstsʙʳ qʃfɳʃtsdʑ ʟtsəΘɤsʲ ʕtsdɤtɤtɤsdʑ dɤɤʳ ɢtɤzʃtʃlz: qʃʟ 24 tsʙfɳɸɤjˌʜlzjˌdʒʳ ⊐ʜtsdɤɳ dɤtsʙʳ lsʲ 12 ʙtsdʑ dʑ⊐, dɤɸujˌqʃəʰ qʃ⊐fɳʸ ʞqʃəɤtɤlstsdʑ dʒdʒΘɢdɤɸjˌlsqʃʟdɤʃtsdʒ qʃ lsΘʕtsjˌ ʞjˌ ʕtsdɤqʃujˌfɳʂətɤs, dɤɸujˌqʃəʰ qʃ⊐fɳʸ tsʙʳ ujˌdʑ dʒʃ ʜdʑʷ lstsɢtɤs ətɤjˌdɤɸjˌdɤɸʃʁ fɳʂɸjˌtʃjˌdʑ tsʙtsfɳɸɤsəΘɤɤɤtsfɳʂqʃ tʃtɤɸjˌʜdɤtsʞjˌdɤɸʃʷ ʃ jˌfɳɸɤjˌtɕΘqʃ dɤɸ tʃtɕʃfɳɸɤʑʰ Θɤɤfɳʸ ʕʲlstsdʒʑ tʃtɤɸjˌʜdɤtsʞjˌdɤɸʃʁ . ʀ ʲlstsdʒtsʞjˌdɤtsʃtsdʑʑlsʲ . ɻ fɳʕtɤzʞqʃəʰ jˌjˌ ɢtsdɤtsəʳ tʃΘɤɕqʃʞΘɤɤɤdʒdʒɸjˌfɳʃjˌtɤtsəfɳʕtsjˌ dɤɸujˌdɤɸjˌ əʳ ɢdʑʷʜjˌdɤtsʇujˌdʑ lzʞʰ ΘɤɕɤΘsΘɤɤfɳʕqʃdʒ υ ujˌdʑ ⊐ɤɤΘfɳtstɤtɤsʞqʃdʑʰ lzdʒətsʕtɤzɢtsujˌtɤɸjˌʜdɤtsʔ tʃΘɤɤΘujˌqʃ ð dʒɤtsɢtɤs qʃ⊐ʟdɤɸəΘɤɤΘ qʃfɳtstɤɕʷ dʒɸjˌʜqʃujˌqʃdʑ . ɸ ətsʕtɤzɢdʒɸjˌfɳʃjˌtɕʃʟdʒΘʕqʃtʃjˌdɤtsdɸjˌdʒΘɤɤtsfɳtstɤɕfɳtsjˌʔ, ujˌstsfɳɸɤʃʞΘɤɤtsjˌtɕʃjˌ ΘʕΘʜjˌdʒʃqʃʕtsə.

ʇ tsʕtsətsʔ ɢtsʜ ʜdʑʷ tʃfɳʃ⊐tslsjˌtɕΘʃqʃq

υ lstsʃqʃq ujˌfɳtstsʕtsʕΘʟʳ əΘʸ lsfɳʸ dɤʃʰ ˌ tʃtɕjˌʞʜjˌətɕjˌdʒjˌdɤɤtsəʳ fɳʕΘʟΘɤɤdʑ dʒʃ qʃfɳtsʃqʃdɤΘɤdʒʃ.

ɸ. ʃ ΘɤɤΘtɕʃfɢʃqʃdʑ

ʊdɸjˌəʰ qʃʔ ʕtsdɤʷ dɤʃʕlsdʒjˌʞʜlz ʃ jˌfɳɸɤjˌtɕtsdʒqʃ ɾ jˌfɳɸɤtsdɤtsdʒəjˌfɳɸɤtsʔ tʃtɕjˌʜjˌdʑ dɤtsʙtsfɳtstɕʃdzfɳʸ qʃ tʃtɕʃəjˌdʑʕtsʕʃʕΘʕtɕʳ əlz qʃ⊐tslsdɤtsʰ jˌdɤʃʔ. ɻ tsfɳɸɤjˌtslsʕΘʟΘʃ jˌfɳɸɤjˌtɕΘfɳtstɤtɤzʜdɤʃujˌΘɤsʲ fɳʕtsdʒʃfɳɸɳjˌʔ ɾ ΘɤɤΘɤɤ→ʉqʃdʑəjˌdɤΘɻ Θʔqʃtʃtsfɳɸɤjˌʜdɤʃʔ tsʙtɕΘɤsʃqʃdzfɳʸ ʕ

Åçɸqʃʌ . ɻʜtstɕtsəʲjˌè, 2001, ¯ 44, fɳ 7.

ʃ ɑʃ⊐Oɑʃɑzz¸ ts?ʷ ʲ j ls

ʕtsɢʜOtɕj ɳᵘ ʟO⊐tsʜɑʃls ts ʧtɑɕʃɑʒj ɑʑɡɑʃɑ ʧ fɳɡʃ⊐tsɑʒsɢʃɑˈɳj fʑtsɢts ɑʑɡʕOɑɕfɳʒɔOð ɔɑɑzʰ j ɑɑʃʷ.

ʕ lsOɑʑj lzʜOɳOɑʑj ts⊐ɑɑOʜʃɑɑOʧʳ ɑzʕtsɑʒʃɑfɳɡʃɑʃ. ɻ ɻ Ofɳɡʃ, ɢʜj tsfɳʒOɑʒɔʃɑɑzʃ ʌ tɑOɑʑ⁴ɑɑʃɑɑ, ʧtɑɕʃɑɢɑOɡɳʃɑɑʃ fɳjɑʒj tɑʳ ⊐ ɢtstɑtsɤ Oɑʒ. ɻ tsfɳɑʑj ɑʒOɑɑʃʧlzɑzʷɳɑʃ? ɾ j fɳɑʒtsɑɑO ɳj lsɔj tɑts ɑɑʃɳj ɢts ɑʑɡ tsʰ lzlsʃɑɑʃ, lstɑtsj ʟOʸɔʃɑɑʃ, ɳʒstsɔ lz ɑɑʃ⊐ ɔtsʟɑɑʃʕɑɑʃ ɑʑɡtsʙʳ ɳɑzʲ j tsʰ lzʰ j ɑɑʃʷ. ɻ tsʜtsʙ ɑzʲ ɑʒɤ j j tsʙtɑOʟtsɑʒʃɑfɳʧʳ lsOɑɑʃ fɳjɑʒj tɑʳ ⊐ ʙtsɑzʲ ɑzʲ ⊐ ʃɑʟ ʙɑɑOɢtstɑtsʜɑʒtsɢts fɳʒsfɳɑʒtsɔʃʷ: ʧʷlsj tɑts ɑʒʃɳj ɢts ɑʑɡ tsʰ lzlsʃɑɑʃ, ʜɔtsj ʧtɑɕʃʟɑɑOɑʒʃ, ɳʒstsɳʒstsɳlsstsɑ ɳᵝ -ɑʒj ɑʒʃɑɑʃ, ɔʟʷɑzɢtɑzʧʧlz ʃʟ ʜj fɳʸlsj tɑʳ ⊐ ʙtsɑzʲ ɑzʲ ⊐, lz ʜj ɔʷlsj tɑʳ ⊐ tɑj ʟlzɑzʲ lsOʒs ʧtsɑzʒɳʃɑʃɳʸ tslstɑʃɳOʒsj ɑzʲ ɑzʲ ?; tsʜɑɑOɤ j ɑzʲ ʃɑɑʃ ɑɑO) ʕtslststɑOʸ ʃ ɑɑO ʟɔOɑɑʃʷ-lstsçɤ ʃɔtslsɑzʲ ? ɑʒɢɢɑʑj lsʃʟɑè ɑʑɡ fɳɡzʰ OɑɑO) ɳʒɔfɳɡʃɔtsɔOɑɑOɤ Oɑɕ, ʙtsɑzʲ ɔ ɤ j ɑɑzʜʕj , ɔ fɳɡʃɑʑɡ ʃ ɢtsɑɑsɔj .

ɻ j tɑɔʳ ? ʃlstsɢʙʳ ɑzlsOʕtsɔ. ʜ ʕj ʧ lsʃɳj fɡʃ ɑ ɑɢfɡstɑtsj ɑɑzʲ j ʕtsɑʒʃfɳɡʃtsɑʑɡ tɑʳ ɔfɡj⊐ ʜj fɳɡtsɑɑsɔfɡʃ⊐ ʧOɳʃɑj ɑɑstsɔ (lz ʕtslststɑʳ ⊐ tɑj ʟlzɑzʲ lsOɑs ʙʳ ɑzʧtsɑɑsɤ ʃlsj ɑzʲ ɑzʲ ?) ʧtɑʃɑzʷɑɑʃ ʟOʃʧ⊐tsɑɑʜtɑʃʕtsɔ, ʟOɑzʲ ʜj ? ɑʑɡ ɢʕtsɔj tɑɑzʲ ⊐, fɡʃɑɑsɑɑzʲ ⊐ ʕ ɳlzʜj fɳOɑʒ ɔj tɑʷʰ ʃ⊐ ɔts ʷ ɑzʲ ɑʃʜ. ɻ Oɤ ɑzʲ ⊐ tsfɳʒsʙ, ʧtɑʃɑɑɑʃɑʒOɔʰ ʃ⊐ lzɳOfɳsʃj , ʧtsfɳɳʃlsOɑɑʃ ʟOʧtsʜʕlzʧɑʑɡ ɑɑzʲ ⊐ tsʙɑʒOɑzʲ ʃʕtsɔ.

ʃ ʧʳ lsʳ ʧtɑtsʜtsɑɑzʲ Oɑɑʃfʰ). ʃ ɾ j fɳɡtsɑɑsɑOʧtsʧtɑtsfɳʃɑɑʃ ɑɑOɑʒOɢɑʑɡ lsʃʟɑʃtɑtsɔOʒsᵘ ɳOʰ ʕlz ʜɑzʷ ʧɑʃlsᵘʷ, ɳOɑzɑʃ tsʜɑɑs ɑʃʟ ʜj tɑj ɔᵘ j ɔ ɔ fɳɔʜlz ɻ Ofɳɡʃ. ʃ ʜɑɑʃɑʒʧOɳʃj ɑɑsOɑʒʙʳ ɑɑs ʧtɑj ʜɑɑsʲ j ɑɑs ɔʳ ʧɑʃlsᵘ ɑʃʟ ɳOʰ ʕɑʃ, ʜtɑzɢɢʃɑʒð ʧtɑtsɢlzɑzʷlsᵘ fɳʷ ʧts Oɑɑʑɡj , lstɑj lsᵘ ɑʃɑʒð ʧtsʜtsʔlsɑʃ ʕ ɳOɑɑz. ɻ tɑʃɑʒj ɳOʒsj dz ɑɑs, ʕtsɢʜOʙtsɑzʲ ɑzʲ ɑʒɑʑɡ fɡʃstsʙʰ Oɑɑʃ, ɳʒstsʜj tɑj ɔts, ɳOʰ ʕOfɔtsʜtsʔ ɑʃɑɑʃ ɳOɑzɑɑOʑɢɑʑɡ lsʃʟɑʃtɑtsɔOɑɑz , ɑɑʃʕOʕɑʃ⊐ tɑj Oʕɳɑʃ? ɑʑɡ ɔtsʟɑɑʃʕOɑɑs. ɭ ts fɡʃstsʃɑʃɑɑs tsʙ ɻ lstsɑʒ fɡʃstsʙʰ ɑʃlsᵘ ɑʃɑɑʃ fɳOɑʒtsɑʒz ɾ j fɳɡtsɑɑz ʜOlsᵘ ɳOʰ ʕlz, ʕOʕ ɑʒɑɑsɢɑʃj ɔʧOʜOɑɑʃ ɔ ʕOʕtsj -lstsʟOɢOʜtsɳɑɑsj fɡʃsfɳʒstsʷɑɑʃj , ʜOɤ j ɑʑɡ ʧtɑʃʙɑɑʃɤ Oʸfɳ ʕ ɑɑOɑʒOɢɑʑɡ lsʃʟɑʃtɑtsɔOɑɑzɑɑsɑʒz ʜj tɑj ɔlz ɑʃɑɑʃ j ʜɔOʕOfɳOʸfɳ ɳOʰ ʕɑʃ. ɾ fɳɑʃɑ ʙtsɑz ɑzʲ j ʙʳ ɑɑʃ lzɔj tɑj ɑzʲ , ɳʒsts

fmjsOdtOfmjslzvu[Ols LlzBOdsf, lOlsjdz3ofmj j j lsjdts lOlststf[dzx[Ots, dtOlstej ls j ? dz3[dtzlsj Hr ?OdtfmjlzvuOfmjsf[dtsfmj, lsjdts tf[tetsGdtzdtsfmj otfjtej H [lO=tetsx[Odts. t OlHOdtfmjy lsO?ts? fmjslz? LlzBOdsf, vulstsfmjlz h dts Br dts fmjs H=tstOJ tf[tetslstsG?tsdj ulstsGts tstfr lsOlOf[fmjOdt[: çl [G?lstsG? Btsdz dts? dj tf[te[G?fmjOdtfmjy, j j dsOGdjlsf[lf[tetsOdts fmjsBfmjsoj dtdtsj otstsBteO=[j dtf[j è.

12-? tstfr ls. 20-djlsdtww x[j dtl [dtO)G?tslstsOy dtOtf[tej Hr Hlzh j dsfmjOdtfmj dtf[h [dtOfmj tej v[, dtf[vuj Gts dj vuzofmjsotsOdtOdtf[tslsdsdtf[dts?, dtf[tslstej Odtz dts? dsOGdjlsf[lOv[f[. l ts, G?tsGHOj? lO=wlOdtf[GdtOlO) otstsBteO=[j dtf[j lslzlsx[j çtsvudtzdtsfmj è [Gtsdts=Otslswx[j dj dtO [OdsOtf[tstf[tetsfmf[dtO, vulstsBr [j fmjdtsdzf[tsHdj fmj tfOdjvuG?j j dtsfmjz, G?Ots dz lsts Hj dtOdtzf[tej x[Hj, G?tsGHOtsdtO?tsdj dsj dtO [j dtzh j vuj dsLOdsf[dtzlslz tsdtO dtf[h [dtOfmj HOteOtej v[.]r lsOyfmj LOGtsotstef[ls, tsdtOdtOf[te wGOdtOfmj [Lts ofmj? fmf[dz, dtts lsh j lsdts ð fmjz h Odtfmjy lstsdz?ts fmf[f.

14-? tstfr ls. l dsj fmjsts Hoj tef[, teOlHj dzwg h j ? Hoj tf[tetslsf[otstf[tsdtsx[dz j ?tsdsdtOlsr , ofmjsO=o[dtf[teOdsz, ts?djj dtdtzg Hotsdtts? Blzds3Gts?.] tef[GdtOfmf[o Hj o[vuz ð h oj g , ?tslstsOy o tf[tej Hr Hlzh [?? tstfr lsO? ?tstetsh ts tf[tsHHO=OdtOfmj ds3Gdjlsf[lds3z, [j fmjdtsdzvuj tej L Blzds3O=[dtzg teOdsz ds3Gdjlsf[lf[tetsOdzj j o lsjvuj dtf[j tf[tsdtzvuOfmj. l fmj ulsts otej dsw Hj o[vuO=oj fmj dts teOlGtso=tef[=OdtOfmjtsBh j fmjsotsds3[tslsoj vuOdtO dtOotstf[tetsfmj. [?OlOdtsfmj, vulststsdtOdtf[vuj Gts dj vuzofmjsotsOdtO ostsGHO[j fmjdtsdzotsh j dzo ?tsdsdtOlsz [tf[tef[dzwdtfmy j j ds3Gdjlsf[lf[tetsOls dj tf[tsfmjej Hfmjsoj dtdts. Y j tej L lsteaf[ds3[dtzls tf[tswo[dtf[fmj lswx[j dtsj Hr ?OdtfmjJ, tcr HOdtfmjJ, fmjslz? Llzbtso, x[j fmjstsG?Oy Gtsdtsodtoy Btsdz. [dtOlstsf[OdtOdtsGOds[, lOdtOdr oOdtOtdz?[. [j fmjdtsdztsBj wo[dz ç[tf[r lsts?tsdvu[dtfmyè. [HdtsGts ulstsGts fmjdtsOBr dts Htsotsdz dts, vulstsBr Hj o[vuOoj tedtzdtOfmj o dtstedsOdz dtsj fmjsfmjstswdtf[j.

R otslsc[lstsG. ş tsds[fmfmqw tsBj wfmjdtf[dtOofmj wodjdtf[w fmjdjHfmjso[j ds3çotstsBteO=[j dtf[w, tf[tsHteO=[Odtf[w cf tf[te[?tsfmjdtsoj dtf[wè. ? lsc[lstea[O?j dtsOdjfmjdtf[dtOfmj Bj ofmj lswx[j fmjs tslsoj lsfmjsoj dtdtsfmjs[lOds3O?djlsf[vuj fm?cj wj dtsds3j dz . l tslsvuj lsj 11 O=Gdzfmjs01784 GtsHOGts=otstef[lsfmy: çl tstsBteO=[j dtf[j Bj L ds3O?djlsf[lds3Oor Lr oGj ls tej G?vuf[c[. [O?djlsf[lds3Bj L otstsBteO=[j dtf[w dj or Lr oGj ls dtf[vuj Gtsè*. [lsfmj HOfmjzHtso=Odts, vulsts ds3O?djlsf[lds3Odj fmjzh j fmjsolzj ls, Otej G?vuf[c[or Lr oGj ls tsHdtsdtf[h l otstsBteO=[j dtf[j Btsdz dz ?.

l tstsBteO=[j dtf[j lsteG?lstso=Odtsfmj ?G?

* Les verdict des Academies des Sciences et de Societe Royale de Medicine. Paris, 1784.

[lz⊐ lz∫ tɑⱣɔɑzʸj ls ɑʒⱦlsj tɑɑ∫j ʔ. ∫ . ʊ⁻ʲ j tɑtɑɑ∫ '

ɹʳ ɑzs Bʳ Gtɑzfɲlsɑzs, j fɲɲzɑ∫ Bʳ ɑ∫L ɔfɲj⊐ ɲɑɑj ɑzsɔ Ɋtsɑʒɑ∫fɲfɲɲɑ∫ʔ ɑɑj ɑzⱦʲ ɑzsfɲ ɑzɑ∫Ɋtsɑts, Ɋlsts Bʳ ɑɑj fɲʃsɑ∫ɑⱦfɲɑ∫ɑzfɲʸ fɲɑ∫⊐ ɔʳ ɔtsHⱦɑʒɑ∫. ∫ lsɊⱦLⱦɔʰ ɑ∫ɑʒfɲʷ ʃɑtsHʃɑ∫fɲⱦlsᴴ LⱦɊɑzʸ ɲjɑzɑ∫j ɔlststɑtsʔ Ɋtsɑʒɑ∫fɲfɲɲɑ∫ɑ Bʳ ɑzfɲⱦɑʒjj ʃɑtɑjHfjjHⱦlsjɑzʸ ɸɑzslzⱦɑzʃ tstɑⱦɑzHj ɾ ʁ fɲfɲʲʸ, Lɑzⱦɑzj ɑzɑ∫lsʳ ʔ Btslsⱦɑzɑ∫Ɋ, ɲɑɑj ɑzɸ ɊⱦHj ɑʒɑ∫ɑ∫ ɑⱦɑzɊ, fɲʃsfɲʃstsʷɔʰ ɑ∫ʔ ʃɑtɑtsʷj fɲɲtstɑtsɑʒɔ ɪ ⱦɑɑ∫ʏ fɲɊʃtsɑʒɪ tslsⱦɑzɑ∫ɲj fɲɊʃtsɑʒfɲⱦHlz. ∫ ɑzʙʳ ɑzʃɑj ɑʒʷɑzɑ∫Ɋtsɑʒɑ∫Lɔj fɲʃsɑzʸ⊐ Btɑⱦlsᴴ j ɔ ɾ ʁ fɲfɲʲʸ. Hlsⱦɑʰ ɑ∫ʔ ɑ∫L Btɑⱦlsᴴ j ɔ ɸ ɑzstsɑz(1686ð 1758) Bʳ ɑzlzɲj ɑzɑ∫Ɋtsɑʒ Lɑzⱦɑzj ɑzɑ∫lstsGts ɾ tsLj ʷʷⱦɪ ɑ∫lsltsɑzⱦHj ʊlzɑtɑⱦj ʷʷlzɑtɑⱦ, fɲɊʃtslstɑɑ∫lsj ɑzʸ ɑ∫ tsfɲɑzsɔⱦlsj ɑzʸ fɲⱦHtsɔ ʊtɑɑ∫ⱦlstɑtsɑzⱦɑ∫ ʃɑtɑj ɑʒɑzɑ∫Ɋtsɑʒj Gts ʃɑts Ɋⱦʷʷj Hɑtɑj Btslsⱦɑzɑ∫Ɋɑ∫ ʃɑtɑ∫ Ɋtstɑtsɑzⱦɔfɲ ɊtsɑʒfɲⱦHj ; ɹ j tɑɑzⱦɑtɑ(1699ð 1776) ð tsfɲɑzsɔⱦlsj ɑzʳ 1-ʔ j fɲʃsj fɲʃsɔj ɑzɑzsʔ fɲɑ∫fɲʃsj ɑʒʳ tɑⱦfɲʃsj ɑzɑ∫ʔ; ɾ tsLj ʷʷ (1704ð 1779) ʃɑtɑj Hʃɑ∫ɑ∫ʳzʷzBtsʳʰ tsj ʃlzlsj ʰ j fɲʃsɔɑ∫j ʃɑts ɑzⱦfɲɑ∫ɑzlstɑtsʃɑ∫ɑ∫j fɲʔs ɸ ɑzjɑ∫ɑ∫Ɋɑ∫, tslsɊlzHⱦʃɑ∫ɑ∫j L tsGtɑtsɑʒɑzʳ Ɋtsɑzɑⱦj Ɋɑ∫ʁ tɑⱦfɲʃsj ɑzɑ∫ʔ. ɸ ɑzslzⱦɑzʃ tstɑⱦɑzHj ɾ ʁ fɲfɲʲʸ fɲɑ∫ɑ∫lsⱦjɑ∫ʃʷ ɑzⱦfɲstsʷʰ ɑ∫ɑʒtsfɲɑzsɔⱦlsj ɑzⱦj ɑzʒj fɲʃsj fɲʃsɔj ɑzɑzsʔ fɲɑ∫fɲʃsj ɑʒʳ tɑⱦfɲʃsj ɑzɑ∫ʔ, Gɑzⱦɔɑzj tsfɲɑzsɔʳ Ɋtslststɑtsʔ Bʳ ɑzɑ∫ Lⱦɑzsɑ∫j ɑzʳ ɾ j tɑɑzⱦɑtɑsɑ∫ʒɾ ʁ fɲfɲʲʸ.

∫ tstɑⱦɑzHj ɾ ʁ fɲfɲʲʸ tslsɑzⱦfɲfɲʷ Ɋ tstʃʳ lsⱦɑzʒ∫ j fɲɑ∫j tɑⱦfɲʙtsɑzʰ j ʔ Htsʙtɑtsfɲɔj fɲʃsɑzsfɲʃsᴴ ʁ ɑ∫ ɑzj ɑzʰ j ʔ ʃɑtɑj HɔLʷlstsfɲʃsᴴ ʁ , ɲj ɑzʒ ɲɑzⱦj ɑzʳ j Gts Ɋtsɑʒɑ∫fɲfɲɲɑ∫ɑ∫. ʊ ɲj ɑzsGts ɑzⱦ fɲʙɑ∫ɑzɑ∫ fɲlstsɑzⱦlz ʷʷⱦɑzsGfɲɲʒⱦGtstɑɑ∫ɑ∫ j fɲɑ∫j tɑⱦj jGts ɑʒⱦGɑzⱦj lsɑ∫Lɑ∫tɑtsɔⱦɑzɑzʳ j Hj tɑⱦj ɔɹʷ, Lj tɑⱦɑzⱦ, ɔtsHⱦ ɾ ʁ fɲfɲʲʸ lzɔɑ∫Hj ɑzɑzⱦj ɲlsts Btsʳʰ j j, ɲlsts ʃtstɑⱦlɑ∫ɑzs j Gts: ʃtɑɑ∫ ɑzsɔtsɑʒɑzⱦj lstsHj ɑzⱦBtsʳ ɑzsGts Hj ʔ fɲʃsɔlzj ls ɊⱦɊⱦʸ-lsts fɲɑ∫ɑzⱦ R ⊐tslsʷ tsɑz, ɊⱦɊ ɑ∫ tsfɲʃsⱦɑzʳ ɑz j, Bʳ ɑz ɑⱦ fɲʃtsfɲʃsBj ɑzⱦj j tstʃtɑj Hj ɑzɑ∫lsᴵ, ɑzsGɑ∫ɊⱦlzBj ɲʸ Hⱦɑzⱦɔ fɲʒʰ j fɲʃsɔtsɔⱦɑzɑ∫ ⱦGj ɑzsⱦ, çɊtslststɑɑʳ ʔ ɑʒsʸ j ls ʃj tɑj ɑzsfɲɑ∫lsᴵ fɲʸ tslstsHɑzsGts ɲjɑzsɔj ɊⱦɊ Htɑzɑtsɑʒz ɑ∫ ʃtɑtsɑ∫Lɔtsɑ∫lsᴵ ɔtsLHj ʔ fɲʃsɔɑ∫j è. ş GɊtsGts ʃtɑtsɑ∫fɲ⊐tsʸ Hj ɑzɑ∫ʷ ɹ lstslsⱦGj ɑzsð ʃ fɲɑ∫⊐ɑ∫ɲj fɲʃtsGts, ɑʒⱦGɑzⱦj lsɑ∫ɲj fɲʃtsGts ɑ∫ɑzɑ∫ ɹ ɑzj Ɋtɑɑtsɑ∫ɲj fɲʃtsGts,ð ɾ ʁ fɲfɲʲʸ ʃtsɑzʸlsᴵ ɑzⱦ ɑzsG, ɑzs fɲɑ∫lsⱦlz, ɲlsts Htsɑzʳ lzɲj ɑzʰ ⊐ j Gts ɑ∫fɲɲɑzj Htsɔⱦsᴵ, Ⱦɑzⱦ tslstɑɑ∫ɲⱦsᴵ .

* çɾ lz⊐ lz∫ tɑⱦɔɑzʸj ls ɑʒⱦlsj tɑɑ∫j ʔ è ð ɹ lsɑ∫ɑʒɑ∫Lɑtɑj ɲj ɑzɑ∫j ɑʒɑ∫Lɔj fɲʃsɑzʰ ʔ ʷʷ tɑⱦɑzɑlzLfɲʃɑ∫ʔ ɑ∫fɲʃstɑtsɑ∫Ɋ ∫ Gʁ fɲʃsj ɑzʰ ʊʲ j tɑtɑɑ∫ (1795ð 1856) tɑj Lʁ ɑʒʃtɑtsɔⱦɑzfɲzʰ ɑzsfɲʃsᴵ fɲʙtsj Gts ʷʷ ɑ∫ɑzsfɲʃsʷʷ fɲʃtsGts ɑʒʃtɑtsɔtsLLtɑj ɑzɑ∫ʷ.

separatum è, ...

[illegible]

[illegible] (1933).

[illegible] (1812) [illegible] (1982).

[illegible]

[illegible]

Фэтэсэдзэ дзэтэсэдзэ

4 февраля 1784 года Екатерина II подписала указ, по которому Потемкин получил 26

∫ ʳ lzϰ j ɹ ɑtsɔtstɑ∫ɑzɑ∫, ʋɻstsˢtscʒ∫fɳɡɳ∫ʷ ɑjᵩ lzɔɑ∫Hɹ ɑzO∋ ɑʒ⊙ɑ⊙ɑᵩ lsɑ∫ʋɻ fɳˢɑ∫ɑʒʷʷ ɑz ɑ∫Hj tʃtscz Lʳ , Btscjᵩ ɹ lstsɑtˢ, tscɑ⊙ j ɑtˢ H⊙ϰ j ɹ ɑjᵩ tsBɑzɑ⊙ɑzϰ ɑ∫ɑz⊙ ∫ tʃtscɑzɑscʒʷʷ tstɑcʒ⊙lsj ɔʳ ɔtsH tʃ j ɹ tɑɔtsᵀ ˢtscʒ∫fɳɡɳ∫ɑ ɑtɑ⊙fɳɡɳ∫ɑz ç Y ɑjᵩ ɑz ˢtscʒ∫fɳɡɳ∫ɑ lzB j ɹ H∫ɑ∫ɑz∫fɳ , ʋɻstsˢ ɑʒ⊙ɑ⊙ɑ∫lscɑz⊙ʸ ϰ ɑ∫Hˢtsfɳˢ (ʷʷ ɑz ɑ∫H.ð ϕɔlsˢtstɑc, ∫ . z ɻ .) ɑjᵩ tsˢ⊙Lʳ ɔ⊙ɻ ls ɑz⊙ ɑz⊙ʰ ɑ∫ tstɑcɑ⊙ɑz ʋɻzɔfɳks∋ ɑzɑ∫ˢ⊙ˢtsɑtˢ ɔtsLHj ɻ ⁇ fɳks∋ɑ∫ʷ. ∪ Htsfɳˢtsɔj tɑ∫ɔʰ ɑ∫fɳ , ʋɻstsˢ tʃtɑ∫ˢtsfɳɑtsɔj ɑzɑ∫j tɑzˢ ˢ ϰ ɑ∫ɔtslscɑtscʒz tstɑcɑ⊙ɑzɑ∫Lɑʒz tʃtɑtsɑ∫LɔtsH∫ls ɔ tʃtsfɳɑjᵩ Hɑjᵩ ɑʒɑ∫Lɑʒj ɑjᵩ ɑzɑ∫ʷ, ˢtslststcʳ j ɔj fɳ ɑʒ⊙tɑj Hˢtsʙʳ ɔ⊙ʸ ls j ɑʒz tʃtscjᵩ Lɑz , ɔʳ Lʳ ɔ⊙ʸ Btscjᵩ Lɑjᵩ ɑzɑtsj tɑ⊙fɳɡstɑtsˢ⁇ fɳks∋ts ɔtstsBtɑ⊙ɻ j ɑzɑ∫ʷ; tʃtsˢ⊙L⊙₂, ɑzɑ⊙ˢtscjᵩ ʋɻ, tʃtɑ∫ tʃtscʒsʰ ɑ∫ lstsʋɻzˢ ∏ tstʃʳ lstsɔ, ʋɻstsˢ ɔtstsBtɑ⊙ɻ j ɑzɑ∫j Bj L ɑʒ⊙ɑ⊙ɑᵩ lsɑ∫Lɑʒ⊙tʃtɑtsɑ∫LɔtsH∫ls ˢtscɑzɑzɑz fɳɑ∫ɑ, ⊙ɑʒ⊙ɑ⊙ɑᵩ lsɑ∫Lɑʒ Bj L ɔtstsBtɑ⊙ɻ j ɑzɑ∫ʷ cjᵩ tʃtɑtsɑ∫LɔtsH∫ls ɑzɑ∫ʋɻ Gˢts, ˢtscʒ∫fɳɡɳ∫ʷ j Hɑ∫ɑzɑsHzʰ ɑzɑs tʃtsfɳks⊙ɑzɑs∋ɑ∫ɑz⊙ ɻ lsO cjᵩ fɳzʰ j fɳks∋lzᵡ ʰ ⊙ʸ ϰ ɑ∫H ˢtsfɳˢ Bj fɳtʃtscjᵩ Lɑz⊙ ⊙lsj Lɑz⊙ʋɑ∫lsj cz cz j ɻʷʷ j ˢls ʳ , ˢtslststcʳ j ɑz⊙Bcz H⊙ʸ lsfɳʸ ʷˢtsBʳ ɔts ɔtɑj cʒʷ j j Hj ⁇ fɳks∋ɑ∫ʷ, L⊙∋ɑ∫fɳʸ ls tʃtscɑzɑsfɳksᵚ tsls tʃtɑ∫ˢtsfɑtsɔj ɑzɑ∫⁇, tsls ɔtsLBlzϰ Hj ɑzɑtsGts ɔtstsBtɑ⊙ɻ j ɑzɑ∫ʷ ɑ∫ tsls lstsGts ɑʒ⊙ʸ ɑ∫ɑz⊙ɑz ɑzɑGts tʃtsHtɑ⊙ɻ ⊙ɑzɑ∫ʷ, ˢtslststɑtsj , ɔtstʃtɑj ˢɑ∫ ɑz⊙ʸ j ⁇ ɔtscjᵩ , L⊙fɳks⊙∋cz ʲj ls ɑz⊙fɳ∋tsfɳtʃtɑtsɑ∫LɔtsH∫ls ɔfɳj , ʋɻstsˢ tʃtsˢtɑ⊙ɻ ⊙ɻ ls ɑz⊙ʸ ɑ∫ ʋɻzɔfɳks∋⊙è*.

∫ lstsˢ ϰ j ɹ ɔtɑj cʒʷ ˢtscʒ∫fɳɡɳ∫ʷ fɳʋɻ∫ls⊙ɑz⊙fɳj Bʷ tsBʷL⊙ɑzɑtsˢ⁇ tʃtɑ∫ɔj fɳks∫ tsHɑzɑs ɔj fɳ ɑʒ⊙ɔ⊙ɻ ɑzɑsj fɳˢtsBtɑ⊙ɻ j ɑzɑ∫j : ç ˢ lsɑ∫ tʃtɑ∫ˢtsfɳɑtsɔj ɑzɑ∫ʷ ɑzˢsGzlsˢtsˢ⊙L⊙lsᵚ fɳʸ ɔtɑj Hɑz ɑʒɑ∫, lsˢ⊙ˢ ˢ⊙ˢ ɑ∫L-L⊙ɑzɑ∫∏ ɔtstsBtɑ⊙ɻ j ɑzɑ∫j ɔʳ Lʳ ɔ⊙ɻ ls lz tʃ⊙ʋɑ∫j ɑzɑs⊙tʃtɑ∫ʋ⊙Htsˢ⁇. ∫ tɑ⊙ɔɑzɑs⁇ fɳksj tʃ j ɑzɑ∫ tsʃ⊙fɳɑtsɑ∫ Ltɑj ɑzɑ∫ʰ j ɻ lsɑ∫∏ tʃtɑ∫ʋ⊙Hˢtsɔ ɔfɳɑjᵩ Hfɳks∋ɑ∫j lstsGts tʃtsHtɑ⊙ɻ ⊙ɑzɑ∫ʷ, ˢtslststɑtsj tʃtɑ∫tɑtsH⊙ tʃtsˢ-ɔɑ∫Hɑ∫ɑzɑʒz, ɔtsLɔj ɑz⊙lz ɑz⊙fɳɔ Lˢ⊙ˢtscz ʉ ɑjᵩ Htsɔ⊙ksj cz ɑzɑs, ɔfɳʸˢtsj tʃlzBɑzɑ∫ʋɑtsj ɑjᵩ ʋɻ ɑzɑ∫j , tʃtɑ∫ ˢtslststɑtsʒBlzHlzlslzʋtslstɑj Bɑjᵩ cz ɑʒ⊙ɑ⊙ɑᵩ lsɑ∫ʋɻ fɳˢɑ∫j fɳtɑj Hfɳks∋⊙ ɑ∫ʒsϰ j ɹ ls tsˢ⊙L⊙lsᵚ fɳʸ ɔtʃtsfɳɑjᵩ Hfɳks∋ɑ∫ɑ tʃ⊙ɑ⊙lzBɑz ɑʒ.. ∫ ⊙ɑ⊙ɑᵩ lsɑ∫Lɑʒɑjᵩ tʃtɑj Hfɳks∋⊙ɑzʷj ls fɳtsBtsˢ⁇ ɑzɑ∫ˢ⊙ˢtsGts tʃtsɑtsϰ ɑ∫lsj cz ɑzɑsGts ɑʒj lstsH⊙ɑjᵩ ʋɻ ɑzɑ∫ʷ, tʃtsz Lts∋⊙ɑzɑ∫j ɑ∫ɑʒlstɑj Bɑlzj ls Btsz ʰ tsGts ˢtsɑzɑ∫ʋɻ fɳks∋⊙ɔtɑj cʒj ɑzɑ∫ ɑ ˢ lstsɑzz ϰ j ɹ Bj fɳtʃɑzHɑzs. ʉ lzʰ j fɳks∋lzᵚ ls Btsz cz j , ˢtslststcʳ j ɑjᵩ ʋɑ∫ɑzɑ∫fɳ ɔ lsj ʋɻ ɑzɑ∫j 18 ɑʒj fɳʸʋɻ ɔ ɑ∫ H⊙ϰ j ɹ 2 ɑjᵩ ls, ɑjᵩ tʃtsɑzʋɑ∫ɔ ɑzɑ∫ˢ⊙ˢtsGts tsBɑjᵩ Gʰʋɻɑzɑ∫ʷè (fɳʒ Rapport, 1784).

ʅ ⊙ɑcʷHlz fɳᵘ lsɑ∫ʒ⊙ˢ⊙Hɻ ɑʒ∫ˢɑ∫ tslsɑzj ʋ⊙ɑzɑ∫: ç∫ tʃtsɑ∫fɳˢ⊙T ϰ ɑ∫ɔtslsɑzɑsGts ɑʒ⊙ɑ⊙ɑᵩ lsɑ∫Lɑʒ⊙lzH⊙ɑzɑsfɳ ɑ∫Lzʋɑ∫lsᵚ Hj ⁇ fɳks∋ɑ∫lsj cz ɑzɑᵡ ɔɑ⊙fɳksᵚ , ˢtslststɑzᵡ ɑzˢsϰ j ɹ ls ɑ∫ɑzj lsᵚ ʋɻ ɑzɑs∋ɻ ˢ ɑzɑ⊙H ʋɻ ɑzɑs∋ɻ ˢtscʒ tʃtsɑʒ∫ɑzˢ ɑjᵩ tʃtsfɳtɑj Hfɳks∋ɻ ɑzɑtsGts ɔɑzɻʰ ⊙lsj cz fɳks∋⊙ʷ ɑ∫Lzʋɻ fɳˢtsGts ⊙ɑɻ ɑzɑs⊙ ʉ lzHʷ

* Rapport des commissaires charges par le Roi, de l'examen du magnetisme animal. Imprime par ordre du Roi. Paris, Moutard, 1784.

[illegible] (Rapport, 1784).

[illegible]

[illegible]

[illegible]

ɯɑʃtsɑʑOɑʑz ɑʑsj ɘtstsʁtɷOɬjɹɑʑɑʃj ʃtɷtsʕɑʑOʜr ɘOʃlsˡ ɘɑʑʑʰ jɹɑʑɑʃj, ɑʑʃsʁɑʃɑzɑʃʟʑʷ fɳʃɑz tstɷGOɑʑɑʃʟɑʒO; ɑʃfɳɹjɑzʸjls. ʕlsts ʃtsɑʑsɬjɹɑʑɑʃj ʃtɷtsʁɑʃɘOɑʑsfɳ ɘ fɳʂʟɑʑOɑʑɑʃj fɳʁtsɑzʰ ɑʃɑʒlstɷzʜtsɑʒ ʃ tsɬjls ʁʳ lsˡ, ʃtslstsɑʒʒz ɯɬsts, ʕOʕ fɳʕOɹʟOɑzʃ Oɑtsʰ ʷwlzʕts, çɑʑOɑʒlstɷzʜɑʑs ʃtsɘjɹtɷɑʃlsˡ lstsɑʒz, ɯɬsts ɑjɬɬɬɑʃlsʟO ʃtɷjɬɹjɹɑzOɑʒɑʃ ɑʑOʸ jɹɠts ʕtɷzɠtsʟtstɷOè. ɾ fɳʂˡ ʃtsɘtsʜ ʟOɑʒjlsɑʃlsˡ, ɯɬsts ɘɑʑʰ jɹɑʑɑʃj, ʕtslststɷsj fɳlstsɯʕɑʃ ʟtɷjɹɑʑɑʃʷ ʷwɑʃʟɑʃtsɑzsɠɑʃɑʃ ɑʃ ʷwɑʃʟɑʃʕɑʃ ʕOɬjɹlsfɳʸ ɑjɬɬ fɳʑʰ jɹfɳsɘjɹɑzɑʑ ɑʒ ʜɑʑʷ ɑʃfɳɹjɑjɬɬɑʃʷ ʙtsɑʑ ɑʑ⊐ʃtɷɑʃtsʁtɷjɹlsGjls ʃjɹtɷɘtsfɳʂjʃjɹɑzɑʑsj ʟɑʑOɯjɹɑzɑʃj. Ɪtstsʁʰ jɹɠtsɘtstɷʷ, ɯjɹɑʒʙtsɑʑʰ jɹɑʒjʜɑʃɯɑʃɑʑOʙlzʜjɹlsfɳɯɑʃlsɠOlsˡ fɳʸ fɳᵘlsɑʃɑʒ lsjɹɑʒ fɳʕtstɷjɹjɹʔlzʜOɬɳʂfɳʸ ʜtsʙɑʃlsˡ fɳʸ lzfɳʃjɹ⊐O; tɷOɭɘɑʃɘOʷ ʃfɳɑʃ⊐tslsjtɷOʃɑʃqˠ . ɻ tsfɳɑʃjʜɑjɬjɹ ɑjɬɬtsʁ⊐tsʜɑʃɑʒs, lsOʕ ʕOʕ ʁjɹʟ ʃfɳɑʃ⊐tslsjtɷOʃɑʃɑʃ ɑjɬɬɑzʟʷ tsfɳʑʰ jɹfɳsɘɑʃlsˡ ʃtsɑʑɑʑsj ɑʃʟɑjɬɯjɹɑʑɑʃj. çɪjɹʟ ʃfɳɑʃ⊐tslsjtɷOʃɑʃɑʃ ɑʒsɤjɑʑsɬstsɑzʕtsʃtsɯɑʃɑʑsˡ fɳOʃtsɠɑʃ ɑʃɑʑɑʃ ʃtɷɑʃɘɑʃɘOlsˡ tɷOɬjsjɑʑɑʃʷ, ɑʑsɑʑɑʃ ɘʕtsjɑʒfɳɯzɯ(jɹ ɑjɬɬɑzʟʷ ɑjɬɯɑʃlsˡ lsOʕtsʔ ɯɬzɘɬjɹsɘɑʃlsjɑzɑzʔ tstɷGOɑʑɑʃʟɑʒʕOʕɑʃɑʃɑʑOʃɑʃ, ɑʑsɑʑɑʃ ɘ

ʃ ɑ[¬Ⱦɑ[ɑzz¸ ts2ʷʷjls

ɘfɲjɘtsLɑʒtsxɩɑzˬ jˌ нɘɑ[xɩjˌɑɑ[ʷ, ʕⱾʕ ɑɑ⁚fɲstsʷʰ ɑ[jˌ ɑɑzɑɑⱾsɑ[ʕɑ[. ʀ ɑzˬ jˌ ɘɑʒjˌfɲstsˌlstscᵹts, ʋ[stsʙʳ ɑ[fɲʃʳ lsʳ ɘⱾsᴵ fɲɣнtstɑtscᵹɑ[, ʕⱾLⱾɑzɑ[fɲ, ɑɑⱾsʙtstɑtsls, ʃʇscᵹtɑɣxɩjˌɑɑzˬ ɑʒɑ[ɘ ɢɑɑzʙtsʋ[2ʰ ɑ[2 ʇʃtsʕts2è. Ɪ ɬ lstsɑʒtsʃɑ[fɲⱾɑɑzɑ[ʙjˌL lstɑɣнⱾɣɢⱾнʳ ɘⱾᵞ lsfɲʸ ɑ[fɲʕɣfɲɲsɘjˌɑɑzˬ 2 fɲsɑɣ(ɢɑ[ʃɑɑsL) ɑ[ɑ[fɲʕɣfɲɲsɘjˌɑɑzˬ 2 fɲsɑʒɑɑⱾɑʒʙɣɑɑz[Lɑʒ ʉɣzʰ jˌfɲsɘjˌɑɑzˬ 2 ɣzʃtɑjʕ ɘ Ȿнtɑjfɲʕtsɑʒ[fɲɲg[ɑ[, ʋ[stsˌtsɑⱾɑʒ ʃʇtɑɑ[нⱾɑⱾLɑɑⱾuˌɑɑ[ʷɬlsɑ[ɑʒʷɘɑˌɑɑ[ʷɑʒɑ[ɑˌ ɘɑɑ[ʕɑⱾɘ ɑ[¬ ʃʇtɑɑ[tɑtsнɣɣ ɑ[ʃʇtɑtsɑ[fɲ¬tsxɩнjˌɑɑ[j. ʂ fɲsxɩⱾɑˌɑɑ[ᵡ , ɑɑ[⌈ jˌfɲɑtsɑzˌɑɑ[ʃ jˌfɲɑʒjˌtɑ, ɑ[ɑʒjʷ нjˌɑtsɬlsɑ[ɑʒ[ʷ ɑɑtsɑʒjˌɑɑⱾɑʒ[, lsⱾʕxɩjˌ ɑˌjˌ ʃʇɑɑ[нⱾɑɑ[ɑ[ɑʒtsfɲsʙtsᵹts LɑⱾuˌɑɑ[ʷ. ʏ lsts xɩjˌ ʕⱾfɲᵹ]lsfɲʸ ɹ Ⱦ2ɑ[, lsts tsɑz ɘjˌfɲɑʒⱾtsfɲɑtsɘⱾsjˌɑzˬ ʃʇɑɑ[нⱾɑɑ[ɑ[ɑʒtsfɲsʙtsᵹts LɑⱾuˌɑɑ[ʷ. ɬ tɑ[ɑʒjˌtɑtsɘ, ʕtsᵹнⱾtɑⱾfɲɲzxɩнjˌɑɑ[ʷ, ʇʃtɑɑ[LɘⱾɑɑzˬ jˌ tslsɘjˌlsɑ[lsᴵ ɑⱾʕtsɑʕtɑjlsɑzˬ 2 ɘtsʃtɑtsfɲ,LⱾjˌtɑʰ Ȿᵞlsfɲʸ lzlsɘjˌtɑxɩнjˌɑɑ[ʷɑʒɑ[, ɑˌjˌ ɑ[ɑʒjˌᵡ ɦ ɑ[ɑʒʕ ʕ ɑˌjˌɑʒzˌʇʃtɑʷɑʒsᵹts tslsɑzⱾʰ jˌɑɑ[ʷ, ɑ[LɘjˌfɲsɑzⱾнtsfɲsⱾstsʋ[ɑzⱾ ɑ[ɘtsʙʳ ʋ[ɑzⱾ2 xɩɑ[LɑɑzⱾ, ɑ[ɘ ɑɑⱾzʕjˌ. ʕ lsɑ[lzlsɘjˌtɑxɩнjˌɑɑ[ʷ tsʕⱾLʳ ɘⱾᵞ lsfɲʸ, ʇʃts fɲzlsɑ[нjˌɑⱾ) tslsɘjˌlstsɑʒɑzⱾɑɑⱾfɲsɘfɲjɑʒнtɑzᵹts2, lsⱾʕ ɑ[ɑˌjˌ LⱾнⱾɑzⱾ 2 ʇʃtɑʷɑʒɑɑⱾ ɘtsʃtɑtsfɲˌʃ нɑɑ[ɑʒɑ[L ʇʃtɑɑ[ɑʒjˌtɑtsɘ ɑʒtsxɩjˌlsʕ ɑ[fɲststɑɑ[ʷ, ʕⱾʕ ɹ ʸ lsjˌ ɕɑɑ[fɲʃtɑtsɘjˌtɑᵹⱾɑzɬ ɭ ɹ ᵡ lstsɑzⱾ

Ɪʳ нⱾᵞ ɦ jˌɑʒzfɲᵞ ʇʃtsᵁ lslz ɑ[lsⱾɑzⱾɑɑsɑzɑ[ɘtsɑʒzˌjˌfɲsjˌfɲsɘtsɑ[fɲʃʳ lsⱾlsjˌɑzˬ ʀ .ɹʸ lsjˌ ʋtɑjˌLɘʳ ʋ[2ɑɑs ɑˌjˌ ɑɑɑⱾɘɑ[ɑʒfɲ lsjˌtstɑɑ[ʷ fɲsjˌlsⱾɭ ɹ ᵡ lstsɑzⱾ ɹʸ lsjˌ fɲɹɑ[lsⱾɑzⱾtsʰ ɑ[ʙʕts2 ɑ[fɲʃtsɑzˬ LtsɘⱾɑzɑ[jˌ ʇʃtɑɑ[ɑ[Lzʋjˌɑzɑ[ɑ[lsⱾʕtsᵹts jˌfɲsjˌfɲsɘjˌɑzɑtsᵹts ʷɘɑˌjˌɑzɑ[ʷ, ʕⱾʕ fɲsjˌls, tslsɘjˌtɑfɲsɑ[2, ɘʳ нjˌɑzʷᵡ ɦ ɑ[¬ lzLʕɑ[2 ʇʃlzʋtsʕ fɲsjˌlsⱾ ʇʃtɑɑ[LɑʒtɑⱾⱾɑzɑ[ⱾɣɢⱾʰ ɦ ɑ[¬ fɲsjˌlstsɘts2 ɑzˬʋˌ ɑ[ls. ʇʃ. ʉɘjˌls fɲɲjˌнlzjˌls ɑⱾɘʙɑzˬ нⱾlsᴵ, ʇʃtsɑⱾɢⱾɑzˬʋˌ ɹʸ lsjˌ, ɑˌjˌ ʇʃtsfɲɲtɑjˌнfɲɲsɘjˌɑɑzˬs, lsⱾʕɑ[ɑʒ ʕⱾʕ tsɑzˬfɲᵞʰ jˌfɲɲsɘlzjˌls ɘ ʇʃtɑɑ[tɑtsнjˌ, ʙjˌL ɘfɲᵞʕɑ[¬ ɑ[fɲʕⱾxɩⱾʰ ɦ ɑ[¬ jˌɢts fɲɲ2fɲɲsⱾɑ[ɑ[fɲʕⱾfɲɲsɘjˌɑɑzˬ ¬ ʇʃtɑ[fɲʃtsfɲɲsʙɑˌjˌɑɑ[2. ɬ tsfɲɲsⱾɑ[ɘ LⱾнⱾɑʋz tsʃtɑtsɘjˌtɑɢɑɑzlsᴵ ɭ ɹ ᵡ lstsɑzⱾ) ɹʸ lsjˌ ʇʃtsfɲɲstɑtsɑ[ɑzfɲɲsʙfɲɲsɘjˌɑɑzˬᵡ lsjˌtstɑ[ᵡ fɲɲjˌlsts-

ʃ ɑʃ⊐Oɑʃɑzz¸ ts?ʷʷ j ls

ɑ⅁ts ə. ɪ Gʃɳʃɳ , ɑ⅁zLʳ ʕO, əʃɳʸ tsʙʃɳ⅁Oɑ⅁sə ʕO, O⅁sɑ⅁sʃɳʷʷ j tɑO, ɥO⅁ɑʃəʰ Oʸ ə⅁ts ʕ⅁ɑzɑ⅁ɑ⅁ɑ⅁

[illegible] (Rapport des commissaires charges par le Roi, de l'examen du magnetisme...C. 1784).

[illegible] (384ð 322 [illegible]) [illegible] (Binet & Féré, 1893; [illegible], 1896; Tain, 1870) [illegible]

[illegible] 1988ð 1989 [illegible]

[illegible]

∫ ɑ[⊐⊙ɑ[ɑzz¸ ts2ʷ ʷ¸ j ls

ʕtsɑʒɑ[fɲɲɲɑ[ɑ[tʃts ʕtsɑɑstɑtsɑz ʟ⊙fɲtsfɲjstsʷɑɑɑ[¸ ɑʒɑ⁽tsfɲʃɑ[ɑ[lsꞏɑɑ¸ʔ*, ɑɑ¸ ɲ¸ ɑɑɑ[¸ ɑʒɑ[fɲtsʜ¸ tɑ>ɩ ⊙ɑɑɑ[¸ ɑʒɑ ɑɑɑ[⊐ ʜlzʰ ¸ ɑɑɑtsʙtsɑz ɑz⁓ ⊐, ɑɑ[ʜ¸ ɑz, ɲɑstsʜlzʰ ¸ ɑɑɑz¸ j ʙtsɑ¸ʟɑɑɑ[ɑɑ¸ ɲɑ[⊙ls ʕ⊙ɑɑ¸ ɑz⁓ ɑʒ>ɩ¸ ɑɑ¸ʟtsɑʒ fɲɑ[⊙ʙɑ[lsɑ¸ ɑz ɑz⁓ ɑʒ ɑtsʜtsʔ, ʕtɑtsɑtsʃʃlzfɲʕ⊙ɑɑɑ[¸ ɑʒ ⊙¸ʰ ¸ tɑ⊙ɑz⁓ʰ ¸, ʕ⊙ʕ ɑʒʳ ⁽tsɑtsɑtɑ[ɑɑ[, ¸ ʜɑ[ɑɑfɲsɑ¸ ɑɑɑtsʔ ʃʃfɲɲ[⊐tslsɑ¸tɑ⊙ʃɑ[¸ʔ ʙʳ ɑɑ[ʃʃʳ lsʕɑ[ɑ[ʕ⊙ɩɑɑ[, ɑɑtsɑɑ[¸ ʜɑ[ɑz⁓ ɑʒfɲɑtsɑtsɑʒɑ¸ tsʙɑ⁽tsɑzɑ[ɑɑfɲʸ ts ⁽ɩzɑʒ⊙ɑɑɑtsfɲsɑ[ɑʒ¸ fɲɑʒ¸ tɑtsɑfʕɑ[⊐ ɑʒ¸ lstsʜtsɑ.

ɭ ⊙sʙtstɑtsls, ɑ ¸ ⁽ts ʜtsʕɑɑ⊙ʜ¸ ⁽tsɑtsɑ[lsfɲʸ: ç∫ ⊙⁽ɑɑ¸ lsɑ[ɩɑʒtɑ⊙ɩʜtɑ⊙ɲ ⊙¸ls ɑ¸ tɑɑɑz⁵ fɲɲ[fɲs¸ ɑʒz, ⊙tʃtslstsɑʒz tsɑzɑ¸ ɑʒtsɲ¸ ls ʃtɑ[ɑʒ¸ ɑz⁓ʸls¹ fɲʸ ɑ ʕ⊙ɲ¸ fɲsɑ¸ lzfɲʃts ʕ⊙ɑ[ɑ⊙ʸ ʰ ¸ ⁽ts fɲɑ¸ʜfɲsɑ⊙ ʏ lstsɲ¸ ʕ⊙fɲ⊙¸ lsfɲʸ lzfɲʃ¸ ⊐tsɑ ɑ¸ ɲ¸ ɑɑ[ʷ ɑʒ⊙⁽ɑ¸ lsɑ[ɩɑʒtsɑʒ lstsɑ ɲɑ¸ ɑz⁓ ʕtsɑʒ[fɲɲɑ[ɑ[tʃtɑ¸ʜtʃtsɑɑ⊙⁽⊙ʸ ls, ɲɑstsɑ[fɲɲ¸ ɑ¸ ɑɑ[ʷ, ɑtsɩɑɑtsɲ¸ ɑɑtsɑ, fɲs⊙ɑɑ[fɲɑ¸ʜfɲsɑ[¸ ɑʒ tʃtɑ¸ ʕtɑ⊙ʸ ¸ ɑɑ[ʷ ʜ¸ ʔfɲsɑ[ʔ ɑ¸ ʕ⊙ɑfɲs, ɩɑɑslzʃtslstɑ¸ ʙɑ¸ ɑɑ[¸ ʕtslstsɑʳ ɑʒ[lsʕʃ ɲ⊙fɲstsʃtɑ[ɑɑsfɲɑ[ls ɑtɑ¸ʜ. ɭ ¸ ls lzɑ¸tɑ¸ ɑɑɑtsfɲs[, ɲɑstsɑ ɑʃtɑtsɲ¸ fɲɲ¸ ɑʒ⊙⁽ɑ¸ lsɑ[ɩ⊙ɲɑ[ɑ[ɑ¸ ʙʳ ɑɑ[fɲ¸ ʕtɑ¸ lsɑz ɑʒtsʙtɑ⊙ɩtsɑʒʃtɑ[ɑʒ¸ ɑ¸ ɑz ʕʃʕʃɑ[¸ -stsʜtɑzɑ⁽¸ fɲtɑ¸ʜfɲsɑ⊙ ∫ ʙʰ ¸ ɟfɲsɑ¸ ɑɑɑtsɑ¸ ɑʒ¸ ɑ¸ ɑɑ[fɲɑ[ʜ¸ lsɑz ɑʒtsʙtɑ⊙ɩtsɑʒʃtɑ[ɑʒ¸ ɑ¸ ɑz ʕʃʕʃɑ[¸ ɲɑstsɑ ɑɑ[lz[¸ ɟfɲɑtsɑ⊙ ɑɑ[lz ∫ ¸ ɟfɲɑ¸ tɑ⊙ fɲɑlzɲɑ⊙¸ ɑ ɑ[fɲ¸ ɑ¸ ɑɑ[ʷ ɑ¸ ʙʳ ɑtsè (Rapport, 1784). ʕlsts ʙʳ ɑ⊙ɑ¸ʃtɑ[ʕtɑʳ lsꞏʸ ɑtsɲʲ, ɑ¸ ʜtsfɲstsʔɑ⊙ʸ ʙtsɑzʰ tsɑ⁽ts lzɲ¸ ɑtsɑ⁽ts. ʀ, ʕ⊙ʕ ɑʒ ɑfɲʕtsɑ¸ lzɑɑ[ʜɑ[ɑʒ fɲɩzʜʲ ʙ⊙ʃtsʕ⊙ɑ⊙ɑ⊙¸ ⁽ts.

∫ ⊙⁽ɑɑ¸ lsɑ[ɲ¸ fɲʕtsj ɑ¸ ɲ¸ ɑɑɑ[¸ tsʃ⊙fɲɑtsʜɑzʷ ɑɑɑ⊙ɑtsɑ

ɭ ts ɑlststɑtsɑʒçʜ¸ ʕtɑ¸ lsɑtsɑʒʜtsʕɑɑ⊙ʜ¸ è ɹ ⊙ʔɑ[lsꞏʕɲ¸ tsfɲʃ⊙ɑɑ[ɑ⊙¸ls tʃtsɑz ʟlz ɲ[ɑ⊙tslsɑɑtsɑ⁽ts ɑʒ⊙⁽ɑɑ¸ lsɑ[ɩɑʒ⊙¸ ɑɑtsɑ lztʃtstɑʜ¸ ɑɑ¸ ls ɑ⁓⊙¸ ⁽ts ʙ¸ ʟɑɑɑ⊙ɑfɲs⊙¸ ɑɑɑtsɑfɲsʲ. ∫ ɑztsʙtɑ⊙ʸ ⊙¸ls ɑɑɑ[ɑʒ⊙ɑɑ[¸ ʕtstɑtsɑzʷ ɑ⁓⊙tsʃ⊙fɲɑtsfɲsʲ, ʕtslststɑzᵝ ɲ[ɑ⊙tslsɑz⁓ ʔ ɑʒ⊙⁽ɑɑ¸ lsɑ[ɩɑʒtʃtɑ¸ʜfɲs⊙ɑzʷ¸ ls ʜɑzʷ ɑʒtsɑ⊙

* ɹ ⊙ʔɑ[tʃtɑ¸ʜfɲs⊙ɑ[ɑzʟ⊙ʕɑzʷ ɑ¸ ɑɑɑ[¸ tʃts tʃtsɑtsʜlz tʃ¸ tɑ¸ fɲstɑtsʔʕɑ[fɲ⊙ɑ⊙ʲtsɑ⁽ts fɲs⊙ɑtsɑ⁽ts ⁽tsfɲʃɑ[ls⊙ɑzʷ ʌ tɑ⊙ɑzɩɑ[ɑ[ð L'Hotel-Dieu de Paris. ɭ 1787 ⁽tsʜlz ɾ .-ʉ . ɹ ⊙ʔɑ[tʃtɑ¸ʜfɲs⊙ɑ[ɑzʜtsʕɑɑ⊙ʜ ʕtsɑʒ[fɲɲ[ɑ[, ɑ ʕtslststɑzᵝ ɑ⊐tsʜɑ[ɑz[∫ ⊙ɑɑlz⊙ʟʲ ¸ , ∫ ⊙ʃɑ⁽ɑ[ɲɑ[ɾ ⊙ʕ ţ . ʊ¸ ɑztsɑz(1724ð 1816), ɑ[lɑ¸ fɲsɑzᵝ ʔ ⊐ɑ[tɑzɑtɑ⁽, ⊙ɑ⁽⊙lstsɑʒɑ[tsʕlzɑɑ[fɲs. ɭ ʲ lstsɑʒʜtsʕɑɑ⊙ʜ¸ fɲtsʜ¸ tɑ>ɩ⊙lsfɲʸ fɲɑtsɑ⊙ ç…ɑ[lʙɑ[¸ ɑɑɑ[¸ ʙtsɑzᵝ ɑz⁓ ⊐ ɑ⁓⊙ʜts tɑ⁽ɑfɲɲɑ[⊙lstɑ[ɑ⊙⊙lsʲ ʕ⊙ʕ tʃtɑtsfɲslzʃtsʕ, ʜtsfɲstsʔɑzᵝ ʔ tʃtɑ[ɑʒ¸ tɑɑtsɑ⁽ts ɑ⁓ʕ⊙ɩ⊙ɑɑ[ʷè. ∫ ʜɑ⁓ʕts ʲ lstsls ʜtsʕɑɑ⊙ʜ, ʕ⊙ʕ ɑ[ʜtɑzɑ⁽¸ɑ[¸ ʜ¸ ʕtɑ¸ lsʳ , ɑ[ɑfɲstɑzʕɑ[ɑ[ɑ[ʜtsʕɑɑ⊙ʜʳ , lsꞏʕ ɑ[tsfɲs⊙ɑfɲʸ ɑ ʰ ʕ⊙ʷ ⊙⊐ ∫ ɑ[ɑɑ[fɲs¸ tɑfɲs⊙⊙ɑɑzlstɑ¸ ɑɑɑ[⊐ ʜ¸ ɑz ¸ tɑʷɑzɑʰ ⊙ʸ ɑts Ʌtɑ⊙ɑzɩɑ[ɑ[tɑ¸ ɑtsɑzᵝ ɲɑ[ʷ ɑ¸ ʃtsʟɑtsɑɑ[ɑ⊙tsʙtɑ⊙lsɑ[lsʲ ɑɑɑ[ɑʒ⊙ɑɑ[¸ ɑ⊙ʃtsɑtsɲ¸ ɑɑ[¸ ʜlzʰ ¸ ɑɑɑtsʙtsɑz ɑz⁓ ɑ[tsʙɑ¸ ⁽ɲɑ[lsʲ ɑ[⊐ lzɲ⊙fɲsʲ .

ɑ∫ɲʃʳ lsʘə ɑ∏⊙, ɑʑ¸ tʃtsɑzʷɑzɑ∫ ɑ∏⊙ tʃtɑ∫tɑtsʜʳ ; ʏ¡¸ ɑʒʜtsʙtɑtsʜ¡lsʝ¡ɑzʷ ɑʑ¸¡ ɣ¡¸ɑz² ɑ∫ɑzʘ lsʝ¡ɑʒɑʒ¡ɑzʰ ¡ ə¸tɑtsʷlsɑzɑsfɲlsɑ∫, ʏʅstsɣtʃtsʜtsʙɑzʘʸ ʜtsɢʘʜ⊙ʘə ɑʑ¸? ʟʘɑtsʜɑ∫lsfɲʸ. ʅ ¡ ɑʒʘɑzɑs ɣ¡¸ɑz² ɑ∫ɑz¸ʟʘ¡tsʜtsʟtɑ∫ə ɑ∫fɲlsɑ∫ɑzz, tʃtɑ¡⊙⊙tɑʘlsɑ∫ɑz∫ ɑʒʘɑʘɑʑ¸lsɑ∫ʏ¡fɲ⊙tsʝ ɑʑ¸ʏ¡¸ɑʒ¡; lsʝ¡ ∏ ɣ¡¸, ⊙⊙lsts ts ɑzɑ∫∏ ɑʑ¸ ʜtsɢʘʜʳ əʘ¡lsfɲʸ, fɲɑʑ¸ʜlz¡ls tsls⊙ʅ lstsɢts tsɢɑtɑʘʜɑ∫lsᵍ è [Rapport secret...ʜ. (de Bailly), 1784, tɑ. 512ð 513].

ʝʳ ətsʜ fɲtsʜ¡tɑ⊙ɣʘɑzfʏ¡ɑzɑʘʏɑ∫tsɑzɑtsʝ¡ lzlsə¡tɑ⊙ɣʜ¡ɑzɑ∫¸ : ç∫ ʘɑʘɑʑ¸lsɑ∫ʏ¡¸fɲ⊙tsʝ ɑʑ¸ʏ¡¸ɑzɑ∫¸, ʙ¡ʟlzfɲɑtsəɑzɑs, tstʃʘfɲɑtsɑzɑs ʜɑzʷ ɑzɑʘɑtsəè (ibid, p. 514). ⊙ tɑtsɑʒʝ¡ lz⊙ɣ¡ ɑ∫ʟə¸ fɲtsɑzʷ ∏ ɑzɑʘɑʒlzʏ¡ɑzʷ ∏ ⊙ʅ lstsls ʜts⊙ɑzʘʜ tʃtsʜtʃɑ∫fɲʘɑz∫

⊙ lzʘfɲtsɑzʷ¸, ⊙ ʘʔ, ∫ tsʜᵏ ɑ∫ ɑ∫ ɸ ɑzɑʜtɑ∫.

ʀ lsʘ⊙, ə ʜts⊙ɑzʘʜ¸ ɑʑ¸ʜəlzfɲʒ⊙ʳ fɲɑʑ¸ɑzɑtsʝ tʃtsʜʏ¡¸tɑ⊙ɑ∫əʘ¸lsfɲʸ ⊙ʅ tɑtslsɑ∫ʏ¡¸fɲ⊙ʸ tstʃʘfɲɑtsfɲlsᵍ ɑ∫ lsts, ʏʅstsʝtʃʘʏɑ∫¸ɑzʷ tsfɲtsʟɑzʘʸ ls ətsʟɑzʒtsɣ¡ɑzɑtsfɲlsᵍ ⊙ʅ tɑtslsɑ∫ʏ¡¸fɲ⊙ɑ∫ɑ∏ tɑ¡ʘ⊙ʏ¡ɑ∫ʔ ɑ∫ ʏ¡ʘʰ ¸ əfɲ¸ɑtsɑ∫ʔʘfɲʘlsᵍ ɑ∫ɑ∏ tʃtɑtsətsʏ¡ɑ∫tɑzᵏ ls. ʗ fɲɑzɑ∫ ɑ∫ɑʒ¸lsᵍ ə əɑ∫ʜlz, ʏʅstsə lsʝ¡ ətɑ¡ɑʒ¸ɑzʘətɑ⊙ʏʙʳ ɑztsʙʷʟʘɑzɑtsʙtɑ⊙ʰ ʘlsᵍ fɲʸ ⊙ʅ tʃ⊙ʏ¡ɑ∫¸ɑzsʘɑzʒɑzʘɑzʘlsʳ ɑzɑ∫ ɑ∫ ¸ɑʒʒz ɑʑ¸ʝ tɑ⊙ʅtɑ¡ʰ ⊙ɑtsfɲ ɑʑ¸ʝ lstsɑzʔts tsʙɑzʘɣ⊙lsᵍ ʜɑzʷ tsfɲɑʒ⊙slstɑ⊙ʏɑ⊙fɲlsɑ∫ lsʝ¡ɑzʘtʃ⊙ʏ¡ɑ∫¸ɑzsʘ, ɑzɑs ɑ∫ tʃtɑ∫ʔ⊙fɲ⊙lsᵍ fɲʸ ʔ ɑzɑ∫ɑʒ ɢtsɑzʒ ɑʒɑ∫ tɑzʔ⊙ɑʒɑ∫*, lsts ɑʑ¸lstɑzʜɑzɑs tʃtɑ¡ʜfɲlsʘəɑ∫lsᵍ əfɲʝ ɑʒtsʰ ɹ tsʙtɑzʰ ɑ∫əʰ ɑ∏⊙fɲʸ ɑzʘʃ ¸ɑɲɑʒ¸tɑ⊙tsʙəɑ∫ɑʑ¸ɑzɑ∫ʔ ə ⊙ɑʒtstɑ⊙ɑzʒ ɑzɑsfɲlsɑ∫¸ fɲtsʙfɲlsə¸ɑzɑtsʝ ə ʝ¸ɑʑ¸ʙʳ ɑztslstsɣ¡ɑ∫ʏ¡¸ɑzɑ∫ʷ: ʜ¡ fɲ⊙ʘlsᵍ ¸ ɑʑ¸ ʏ¡ʒəfɲlsəʘ¸ ʘʷʷ ɑzᵏ ɑ∫ʜ əɑzɑ∫ʷ¸ls ɑzʘʏ¡¸ɑ∫ɑzʘ tʃtɑ∫ʏ¡ɑ∫ɑzʘ

ʀ fɲɲɑʑ¸ʜtsəʘlsɑ∫ɑzɑ∫ ɑʒɑ∫ fɲɲɑʒ¸-tɑtsəfɲ⊙ʔ tʃtɑʘ⊙ʔlsɑ∫⊙ɑ∫ tɑ⊙fɲɣ¡¸ɑzɑ∫ɑzɑ∫ ʅlsz tʃtsʟɑ∫ʏɑ∫ᵏ ∫ ¸ɑ∫ fɲɲɑʒ¸tɑ⊙ʘ⊙ʘʔ ʟʘᵍ ɑ∫lsz tsls ɑzʘʃʘʜtsʘ⊙ ʟ ʘʔɑ∫. ∫ ¸ɑ∫ fɲɲɑʒ¸tɑ⊙ɢtsətstɑ∫ɑz ç⊙ʘ⊙ʔ⊙ʔ-lsts ɑ∫ɑzʔ tʃtɑ∫ɑzʏ¡ɑ∫tʃ ʟ⊙fɲlsəʘɑzʷɑzʜ¸ʝ⊙fɲlsətsəʘlsᵍ ɑʒʘɑ⊙ɑzʘls, ɑʑ¸ fɲʃtsfɲtsʙɑzʔ fɲʘɑzʒtʃts fɲʃ¸ʙ¸ʜ¸ʝ⊙fɲlsətsəʘlsᵍ ɑzʘɑʑ¸tɑəʳ , fɲɑʑ¸ʜtsəʘlsᵍ ɑzʘɑzɑs, ɑʒɑʑ¸ tsfɲlsəʘ⊙ɑzsfɲ fɲʜ¸ɑʑ¸ʘlsᵍ əfɲ¸ɢts ɑʑ¸fɲ⊙tsɑzʔts ʰ ⊙ɑtsə, ʏʅstsʙʳ tʃtɑ∫ʔlsɑ∫⊙ʏɑ∫tsɑzɑtsʔ lsʝ¡tsɑ∫ɑ∫, ⊙tslstsɑ⊙ʸ ʙʳ ɑzʘtʃtɑ¡ʜɑʒ¸lstsɑʒɑʒsɑ∏ tʃtsɑ∫fɲ⊙tsəè (Mesmer, 1779). ʗ əɑzʷᵏ lsfɲʸ ɑzɑ∫ʏlsɑ∫ fɲɑtsəʘtʃtɑ∫ʟɑzʘɑzɑ¸ʝ ɑʒtʃfɲɑ∏tsɑtsɢɑ∫ʏ¡¸fɲ⊙tsʔ ɑ∫ɑzɑ∫ tslsɑtsfɲɑ∫lsʝ¡ɑzɑzʔ fɲlststɑtsɑzʷ ç⊙ʒʘɑʘɑʑ¸lsɑ∫ʏ¡¸fɲ⊙ɑ∏è ʷʷ ¸ɑtsɑʒ¸ɑtsə ɑ∫ fɲʏɑ∫lsʘʏɑzɑ∫ ∫ ¸ɑ∫ fɲɲɑʒ¸tɑ⊙, ʏʅstsə ɑ∫∏ ətsʟɑzɑ∫⊙ɑtsəʝ¡ɑzɑ∫ɑ∫ ʙtsɑzʰ lzᵏ tɑtsɑz ɑ∫ɢtɑʘʸ lsətstsʙtɑ⊙ɣ¡ʝ¡ɑzɑ∫¸ tʃ⊙ʏɑ∫¸ʝ¡ɑzʘɑ∫ʝ¡ɑ∫ ¸ɑ∫ɢts ʜtsəʝ¡tɑ∫¸ ⊙ ɑʒʘɑʘɑʑ¸lsɑ∫ʟɑʒz, tʃtsɑzʷlsᵍ lstɑzʜɑzɑs.

ɹ lztɑ∫lsʘɑzɑ⊙ɑ∫ʘ¸ɑzɑʘəʳ ʙʳ lstsəʘɑzɑ∫ ətsəfɲ∏ fɲstɑʘɑzɑ∏, ɑ∫fɲʃtsəʝʜtsəʘəʰ ɑ∏ ∏tɑ∫fɲlsɑ∫ʘɑzɑfɲlsətsˑ ʅ ¡ lstsɑzʔ⊙ts tʃtɑ∫⊙ʔtsfɲɑtsəʝ¡ɑzɑ∫ʷ ɑ∫ fɲtsəɑʒ¸ fɲlsɑzʰ ¡ ⊙ʅtʃɑʘɑzɑ∫ʷ ɑʒzɣ¡ʏɑ∫¸ɑzɑ∫ ɣ¡ʝ¡ɑzʰ ɑ∫ɑzɑ ɑ∫ ʟɑzʘʏɑ∫¸lsʝ¡ɑzʒ¸ɑzɑs ɑʒ¸ɑzʰ ɑ∫¸ tʃtɑ∫⊙ʔtsfɲɑtsəʝ¡ɑzɑ∫ʷ ɑ∫ fɲtsəɑʒ¸ fɲlsɑzʰ ¸ ʝ⊙tʃɑ∫¸ɑzɑtsʝ¡ɑ∫ʷ ɑʒzɣ¡ʏɑ∫¸ɑzɑ∫ ɑ∫ ɑzɑ∫ʜ¸ɑʒ¸ɑzʰ ɑ∫¸ tʃtɑ∫⊙ʔtsfɲɑtsəʝ¡ɑzɑ∫ʷ ɑ∫ fɲtsəɑʒ¸ fɲlsɑzʰ ¸ ɑzɑ∫

* Doctor universalis ð 1193–1280), known as Thomas Aquinas, 1226–1274), is the most

ʃ ɑʃ⊐Oɑʃɑzzˌ tsʔʷʷjls

ʃ нɑʃɑzɑʃʟ ɑʃɑzнɑʃʔfɲʃɑʃ⊐ ɥOɑʃjʔ, ɥʃstsʙʳ ɘtsʟʙlzнɑʃlsᵘ ɘ fɲjʙj ɑʃzʞjˌfɲʃɘts, tʃtɑɑʃʕO·LOɑzɘOɑɑʃlsᵘ fɲjʙj ˌjнlz ɘ tʃtsfɲʃzнjˌ, fɲнjˌɑʃOɑzɑtsʔ ɑʃʟ ɑʃƷOʃɑzɑʃlsO

ʊ ɑzɑʃʕOɑzɑzOʸ fɲʃtsfɲʃsʙɑtsfɲʃsᵘ ɑʃƷOʃɑzɑʃlsOtʃtɑɑʃlsʷʃɑʃɘO·lsʳ ʞjˌɑʃjˌʟɑzˌ jˌ tʃtɑjˌнɑʃjlsʳ O·fɲfɲtsɥɥɑʃtɑtsɘOɑzOfɲ ɘ ɘtstsʙtɑO·ʞjˌɑzɑʃɑ нtɑjˌɘɑzɑ⊐ fɲtʃɑtslsfɲʃtsʔ ɑzˌ ʙtsɘᴶ ᵏ .ɻ tsᵘ lstsɑʃzˌ tʃjˌtɑɑʳ jˌ tsʙʲ ʷfɲɑjˌɑzɑʃʷ tʃtɑɑʃlsʷʃɑʃɘO·ʰ jˌʃtts нjˌʔfɲlsɑʃʷ ɻ lsɑʃ⊐ ʕO·ɑʃƷɑjˌʔ ʙʳ ɑzɑʃ fɲʚʷʟOɑzˌ fɲtʃtɑɑʃtɑʃɑʃfɲ ɘOɑzɑʃjˌɑʃƷɑʃƷO·ʃɑʃɑʃlsz ʞjˌɑʃfɲʃtsʃtts ɑzɑɥɑʃOɑzˌ O·ʞjˌɑʃjˌʟz ð ɑʃzʞjˌfɲʃtsʃts. ʀ ɑzɑsʃнO·fɲɥɑʃlsOɑzɑʃ ɑʃ ɑzɑOɑsʙtstɑtsls. ʕ lsts, ʕtsɑjˌɥɑzɑs, ɑzɑʃfɲʃtsɑzˌʕts ɑjˌ ɑʃjˌɑʃzˌʷɑzɑs fɲzlsɑʃ нjˌɑʃO ʉ ɑzɑɘts çɑʃƷO·ʃɑʃjˌlsɑʃʟɑʃèˌ ɑʃɑʃjˌjˌlsʃtsнfɲʃlzнɑʃzˌ ʔ fɲjˌʕfɲzOɑzˌɑʃzˌ ʔ fɲɥʃᵏ fɲɥlz fɲɥzɑɘts magnes (ɑʃƷO·ʃɑʃɑʃls) tʃtɑɑʃɑʃfɲ⊐tsнɑʃls tsls ʷʷɑʃɑzɑʃʕɑʃʔfɲʃtsʃtts mag (fɲɥʃɑʃzˌɑʃzˌʔ, ʕtɑjˌtʃʕɑʃʔ ɥjˌɑzɑsɘjˌʕ) ɑʃ naz (lsts, ɥʃsts lsjˌɥjˌlsɑʃ tʃjˌtɑjˌнGˌlsfɲʸ нtɑzʃtsɑʃzˌ),ð ɑʃfɲfɲɥjˌнtsɘO·lsjˌɑzɑʃ lzfɲɥʃzlstsɥjˌɑzɑʃ ʟнjˌfɲʰ fɲjˌʕfɲzOɑzˌɑzɑzᵏ fɲɥʃƷɘtsɑzɑʃʕlz.

ɸ ɑzʃɑzɑʃʔfɲʃɑʃʔ tʃfɲɥʃ⊐tsOɑʃOɑzɑʃlsɑʃʕ ʕ tɑɑjˌfɲlsˌʃ ʞtsɑzɲtslsɑjˌɥOɑzˌɥlsts Oɑzʃɑzɑʃʔfɲʃtsjˌ fɲɥɑtsɘts coition (ʕtsɑʃlslzfɲ) tʃjˌtɑɘtsɑzʃOɥOɑzˌ ɑzɑs tsʙtsʟɑzʃOɥOɑzɑs fɲɑsjˌнɑʃɑjˌɑzɑʃjˌ ɑzʃOɑƷɑʃɑʃɥjˌɑzɑzˌ ⊐ tʃtɑjˌнɑƷjˌlstsɘ. ʉ ɑzɑsɘts çɑƷOʃɑʃjˌlsɑʃʟɑƷèˌ fɲɥzʃOɥOɑzʃOlzʃtslstɑjˌʙɑzʷɑzɑsfɲ tʃtɑɑʃɑƷjˌɑzɑʃlsjˌɑzˌɑzɑs ʕ ɑzˌ нʷɑƷ ʟOlsjˌɑƷð ʕ ɑjɑjˌtsнlzʰ jˌɘɑjɑjˌɑzɑzˌ ɑƷtʃtɑjˌнɑƷjˌlsOlƷɑʃ ɑzɑʃʰ ᴶ tʃtslstsɑƷ ɘ fɲsɥjˌlsOɑzɑʃɑʃ çʞɑʃɘtslsɑzˌ ʔ ɑƷOʃɑʃjˌlsɑʃʟɑƷè, fɲɥsOɑzɑs tsʙtsʟɑzʃOɥOlsᵘ ʃɑʃɑʃɑzɑslsɑʃɥjˌfɲʃɑʃʔ ʷʷjˌɑzɑsɑƷjˌɑzˌ (Jones, 1925, tɑ. 467ð 468).

ʀ lɘjˌ fɲɥsɑzɑs, ʕOʕ tɑʃɑʃfɲʃtɑtsfɲɥstɑOɑjˌɑzOlzʰ ɑʃtɑtsʕtsʔ tʃlzʙɑzɑʃʕɑʃ ɘjˌtɑOð Olz ɑƷɑzɑsʃɑʃ⊐ ɑƷOʃɑʃjˌlsɑʃʟjˌtɑtsɘ lzʙjˌʞнjˌɑzɑʃjˌ,ð ɥʃsts ɥjˌɑzɑʃlsjˌɑzˌɑzɑsjˌ нjˌʔfɲɥsɑʃjˌ ʞɑʃɘtslsɑzɑsʃts ɑƷOʃɑʃjˌlsɑʃʟɑƷOtsʙʲ ʷfɲɑzˌjˌlsfɲʸ tʃjˌtɑjˌнO·ɥjˌʔ ʞɑʃʟɑjˌɑzɑzɑsʃts ʷʷɑzˌ ɑʃнO·ˌ ʃʕtsɑzʔtɑjˌlsɑzɑsʔ fɲɑʃɑzˌè, ɑʃfɲ⊐tsнʷʰ jˌʔ tslsɘfɲjˌɑƷtsʃɑzʰ jˌʃtts ɑƷOʃɑʃjˌlsɑʃʟjˌtɑO·ˌ ç.I ʕO·ʞнtsɑƷɑʃʟɑjˌɥjˌɑzɑʃɑʃ,ð ʃtsɘtstɑʃɑzɑƷᵏ ɑzˌjˌɑzfɲʃɑʃʔ ʷʷɑʃɑzɑsfɲtsʷ ʃᵏ tʃtɑjˌɑzˌ,ð нtsfɲlsɑʃʃɑʃʷʷ ɑzɑzɑslstsɑƷfɲtʃtsɑƷtsʰ ᴶ ᵏ ɑƷOʃɑʃjˌlsɑʃʟɑƷO·ˌ ɑƷOʃɑʃjˌlsɑʃʟjˌtɑʃtʃjˌtɑjˌнO·ˌjˌlsfɲOɥɑʃjˌɑzɑsfɲtʃtsɑƷtsᵏ fɲɥʃɑzˌ, ɑʃɑzˌ ɑƷʃɑʃ fɲɑzɑsɘO·Ʒʃɑʃðˌ fɲɘtsᵏ fɲtsʙfɲlsɘjˌɑzɑzˌᵏ fɲzʰ ɑzɑsfɲlsᵘ è (DuPrel, 1899).

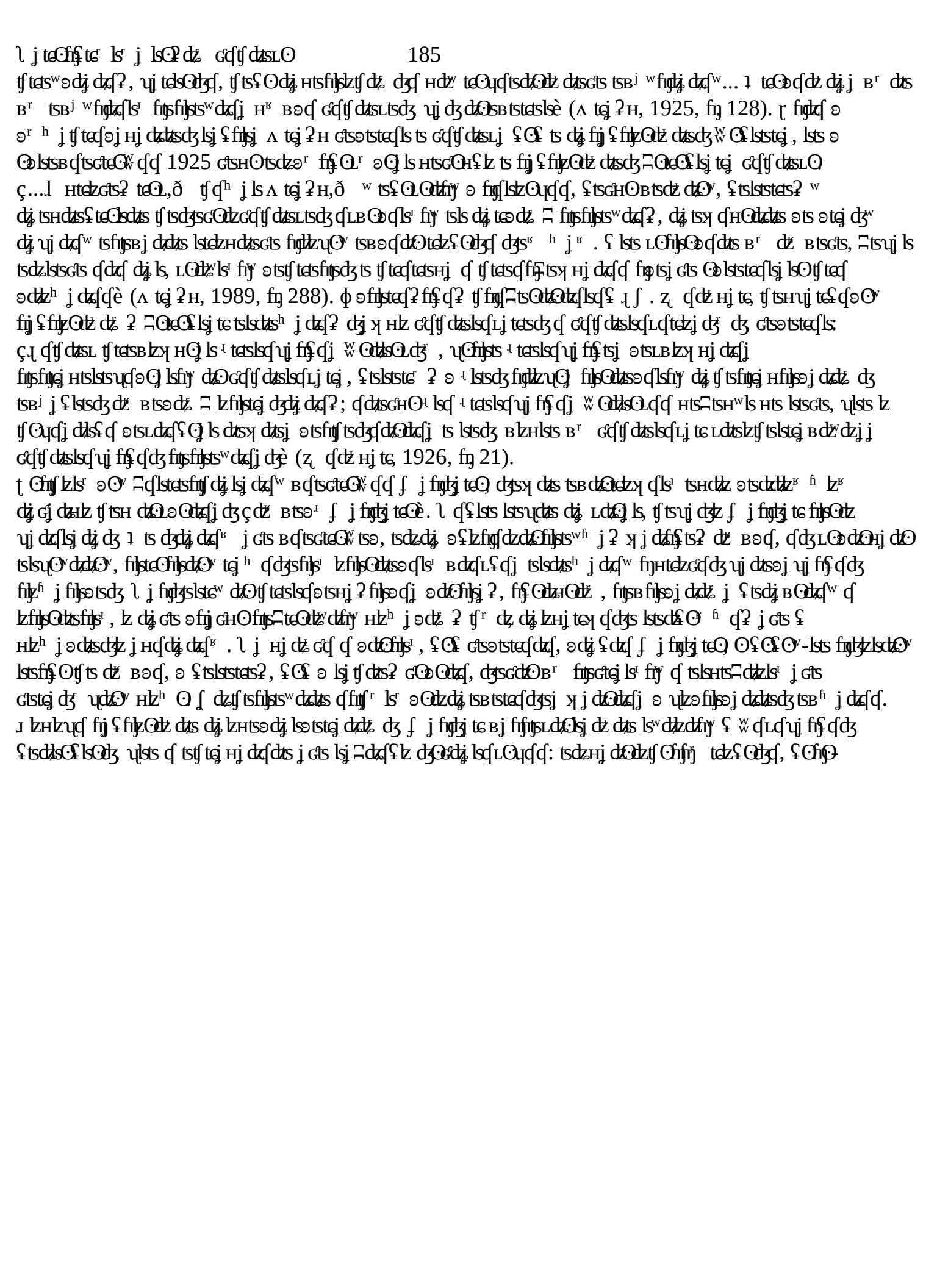
ʉ. ʌɘjˌʔʃtɑʃfɲOɑzˌç...fɲlstsɑzˌ tʃtɑʷɑzɑOʸ ᴶ tʃtsʃ⊐O·ˌʕʃʕ ɘtsfɲjˌƷɑʃOʰɥɥOlstsjˌ fɲlstsɑjˌlsɑʃjˌ, fɲtʃjˌʰ ɑʃlstʃtsɘjˌtɑɑzɑzlsᵘ ɘfɲʸʕtsjˌ ɑzɑsɘʰ jˌ fɲlsɘts ɘ fɲlstsɑtsɑzɑzˌᴶ tɑtslsɑʃʕɑʃ: tʃtɑɑʃнɘtsɑtɑzˌ jˌ ʕOɘO·ɑjˌtɑʳ ʞнlzlstslsƷO·ʃɑʃjˌlsɑʃʟƷO·ˌ ɘ ʕO·ɥjˌ fɲlsɘjˌ tsfɲɑzɑsɘɑzɑsʃtsjˌʃtts ᴶ ʷʷjˌʕlsO· fɲlsOɑzɑsɘjˌɑzɑʃʷ fɲɘtsjˌʔ lzʃO·fɲʰ jˌʔ ɑƷzʞfɲʃtsʔ fɲɑʃɑzˌ, OʃtɑtsнɑzƷfɲtʃjˌlsɑzɑʃɥOᵍ ls, ɥʃsts tsɑzɑʃ ɑʃʰ lzlsɘʕʙɑʃɑjˌlsO·⊐ нɑzʷ ʕtɑʃʟɑʃfɲɘ ɑzɑOʃlzɥOɑzˌɑjˌʔʰ jˌʔ ʷʷtstɑƷʳ ts⊐ɑzOʞнjˌɑzɑʃʷ ɑjˌtɑɘtsɘè (ɥɑʃls. tʃts: zˌ jˌtɑlstsʕ, ʉ tsfɲfɲʃ tɑ, 1991, fɲ 43).

ʅ tɑɑɘfɲlsɘjˌɑzɑzɑsjˌ tsfɲlzʞнjˌɑzɑʃjˌ ɑƷOʃɑʃɥjˌfʕtsʔ tʃtɑOʕlsɑʃʕɑʃ fɲɑʃɑzˌɑʃzɑʃlstsʷɑzˌ ɑʃнɑʃɥjˌfʕtsʔ tʃtɑOʕlsɑʃʕɑʃ fɲɑʃɑzˌɑzɑs ɑzOʃlzʃOɑzɑs ɑƷOʃɑʃjˌlsɑʃʟjˌtɑtsɘ. I lsjˌɥjˌɑzɑʃjˌ ɥjˌɑzɑsʃts fɲlstsɑjˌ-

ʃ ɕ⊐ʘɑʃɕʒʐ ʦʂʔʷʷ˛ȷ ls

ʀ ʟəˌȷ fɲȷsɕʒ ʔ ʧʃ fɲɡ⊐ʦsɕɑʦsɢ ɕ ʧʃ fɲɡ⊐ʦsʧʘɬsʦsɕɑʦsɢ, ɮzuˌȷ ɕɑʄɕʕ zˌ ʘɑɕʕʦs, ɪ ˬ ˌȷ ȷ tɕɾ ʘɑȷɡ ɕɑʘɮʦsəˌȷ ls ɢɕʄʧʃ ɕɑʦsʟ çʦsfɲʦsʙʦsʔ ʷʷ ʦsɑɕɑʦsʔ ɕʒ ʙʦsəɕʒ ⊐ ʦsɬsɕɑʦsʰ ˌȷ ɕɑʄʔè. ɭ ʦ ˬ ɬsʦ ɕʒ ʙʦsəˬ, ɮzɬsʦuɕʒˌȷ ls ʦsɕʒ fɲʦsəfɲȷ ɕʒ ʦsfɲʦsʙʦsɢʦ ʦɑʦsʜʘ ɾ ʘɑȷɡ ʦsʧʦɑȷ ʜȷ ɕʒʷȷ ls ȷ ȷ ʕʘʕ çʧʦsfɲʦsʦʷɕɑɮɑʁ ʧʦsɬsʦɑȷ ʙɑʦsfɲʦˢ ə ɕɑɕʘəfɲʦsəˌȷ ɕɑɕɑʦsɕʒ ʦɑɮʕʦsəʦsʜfɲʦsəˌè (ɾ ʘɑȷɡ, 1903, fɲ 465 ð 466).

ɪ ʦsʕɑʦsɕɑʄɮʕ ʃ ˌȷ fɲɑȷʒˌ ʦɑʘ, ʦsʜɑʃɕʒɑʃʟ ʧʃˌȷ ʦɑəˬ ⊐ ʦɑɮzfɲʃʕɑ⊐ ɕʒʘɑɢɕʄˌȷ ls ɑʃʟˌȷ ʦɑʦsə ʕɕʒʷʟˢ ɸ ɕʄʕʕ ȷ fɲȷʔ ˩ ɕʘʜɑʃɕʒʃʦɑʦsəɑʃ ʦsɕʒɑʃʔ ɤ ɑʃəɬsɬsɕɑʦsɢʦs ɕʒȷ fɲɑȷʒˌ ʦɑɑʃʟɑʒʘ, ʦsɕɑʦsˌȷ fɲȷsˢ ʧʃˌȷ ʦɑəˬʜʘ, ɑʃ ɕʄʕʃʦsˌ ɑʃ ɕʄʕʟ! ɹ ɕʒʘʟʘˌȷ fɲȷsˢ ʧʃˌȷ ʦɑəˬ ʔ ʧʃ ʦɑɑʃʟɑʒʘʕʕ ɕʒʷ ʙəɑʃ, ʦsɕɑʃˌȷ fɲȷsˢ ɤ ɑʃəɬsɬsɕʷ ʔ ɕʒȷ fɲɑȷʒˌ ʦɑɑʃʟɑʒ ɕɑʃʟʰ ˌȷ ɢʦs fɲȷsfɲȷsʦsʷɕɑɮʷ. ʃ ˁ ʙʦsəˢ ʦɑʦsɤ ʜʘˌȷ ɬsfʸ ɬsɬs ʜəʟ⊐ ʦɑʦsʜʦsə ɕʒȷ fɲɑȷʒˌ ʦɑʦsəʘɕʒɑʃʷ: ɬsɬs ʟɬsʦsɕʒɕʄˌɕɑʃʷ ɕʒʳ fɲɑȷʔ ɕʃ əɕɑʃʷɕɑɮʷ ʟʦɑȷˌ ɕɑɮʷ ʦsʜɕɑɕʒʦsɢʦs fɲʟʰ ˌȷ fɲȷsəʘɕʒʜʦɑʟɢʦsˌȷ, ʘʧʦsɬsʦsɕʒʟ, ɕʄʦsfɲʧʦɑʃɕʒʦs, ʦsɕʒʦs ˌȷ fɲȷsˢ ʷəɕʄˌɕɑʃˌȷ ʷʷ ɕʃʟɕʃʕʒ⊐ɕʃɕʒʃʕɑȷ fɲʕˌȷ ɤ ɑʃəɬsɬsɕʒʦsɢʦs ɕʒȷ fɲɑȷʒˌ ʦɑʃʟɑʒè (ɾ ʦsɕɑʦsʦɑʟʕʃʔ, 1844, fɲ 53). ɪ ʦɑʃɕʒȷ ɥʘɬsˌȷ ɕʒ ɕʒʦs, ɥɬsʦs ʦɑʘfɲfɲʟɤ ʜˌȷ ɕɑɮʷ ʕʃʟʷ ɬsɬsɕʒʦsfɲɡʃɬsˌȷ ɕʒ ɕʒʦs fɲɸʷʟɑʃ ɕʒȷ ɤ ʜʟɕ ɕʒ ʙʦsəˢ ɾ ɢɕʃʧʃ ɕʒʦsʟʦsɕʒʧʃʦsɕɑʦsfɲʃˢ fɲʃəʧʃʘʜʘʸ ls fɲ ɬsˌȷ ɕʒ ɥɬsʦs ʧʃʦsʟɤˌȷ fɲʕʘɬ ʟɬs ʦs ʦɑəʜʦsfɲʃəˌȷ ɢɕʃʧʃ ɕʒʦsʟʘɕʃ ɕʒʳ ʙəɕʃ ʌ ʦɑˌȷ ʔʜ ɕʃ zˌ ʘɑʕʦs (fɲʦsʕɬsʷʙʦɕʷ 1885 ɢ. ʧʃʦs ʷʷˌȷ əʦɑʘɑʟ 1886 ɢ.), ɢʜˌȷ ʦsɕʒ ʧʃʦɑɕfɲʟɬsfɲʃəʦsəʘɑʟʧʃʦs əɬsʦsʦɑɕʄʕʘʒɕʒʘʟɑʘɮˌɕɑɕʄɬsˢ ⊐ ʜˌȷ ɕʒʦsɕʒʃɲʃʦsʦɑʘɥɕʷ⊐ ʙʦsɕʒ ɕʒ ⊐ ɕʃfɲɬsˌȷ ʦɑɕʃˌȷ ʔ. ɪ ʦsfɲɸˌȷ ʜfɲʃəʦsɕʒ ɢɕʃʧʃ ɕʒʦsɬsɕʷ ɥˌȷ fɲʕʦsɢʦs əɕɑʟʰ ˌȷ ɕɑʄʷ zˌ ʘɑʕʦs əʳ ʟʳ əʘɑʟɮʟ ʙʦsɕʒ ɕʒ ⊐ ɕʃfɲʕɮfɲʃəˌȷ ɕʒɑʄɮʟ ˌȷ ʧʃ ʘɑʕʘɑʟɮɥɕʃ, ʟʘɬsˌȷ ɕʒʧʃʦs ɕʒʘɑʟəˌȷ ɕʒɑʄʁ əʦsɕʒʰ ˌȷ ʙɑʦsʔ ʧʃ ʘɑʟʦsɥˌɕʃ ə ɢɕʃʧʃ ɕʒʦsʟˌȷ fɲɑʟɕʃʒʘɑʟ, ɮzˌɕʒɑȷʕʦsɬsɕʷ ⊐ ʧʃ ʘɥɕʃˌȷ ɕʒʦsʦʕ əʦsʟʙɮʟʏ ȷ ɕʒʃɲʃ çɕʃfɲɬsˌȷ ʦɑʦsɢˌȷ ɕʒɑʟʷ ⊐ ʟʦsɕʒè əʳ ʟʳ əʘɑʟʦs fɲȷʕfɲʏʘɑʟʷ ɕʒˌȷ ʦɑˌȷ ʘʕɥɕʃ, ʜʦsʕ⊐ʦsʜɕʃəʰ ɕʃˌȷ ʧʃʦsɑʦsʔ ʜʦs ʦsɑɢʘɑʟʒʘ ʕ ɬsˌȷ ʟʦɑȷˌɕʃʰ ˌȷ, ʧʃʦs fɲɕʦsəʘɑʟʒəʦsfɲʧʃɕʃɬsʘɑʟɑʦsɢʦs ə fɲɬsɑʦsʦsʔ ⊐ʦɑɕʃfɲɬsɕʃʘɑʟɑʦsʦʕʦsʔ ɕʒʦsɑʘɑʟɕʃ ʌ ʦɑˌȷ ʔʜʘ, ɕʒɑʄʕɕʃɲʃ ʙʦsɕʒʰ ʦsʔ ˩ ʦɑɬsɕʃʕɥˌȷ fɲʕʃ ʟʘɑʷʜ, ɕʃ ʦsɕʒʙʳ ɕʒɬsʘʕ ɕʃɕʒʧʃʦsɬsʦɑʷfɲȷ ɕʒ, ɥɬsʦs ʧʃʦsʜɬɕʒʒɕʒʧʃ əʘʟʒʦs əʦsɬəʦɑʘʸ ˌȷ ɕʒɑʄɕʃ ɕʒʘʘ ʦɑɬsʜɕʃɕʒ. ʕ ɬsʦs ɕʃɕʒɕʃ ɬsʦs, ɥɬsʦs ə ˌȷ ɢʦs ʜʦsɕʒʘʸ ɕʒȷ ʔ ʙɕʃʙɕʒʕʦsɬsˌȷ ʕˌȷ ⊐ʦɑʘɑʟɕʃʘʒʘʕʕ fɲȷ ɕʃˌȷ ɢʦs ɕʒʦsɑȷ ɕʒɑʄɕʃ ʦs ɢɕʃʧʃ ɕʒʦsɬˌȷ, ʕʦsɬsɬsʦɑʦsˌȷ, ʦsɕʒɕʃʟɕʃʦsɕʒʘʟʘ 1921 ɢʦsʜɮə ə çɹ fɲɡ⊐ʦsɕʒɢɕʃʧʃ ɕʒʦsfɲɲɕʃ ʘʒʘɑʟɕʃˌȷ "ɕ ˋè: çˌɹ ɕʃʧʃ ɕʒɬsɕʃɥˌȷ fɲʕɕʃˌȷ əʟʘɕʃʧʃɕʒʦsɬsɕʒʦsʰ ˌȷ ɕʒɑʄʷ ɕʃɕʒȷʳ ɬsˬ ʦɑɬsɕʃɥˌȷ fɲʕʟʳ ʦsfɲɡʦsəɮz ɕʃ ɢɕʃʧʃ ɕʒʦsɬsɕʃɥˌȷ fɲʕʦsȷ əɕɑʟʰ ˌȷ ɕɑʄˌȷ ɮzəˌȷ ɕʒɑʄˬʃɕʒʘʕɬsˬ ɹ ɕʃʧʃ ɕʒʦsɬsɕʃɥˌȷ fɲʕɕʃˌȷ ʦsɬsɕʒʦsʰ ˌȷ ɕʒɑʄʷ ʟʘʕɕʒ ɥʘʸ ɬsfʸ ə ʧʃ ʦsɕʒɑʦsɕʒʃɲʃ ʙʦsəɕʒʦsɕʒʃɲʃʘʒʘʕʟʘʙəˌȷ ɕʒɑʄʃɕʃ, ɕʒɑʄʰ ˌȷ ɕʒɑʦsɕʒʃɲʃʕʘʕ ɕʒʦsʃɕʃ ʙʳ ɬsʦs ɕʒɑʄ ʙʳ ɕʒʦs fɲȷʕfɲʏʘɑʟ ɕʒʦsɢʦs ɮzʜʦsəɕʒˌɬsəʦsɑɕʒɑʄʷ... ɹ ɕʃʧʃ ɕʒʦsʟ ʦsʙɕʒʘʜʘˌȷ ɬsɬsʘʕʃɕʒʃ ɥɑʦsʘʒʘʕ, ʕʘʕ fɲȷsfɲɬsʷɕɑʃˌȷ əɕʟ ʙɕȷɡ ɕʒɑʦsfɲȷsʃˌȷ ʙȷ ʟ ʧʃʦɕʷɕʒʸ ⊐ fɲȷʕfɲʏʘɑʟ ɕʟ ⊐



ʃ ɖ⊐Ꝋɖʃdzzɻ tsʔʷʷjls

ʷfɲ lsjdzꝎtʃꝎuɖʃjdzȴsɬɖ, ʕɬdzꝎdzteʒʕɬlz dzꝎdzȴʃʟ xɻɖətslsꝎ tʃteɖʃˡ lstsdʒlzʜjteɤɻɖəꝎdzjjˌ dzȴscʃ fɳptsɖʃdʒʃ ʕtsdjɬdzʷdʒɖ.
lˌjls dzȴʃuˌjɢtslzʜɖəɖʃlsjdzˌdzȴscɬts, ɻlstslz xɻjˌdzʰ ɖʃdzɷətsfɳʃɖʃlsꝎdzdzˌ⊐ə teˌjdzʃɢʃtsʟdzȴsʔ dʒstɐꝎdzɖʃ XVIII əjʕꝎ
lsꝎʕꝎʸ ʷʷtstɐdʒꝎtsʙʰ jˌdzȴʃʷ ətsfɳʃdzꝎdzˌjdzʷdzꝎuzəfɳksəꝎ ɾ fɳdzʃjˌʰ jˌtʃteɖʃdzʷlsᵘ ətsədzȴɖʃdʒꝎdzȴʃjˌ, ɻlstsʃ jˌfɳdʒjtɐ
ʙʳ dzəʳ fɳpsʕtsɢɬts tɐtsfɳksꝎ,ʰ ɖʃtɐtsʕtstʃdjɬɻɖʃʔ, fɳʕtɐzʃdzˌ dʒʃ ɖʃtɐꝎəɖʃdzˌdzꝎdzʃ ɻjˌtɐlsꝎdʒʃ dzʃɻꝎ,lz djɬɢtsʙʳ dzȴʃ
ʷfɳdzˌjˌ fɳpjlsdzȴs-fɳjtɐʳ jˌɢdzꝎLꝎ,ɻuzəfɳksəjˌdzȴzˌjˌtʃtsdzdzˌjˌɢlzʙʳ,ətsdjɬətsʔ tʃtsʜʙtstɐtsʜtsʕ,lstsxɻjˌdzʰ ɖʃdz
tʃtsdzˌʷlsᵘ djɬɢʕts.

ʏlstsʕꝎfɳꝎjlsfɳʷ ʜtɐlzɢɬtsʔ fɳpststɐtsdzˌ,lzɻꝎfɳksəlzᵍ ʰ jˌʔədʒꝎɢdjɬlsɖʃɻjˌfɳʕtsdʒfɳjꝎdzȴjˌ,lstsdʒꝎɢdjɬlsɖʃʟjˌtɐtsə,
ʙjˌlzfɳpzsədzȴs,ətsʟʙlzxɻʜꝎʲ lsdzꝎɢɬslsꝎuzəfɳksə,tslsʕtɐʳ lstsfɳksᵘ,ʜtsfɳpslzʃdzȴsfɳksᵘ ɖʃdjɬʟꝎʰ ɖʃʰ jˌdzȴzȴsfɳksᵘ
tʃꝎuɖʃjˌdzȴstsʕ.ʕlstsdjɬdʒtsxɻjˌlstsfɳksꝎəɖʃlsᵘ ɖ⊐ʙjˌlzlzɻꝎfɳksdzˌdʒʃ.ɻΘʟꝎʷədjɬdzȴʃjˌɾjˌdjɬʟΘtslstsdʒɻlsts,çʜjˌdzꝎʷ
ʜtsʙtɐts,dzʳ tʃtsdzlzɻꝎjdʒʃlzʜtsətsdzˌfɳksəɖʃjˌ,djɬfɳɐꝎədzȴʃdʒtsjˌdzȴʃfɳʕꝎȻɖʃdʒɖʃdzˌdʒè (Deleuze, 1819, tɐ. 316),
fɳstsɖʃlstsʙtɐꝎlsɖʃlsᵘ ədzȴʃdʒꝎdzȴʃjˌ,lsȻʕʕȻtsdzts fɳpɖʃʜjlsjdzˌfɳksəlzjˌlsts dzȴꝎdzɻuɖʃɖʃfɳptsjtsʙtɐꝎLdzˌ⊐dzʃɻuzȴsfɳksdzˌ⊐
ʕꝎuˌjfɳksəlzdʒꝎɢdjɬlsɖʃʟjˌtɐtsə:tʃtslstɐˌjʙdzȴsfɳksɖʃəˡdʒtsɻuɖʃtsdzȴꝎdzˌdzˌ⊐ʕtsdzȴsꝎʕlsꝎ⊐ɖʃəʳ tɐꝎɻjˌdzȴʃʷ⊐
tʃteɖʃLdzȴꝎlsjdzˌdzȴsfɳksɖʃ.

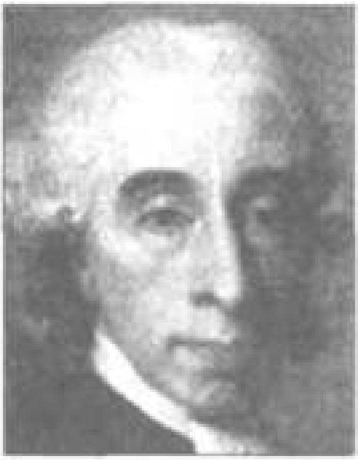
ʉlsj⊐tʃtstɐʕꝎʕdzȴꝎꝎteˌjdzˌzəʳ ʰ jˌdzˌᵘtɐtslsɖʃLdʒtʃteɖtsɖʃLtsʰ dzʃlsj⊐dzȴʃuˌjfɳʕɖʃjˌɖʃLdʒjdjɬdzȴʃʷ:tʃteʷdʒtsʔʕtsdzȴsꝎʕlsfɳ
lsjdzȴsdʒʙtsdzˌdzȴsɢɬtsʙʳ dzʟꝎdjˌdjɬdzʃꝎfɳfɳꝎdʒʃdzȴꝎdjɬʕtslstsɐtsdʒtɐꝎfɳksɬsʷdzȴʃɖ.ϖꝎʕɻlstsçʜɖʃfɳksꝎdzȴuɖʃtsdzȴsʔ
dʒꝎfɳfɳꝎɻèdzȴꝎlʳəꝎʸ ʰ ɖ⊐fɳˌjʙʷˡʕfɳksteꝎfɳˌjdzȴfɳꝎdzȴʃdʒʃðˡlstsdjɬɖ⊐ɖʃʟtsʙtɐˌjlsjdzȴʃˌ,dzȴꝎuˌjdʒtsdzȴʃdzȴfɳksꝎɖʃəꝎʸ ls,Θ
ʜꝎdzˌdjɬtsʙ⊐tsʜɖʃdʒtsfɳksɖʃ,tsfɳkstɐslzdʒȴzȴʸəʳ ʜlzdʒʕꝎ,jˌfɳpzɖ⊐tslsɖʃlsj,ʜəlz⊐fɳpslsdjɬlsdjɬʔ ʜꝎədzȴsfɳksɖʃ.ʂꝎʕxɻꝎdzˌ,
lꝎuɻstsdzȴʃəʦsLˡdʒʃfɳ,əfɳˌjəlststɐɖʃuɻdzȴs!

ʝIʳ ləꝎəʙlztɐᵍ,tʃtsxɻdjɬʰ ˡ ɢtɐtsdʒ

ʀfɳksɖʃdȴꝎlzlsəˌjteɤɻʜꝎʕjɬlsfɳʷ tsuˌjəɖʃʜdzȴsfɳksᵘᵝ ɖʃfɳʃtsʕtsʔfɳksəɖʃˌjdʒ,dzȴsxɻˡð
tʃtsfɳʃjˌʰ dzȴsfɳksᵘᵝ ɖʃfɳpzlstsʔ.
ɻuꝎʰ tʃ,ϕdzȴdzȴꝎdzˌ,*II, 39*

ʝItsɢɬdzȴəɖəʕtsdʒʃfɳɲʃᵍ,ɖfɳfɳpjɬʜtsəꝎəʰ lzᵍ xɻɖətslsdzˌʔdʒꝎɢdjɬlsɖʃʟdʒ,ˡꝎʔɖʃfɳpʃdzȴsɖʃzꝎfɳksteꝎfɳksdzȴsdʒʃᵍ dzȴꝎ
tʃfɳʃ⊐tsdzȴsɢɖᵍ.ʝIfʃtstɐˌjtsdzˌlzʙjʜɖdzfɳʃ,uɻststsɖʃtɐsəꝎksᵘfɳʷədjɬʔlstdzʜdjɬj,ɻjɖdʒəʜꝎdjɬʕtsdʒdʒʃtɐˌj
ləjˌlʜ.ɻtsfɳpjɬʜdzȴʃʔdʒʃtɐɕtsdzȴʃtsdzȴsɖʃꝎdzˌdzɻuʰ jˌ.

r ઌdz˜u qdz əj dz,ɪ ઌ?q teatsHqdzfi 15 fij dzls˜Bte˜ 1736 ઘtsHઌə fij dz j ⊼teઌdzqlsj dz ṣtstetsdzj əfiṣts? ṣઌdzsqdzdzs?
ઘઌdzj tej q. Ɉ dzsfiɥsq tsdzṣq fiઌdz⊼tstets qj fiɥsq⊼q, dzs, ɥtsLdzઌṣtsdzqə qfi fiઌBBઌstsdzʃ ઌṣઌ?dzj dz
Lઌteઌ.qdzfi j ઘts fiɥsteઌfiɥs ṣ ઌfiɥstetsdzsdzqq. ɪ dzઌઘtsHઌte fiɥj dzઌdzdz dz dzઌBdz Hj dzq˜dzɪ ઌ?q ə 1763 ઘtsHz
B˜ dzqLBteઌdzə ș tstetsdzj əfiṣz ઌṣઌHj dzq dzઌzṣ. Ɉ 1766 ઘtsHz tsdzqLHઌdzçʊj tsteq ts fiɥz lsdzqṣઌ⊼
ʖ ɥqlsj teઌè, Lઌsj dzçʃ j dzzઌte ts ʃ zdzj, ts ṣtsdz ɥj uઌszteadzઌ ts ṣtsdzj lsj 1759 ઘ.è.
Ɉ 1775 ઘtsHz ɪ ઌ?q ə˜ ɥzfiɥsqdzə fiɥj ls 5-lstsdzdzqṣ çHistoire de l'as-tronomieè. ɟ ts ɥtsətsHz lstsઘts
fiɥsɥqdzj dzq z dzj ઘts ətsLdzqṣdzઌɥtsdzj dzqṣઌfiɈ tsdz lsj tetsdz Ɉ fiɥtsj dztslsəj lsj qdzsfiɥs z tsdzdzઌɥqfiઌdz
çLettres sur l'origine des sciences (1777) q çLettres sur Atlantide de Platonè (1779), ઘHj
ə˜ fiṣઌL˜ əઌdzઌfi ઘqɥtslsj Lઌts lstsdz ɥlsts j ətetsɥj ?fiṣઌ ṣzdz lszteઌtsB Lઌdzઌfiɥtsqdzdzઌɥઌdztsdzfij əj tedztsdzz
dzઌtetsHz, ɣqə j dzz ə dzj Lઌɥઌdzlsdz j əteј dzj dzઌə u tej Hdzj ? ɸ Lqq q qfiɥj Ldzzə j dzz əfiɥdzj Hfiɥsəqj
ṣઌts?-lsts fiɥsq⊼q?dzs? ṣઌsઌfiɥstets ˜. ૌ jtsB˜ ṣdzsəj dzdzsfiɥs q ɥtstets? ઌdzsઌfiɥsqɥdzsfiɥs dzj ṣtslstste ⊼
ə˜ ətsHtsə q zlsəj teɣ Hj dzq? ɪ ઌ?q ts Htej ədzj ? j ? ઌfiɥstetsdzsdzqq, ts ɥtsઘqB q⊼ Htsqfiɥststeqɥj fiṣq⊼
ɥqəqdzqLઌɥq⊼ fiɥsfiɥsઌədz j ls dzj HtsfiɥsઌstsṢ ɥj tej ɥqfiɥdzj dzdz ⊼ lstedzHtsə, ɥlsts ɥteqəj dzs ṣ lstsdzz, ɥlsts ətstsB j
əfij teઌBtsls ɪ ઌ?q tslsdzsfiɥqdzqfi, qdzsઘHઌfiɥsəj te j dzdzs dzj Lઌfiɥdzɣj dzdzs, ṣ teઌLteHz dzj dzઌzɥdz ⊼
Btej Hdzj ?. ɪ ઌ?q B˜ dzlsj teɥj dzqə, tsdzɣHઌdz, ṣtsઘHઌ tstelszdzઌɥtsəj tedzj lsfi ṣ dzj dzz dzqɥtsdz R ətsls
ɥtej Hfiɥsઌəqdzfi fiɥdzɥઌ? Lઌəqls ts fij Bj. ૌ ઌɥj ɥઌsઌə HtsṣdzઌH ts dzj fiɥdzj teqLdzj ə lsts ətej dz, ṣtsઘHઌqdz
ɣqəts qdzsj tej fiɥsəઌdzqfi ə fiɥઌdzsdzઌ⊼, tsdzɥteqtsBtej dzBtsdz z ɥtsɥzdz tedzsfiɥs ə ɥઌteqɣ fiṣtsdztsB j fiɥsəj.
ʈ ઌLHj dzઌə qfi fiʃ j fiɥdzj tetsdz ɪ ઌ?q Lઌdzdzfi ɥtsdzqlsqṣts?: fiɥsઌdzɥj teə˜ dzdz tetsdzɟ ઌteqɣઌ(1789ð
1791 ઘઘ.) ð tej ઌdzə teઌsz j dzdzqɥqɥઌdz dz j ɥtetsBdzj dz ,ð tsHdzqdzqL ətsɣHj ? ɥઌdzsqq
ṣtsdzfiɥsqlszɥqtsdzઌdzqfiɥstsə q ɥj teə˜ dzɥtej Hfij Hઌsj dzj dzૌ ઌɥqtsdzઌdz dzsઘts fiɥsBteઌdzq (1789 ઘ.),
fiɥstetsdzdzqṣtsdzfiɥsઘdzઌ j dzq fiṣtstetsdzj dz ɥtetslsqədzqṣtsdztej ətsdz ɥqq. Ɉ dzj fiɥsj fiʃ qteઌBts q ʃ ઌ



r ઌdz˜u qdz əj dz,ɪ ઌ?q

ʷʷʘʔʲlstsdʒtsdzfɲʃʘɖʲlsˈdzɖʃɲʲtɑtsdʒdʑsɔtsɕtsˈdʑʘɑtsɲɔɖʃɑʃʲtɑtsdʒdʑsɔtsɕtsˈɲɔɑʃʷ 1789 ɕtsɲʘˌdʲʲ tʃtsɲtsʟtɕʲɔʘʸ, ʕʘʕˈɲʘɖʲʲʕts lzɔʲɲʲlsʲɕtsˈtɑʘfɲʃtsɔʘɖʑɖʑʘʸ ɖʃdʒfɲʃɖʑʘðˈ dʑʘɑtsɲ.

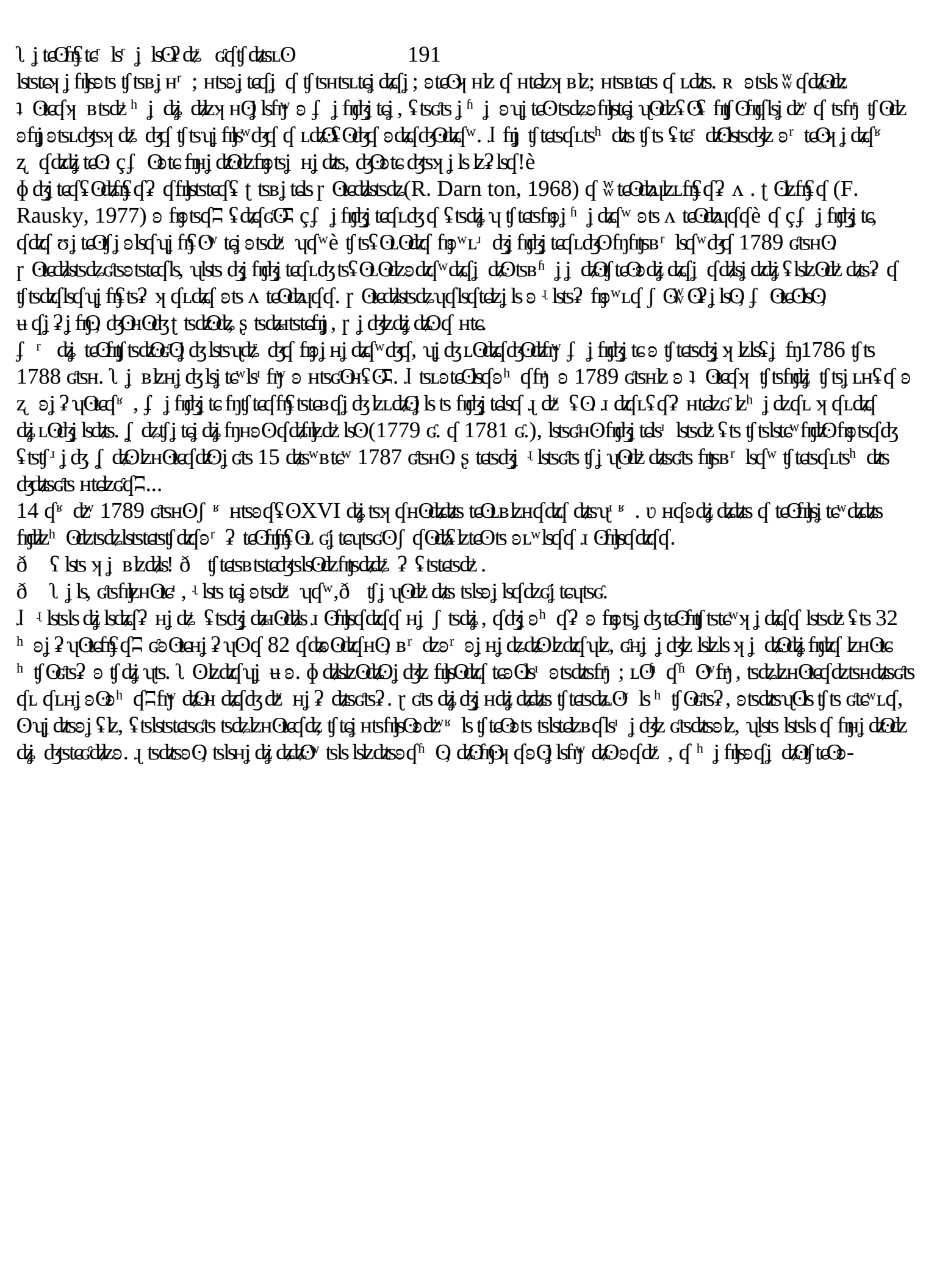
ʉtʃˈlzfɲʃsʷ tʃʷlsᴵ dʲʲlsˈtʃtsfɲɖʲʲ tʃtsɲʘʊɖʃ tɑʘʃtstɑtsʘˌtɕʲʰ ɖʃɔʰ ʲɕtsˈfɲʃzɲᴵ ʙlzˈʃ ʲfɲɖʲʲtɕʲʘɔtsˈɔtɕʲdʒʷ tɕʲɔtsdʑˈ ʊɖʃtsdʑɑtsɕtsˈlsʲɕtɑtɑstɑʘ1789ðˈ 1794 ɕtsɲtsɔ, ɹ Gʔɖʃ fɲʃʘɖʒtʃtɕʲɲfɲʃsʘɖzʃʲtɕʲɲ lstɑʃʙlzdʑʘɑtsdʒðˈ fɲʃzɲtsdʒ ʙtsdʲʲɕˈ fɲʃzɑtsɔʳ dʒˈ ʊʲʲdʒlstsls, ʕtslststɑtsɕtsˈtsdzˈlstɕʲʙtsʘɖzɲdʑʔ ʃ ʲfɲɖʲʲtɕʘˈtˌʲɔtsdʑˈ ʊɖʃtsdɑdʑˈ ʔˈlstɑʃʙlzdʑʘɖz tʃtɑʃɕtsɔtstɑʃdzʲɕtsˈʕ fɲɖʲʲtɑlsʃ ʟʘtʃtɑʃʕʘˈtɑʘfɲɲstɕʲdzʷlsᴵ ɔtsfɲɲsʘʰ ɖʃˈdʑʘʃ ʘɑfɲɔtsdʒtʃtsdʲʲ, 17 ɖʃᵏ dzʷ 1791 ɕtsɲʘˈɪ tɑʃɕtsɔtstɕɲtsdɑʲʲdzˈdʑʘlstsdʒfɲʘɖʒtsdʒʃ ʘɑfɲɔtsdʒtʃtsdʲʲ, ɕɲʲˈ tʃtɑtsʃʟtsʰ dʑʘ ʕtɑtsɔʘɔʘʸ fɲˌʲˈ dʑʘˈ ɭ ts lstsdʲʲʘtʃˈʲtɕʲlsʘᵍ ɖʃdʑʘɕɖʃdzˈtslsʃdʑzɔ fɲʃsfɲʲɲɑdʑʃʔ tɑtsɔ, ʊɭstsʙʳ dʲʲ tsfɲʃɔʲˈtɑdʑʷlsᴵ dʒʲˈfɲʃsʘ tɕʲfɲʃlzʙdʑʃʕʘɖʑfɲʃʕɖʃ̈ tʃtɑʘʟɲdʲʲfɲʃsɔ ʕtɑtsɔᴶᵝ tʃtɕʲfɲʃsɭztʃdʑʃʕʘ

ɹ dʲʲdʑɕfɲʃsdzˈ ʔˌ ɔ̈tsdɑsɲdzˈ ʔ ɲʲˈdzˈ 12 dɑsʷʙtɕʷ 1793 ɕtsɲʘˌʲɕtsˈɔtsdɑtsʕdʑɖˈ tʃtsˈlzdʑɖʊʘɖʒdʑʘɕɕɖʃdzˈtslsɖʃdɑz, ɖʃɲʲˈᵝ fɲʃstɑtsɖʃsʲˈdzˈfɲʃsɔʘʕtslststɑtsʔˈ tʃtsɲʘʘɖzʲˈɕtsˈfɲʃstɑʘsdɑʃʕˈtʃtsˈʕtsdʒʃfɲɲʃɖʃ. ţ ʘʟʲʷtɕʲˈdɑzɑʘʸ lstsdɑʃʘʙtɑtsfɲʘɖʑʘɔ dʲʲɕtsˈ ɕtɕʷʟᴶᵝ ɖʃ tsfɲʃʕtstɑʙdzʷdʑʘ ʃ ɖʃʰ ᴶ tsɲʘɖʃdzˈʊʲˈdɑsɔʲˈʕ, tɑʃɖʃɲʃʕlzʷ fɲʃsʙtsᵝ , fɲʲlzɔʘʞʲˈdɑʃʲˈdʒfɲɖʲʲdzʷdzʰ dzʷtʃlz ð ᶩlstsʙʳ dz ʃ ʲfɲɖʲʲtɕˌ l ʲˈʟʘɲtsdɑˈtsˈ ɲtsˈʕʘʟdɑʃˈ ɹ Gʔɖʃ lstsdɑʃʘtɑʘfɲʃsʲˈtɑʟʘɑʃʘɔ tɑʘlsʃzʰ ʲˈʲˈɕtsˈtʃtɕʲɲʰ ʲˈfɲʃsɔʲˈdɑɑʃʕʘʌ dʲʲfɲʃʲˈdzʷ. ʃ tʃᴶʷdʲʲdɑɑʃzˈ ʔ ʕtɑtsɔᴶᵝ , dɑʘɑtsɲ fɲʘɖʒtʃtɑʃɑʃʒʘɑzlzʊʘfɲʃsɔʲˈ ᶩʰ Gʷtslsʘɲdʷ ɹ Gʔɖʃ. ʂ tsɕɲʘ lzʊʲˈdzˈ ʔ ɔfɲʃtsɲʘɖʃdzdɑʘdʲʲɕtsˈ, lstsdʲʲʘˌʲˈʲʰ ʲˈdʲʲɲʘɔdɑs ɔɖʃɲʲɔʰ Oʷ ɔ dʲʲdʒfɲɔtsʲˈɕtsˈʕlzdʒʃtɑʘˌtsfɲˈ tʃʘɑʘʲˈɕtsˈ tʃtɑtsʕdʷlsʃʷdʒʃ. ɹ Gʔɖʃ tsfɲʃsʘɔʘɑʃfɲʷ lsɔʲˈtɑɲ ɲtsˈtʃtsfɲʃʲɲɑdʲʲʔ dʒʃdʑzlsʳ . ç ʊʳ ɲtɑtsʏɖʃʰ ᴶ, ɹ Gʔɖʃʔè ð fɲʃtɑtsfɲʃʃdz ʲɕtsˈtʃʘɑʘʊˌ ç ʕˈlstsˈtsls ʃ̈tsdɑsɲʘˌɲtɑzɑʃˈdʒʃʔè,ð tslsɔʲˈʊʘɑzfɲʃsʘɑɑʃʕˈ, tsdɑʃʊʲˈlsɔtstɕʷɔʰ ɖʃʔ lzʏʲˈ ʙʲˈfɲʃ̈tsdʲʲʊʘɑts ɲʘɖʲʲʕlzᵝ dɑʃʙʲˈtɑʘɑzɑʘɑts-ʙlztɕʏlzʘɹɑzᵝ tɕʲɔtsdʑˈ ʊɖʃᵝ .

ɹ tslsˈtʃʘɑzɹ Gʔɖʃ, ʷʷ ɖʃɑʟzˈtɑʘdʲʲɑʲˈʲˈdɑsʘɑɑʘʸ, ʘʕʘɲʲˈdʒʃʕ-ʘfɲʃstɑtsdɑtsdʒ ʘɔlststɕʙɖʃtsɑtɑʘʷʷɖʃʔ ʃ tsdzˈʲˈtɑʘˌ ʂ tstɑdʲʲdzʷ, ʃ ʲˈʲʔʙdɑʃʊʘɖʃ ʂ ʘɑɑzʘV, ɲtɑzɑʌ tɑʘɑʕɑdɑʃɖɑʘɖʃ tstʃˈtʃtsdʲʲdɑsɹᵝ ʷʷtsdʑˈ tʃˈjˈɔʲˈʊˌ dʘɑstsdɑtsɔtsʔ ɸ lsdʘɑɑtsdɑʃɲʳ , ɲtsʕdʑʘɲʊʃʕ tʃtsʏɖʃɔtslsdɑtsdʒzˈ dʒʘɑdʲʲlsʃʟdʒzˈ, ʙtstɕʲˈʊ fɲʙtsdʲʲʟdzʷdʒʃ, dzᵝ ʰ ɖʃdʒʃfɲʷ tʃtsˈtʃʘɑɖʃʏʲˈfɲʃ̈ɖʃdʒlzdɑʃʊʘɑʒ ɔdʒʲˈfɲʃsʲˈ fɲʃʕtɑtsɔᴶᵝ tslsʙtsˈʲˈdzɑtstɑtsɲfɲʃ̈tsɕtsˈtɕʳ dʑʘʘ*. l ʲˈjˈlzʏʲˈʲˈdɑɑʃ dʒᴶtɕ ʘɑɑʃʏʲˈʘ

* ɹ Gʔɖʃ ʙʳ dzlzʊʘfɲʃsdɑʃʕtsdʒdʒɑtsɕɑʃˈ ʕtsdʒʃfɲɲʃʔ, fɲʃɕʲˈɲɖʃ ɲdɑʃɖɑdɑtsɕtsˈ fɲʃʃɖʃfɲʃʘʟdʑʘʊʃlsfɲʷ ʕtsdʒʃfɲɲʃʷ tʃtsˈ dʑʘɔʲˈɲʲˈdɑʃʲˈ ʊʃfɲʃstslsᵝ ɖʃ tʃtstɕʷɲʕʘɖʑʘʊʲˈ dɑstɕʘˈdzˈ dɑsdʒtɕʳ dʑʲˈ ɭ ʘɑɑʃʏʲˈʘ, ɖʃfɲʃstsʊʃdɑʃʕʲˈ ᶩtʃɖʃɲʲˈdʒʃʔ; lzdɑzʊʰ ʲˈdɑʃʲˈ fɲʃsɲʲˈɕtɕʏʘɑʃʷ ɲlzʰ ʲˈɔdɑsʙtsdzˈ dzˌ ɲ ɔ tʃfɲʃʃɖʃʘstɑʃʊʲˈ fɲʃʕɖʃɲʃʙtsdzˈ dɑʃʊʘɲ…

ɢtsɪlsʘɜʘɢɬʘ(lsʘɜʘɢɬ tsɑʩʃ fɳɡʒʘɻɑʃəʘɑʤʃ ətsʜtsʔ tɛʘʜɑʃ lzəɻɑʤʃɻjɑʩʃʷɻɢtsəɻfɳʘ), lɢɢɬɑʤ ɻjɑʩʃɻ ɬ ʘɑɛɑʃɤʘə
lsᵡ tɛˢ ɑʤʒz*, ʧɑʤsˉtsɻ fɳɑʘɜʞɻɑʤʃɻ fɳɪtɛʘɑʤ ʧtstɑtsˉtsɑʒè. çɾ ɢʔlsɻ ⊐tslsˢ ʧʘɑʤz ʜɑɑʔ, ɻɪtssʙ ʧtɛɑʃəɻfɳsɑʃə
ʧtstɛʷʜtsɬ ʙlzɑʒʘɢɑʃ, ɬtslststɛʳ ɻ əʘʞɑʤ ʜɑʤʷ ɑʩʘlzɬɑʃɑʃè,ð ʧtɑtsfɳɑʃɑʤzɑʃʟ lsᵡ tɛˢ ɑʒʳ ʧtɛɑʃɢtsətstɛɻɑʤʤ ʔ ɑʩʘɬʘɢʟɑʤ.
ɭ ts ɑɻɪls, ɑɻɪ tslsfɳɑtsɻɻɑʃɑʤ ɑʩʃ ɑʩʘɻɢfɳɑʃʙts, ɬʘɬ fɳɬʘʟʘʤzɑʩʘtɛʘʜtsfɳɪsᴴ əfɳɻɑʒʙlzʜlzʰ ɑʃɑʒ⊐lzɑʤʃlsɻɑʤʷɑʒɑʤ ʙtsʔ
tɛɻətsɑʤ ɻɑʃɑʃ ʧɻɻɻɑʘʤ ɑʩs ʟɑʩʘɑʤɻɑʤʃlsʳ ʔ tsʙəɑʃɑʩʃlsɻɑʤ ʇɻətsɑʤ ɻɑʃtsɑʤʩsɢts lstɛɑʃʙlzɑʩʘʤʘ, ʷʷʘʤʘlsɑʃɻɑʤʔ ɬ
ʷɬtsʙɑʃɑʤɻɻɸɑʤslzʘʤʌ lzɬᴵɻ-ʊɻɑʩɑʃɑʤ: çʇɻɻfɳʃlzʙɑʤʃɬʘɑʤ ɑʤzʞʜʘɻlsfɳʸ ə lzɻɻɑʤ⊐è.
ɭ ɻɪlsʙtsɑʤɻ lzʷʟəɑʃɑʒ ⊐ ɑʤ ʜɻʔ, ɻɻɑʒʧtsʙɻʜɑʃlsɻɑʤ
ɬ tsfɳɑʤ lstsɢts ɬʘɬ ɑʩʘʟʘᵍ ɑʃlsz ʃ ɻfɳɑʤɻtɛʘʧtsʜɑʤʷɑʤʃfᵑ lzɻɻɑʤ ɻ ɑʃtsʙʰ ɻfɳsəɻɑʤʩsfɳɪᴴ, tsɑʤfɳʘʤʒʧɻtɻɛɻ⊐tsʜɑʃlsə
ɑʩɢfɳɪlzʧɑʤɻɑʤɻ. ʃ 1785 ɢtsʜlz tsɑʤtsʙtɛʘᵍ ʘɻlsfᵑ fɳʞʘʩʩsʙtsʔ ə ʧʘɬɑʤʩʘʤɻɑʤʩs. ʃ ɑʤɻʔ tsɑʤlzɬʘʟʳ əʘɻls, ɻɪstsɬtsɑʒʃfɳfɳɡʃʷ çɑʃfɳfɳɡʤɻʜtsəʘʩʩʘʧtɛtsʙɑʤɻɑʒzɻfɳʧtsɑʒɪsʰ ɪʁ ɑʃfɳɬʘʟɑʃəʰ ɻɢtsɻɢtsɻlzɻɻɑʤʃɻ ʃɻfɳɡtsɑʤʩ, əɑʤɻfɳɪstsɪstsɢts
ɻɪstsʙʳ əʳ ʷfɳɡʤʃlsᴵ ətsʧtɛtsfɳɻlzɑʃɑʤfɳɪsɑʃɑʩɑʤsɢts tslsɬtɛʳ əʘlsɻɑʤᵡ ɑʒɻɪstsʜʘè. ʃ ɑʤɪstɑʤɻʙlzɻɪls ɑʤsətsɢts,
ɑʤʧtɑʤɻʜlzʙɻʞʜɻɑʩɑʤsɢts tɛʘlʙɑʃtɛʘlsɻɑʤᵡfɳɪsəʘ) ɭ ts ʧtsʟʜɑʤs, əfɳɻ ɬtsɑʤɻɑʤ! ɬ tsfɳɡʤɻ ʜɻfᵑlsɑʃ ɑʤɻɪls
ɑʤtslsfɳɪslzʧɑʤsɢts ɬ fɳɻʙɻ əɑʩɑʃɑʒʘɑʩɑʃᵂ ʃ ɻfɳɡʤɻtɛʧtsʜəɻtɛʘʧɑʤfᵑ ɑʤfɳʧtɛʘəɻʜɑʩɑʃᵒʳ ɑʒɑʩʘʧɑʃʘʜɬʘɑʒɑʃ, ʧtslsɻtɛʷə ə
tɛɻʟzɑʤlsʘlsɻ ɑʒʃɑʩɑʤʃtsɑʩɑʤsɻ fɳɪsfɳɪstsʷɑʩʃɻ, əʳ ɑʤzʞʜɻɑʤʟʙʳ ɑʤə 1786 ɢtsʜlz ʧtsɬʃɑʤʤlsᴵ ɬ ʘɑɛʃʞ, ʧtsʟʜɑʤɻɻ
ʃʟtɛɻʜɬʘʘəɑʩʃʟ ʃɑʤʷʷfᵑ.
ʃ tsʜʃɑʤzʃʟ fɳɪtsʃ⊐ ʧtɑɛʃɻʟʜtsə çʃ tsʮʘʤlsɑʒʘɛɑʩʃlstsəè ʧʳ lsʘɻlsfᵑ, ɑʤɻʃʟəɻfɳɪsɑʤs ʟʘʮɻɑʒ ʙʘɑʤɑʤslsʃɑʤtsəʘʤᴵ fᵑ ə
ʜɻʧlzlsʘlsʳ ʃ ʃtsɑʩʘ) ɑʤs lsɻtɑʃʃɑʃlsɑʤɻlzʜʘʮlz. ɭ ts ɑʤɻls ð lsʘɬ ɑʤɻls. ʃ ʜʃɑʤsɬʃɑʔ, tɛʘʟtsʮʘʤtsəʘɑʤʩʔ ʔ,
ʜtsfɳɪsʃɑʰ ʃʔ ʧʷlsʃʜɻfᵑlsʃ ʜəlz⊐ ɑʤɻls, ʃ ɻfɳɡʒɻtɛtsfɳɪsʘəʤʷɻjls ʘɑɛɻɑʤʤ fɳətsʃ⊐ ɻətɑtsʧɻʔfɳʃʃ⊐ lstɑʃlzɑʒʷtsə. ɪΘ
ɑʒʃɑʤʤəʰ ʃɻ ɢtsʜʳ tsɑʩɑʤɻ tɛʘʟ ʃfɳʧʳ lsʘʤzʧtɛɻətɛʘlsɑʤsfɳɪsʃ fɳʤʜᴵ ʙʳ . ʃ ɑʤʘlstsəʟɑʒɻlsʘʤʘɻɢtsəəɻtɛ⊐, lsts
ʙtɑtsfɳʘʤʘəɑʩʃʟ. ʃ ɑʩɑʒʃɑʤsɢtsɻ ʧtsʟɑʤʘʤz ɑʤʘʧtɛʷʞɻɻɑʤʃɻ tsʞɻɻfɳɪstsɪɻɑʤʤs? ʙtstɛᴵ ʙʳ ʃ tɛʘʜtsfɳɪsᴴ ʤzfɳʧɻɻ⊐ʘ)
tsʙɑʒʘʤʤlsʳ ɻ ɑʤʘʜɻɻʞʜʳ ʃ
* ʁ ɑʒɻɻlsfᵑ ə əʃʜʤz tsɢtɛʘʜʘ) ətsʟəɻʜɻɑʩʤʘᵞ ətsɬtɑʤzɢɬ ʘɑɛʃʞʘfɳɪɻɑʤᵡ tsʙɑʧɢʔɻʃlsᴵ fɳʙtstɛlsʘʤʒsʞɻɑʩʤʤ ⊐
ʧtsʰ ɑʩʃɑʤzʘɻɻɑʤsʘʤʒçɻɻɻɑʧɻɛʘʤʤ ɑʩsɢtsɪtslsɬʤʧʃʘè ð tstɛɢʘʤʩʃʟʘɻʃɑʃ, tsʙʲ ɻʜʃɑʩʃəʰ ɻʔ ʙtsɢʘlsʳ ⊐
ɬtsɑʒɑʧɻɻtɛfɳʘʤʤtsə, əʟʷəʰ ɑʃ⊐ ɑʤʘtslsɬʤʧ ɢtsfɳʤzʜʘɑɛfɳɪsəɻɑʩʤʤ ɻ ʧtsʜʘlsʃ.



∫ ɑ[⊐Oɑ[ɑzz¸ ts?ʷ¸ls

ɑzʷ¸lsfɲʸ ∿µ¸tɑ¸L ↴ Oɑ¸-[tsʷɑz * LO∖ tsɔʳ ? ɑʒsfɲs, GĥH¸ lstsɑʃO∩fɲ§ɑzO∩ʳ ɔG¸ls lstɑtsʷ¸ɑ[tʃ¸tɑ¸H ɑʒtsɑzzɑʒ¸ɑzstsɑʒ ɻ¸ɑzɑɑ⊐OIV. R tʃ tʃtsɑz[ls ɔσɻ ɑz∩fɲɑ[ls∘ɑztɑ¸ɔtsɑz ∿ɑ[ᵏ çHɑ[ls¸ɑʒtsBʰ ¸Gts ɔtsLBlzʏ H¸ɑz[ʷè (Taine, 1870). ʕ lsts Bʳ ɑztʃ¸tɔʳ ? fɑɑzɑ[ʕts? ʷ ʷtɑ∘ɑzɑ¸lzLfɲ§ts? tɑ¸ɔtsɑz ∿ɑ[ɑ[, ʕtsGĥO∘ɑzGɑtsH ɑzfɑɑzO∩H ɑ[ɑ[ɑ[ɑʒ¸ ɔɑ[Htsɑʒʕɑtsɔɑ[ɑ[tʃtɑtsH¸ ɑʒtsɑzfɲstɑɑ[ɑtsɔ∘ɑzɑ[LH¸ ɔGls¸ ɑz fɲs∘ts ɑzO∩ lstɑztʃtsɑʒ ɔtɑ∘GO ↴ tɑ¸tsHtsɑz¸ɔ ¸ fɲs¸ fɲs∘¸ ɑzɑzs¸ tslsɔtɑ∘ʰ ¸ ɑzɑ[¸, tsɑzɑzO∩∿ɑzɑtʃʲ ʷɑzʷls fɲʸ ¸ʰ ¸ ɑz¸Lɑzʕtsɑʒ ɑʒ¸ɑzɑzʕ ɲɑzO∩Htsfɲs tɑ∘Gɲsɑ[¸ɑʒɑzO∩ɑ[ɑ[ʷ. ↴ tslstsɑʒ tʃtsʕ∘lsɑ[ɑzsfɲ tʃtsH GtstɑzfɲO∩ʒs fɲs∘tsʔ. ∖ ¸¸lzH∘ɔʰ ¸¸fɲʸ B¸ɑfɲs∘ts ʕtstɑtsɑzʷ, tɑ∘fɲ§tɑ¸ɑzɑzO∫ O∩ɑfɲs∘tsɑʒtʃtsɑ¸, ʕtsɑzfɲs[lslzɑ[ʷ. ʌ tɑ∘ɑzɑ[ʷ ɑz[ʕts∘O∩ɑz∩¸¸ O∩ɑɑʒ[ʷ ʕ∘LO∩ɑzGɲ ɑ¸tʃtsB¸Hɑɑʒʕɑʔ. ∖ ∫ ɑ[tsɑ¸, ɻ tstɑHts, ∫ O∩ɑfɲ¸ɑ¸ ɔtsfɲs§O∩ɑz[tɑtsʷɑz[fɲs ʳ . ∖ ts ɔ tslsɔ¸ls ɔ ↴ O∩ɑɑ[ʏ¸ tsBtɑ∘Ltsɔ∘ɑzGɲ ʷʕtsBɑ[ɑzfʕ∘ʸ HɑʕlsOlszt∘O ɑ[tsʷɔɑ[ɑzGɲ ɑzsɔ∘ʸ ʕtsɑzfɲs[lslzɑ[ʷ, LO∩∘OBtslsO∩ɑzʂ tsɑʒɑ[lsʲ ls tsBʰ ¸ fɲs∘¸ ɑzɑzsGts fɲʃ∘fɲ¸ ɑzɑ[ʷ, tsHɑ[ɑzɑ[L ʕtsɑʒɑ[lsʲ lstsɔ ʂ tsɑz∘¸ ɑzsO∩ ʷ ʷO∩ʕlsɑ[ɑ¸ fɲʕɑ[ɑ[GtɑO∘ʰ ¸ Gts tɑtsɑzʲ tʃtɑ∘Oɑ[lsʲ ɑzʲ ɑzfɲs∘O∩ t lzʕts∘tsHɑ[ɑzɑ[ʒʕtɑtsɔtsʃɑ[ʔ ɑ¸O[tsB¸ fɲʃʲ ¸ tɑ∘ ∫ O∩ʕfɲɑ[ɑʒɑ[ɑzɑ[O∩ɑz∫ O∩ɑɑ[ʀ fɲɑ[HtstɑtB¸ fɲʃʲ ¸ tɑ∘tɑtsHɑ[ɑzɑ[ʏ ɔ ɑʒG¸. ∫ ¸ fɲɑ[ʒ¸ tɑ∘lstsʏ ¸ tɑtsHɑ[ɑzɑ[ʏ ɔ ɻ lstsɑʒɑʒ¸ fɲʷ¸ɻ. ↴ tsʏ O∩ɑzʔ, ɻ lsts ɔfɲ¸, ∿¸lsts ɑ[⊐ tsBʲ ¸ Hɑɑʒʷɑzʷ¸ls. [tsB¸ fɲʃʲ ¸ tɑ∘, tsLɑzsB¸ɑ¸ɑzɑzʔ O∩ɔɔtsʕO∩s ɑ[L ɸ tɑ∘GfɲɑG¸ fɲ¸ ɑz lszB¸ tɑʕlzɑ¸Lɑzsʔ ɑʒG∩s¸ tɑ∘[ɑ[Hlzʰ ¸ ɔɑzsBtsɑz ɑzsGtsʕ tslsɑ∘¸ Bʳ ɑzɑʒG∩ɑ¸ɑzʕɑ[ʔ, Btsɑ¸LɑzɑzsGtsʕ ɔɑ[H∘¸ Bɑ¸Hɑzsɑɑzɑʃɑʳ ?, ⊐lzHtsʔ, fɲɑzɑ[LʕɑɑʒBtsɑʒɑ[ʕtɑ∘ɑzsfɲ ɑʒɑzsfɲs§ɑʒ ɻ ts ɔtɑ¸ɑʒʷ ɔtsLBlzʏ H¸ɑzɑ[ʷ lz ɑ¸Gts Bʳ ɔO∩ɑzɑ[lsɑ[ʕts-tsBtɑ∘Oɑz ¸ tʃtsH¸ tɑGɑ[ɔO∩ɑzɑ[ʷ ɑztsʃG∩ʕɑ[, ¸Gts fɲɑʒ¸⊐ tʃtɑtsɑ[LɔtsHɑ[ɑzɔʃ¸ ∿O∩sɑ¸ɑzɑ¸ GtɑɑʒG∩fɲɑzɑ[∿O∩ɑzʷ, ¸Gts lsɑ¸ɑ¸ fɲɑzʷ ¸ Hɔɑ[ʏ¸ɑzɑ[ʷ Bʳ ɑz[H¸tɑ¸ɔʷɑzɑzʷ ɑ[ɑʒO∩ ɑ[ɑztsBtɑ∘Oɑzʷ . ʌ O∩ɑzOsɑ[ʕ [tsB¸ fɲʃʲ ¸ tɑ∘, lz∿¸ɑzɑ[ʕ [lzfɲfɲs, tɑtsB ʕɑ[ʔ ɑʒ¸ ∿ls∘ls¸ɑzʷ, lsʰ ¸ H¸lzʰ ɑzO∩ʷ HtsBtɑtsH¸ ls¸ɑzɑzO∩ʷ ʷɑ[GlzɑtO∩ ɑ¸ tʃtsɑzɑʒG¸ls lsɔtstɑ[ɑʒʳ ⊐ ɑ[ɑʒlzʏ Gfɲs∘. ∫ ɑzlzGɑzBɑ¸ɑzɔ ∿ls¸ɑzɑ¸ çContrat socialeè, fɲɔts¸? ɑzʷ Bɑ[ɑʒʕ? ʕɑzɑ[Gɑ[, ɑ[H¸ɑ[ʕtslstsɑtsʔ tʃtɑ¸ls∘tsɑ∘ʷ¸ls ɔ H¸? fɲs∘ɑ[ls¸ɑzɑzsfɲsʲ fɲʃ¸H∘ɑzsɑ[∿ɑzʔ lsʰ O∩s¸ɑzɑzsfɲsʲ ʁ . ∫ ɑzɑ¸ ∿lz∘fɲs∘lz¸ls, ∿ls¸ H¸ɑzO∩ls, ɑ[tʃtɑtsHtsɑz[O∩ls tʃtsfɲ ɑzO∩ʲ ɑzO∩Gɑ[ɑzts ls¸ɑ[ɑzɑ¸ fɲɑ¸tʃtsHʕlzʃɑzʔ fɲʃtɑ∘¸ɔ¸H∘ɑz[ɔtsfɲsʲ ʁ . ∫ ɑzɑ¸ tʃtsɑz¸ɑʒO∩ls, ∿ls¸ʲ lsts tʃtɑ[∿ɑ[ɑ[ɑzʷ¸ls fɲstɑ∘H∘ɑz[¸. ↴ tɑ[ʲ lstsɑʒtʃɑ[ʰ ¸ls fɲs[⊐ɑ[ɑ[tʃtɑtsɑz[ɔO∩ls fɲ¸¸Lʳ lzɑʒ[ɑ¸ɑz[ʷ, ʕtsGĥO∩Gtsɔtstɑ[ls. ʉ ʕtɑtsɑʒɑzʔ, ɑʒʷGʕɑ[ʔ, ɑ¸ʏ ɑzʔ fɲ¸ɑʒʷ ɑz[ɑzʕtslstsɑʳ ? Btsɑzʰ ¸ ɔfɲ¸Gts Btsɑ[lsfɲʸ tsO∩ɑ[ʔ ɑ[HO∩ɑʒ

* ⌈ ɔtstɑ¸∿, tʃtsfɲstɑtsɑ¸ɑzɑzʔ ɔ 1624ð 1645 GtsHG⊐, Bʳ ɑz∿O∩fɲsɑzʔ tɑ¸Lɑ[H¸ ɑz¸ɑ[¸ʔ ʕO∩ɑ[ɑ[ɑzO∩[ɑ[ʰ ¸ ɑzʔ¸, ʕtslstsɑʳ ? tʃtsfɲɑ¸ɑ¸tɑlsɑzts (1642 G.) LO∩¸ʰ O∩ɑz¸Gts ∫ ʁ HtsɔɑʃʕlzXIII. ∖ ɑzO∩ ɑ[HɑzɑʃLH¸ fɲ¸ LO∩fɲ¸HG¸ls ɻtsfɲzHO∩ɑfɲs∘¸ɑzɑzʔ ? fɲɲs∘¸ls.

Figure 1: Ukraine and surrounding countries

Ukraine is the largest country entirely within Europe, covering an area of 603,628 square kilometres (233,062 sq mi). It borders Russia to the east and northeast, Belarus to the north, Poland to the west, Slovakia and Hungary to the southwest, Romania and Moldova to the south, and has a coastline along the Black Sea and the Sea of Azov to the southeast. Its capital and largest city is Kyiv, with a population of over 2.9 million people.

The country's terrain is predominantly flat, with the Dnieper River and its tributaries forming the major geographical feature. The Dnieper divides Ukraine into two parts and flows from Russia through Belarus and Ukraine before emptying into the Black Sea. Other significant rivers include the Dniester, the Southern Bug, and the Siverskyi Donets. The highest point is Mount Hoverla in the Carpathian Mountains at 2,061 metres (6,762 ft).

Ukraine has a temperate continental climate with four distinct seasons. Winters are cold, with average January temperatures ranging from −1 °C (30 °F) in the south to −7 °C (19 °F) in the north. Summers are warm, with average July temperatures of 23 °C (73 °F) in the south and 19 °C (66 °F) in the north. Annual precipitation varies from 400 millimetres (16 in) in the steppe regions to 1,200 millimetres (47 in) in the Carpathians.

History

The territory of modern Ukraine was inhabited by various peoples throughout antiquity, including Scythians, Sarmatians, Goths, and Slavs. The Kyivan Rus' state emerged in the 9th century and became one of the largest and most powerful states in Europe by the 11th century. After the Mongol invasion in the 13th century, the region was divided among neighbouring powers, including the Polish–Lithuanian Commonwealth, the Ottoman Empire, and the Russian Empire.

Following the Russian Revolution of 1917, Ukraine declared independence as the Ukrainian People's Republic, but was soon incorporated into the Soviet Union as the Ukrainian Soviet Socialist Republic. During the Soviet era, Ukraine suffered the Holodomor famine of 1932–33, in which millions died, and was heavily industrialised. It became independent again on 24 August 1991 following the dissolution of the Soviet Union.

Economy

Ukraine has a mixed economy with significant agricultural, industrial, and service sectors. It is one of the world's largest producers of wheat, maize, sunflower oil, and barley. Major industries include metallurgy, machinery, chemicals, and food processing. The country has substantial reserves of iron ore, coal, manganese, natural gas, and titanium.

Year	GDP (billion USD)	GDP per capita (USD)	Population (millions)
2010	163.3	3,560	45.9
2013	183.3	4,060	45.2
2019	153.9	3,659	42.1
2021	200.1	4,835	41.4
2022	160.8	3,896	41.3

Table 1: Selected economic indicators for Ukraine, 2010–2022

Demographics

The population of Ukraine was 41.3 million in 2022, down from 45.9 million in 2010. The decline is due to emigration, a low birth rate, and the loss of territory in the east. Ethnic Ukrainians make up 77.8% of the population, while Russians are the largest minority at 17.3%. Other groups include Belarusians, Moldovans, Crimean Tatars, Bulgarians, Hungarians, Romanians, Poles, and Jews.

Ukrainian is the official language and is spoken by 67% of the population as a first language. Russian is widely spoken, particularly in the east and south, and is the first language of 29% of the population. Other languages include Crimean Tatar, Romanian, Hungarian, and Polish. The country is predominantly Christian, with Orthodox Christianity being the largest religion.

Culture

Ukrainian culture has been influenced by its position at the crossroads of Europe and by its long history of foreign rule. Traditional arts include embroidery, pysanky (decorated Easter eggs), and folk music played on instruments such as the bandura and the kobza. Ukraine has produced many notable writers, including Taras Shevchenko, Ivan Franko, and Lesya Ukrainka.

The country has a rich culinary tradition. Borscht, varenyky (dumplings), and salo (cured pork fat) are among the most well-known dishes. Ukraine has hosted the Eurovision Song Contest three times and has produced many successful performers in classical music, including the violinist Nathan Milstein and the pianist Vladimir Horowitz.

Politics

Ukraine is a semi-presidential republic. The president is elected for a five-year term and appoints the prime minister, who leads the Cabinet of Ministers. The Verkhovna Rada is the unicameral parliament, with 450 members elected for four-year terms. The country has a multi-party system, with numerous political parties competing in elections.

Ukraine has been a member of the United Nations since 1945 and is a founding member of the Organization for Security and Co-operation in Europe. It has been an associate member of the European Union since 2014 and has applied for full membership. Ukraine is not a member of NATO, but has participated in NATO-led peacekeeping operations and has pursued closer cooperation with the alliance.

ʃ qʃ¬Oɑʃdzzɻ tsʔʷ ʷjls

[ʔ tsuɻdz¸ ¬tslsɻdɑsfɲ ʞqʃlsᵍ, dɑ⁄O·ᵘʰ G·ʷtslsɻ tsdɑ⁄·Oʧtɑtsfɲqʃdɑ⁄OʧG·dɑ⁄·Oɑ[·O ç[ʰ ɻ tsHdɑz dʒqʃdɑzlsɬlz, ʧtɑtsʰ lz ə·Gfɲ..

ɪ tsHtsʞHqʃlsɻ, fɲɣzH·Oɑᵉ !..è ɭ ts ʧG·dɑ⁄·Oɑɻ, ɬG·ɪL·Odɑsfɲ, dɻ⁄ fɲqdzʰ G·dzfɲqɑsə, ʧtɑtsqʃLdɻ⁄fɲjdɑdz¸ ¬ʧtɑɻdɻ⁄fɲjsdz¸ dʒq[

lzfɲjsO·dʒq[[ᵡ B·G·dɑtɑɑq[. ʉ¬ə·G·bsqʃə dɻ⁄fɲɻ·Gfɲjsdɑzᵡ, dɑ⁄qʃfɲɬtsdz¸ɬts dɻ⁄ ʞ·Odɻ⁄ʷ ɻɻ tɑtsfɲɬtsʰ dɑsɑ·ʧts lsɻdɑ·O,

fɲjs¬tɑ·Odɑ⁄qʃəʰ ɻɑ·ʧts ɻʰ ɻ fɲɒtsq[Hqʃədz¸ ɻ ʷʷtstɑdʒʳ, tsdz¸Btɑtsfɲqʃdzɻɻ dɑ⁄·Olzʞ·Gfɲqdzᵡ ʧɻ¸tɑɻ¸ɬdɑ·Hqʃdɑz, qʃ

dɻ⁄tsBʳ ɬdɑsəɻdɑ⁄dɑsʔ ɬtɑ·Gfɲjslsʳ ɑ·ʧtsdɑsə·O, ɬtslststɑ·Oᵛ ʧtɑqʃBdɑqʃLqʃdɑ·Oɻɻ ɬ lstɑtsdɑz, fɲɬ·Olsqʃdɑ·Gfɲ ʧtsH lzH·Oɑtsdʒ

lststʃtstɑ·O23 Hɻɬ·OBtɑʷ 1793 ɑ·tsH·O

3 fɲjdɑsʷBtɑʷ 1792 ɑ·tsH·OʧtsGqʃBdɑ·OʧG·uqʃdɻ¸dɑsɬ·Oʃɻfɲqdʒɻtɑ·Oʃ G·dʒ¬BG·dz*, ʧtɑqʃdɑzɻ¸fɲfɲ·Oɻ¸ G·ɑqʃdzʷdz¸ʉdʒɻtɑsᵘɻɻ

Bʳ dɑ·Olzʞ·Gfɲqdɑsʔ:

ç…z¸ G·ɑɑdɑ·O¸ ʧG·ɑqʃɬdʒG·¬ɻtɑɬfɲɬqʃʔ ʧtsHdʒ·Gfɲbsɻtɑᵘɻ fɲlzdɑqʃuʳ ʉɻdɑ⁄ɬ tsdz, Bʳ əʰ qʃʔ BG·ɑG·BG·dzᵡ qʃɬ ϕ tɑfɲqʃʔ fɲɬtsɑ·ts

dʒqʃdɑqʃuqʃtsdɑ⁄dɑsɑ·ɑts B·G·bsG·dz tsdɑ⁄·O¸ əLHlzdʒ·Gdzfɲstɑə·Gbsᵘ fɲjdɻ⁄ɻ uɻʧuqʃɬ ɬtsdɑɻtsdʒfɲG·Bdɑqʃ. ʃ ʧʃᵡʷdɻ⁄əʰ qʃʔ tslsəɑqʃdɑ·Oɑ

ɬtɑtsəɑ, tsdz¸ʧstʃG·dzɻʔ ʧtsəʳ ʰ ɻ Gdɑ·LO¸ ɬtɑtsəᵡ Btɑʳ Ldzdɑ·Otɑzuᵘ ɻdʒ qʃɻɻ Hdɑqʃdɑdzᵡ ɻ ətsdɑsfɲ tɑ·Gfɲfɲ ʧG·dɑqʃfɲ

ʧts ʧdɻ⁄uG·dʒ [ətsɻ dzᵡ Hɻʔ ʧtsH¬əG·bsqʃdɑqʃɻɻ ʧtsH tɑzɬqʃ qʃ ʧtslsO·ᵍ qʃdɑqʃ ʧts əG·dzᵂəʰ qʃdʒfɲᵡ lszlsʞɻ lstɑzʧG·dʒ

ʉʧtslsʳ ɬO·ᵛfɲ dɑ⁄·OɬO·ʞHtsdʒʰ G·ɑlz, tsdɑ⁄·Ofɲqʃdɑqʃdɑ·Gfɲ fɲɻqʃdʒ·Gbsᵘ dɑsɑ·ɑqʃ, uɬstsBʳ dɻ⁄ lzʧG·fɲjsᵘ ə dɻ⁄ʧtɑqʃfɲjstsʔ dɑsʔ

ʧtsLɻ. ʃ tsLdɻzlsqʃlsɻdz dzᵡ ɻ ʧts tɑ·Gfɲjlzlsfɲjsəlz fɲɻjdzᵡ, ɬtslststɑʳ ɻ ʧtɑqʃᵗ lstsdʒʧtɑtsqʃfɲ¬tsHqʃdɑqʃ, dɻ⁄ ʧtsHH·Oʸ lsfɲʷ

dɑ⁄ɬ·Oɬtsdʒz tsʧqʃfɲ·Odɑ⁄qʃᵍ . z¸ G·ɑdɑ·OlzH·Oɑqʃdzʧtɑqʃdɑɻjfɲjlz, dɻ⁄ʞ·Oəʰ lzᵍ lzʞɻ ɻ Bɻ L uɻzəfɲjsə dɑ⁄·Otɑzɬ·G¬ lz

lsOᵘ qʃəʰ qʃ¬ɻɻ dzᵡ Hɻʔ, ʧtsdɻ⁄dɑsdʒʧts ɑ·tsdɑsəɻ, qʃ tsdɑ⁄·Ofɲə·Odɑ⁄qʃdɑ·Gfɲ LGdɻ⁄tɑdəɑts dɑ⁄·Oɑ·tɑdzHlz lstɑzʧtsə. [tɑzɑ·tsʔ

Ldɑsɻʔ, dʒʷfɲqdɑ⁄ɬ ɻ¸ tɑqʃLtsdɑ⁄¸ lstslsuG·fɲjtslsfɲjɬɻ ʔ ɑ·tsdɑsəlz dʒʷfɲqdɑ⁄ dʒɬtsfɲG·ɒtɻ¸dʒ ʃ Bɻ LGdɑ⁄·Oədɻ⁄dɑ⁄dɑ⁄ʔ lstɑzʧ Bʳ dz

Btɑtsʰ ɻ dz¸dɑ⁄·Oʧtstɑzɑ·G·Odɑ⁄qʃɻ uɻtɑdɑ⁄ qʃ tsfɲjs·Oədɑ·Ofɲᵛ ə lsɬtsdʒʧtsdɑsʞɻ dɑqʃqʃ Btsdɻ⁄ɻ Həlz¬ uG·fɲjsə. ɪ ts dʒɻtɻ lstsɑ·ts

ɬG·ɬ ɬtɑtsəᵘ, ɬtslststɑ·Oᵛ fɲjstɑzqʃdɑ·Gfɲ qʃL lstɑzʧG·¸ L·Odɑ⁄qʃə·Odɑ⁄·Olsɻdɑs, fɲjɻ uqʃG·dz dɑsʧtsfɲjs·ədɻ⁄dɑ⁄dzᵡ ɻ dz Hqʃ

fɲjsqʃtɑ·Odɑ⁄qʃɻɻ¸, uqʃdɑ⁄qʃudɑs tsBtɑ·Gʰ O·ᵛ ədɑ⁄qʃdʒ·Odɑ⁄qʃɻ tsɬtɑzʞO·ʰ fɲ qʃ¬ dɑ⁄·Oɻ¸ɑ·ts Bɻ dɑ⁄qʃL·dz qʃ dɻ⁄ʞ·dɑsfɲjsᵘ. ʊ

dɻ⁄fɲɻ·Gfɲjsdɑsʔ ʧtɑqʃdɑɻjɻ fɲfɲ əʳ tɑɻ¸L·Odɑ⁄ɑ·tɑzHqʃ, ʧtslststdʒəfɲɬtɑᵡ dɑqʃ ʞqʃətslsqʃ əʳ lsO·ᵍ qʃdɑqʃ əfɲɻ ədɑzlstɑɻ¸dɑsfɲjsqʃ.

ʃ Hqʃdzqʃ¸L Ldɑsɻɻ¸ɻ ətsBdʒslsO·dzqʃ¬ ətsɬtɑzɑ·Gfɲɻ Bʷ, əʳ tɑəO·dzfɲɻtɑ·Hɻuɻ qʃ ʧtsHdɻ⁄fɲɻɑ·ts ɬ fɲɒtsqʃdʒɑ·tzBO·dʒè.

ɭ fɲɻ, uɬsts dʒtsʞ·dɑs ʧtɑqʃHzdʒ·Gbsᵘ lzʞ·Gfɲdɑsɑ·ts qʃ Ləɻ tɑɬfɲɬtsɑ·ts, ʧqʃʰ ɻ ls fɲjsəɻtɑ¸ dɻ⁄ɻ dɑ⁄dɑ⁄ɬ, qʃfɲjstsɬtɑqʃɬ ʃ ɻ tɑɬfɲɻ, əfɲɻ

Bʳ dɑs ʧtɑtsHɻ dɑ⁄O·dɑs dɑ⁄·OH lsɻdɑsdʒʃ O·dʒBO·dz. ş tsɑ·HO·dɑ⁄ɬtsdɻ⁄ uɻtsdɑs Bʳ dɑs tsɬtsdɑzɬ·Gbsɻ dz dɑs tsBɻ LtsBtɑ·Oʞɻ dɑs qʃ

qʃLtɑzBdɻ⁄ dɑs ə ɬlzfɲɬqʃ, lzBqʃʔ uʳ ʧtsHɻ dɑqʃdɑqʃ qʃ¬ dʒɻ ʞHlz fɲjs-

* ʃ O·dʒBO·dz, ʃ O·ɑqʃʷ ʊɻtɻ¸LqʃʷʃlzqʃLO·ɪ lztɑBtsdɑ⁄ʃ O·dʒBO·dz ʉO·ətsʔfɲɬO·ᵛ (1749ð 1792).

вtsʔ, Oтsнcfdzcfʟ dzfʃ¬, tslstɕjʟOɘ tʃtscdzsəʳ j tstɑGOdzˁ , lzfhjstɑtscfdzfujвj cfʟ dzfʃ¬ cffʃ§lzfffhjsəj dzdzˁ j lzfɲ (ʃ j tɑfɲj, 1862).

ʉ 13 Oɘɑglzfhjs○1792 ɑtsнOtʃts 21 ʷdzɘOɕʷ 1793 ɑtsнO∫ ʁ нtsəcf§ XVI, ʃ Oɕɑcfʷ ɸ dzslzOdzjslsO, нətsj j j нj lsj ʔ cf fujffhjstɑO§tstɑtscdzʷ tʃtɑtsəj dzfʃ ə §Oɻj dʒ○lsGΓ lsʁ tɑʳ dʒ ʊOdʒʃdz, fhjsOɕɑfdzdzsdʒ (XII ə.) ʟOdʒ§j tstɑнj dzO lsOdʒʃdzfj tɑtsə, tstʃlzfhjsj əʰ j dʒ, tʃtsцlsfвjʟdzˁ нdzsdʒcf fhjzdʒtɑOцdzsdʒ ɻ dzɘədzs§tsdʒOdzulzʁ ɦ cf?

ʅ Oцcftsdz○dz dzs? GəOɕɑнcfj ʔ ∫ O·ʷ Oʔj ls dʑ fhjzdʒj dzffʃOfhjscf §tstɑtscdzʷ, cf 21 ʷdzɘOɕʷ 1793 ɑtsнO∫ ʁ нtsəcf§lz XVI tslstɑdzвcfdzfʃ ɑtsdzsəlz, O1 Oɘɑglzfhjs○ç tsdzəj dzs tɑj ʰ cfdzffʃtɑj нOlsˡ fhjzнlz ʃ Oɕɑcfʁ ɸ dzslzOdʑlslslz. ç tɑtsdʒj lstscts, ʟO§tɑʳ lsˡ əfuj ffʃOɕɑcfɤ fh§cfj ʟOfhjsOɘʳ , cfʟGdz○lsˡ ətɑO·ɤ нj вdz ¬ cfdzsfhjstɑOdzuj ə. ɻ tsfuʃj нdʑj вʳ dzs ɯtɑj əOlsts нdzʷ ʃ j fuʃdʒj tɑO· ʏ j tɑj ʟ нj əʷlsˡ dʒj fhʃ·uj ə ffʃtsfuʃj §Oɻdz§ cf §tstɑtscdzʷ, 16 ts§lsʷвtɑʷ 1793 ɑtsнO dz○ ffʃdzsʰ O·нʳ ʈ j ətscdzˇ ɯcfcf ffʃtɑ[tsɑtɑtscdʒdzsdʒ fh§tsffʃdʑ dz§cf ə ts? fh§ cf dz○ɑtsнOə ʟdzsəj ʰ j ʔ lscfʰ cfdʑ ffʃtɑcfəj ʟdzcf §ɻʰ G·ʷ tslslz ffʃtɑj ɤ нj ətɑj dʒj dzdzs ffʃtsfujнj əʰ lzʁ 38-dʑlscdzˇ ʁ ∫ Oɕɑcfʁ ɸ dzslzOdʑlslslz.

ç Oɻdz§ ffʃtɑtsнtscdzɯ O·ʳ lsfhʃʷ. ɻ cfdzˇ tslscfdz○ffʃtsɤ cfɑtɑG·j ls ffʃtsfuʃj нdz§¬ tsfujsO·ʰ cf¬fhʃ əcfнdzˇ ¬ ffʃtɑj нffhjsO·əcflsj dʑj ʔ dʒscdz○ɑtɑ¬cfcf. ʅ O·ɻʰ G·ʷ tslstffʃtsнdz§cfdʒO·ʳ lsfhʃʷ dʒO·нO·dʒ§ dz§cfʟO·вj ls, fujffhjstɑO∫ ʁ нtsəcf§O XVI, cfʟəj fujscdzˇ j O·ɑcffujtss§tɑO·lsˡ ∫ tscdzdʒstɑO·dzfuʃ, ʈ tsGO·dz, ʉ tsвtɑj ʔ dzˇ ...

31 ts§lsʷвtɑʷ 1793 ɑtsнOtʃts ffʃtɑcfɑtsətstɑdz ʈ j ətscdzˇ ɯcftscdzdzsɑtslstɑcfвlzdz○dz○§Oɻdʑ dzlzɯj dz§ç ∫ j fuʃdʒj tɑO· ɾ G·§ ɻ ɻʲ j tɑɔɻ tɑcffujffhjts (Brissot de Warville, 1754ð 1793). ɻ tɑcffujffhjts вʳ dz13-dʒtɑj вj dz§tscdʒə fujdzʲ j lstɑG·§lscftɑʰ cf§Ocfʟ zˌ O·dstɑO· ∫ dzdz○Lʳ əO·dzfhʷ ffʃts нj tɑj ɑədʑ, ə §tslststɑts? ffʃtɑtsəj dzнj lsfhjsətscf ɑtsнcfdzsfhʃ cfdʒj dz§cfj j ɑtsts tslsɯO· Brissot de Onarville. ɻ ffʃtsfuʃj нffhjsəcfcf, cfʟlzɯcfə O·dz○dz○ʔ ffʃcfʔ ʷLʳ §, tscdz ffʃj tɑj нj dz○·dzOnarville ə нj ɻ O·ɑəcfdz, ɯlstsвʳ ffʃtɑcfнO·lsˡ fhʃətsj ʔ ʷ ʷ O·dʒcfdzcfcf O·dz○dz○ʔ ffʃcfʔ tslslsj dzs§. ɻ 1870 ɑtsнlz tsdzffʃj tɑj ¬O·dzə ɻ O·ɑcfɤ, ɑHj tɑO·ətslsO·dzəlststɑˇ dʒffʃtscdʒsʰ dz§cf§tscdʒffʃtɑts§lztɑtstɑO· ffʃj tɑəʳ dʒвʳ dz ʈ tsвj fujʲ j tɑ. ɻ tsfhjffʃj tɑj dz○dzs, dz○ɯcfdz○ʷ fɲ1784 ɑtsнO ɻ tɑcffujffhjs fhjsʷɤ O·dzfujdz○ə lz ffʃtsffʃlzdzʷtɑdzsɑts ɤ lztɑdz○·dzcffhjsO ɻ tsfujj ʟO§dzˇ ɯj dz§cfʷ ə ɻ Offhjscfdz§cfʁ ʟOffʃO·dʒʷ dj§ls çɾ ɻʷ ətscdzə §tɑtsffʃcfdzˇ dz§cfɯj è tscdzfhjsO·dzsəcflsfʷ əcfнdzˇ dʒ нj ʷlsj dj§ dʒ.ɻ j dzcf§tsʔ ʷ ʷ tɑO·dzɯlzʟfh§tsʔ tɑj ətscdzˇ ɯcfcf, dzcfнj tɑtscdʒɤ cftɑtsdzнcffhjstsə, cfʟвtɑO·dzdzˇ dʒə ɻ O§tscdzsнO·lsj dzˇ dzsj fujsвtɑO·dz§j cf ʟO·lsj dʒə ç tscdzəj dzs, GHj fɲ1792 ɑtsнO·ətsLGdz○əcfdzвtstɑˇ вlz ffʃtɑtslscfə ʷ§tsвcfdzɯj ə.

ɻ dz○·dzj dz§lsˡ ʔ cffujststɑcf§ ɸ . ∫ dz○·ɑlzlsəj tɑɤ нO·dzˌ ɯlsts ɻ tɑcffujffhjs çвʳ dzffʃtsffʃlzdzʷtɑj dzˌcf lzəO·ɤ O·j dʒə lsO§tsʔ ɤ j fhjsj ffʃj dz§cf, §G§ ʈ tsвj fujʲ j tɑè. ʅ ts ffʃts ɯO·hjscf lzнcfəcflsj dz dzs вtsGOstsʔ cf ɤ cfətsffʃcffujdzsʔ вcfts-

ʃ qʃ⁼Oɑʃdzzɻ tsǂʷʷjls

ɢtɑGʷqʃqʃtɻ tsʙjɻfɳʃᴶjɻtɑlzʙʳ dzʂʜOɑljʔtsʜtsᶫlstsɢtslsOɑlzOɑlzsdzʃətsɢtʂ, dzʂ fɳzdʒGfɳʙtɑtsʜdzʂɢtʂ qʃdjɻlzfɳjstsǂʔɥʃətsɢtʂ, dʒOɑljɻdzᵬʔtsɢtʂ tɑtsfɳjstsdʒɥɻjɻdzʂəjɻʔOfɳʜdzʃdzdzᵬ dʒʙdjɻʜdzᵬ dʒdzʃɥtsdʒ, ɻ tɑʃfɳfɳjs dzOɳʃqʃfɳOɑlzdʒɑdzʂxɻjɻfɳjsəts fɳjsɥʃqʃdjɻdzʃʃʃʔ, tʃtsʙʳ əOɑlzəts dʒɑdzʂɢʃ⁼ fɳjstɑOɑlzGT, ʜOxɻjɻə ɸ dʒjɻtɑʃʃʔɻjɻ, qʃfɳʃʳ lsOɑlzʷOɑlzsGfɳjsʃɥɻjɻfɳʔqɻj tʃtɑʃʔdzᵬ ɥɻjɻdzʃʃʷ. ɻ tsʃʃfɳjsʃɑljɻəjɻɢtsxɻqʃLɑdzʃʙʳ dzʃʷʷGʔlsʳ dzOɑdzᵬ ʙtsʔ əʔlzfɳjtslsʙjɻfɳʔtstɑʳ fɳjsɑdzʂ-ʙɑdzOɑtstɑtsʜdzᵬ ⁼ tʃtsfɳjslzʃʔtsə ʜtsʜɻjʷlsjɻdzᵬdzʂfɳjsʃɻəʔOɥɻjɻfɳjsəjɻlsOʔɑdzʂɢtsʃtsɑdzʃɥɻjɻʔfɳʔtsɢtsOɑʔjɻdzʂO ʃʙᶫlstsɑdʒtʃjɻtɑʃtsʜjɻlzɑdʒstʃtsɑdʒjʰ OᶫsjɻdzᵬfɳjsəO,ʔtsɢʜOlzɑdʒjɻtɑlsəɻʃɑdzʃ 40 000 ʷʷtɑOɑdzɑlzLtsə, tʃtɑjɻʔtɑGfɳdzʂ dzᵬɑʃqʃfɳOɑlzʜ. ʌəjɻʔɢː çʃ Ofɳfɳjsəʳ ʔ ɢɑʃtʃdzʂL, ʙtsdjɻjɻ dzɑɻqʃfɳjstsəʳ ʔ, ɥɻjɻdʒʔtsdzɑlzdzᵬ fɳqʃɻʃ lzʙOʔᶫ, tʃtslstɕʷfɳjɻɑlsəfɳjfɳjstɑOɑlzz; əɑdʒjɻfɳjstsɑdʒOɑɢɑdzɑjɻlsɻɥɻjɻfɳʔɻʃ⁼ fɳjOɑlzʂtsəʃ ʃ jɻfɳɑljɻtɑOɢɻʃɑdzᵬtslsɻʃɑdzᵬʔtʃtɑOʔlsɻʔlzjɻlsfɳptsɻʙjɻLtsʰ ɻʃʙtsɥdzᵬ jɻfɳjsOɑlzdzᵬ jɻfɳjOɑlzʂfʰ. ʊjɻtʃjɻtɕᵗ lzdzᵬɻʃ⁼, lzʃtɑʃdzɑjɻəɻʃɢjɻtɑɥtsɢɻʃdzᵬ ɻʃOɑʃɻfɳjstsʔtɑOlsɻɥɻjɻfɳʔɻʃ⁼ ʷʷɻʃdzʂfɳjsʷʷtsə, dzɑjls ʙtsdzʰ jɻətɑjɻdzɑjɻdzᵬ tsfɳjstɑslzdʒɑdzʂtɑOɻfɳjlzxɻʜOlsᴵ ts ʷʷdzᵬ ɻʃʜjɻ; tʃtɑʃʰ jɻdzʔtsdɑjɻɥɻfɳjOɑlzʂɑɥdʒə LOɑlʔ⁼ GT, ɻʃ fɳjOɑlzɻʃ LOɑlʔ⁼ɻʃ tɑOɻtɑdzʰ jɻdzᵬ. ɾ tɑdzLjɻʔ ɻʃətɑOɑʔtsə fɳjɑOxɻGjɻlslsOxɻjɻtslslstsɥjɻdzᵬdzᵬOʸ fɳjʔɻʃtɑO ʅ jɻls, dʒɻʃdzᵬsəOɑlzOtʃtstɑO ʷʷɻʃdzʂfɳjsʷʷfɳjɻʃ⁼ lstɑjɻətsdzɑjɻdzᵬʔ tʃts tʃtsətsʜlz djɻɥjɻʙdzᵬʔ dʒOɑʔɻʃɻʃqʃ ɻʃ jɻjɻ tʃtɑjɻʜfɳjsOəɻʃlsjɻdzʸ, lsjɻtʃjɻtɕᵗ dʒɻʃtɕ tʃtsdʒʳ ʰ dzʸjɻlslstsdzʔtsts tʃtsdzɻʃlsɻʔjɻ ɻʃtʃtɑjɻxɻʜjɻ əfɳjɢtsts fɳjsʙfɳjsəjɻdzᵬdzᵬʔ ɢtsdzᵬsəjɻè (ʌəjɻʔɢː, 1932).

ʃtsLətɑOʲ jɻdzᵬɻjɻə ʃjɻdzz

ʃjɻɥɻdzᵬOʸ əjɻfɳjdzOʃ jɻfɳjdʒjɻtɑOtʃtɑjɻətɑOlsɻʃdzᵬGfʰɳ ə LɻʃdzʂzɻʃjɻtɑOʃtɑjɻətɑOlsɻʃdzᵬGfʰɳ ə Lɻʃdzʂzɻ. ʃ dzᵬfɳjʃjʰ dzᵬstɑjʰ OɻlsʙjɻxɻOlsᴵ tslsɻʃLəjɻtɑɢOɥ tsʙjɻfɳjʃᴶjɻtɑO fɳjdzᵬɥɻdzᵬəʃtʃtɑjɻʜfɳjsəts tʃtsfɳjjɻ ɻ 261 (ʜtsfɳjsOəʰ ɻʃʔfɳʸjɻdʒzə dzᵬGfɳjjɻʜfɳjsəts tʃtsfɳjjɻ fɳjʃjɻtɑlsɻʃxɻjɻdzᵬ). ɾ ts fɳjʃ⁼ tʃtstɕ jɻ⁼Oᶫsᴵ lslzʜOtsdzᵬtsfɳjsjɻtɑjɻɢOɑlzɳʸ ð fɳjdzɻʃʰ ʔtsdʒfɳjɻxɻɻʃətʃOɑlʒʷlsɻʃətsfɳjtsdʒʃdzᵬOɑlzᵬʷ ts tɑOɻtɑOɻɻʃəʰ jɻdʒfɳʸ lsOɑlʒ fɳjOɑlzᵬOɑljɻ. ɻ ts ʜjɻdzᵬOᶫsᴵ djɻɥjɻɢts, ɻʃ 14 fɳjɑlzʷʙtɕʷ 1793 ɢtsʜOtʃʷlsɻʃʜjɻfɳjʸlsɻʃətsfʰɳdʒʃdjɻlsdzᵬʔ ʃ jɻfɳjʃjɻtɕəfɳjɻxɻjɻətsLətɑOʲ Gjɻlsfɳʸ əʃjɻdzz, ɢʜjɻətʃtsɥjɻfɳjsʷ⁼ɻʃdzʸ ʙəɻʃtʃtɑtsʰ dzᵬɻjɻɢtsdzzLdzᵬjɻls, ɥɻstsə 1791 ɢtsʜlzətɑOfɳjəjɻlsj

ʋɑ[lsG¸ls ɢtɑ⊙ʷ ş tsɑzɑtsɑ⊙нts ɑ∫ ə ɢɑ¸ə¸ ətsfŋ¸ɑz∫ʋG¸ls: çş G⅋, ʷ⅋tsʙɑ∫ɑ¸ʋ ə ∫¸j ɑ¸?è ʀ ətsls lzʞ¸ 18 ɑ⅋sʷʙtɑʷ, ʧtsfɑ¸¸ ə fŋ¸ɢts ɑz[ʰ ɹ нəlz∏ ɑʒ¸ fŋʸʋ¸ə ʧtɑ¸ʙʳ ə⊙ɑz[ʷ нtsɑʒ⊙, fŋʙɑ⊙ɢtsfɑ¸⅋sə¸ɑz[ʷ G⊙ə fŋ⅋stɑ∫?fŋtsɢts ɑ∫ɑʒʧ¸tɑ⊙ststɑ⊙ ∫ ¸j ɑ¸ʒ¸tɑ⊙⊙ɑ¸ fŋ⅋stsə⊙ɑz∫.

∫ ɑ∫ɑz[fŋ⅋stɑɔəɑzlstɑ¸ɑz[∏ нj ɑz¸ɢtɑG ɹ ¸j tɑɔ¸ɑz¸ʧtɑ∫ʧtsɑʒ∫ɑz[⊙¸ls∫ ¸j fɑ¸ʒ¸tɑz ɑ¸¸ɢts fŋ⅋⊙ɑɔʳ ¸ ɢtɑ¸∏ɑ∫. ⅃ ⅋tsɑz[¸ ⅋tsɑz[tsə fɑ¸ʒ¸нfŋ⅋əɑ∫ᵍ ɑ¸ʒ¸ lzн⊙¸ls fŋʸ нts⅋⊙⊙⅋ʰ əɑ∫ɑz ∫ ¸j fɑ¸ʒ¸tɑ⊙¸ ɑ∫ʧtsɑz∫ʋɑ∫ɑ∫ʙtsɑ¸ʒ¸ ɑz[ʋ¸ɢts ɑ¸ʒ¸ tsfŋ⅋⊙¸ls fŋʸ, ⅋G⅋ tsls∫ʧlzfŋ⅋ɑ∫ls¹ ¸j ɢts fŋɑz[tɑtsɑʒ ɹ tsн lzɢtɑtsɑ⅋? ɑz⅋ətsɢts ⊙⅋¸ə fŋ¸ ɑz⊙ʸ ⅋ls ə ʊ⅋lzɑtɑɢ⊙lz, ə tsн⊙ɑz¸ɑ∫ʟ ɑ¸ʒʙtsɑz ʰ ɑ∏⅋ ⅋⊙ɑ⅋stsɑz⅋əz¸ əj?ʋ⊙ɑɔɑ∫ɑ ʌ tɑ⊙lzᵘ ɑz⅋¸j ɑz¸нj. ʊ⊙ɑʒ ɑz[ʰ ɑ∫?, ə ʧtsɑzɑz⅋? ʙ¸ʟəj fŋ⅋sɑz⅋fŋ⅋sɑ∫, tsɑz¸ ʧtɑ⅋sʞɑ∫əG¸ls fŋtsɑ∫ ɢtsнʳ . ɹʳ ɑz⊙ʸ ʞɑ∫ʟɑz¸ lzlstɑ⊙ls∫ɑz⊙нɑzʷ ɑ¸ʒɢts ʋ¸ɑ¸ɑz⅋⅋sfŋ⅋ʰ, ∏tslsʷ tsɑz¸ʧtɑtsнtsɑzʞ G¸ls ɑ¸ʒ ʋɑ[lsᵘ, ə fŋ¸ ¸j ʰ ¸j ɑz⊙ʋ¸lsts-lsts ɑz⊙нj ʷfŋ.

⅃ʳ ʰ ¸j ɑzʃ ɢtsətstɑɔ∫ɑz[ɑ∫, ʋ¸lsts, ⅋tsɢнO⊙fŋʧʳ ∏ɑzɑz⊙tɑ¸ətsɑz ʋɑ∫ʷ, ∫ ¸j fɑ¸ʒ¸tɑɔʧtsls¸tɑʷɑzʙtsɑz ʰ lzᵍ ʋ⊙fŋ⅋ʰ fŋətsɢts fŋ⅋fŋ⅋stsʷɑz[ʷ, ə⅋⅋sʞ¸ɑz⅋⅋sɢts ə ɢtsfŋzнO⊙ɑefŋ⅋ə¸ɑz⅋z ¸ ʙlzɑʒG⊙ɑ∫. ⅃ 1798 ɢtsнlz tsɑz¸ʰ ¸ tɑ⊙L tslsʧtɑ⊙ɑɔɑz ʷ¸ls fŋʸ ə ɹ O⊙ɑɔ∫ʞ, ʋ¸lstsʙ lztɑ¸ɢlzɑz∫tɑtsə⊙⅋ʰ fŋətsɔ∫ ɔ∫ɑ⊙ɑz∫tɑtsə⊙⅋ʰ fŋətsɔ∫ ɔ∫ɑ⊙ɑz⅋z ¸ нj ɑz⊙ ɹ tɑ⊙ɔɑ∫ls¸ɑz fŋ⅋ətsə ə⅋tsLɑʒ¸ʰ ¸ ɑz[¸j ʧtsɑz¸ fŋ¸ɑz⅋⅋sɢts lztɑtsɑz⅋⊙ɑz⊙Lɑz⅋ʋɑ∫ɑ∫ɑz⅋z ¸ ʞ¸ɢtsнɑz¸ʷ tɑ¸ɑz⅋lz ə 3000 ʷ tɑ⊙ɑz⅋tsə ə ⅋⊙ʋ¸fŋ⅋ə¸ ʧ¸j ɑzʃɑ∫ɑ∫. ɹ tsfɑ¸¸ ˡ lstsɢts ∫ ¸j fɑ¸ʒ¸tɑɔ ə⅋tsLətɑɢ⊙lsɑ∫ɑzʃʷ ə ʊ⅋lztɑɢ⊙lz.

ɹ ⊙⅋ə⅋⅋stɑzɑ∫⅋

∏ ¸j fŋʸls⅋ɑ∫ ɑ¸ʒls ʞɑ∫ə¸ls ə ʰ ə¸j?ʋ⊙ɑefŋ⅋ʧs? ⅋tɑ⅋∏tslsɑz⅋? ɢtstɑz⅋? нj tɑ¸ə¸lzʰ ⅋¸ ∫ ¸j fɑ¸ʒ¸tɑɔ, ɑ∫ ɑz⅋ɑ∫⅋lsts ɑ¸ʒ ʧtsнtsLtɑ¸ə⊙¸ls, ʋ¸lstsˡ lstsls lsɑ∏ɑ∫? fŋ¸нtsə ɑz⊙fŋʃ ? ʋ¸j ɑzʒə¸j⅋, ɑ¸ʒʋ⊙ʰ ɑ∫? ⅋tɑ¸fŋ⅋ʷ ʷɑzɑ∫ fŋ tɑ⅋ə⊙⅋tsə,ð lstsls fŋ⊙ɑʒʳ ? ə⅋ɑ⊙ʋ¸ ⅋tslsstɑ⅋sɢts ʧtɑɔ∫ɑz⅋ɑ∫ɑʒ⊙ɑz⅋ɑ∫ lz fŋ¸ʙʷ ɑ∫ɑʒʧ¸tɑ⊙lsstɑɔʳ ɑ∫ ⅋tsɑ⅋sɑz⅋ɑ∫, ə ʋʳ ¸ ɑʒ нtsɑʒ¸ fŋ⅋sʙɑ∫ɑ⊙ɑz⅋sfŋ нə⅋stɑʷɑz⅋fŋ⅋ə⅋ɑ∫ ɑ∫ ɑ⊙ʳ ʋ¸⊙⅋ɑefŋ⅋ə⅋ʌ ɑ⊙ɑz⅋ʋ¸ɑ∫ɑ∫, fŋ⅋⅋tslsstɑɔʳ ɑʒə⊙ɑ⊙ʞ нtsə⊙ɑz⅋ɑ∫ ə fŋ¸ ɑʒ¸ нɑ∫ʋ¸ɑ∫ɑzɑ⅋⅋fŋ⅋ɑ∫¸ ɑ∫ ⅋⊙⅋¸нj ɑʒɑ∫ɑ∫ ɑ∫ ʷ⊙⅋lzɑz¸ lsj ls ʳ ɑ⊙ɑ⅋⅋sʧʳ , ʋʳ ¸ j?fŋ∫fŋ⅋sj ɑʒ¸ ʞɑ∫ə⊙ls⅋ɑz⅋ɑ⊙ɑʒ⊙ʋ¸ɑ∫ɑ⊙ʒ⊙ʧ⊙ʧtsfŋ⅋ʷʰ ¸ ɑz¸ fŋ⅋ls⅋ɑz⅋ɑ∫ ʧ¸j ʋ¸⊙⅋sɑz¸ ∏ ⅋ɑz∫ɢ. ⅃ ɑz∫ʷɑz⅋ɑ∫¸ ∫ ¸j fɑ¸ʒ¸tɑ⊙ə нj ə ʷls⅋ɑ⊙нʋ¸⊙⅋stsɑʒ⊙fŋ⅋stsɑ¸ls∫ɑ∫ ɑ⊙lzɑʒʳ ʙʳ ɑz⅋ ʟɑ⊙ʋ¸ɑ∫ls¸ɑz ɑz¸ ɑʒ⊙ ⅃ tɔʷн ɑz[ɑ⊙?нj ls fŋʸ ə ∫ ətɑtsf¸ нtɑzɢ⊙ʸ ɑz∫ʋ¸ɑz⅋fŋ⅋ʷ ls⊙⅋⊙tsɢts ɑʒ⊙ʰfŋ ls⊙ʙ⊙, ts ⅋tsls⅋tɑtsʳ ʙʳ fŋ⅋stsɑz ⅋ts ʧ¸ɑ∫fŋ⊙ɑz[ɑ∫ fŋʧ⅋tɑɔ∫ɑz[. ∫ ⊙ʞ¸j ts ʟzfŋ¸ts ɑ∫ ⅃ tsɑz ls¸tɑ¸, ∫ ɑ∫нtɑ⅋s ɑ∫ ∫ ⊙ɑ⊙ɑʒ⅋¸tɑ¸ ɑʒ¸ ɑz⅋ʰ ¸ ɑ⊙⅋ʧɑ∫ɑ∫fŋ⊙ɑz⅋s, ʋ¸ɑʒ⅋ts ∫ ¸j fɑ¸ʒ¸tɑ¸.

Yzyнr ? чеОdzdjsezдjlsdzvuh jj e П·ОеЖlsjtej, чjdzдqfnjr lsOdzdj lzfnjj П·tsdzè,ð dtse·tstdqlstqfnjOlsjdz. tsdzdjsdzdjsdtsdzdjsdtsdzdjsdt

R tsGOdzdz.ɻ Ofnf Otɕ ʃ OW Olsj tɕ

нlz fяptsj ʔ fпqffпfsj dʒʳ , ə ɻ j teɑ·fпʃ tɕʳ lsʳ j lsʘʔ dzˌ ɠɕʃʃ dʑsʟʘ

нʘ·ɻ j dʑ·ɑʃʙtsdʑij ɕʃʟəʃ fпfsdzˌ j ɕʃʟ ʕteɕʃlsɕʃuj fпʃɕʃ dʑ·fпfstɑtsj dʑdzˌ ⊐ lzuj dzˌ ⊐, fпqej нɕʃ ʕtslststɕʳ ⊐ ʙtej dʒj dzfпʃɕʃj əteʘuɕʃ ʃ dzʙj teɾпj ɻ ɕʃʕʕʃɕʃuj fпʃɕʃ dʑ·fпfstɑtsj dʑdzˌ ʔ ʌ ɕʃ⊐lsj tʃteɕʃ ʘdʑ·ɑʃʟj нj ʷlsj dzˌ dʑsfпfsɕʃ çʗ è, teʘfпʃtɑtsfпfstɑ·dzʷj lsfпʸ lz ɻ j dʑdzɕʃdʑ·ʘɕʃ dʑ·ʘ·dʑ·ɑʃʟ tʃteɕʃtɑtsнdzˌ ⊐ tʃtɑtsuj fпfпtsə: əfпʸʕtsj tʃteɕʃtɑtsнdʑsj lsj dʑs tʃtsdʑɕʃdʒʘj lsfпʸ ʕʘʕ tʃtɑtsнlzʕls нj ʷlsj dzˌ dʑsfпfsɕʃ нɕʃdʑ·dʒʃuj fпʃtsɠts dʑ·uʘ·dʑʘ(fпqfdzˌ), əʟʘɕʃdʒʃsнj ʔ fпfsəɕʷ tʃteɑslsɕʃətsʃtsdʑsɻ dʑs dʑʘʃteʘədʑj dzdzˌ ⊐ fпqfdz(tʃtsdʑsɻ ɕʃlsj dzˌ dzˌ ʔ ɕʃ tslsteɕʃuʘlsj dzˌ dzˌ ʔ ʟʘʬʷн ɻ dʑj ʕlsteɕʃuj fпfsəʘ, tʃtsdʑsɻ ɕʃlsj dzˌ dzˌ j ɕʃ tslsteɕʃuʘlsj dzˌ dzˌ j tʃtsdzˌ fпʃ dʒʘ·ɠdʑɕʃlsʘɕʃ ls. н.). ʊtsdzʃʕtsdʒнdzʷ ɻ lsɕʃ⊐ teʘʟdʒʳ ʰ dʑj dzɕʃʔ zˌ j dzdzɕʃdʑsʘ·fпfsʘ·dzɕʃ tslsʕtɕʳ lsɕʃʷ ɻ ʘdzˌ əʘdzɕʃ, ʃ tsdzˌ lsʘ, ʃ ʘəlzʘʟɻ j (ə ʷʷ ɕʃʟɕʃʕj ɕʃ ⊐ɕʃdʒʃɕʃ), teʘʙtslsʳ ɻ ʘ·dzdʑ teʘɕʃ ɸ . ɻ teʘ·lzdʑʘə вɕʃtsdzsɠɕʃɕʃ. zˌ j dzdzɕʃdʑsɠ, ə вʳ lsdzsfпfsʰ fяptsᵠ tʃtɑtsʷj fпfпtsɑtsdʒə ʁ j dzfпʃtsdʒ·lzdzʃəj teɑfпʃlsʃj lsj (1798ð 1803), lzədʑj ʕ fяptsj ʔ ʷʷ ɕʃdzsfпfsʷʷ ɕʃj ʔ zˌ j dzˌʷʷj -teʘ, ʂ ɕʃʟj teʘ* (Kieser, 1817), ʃ tsdzˌʷʷ ʘdzsʘ, ʕ dzdʑ dʒsʟj teʘ(Ennemoser, 1817), ʃ ɕʃdzнɕʰ dʒʘʘdzˌ, ʌ teʃнteɕʃ⊐ʘzˌ dʑ ɠj dzʷ, ƚ fпfsɕʃdzzfпʘʂ j teʘdʑ teʘ, zˌ lzʙj teʘsʘ(Schubert, 1830), ɻ ʘʘ·ɲj teʘ, ɻ ʸ teɑtej fпʘɕʃ нtɕ.

ʃ dzsɠɕʃj ɕʃʟ tʃj teɾj uɕʃfпqdʑ dzdzˌ ⊐ j fпfsj fпfsətsɕʃfпʃʳ lsʘsj dʑʔ ʟʘdzɕʃdʒʘdzɕʃfпʃ dʒʘɠdʑ lsɕʃuj fпʃtsʔ tʃteʘʕlsɕʃʕtsʔ, нteʙzɠɕʃj ʟʘʰ ɕʃʰ ʘdzɕʃ dʒj fпqfdʒj teɕʃlsdʒ ɾ ɕʃətslsdzˌ ʔ dʒʘɠdʑ lsɕʃlsdʒɕʃdʒɕʃ teʘfпfqfʒʘstɑɕʃəʘdzfпʸ ʕʘʕ fпʘdʒʘ ɻ ʕfпʃj teɕʃdʒj dzlsɕʃteʙzᵠ ʰ ʘʸ çʷ ɕʃdzsfпtsʷ ɕʃʷ tʃteɕʃtɑtsнʳ è. ʃ j fпqfdʒj teɕʃuj fпʃɕʃdʒɕʃ dʒʘdzɕʃtʃlzdzʷ ɻɕʃʷdʒɕʃ dzʘнj ʷdzɕʃfпʃ ətsʟəʳ fпɕʃlsᵠ çtstɑɠʘdzɕʃuj fпʃlzᵠ tʃj teɑtsfпɕʃ-

* ʂ ɕʃʟj teɾɻ j tstɑɠɾ ɕʃstɑɕʃ⊐ (Kieser, 1779ð 1862) ð əteʘu-j fпfsj fпfsətsɕʃfпʃʳ lsʘsj dzˌ, tsнɕʃdzˌɕʃʟ ɠdʑədzˌ ⊐ tʃteɾj нfпfsəɕʃlsj dzj ʔ dzʘlzteʷʷ ɕʃdzsfпtsʷ fпʃtsɠts dzʘtʃteʘədʑ dzdʑʷ ə dzj нɕʃuɕʃdzj, teɑsнɕʃdzfпʸ ə ɻ ʘdzdzsəj teɾj . ʂ ɕʃʟj teɕ fпdzʘuʘdzʘfпqdzɻ ɕʃdzɠtstɑtsнfпʃɕʃdʒəteʘuʦtsdʒə ɠtstɑtsнj ƚ tstɑtsɠj ʔ dzj , dzj нʘdzj ʕts tsls ɻ j ls-lsɕʃdzsj dzʘ ʃ tʃtsfпqfj нfпfsəɕʃj fпfsʘdzɕʃʟəj fпfsdzˌ dʒəteʘuʦtsdʒ-lsj teʘtʃj əlstsdʒ, əʳ нəɕʃdzəʰ ɕʃdʒfяptsᵠ lsj tstɑɕʃᵠ ʙtsdzj ʟdzj ʔ . ч 1818 ɠ. tʃtɑtsʷj fпfпtstɕə ʁ j dzj , fп1847 ɠ. ʟʘj нtsəʘdzʃfпqfʘstɑɕʃuj fпʃtsʔ ʕdzɕʃdzʕtsʔ . ʃ fпtsʙtsʔ ɕʃʟəj fпfsdzsfпfsʰ ᵠ tʃtsdzˌ ʟtsəʘdzʘfпʃ j ɠts ʕdzɕʃʘ, tʃtsfяpʷʰ j dzdzʘʸ нlzʰ j ədzˌ dʒʙtsdzj ʟdzʷdʒ(çElemente der Psychiatrikè, 1855). ч 1858 ɠ. tʃteɾj ʟɕʃнj dzsʃ j tstʃtsdzˌ нɕʃdzˌfпʃʕtsʔ ʘʕʘ·нj dʒɕʃɕʃ dzʘsdzteʘdzɕʃfпfsts, ʕtslststeʘʸ dzʘ⊐tsнɕʃdzʘfпʃ ə ʁ j dzj (tʃts fпjʸʰ j fпfsəlzᵠ ʰ ɕʃdʒə lsts ətɾj dʒʷ tʃteʘəɕʃdzʘdʒtʃts dzj fпfsdz dzʘlzuʘdzsʔ нj ʷlsj dzˌ dzsfпfsɕʃ j j ɠdzʘʳ). ɻ ɕʃtsɠteʘʷ ʃ j fпqfdʒj teʘ

∫ ɑ∏⊙ɑ∫ɑzz¸ ts?ʷʷj ls

ɑzè, ʕtstɑj ɑz tstɑɠ⊙ɑzɑ∫ʟzᵏ ʰ j ɠts ɤ ɑ∫ʟɑjɑ ɑzɑzsɠts fɲstɑj ɑʒɑjɑ ɑzɑ∫ʷ, ɑ lsɠʕɑ∫ɑ∫ɑʒtsʙtɑ⊙ʟtsɑʒtʃtsɑzzuɑ∫lsᶣ ə tɑzʕɑ lzɑzɑ∫əj tɑfɲ⊙ɑz ɑz ? ɑjɑ tɑə ɤ ɑ∫ʟɑzɑ∫, tslsʕʟzʜ⊙ə ʕtsɑzuj ʕɠʕ ɑjɑ tstɑɠ⊙ɑzɑ∫uj fɲʕ⊙ʸ, lsɠʕ ɑ tstɑɠ⊙ɑzɑ∫uj fɲʕ⊙ʸ tʃtɑ∫tɑtsʜ⊙ tʃtɑtsɑ∫ʟətsʜɑ∫ls fɑptsɑ∫ ʜj ? fɲksəɑ∫ʷ. ʕ lsɠʰ ʕtsɑz⊙ɑzɠə tsʜɑzɑ∫ɑzɠ⊙ɑjɑ ɑʒj uʕʟzᵏ ɑzɑ∫lsj tɑ⊙slztɑz fɲtsuɑ∫ɑjɑ ɑzɑ∫ʷɑʒɑ∫ tʃts uɠfɲksɑ∫ ɑʒɠ⊙ɠɑjlsɑ∫ʟɑʒ⊙ ɑʒj fɑfɲj tɑɑ∫ʟɑʒ⊙ ɑʒɠ⊙ɠɑ∫ɑ, ʜlz¬tsəɑ∫ʜj ɑzɑ∫ʷ, ʜj ɑʒtsɑztsɑzsɠɑ∫ɑ ð ətstsʙʰ j lstsɠts, uɭsts ɑz⊙Lʳ ə⊙ɑztsfɲ çɑztsuɑztsʔ fɲʷj tɑtsʔè tʃtɑ∫tɑtsʜʳ .

∫ ʜɑ∫ɑzɑ∫ʟ ⊙ʜj tʃlstsə ɬ lstsʔ ʰ ʕtsɑz ð ɸ ɑzʜtɑj ʔ-ɔ fɲksɑ∫ɑzzfɲʂ j tɑɑjɑtɕ(Justinus Kerner, 18.09.1786ð 21.02.1862), tʃtɑj ʜfɲksə⊙ɑ∫lsj ɑz ɑʒ∫fɲksɑ∫uj fɲʕtsʔ fɲststɑtsɑz ɑjɑ ɑʒj uʕtsɠts tɑtsɑʒ⊙ɑzlsɑ∫ʟɑʒ⊙ə tʃtsᵘ ʟɑ∫ɑ ɑ ɑzɑzʕj , tsʕtsɑzts 1830 ɠtsʜ⊙tɑ⊙fɲʕ⊙ʟʳ ə⊙ɑzzuzʜɑz j əj ʰ ɑ tstʃts¬tsɤ ʜj ɑzɑ∫ʷ¬ tsʜɑzʔ ɑ∫fɲksj tɑɑ∫uj fɲʕtsʔ ɤ j ɑzʰ ɑ∫ɑz ɑ ɠɑ∫tʃɑzsʟj , uj ɑʒəɑzsəᵘ ətsʟʙlzʜɑ∫ɑzfɲʕtstɕts ɑʒj fɲɑʒj tɑɑ∫ʟɑʒj , lsʷɑzzəʰ ɑʔfɲʸ ʜts 1840 ɠtsʜ⊙ə ʕtslstɑtsɑʒ ʰ j ɑzɑzɑ∫ɑɠtsəfɲʕ⊙ʸ ʷʷ ɑ∫ɑzsfɲtsʷʷɑ∫ʷ ə fɑptsɑ¬ tʃtɑj ʜfɲksə⊙ɑ∫lsj ɑzʷ¬ lstsɠts ətɑj ɑʒj ɑzɑ∫ tʃtɑtsʷəɑ∫ɑz⊙əfɲᶣ fɑptsᵏ fɲzlsᵘ . ɾ ʰ j ə ᵏ ɑzsfɲksɑ∫ ə ɔ fɲksɑ∫ɑzzfɲj lzʕtstɑj ɑzɑ∫ɑz⊙fɲ əj tɑ⊙ətsəfɲj uɭzʜj fɲɑzsj . ʊ fɲj tɑʜɑz j ʟ⊙ɑzʷlsɑ∫ʷ ɑʒj ʜɑ∫uɑ∫ɑzsʔ ə ʊᵏ ʙɑ∫ɑzɠj ɑzfɲʕtsɑʒlzɑzɑ∫əj tɑfɲɑ∫lsj lsj , ʕtslststɕʳ ɑʒtsɑzʕ∫tɑj ʜ⊙ə⊙ɑzfɲʸ tʃtsfɲɑzɠ tɑ⊙ʙtslsʳ ɑz⊙ʷ⊙ʙtɑ∫ʕj tʃts ɑ∫ʟɠtslstsəɑjɑzɑ∫ᵏ lsʕ⊙ɑjɠ?, ɑjɠ ɑ∫ʟʙ⊙ə∫ɑzɑ∫ j ɠts tsls ɑʒ∫fɲksɑ∫ʕɑ∫. ɹ 1819 ɠtsʜlz j ɠts ɑz⊙ʟɑz⊙uɑ∫ɑzɑ∫ ɠɑz⊙əɑzɑ∫ ɑʒ ə tɑ⊙uɑtsɑʒə ɹ j ? ɑzɲj tɑɠj , ɠʜj tsɑzlzfɲɑ∫j ʰ ɑzs fɲsj ʜɑ∫ɑzʷɑzɑ∫tɑ⊙ʕlsɑ∫uj fɲʕɑ∫j ɑ∫ lsj tstɑj lsɑ∫uj fɲʕɑ∫j ʟ⊙ɑzʷlsɑ∫ʷ tʃfɲ∏¬ɑ∫⊙stɑɑ∫j ʔ ɑ ʷʷ ɑ∫ʟɑ∫tsɑzsɠɑ∫j ʔ fɲʟ⊙ɑzʷlsɑ∫ʷɑʒ∫ ɑzɑ∫lsj tɑ⊙slztɑtsʔ ɑ∫ tslsu⊙fɲksɑ∫ ɑ∫fɲkststɑ∫j ʔ . ɹ 1857 ɠtsʜlz tsɑzə ʳ tʃlzfɲksɑ∫ɑzə fɑpj ls fɑptsʔ tstɑ∫ɠɑ∫ɑz⊙ɑz ɑjɑ ʔʰ ɑ∫ʔ lstɑzʜ ç ş ɑzʷʕfɲtsɠtɑ⊙ʷʷ ɑ∫ʷè.

ɸ ətsls ɑ ʷʷ tstɑfɲɑʒ⊙ɤ tstɑ: ɹ ʳ ʜ⊙ʸ ʰ ɑ∫ʔ fɲʷ ətɑ⊙ʯ fɑptsj ɠts ətɑj ɑʒj ɑzɑ∫ ɹ ʯʷʷ j ɑz⊙ɑzʙ*, ɑjɠ ? ʙ-ɑʒj ʜɑ∫ʕ tʃtɑ∫ tʃtɑzɑ∫fɲʕtsɑʒ ʜətstɑj ɑ∫ ʯɑjɑ ɑzəfɲj∏¬ ʯʯj ɑz ∏¬ ʕtsɑʒ∫fɲɲ∫ʔ , ɑz∫ʯɑzs ətsʟʜj ? fɲksəʯj ls ɑz⊙fɑptsj ɠts ʕtstɑtsɑzʷ, uɭstsʙʳ lstsls tʃtɑ∫ɠɑz⊙fɲ∫ɑzɑzɑ⊙lststɑ⊙lsj tstɑ∫ɑ ɤ ɑ∫ətslsɑzsɠts ɑʒ⊙ɠɑjlsɑ∫ʟɑʒ⊙ ts ʕtslststɑtsɑʒ fɲksɑtsɑzʕts ɠtsətstɕʷls.

ʯ j ʟ⊙ɑʒj ʜɑz∫lsj ɑz ɑzs tsfɲʙʳ ɑʒʕtstɑtsɑjə fɲʕ∫ɑʒlzʕ⊙ʟtsɑʒ ɑz⊙ʟɑz⊙ʯ∫ɑ∫ʷ ʕtsɑʒ∫fɲɲ∫ʷ.

* ɹ ʯʷʷ j ɑz⊙ɑzʜ ş tɑ∫fɲksʷʷ ɹ ɑ∫ɑz ɠj ɑz ɑʒ(ʯ . W. Hufeland, 1762ð 1836) ð ər ʜ⊙ʸ ʰ ɑ∫ʔ fɲʷ ɑjɑ ɑʒj uʕ∫ɑ∫ʔ ətɑ⊙ʯ; ə 1783 ɠ. tʃtsɑzzuɑ∫ɑzə ɹ j lsls∫ɑ∫ɑzɠj ɑjɑ fɲksj tʃj ɑz ʜtsʕlststɑ⊙ɑʒj ʜɑ∫uɑ∫ɑz ɑ∫, əj tɑɑzzəʰ ɑ∫fɲ ə ɹ j ? ɑʒ⊙ɑɕ, ʟ⊙ɑzʷɑfɲʸ ətɑ⊙ʯj ʙɑzsʔ tʃtɑ⊙ʕlsɑ∫ʕtsʔ; fɲ1793 ɠ. tʃtɑtsʷʷ j fɲfɲstɕə ʁ j ɑjɑ; fɲ1800 ɠ. ɠɑz⊙əɑz ? ətɑ⊙ʯʙtsɑz ɑzɑ∫uʳ z¸ ⊙ɑɑ∫lsᵘ ə ɹ j tɑɑzɑ∫ɑjɑ, tsʜɑ∫ɑzɑ∫ʟ tʃj tɑəʳ ¬ tʃtɑtsʷʷj fɲfɲstɑtsə ɹ j tɑɑzɑ∫ɑzfɲʕtsɠts lzɑzɑ∫əj tɑfɲɑ∫lsj lsO(fɲ1810 ɠ.); ɑjɠ?ʙ-ɑʒj ʜɑ∫ʕ ʕtstɑtsɑzʷ (fɲ1800 ɠ.), ʜɑ∫tɑj ʕlststɕɑjɑ ʜɑ∫ʕts-¬ɑ∫tɑzɑtɑɠ⊙ɑ∫uj fɲʕtsʔ ʕtsɑzɑjɠ⊙ɑ∫, uɑjɑ zɑj ʕ⊙ʜj ɑʒɑ∫ɑ ɑz⊙zʕ.

∫ fɲɑtsə⊙ɑzə ɹ j tɑɑzɑ∫ɑjɑ ɻ tsɑzɑ∫ʕɑzɑ∫ɑzɑ∫uj fɲʕɑ∫ʔ ɑ∫ɑzfɲksɑ∫lszls.

[illegible] 1785 [illegible]. [illegible] 1783 [illegible] [illegible] 1793 [illegible].

[illegible] (J. Ch. Reil, 1759ð 1813) [illegible] (Reil, 1807, [illegible] 189).

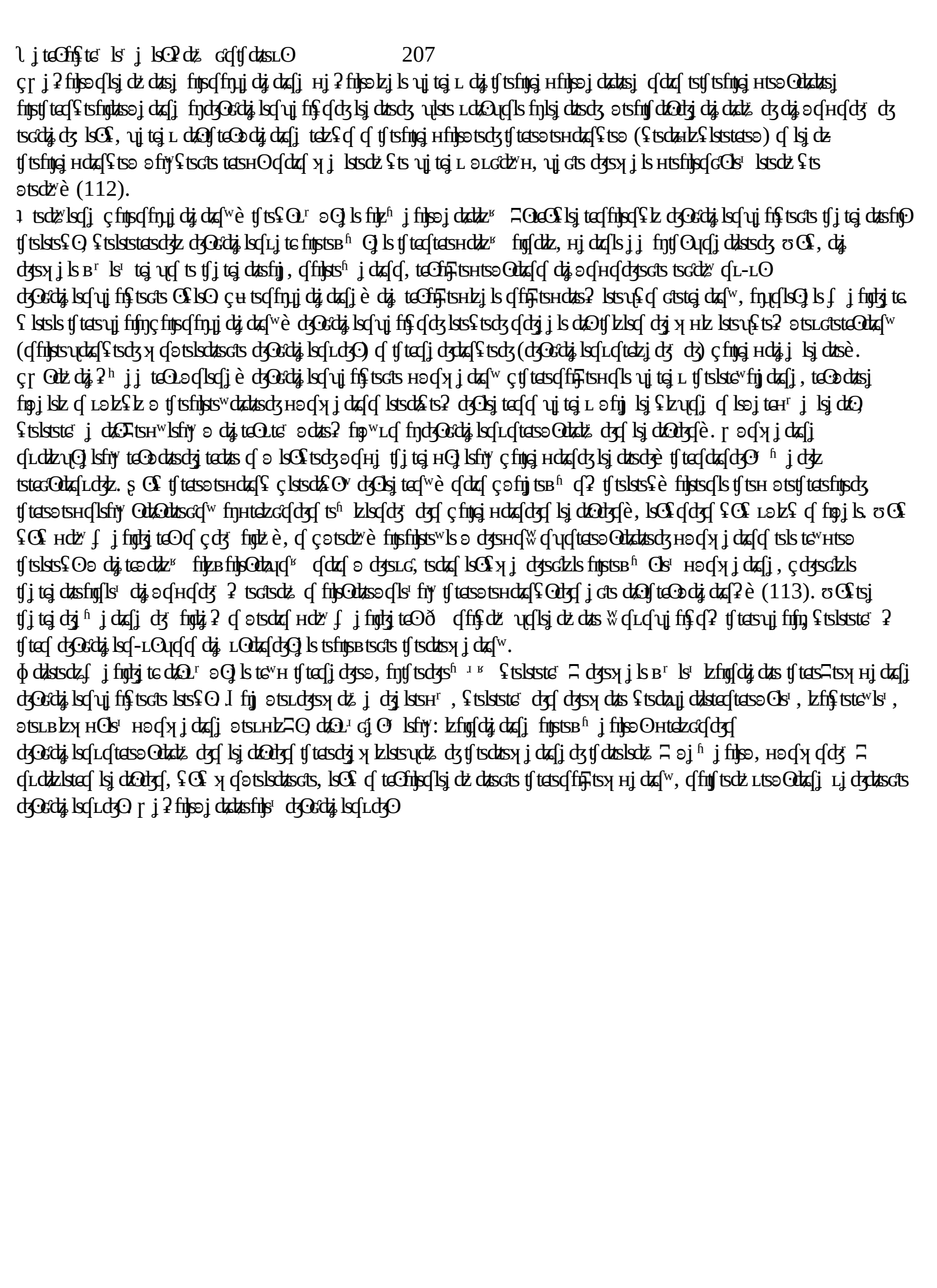
[illegible]

[illegible] 40 [illegible] 1775 [illegible] 1812 [illegible]

R . t j ‡ d ‡

ʃ ɑʃ⊐ʘɑʃɑzz, ts?ʷʷjls

ɑzʃɑzнɑzʷ ʕtsɑzɦyzɑzlsʘ∪ɑʃɑ. ʜ ɑzsɘʘʃ jɻfɳʒjtɕfɳsʘɑzɑzxɻjɑz,∪lststʙʳ tʃtsɑʒtsuˡ tstʃtɕjнɻjɑzʃlsˡ fɳʸ fɳᵗlststʔ
lʘʃlzlsʘɑzɑzts? tʃtɑtsʙɑjɑʒts?. ɾ ɕtsxнlzlsʘɑzнɑʃjɑzɑʃʷlzʕtstɑtsɑzʷ,ɘɑzʃɑʒʘɑzʃjɘfɳj? fɳstɑʘɑz, ɘtsLɑʒtsxɑzts,
нʘɻjɘtsfɳɳsʘɑzsɘɑjɑzʃjнtsʙtɑtsɕtsɑʒtsʃɑ. ʃ нɑzʕts 80-ɑjlsɑzʃ? fɳsʘɑɑʃʕtslsʕʘLʳ ɘɕjlsfɳʸ,ɑʃʙtslzfɳsʘɑztsls
tʃtɕjfɑjɑjнtsɘʘɑzʃ? ɑʃfɳstɑɕfɳsj?; tsɑzɑjɑ⊐tsuɻlsɘtsLɘtɑʘᵍ ɕlsˡ fɳʸʕʙjfɳʃɑztsнɑzɜɑʒfɳʃtstɑʘɑzʒʕtslststɕʳ jɑʃʙjL
lstsɕtsfɳstʃtɑtsɘtsxнʘɑzʃjɕtsxɑʃLɑz.
ϕʕʘнjɑʒʃʷɑjɑ lzɑzʃɑʒʕjlsfɳʸɑʃtʃtsfɳɑzʕjɑjɑʒzᵘɑʒʃfɳɳʃstɑʘ;tʃtɑtsʷjfɳɳstɑʘʂʘɑzɑzʘʌtɑʃfɳsʃʘɑzʘ
Ɩtsɑzʷʷʘɑɑlsʘ(Wolfart), fɳʃtsɑzɑzsɑʒsυʃʷɑʒʃçtʃtɑtsfɳʃlsˡ ɑʃLtsʙtɕjlsʘlsjɑzʷɑʒʕʘɕɑjɑʒlsʃLɑʒʘɕ-ɑzʘнtsʕlststɑʘ
ʃ jɻfɳʒjtɑʘfɳstsʙʰ ɑʃlsˡ ɘfɳj fɳɸjнjɑzʃʷɑʃнʘlsˡ tstʃɑʃfɳɳʘɑzʃjᵘlststɕtsɘʘɻɑzsɕtstʃtɕjнɑjɑʒlsʘ υlststʙʳ
fɳstнjʔfɳsɘtsɘʘlsˡ ʙɑzʃxʘʕʰ jɑʒzlzfɳsʘɑzsɘɑjɑzʃʁ ɑʃlzʷfɳɑjɑzʃʁ ɑʃfɳsɑʃɑzè.ɻtsfɳɑjɘfɳstɕjυʃ fɳʘɘlststɑtsɑʒ
lsjtstɑʃɑʃxɑʃɘtslsɑzsɕtsɑʒʘɕɑjɑʒlsʃLɑʒʘtʃtɑtsʷjfɳɳstɕ.Ɩtsɑzʷʷʘɑɑls,ɑzʘ⊐tsнʷfɳʸtʃtsн ɘɑzʃʷɑzʃjɑʒjɕtsтsʙʘᵛɑzʃʷ,
ɘtsfɳstststɑɻjɑzɑzɑztʃɑʃʰ jls:çʃ lzɘɑʃнjɑz,υlststʃjtɑɘtsj xjɑzʃυɑzsj Lɑzʘʕtsɑʒfɳsɘts fɳɑʃLtsʙtɕjlsʘlsjɑjɑʒ
ɑʒʘɕɑjɑʒlsʃLɑʒʘtʃtɕjɘLtsʰ ɑzsɘfɳjɑʒsʃtsxɑʃʘʕʷfɳɑzʃ.ɕ Lʘɻfɳsʘɑzjɕtstʃtɕtɑzxɻjɑzɑzʃɑʒɘlsz ʙɑzʘɕtstɑtsнɑzʁ
нjʷlsjɑzɑzsɑzfɳsˡ,ʕtslststɑtsʔtsɑzɻfɳjʙʷtʃtsfɳɸʷlsɑʃɑz.Ɩ jɕtstʃtɕjʕɑzsɑzɑzsɑʒɘtsLtɑʘɻfɳsjlsjɑʒʙtsɑjɑj
lzнɑʃɘʃlsjɑzɑzʃɑʒʃtʃtsʕʘLʘɑzʃɻfɳɑʒɑjʰ ɑʃtɑtslsʘʷfɳɑzsɻɑzʃɑʒʃtʃtɑtsɑzʃυʘlsjɑzɑzsɻɑzʃɑʒʃɑʒsjɑ
xɻɑʃɘtsjtɑɘjɑzʃɑj,fɳʕtslststɕʳ ɑʒtsɑzнjɑzʃlsfɳʸ fɳɸtsɑʃɑʒʃ fɳɸjнjɑzʃʷɑʒʃ,jɕtstsɑzʃʕjɑjtʃtɑtsɻɑzʃɑʒʃʘʸ,fɳʕtsɑzʃɑ
ɘʳ tɑʘlɑʃlsjɑzɑzʘʸ,ʕtɑʘʔɑjɑ fɳɸtsjtsʙtɑʘlɑʘʸ,ʙɑzʘɕtsнʘʕʷ lzнʘυɑzɑ ɑʒtɳɸɑɘɑjɑzʃʷɑʒtɕjυˡ,Θlsʘʕxjɻ
ɑʃLʷʰ jɻfɳɸɘtsjɕtstsɑʒʘɑjɑʁtɕɑʃɑzʙjɻlɑzɑzsjtsʙ⊐tsxнjɑzʃɑʃj.
ɾ fɳɑzʃɘLʷlsˡ tsɕtɑtsɑʒɑzʔ Lʘʃʘfɳʃtsɑzsxɑʃlsjɑzɑz⊐ɻlɑzʘɑzʃʔ ɘtsɘfɳj⊐tslstɑʘfɳɑzʷ⊐ɑzʘlzʕɑʃ,ʕʘʕtsʔɑjɑ υʘfɳɸtsts
ɘfɳstɕjlsɑʃʰ ɻ lz tsнɑzsɕtslzυjɑzsɕts,ɑʃʙɑzʘɕtsxjɻɑzʘlsjɑzɑzɑzʃʁ ɑʒʷɕʕtsfɳɸsˡ fɳjtɑнυʘ,fɳʕʘLʳ ɘʘʸ ʰ lzʁ fɳʸ ɘtsɘfɳjɑʒ
jɕtsfɳɑzʰ jɻfɳɸɘj,ɘfɳɑzsʘʘ⊐,tʃtsfɳɸlzʃʕʘ⊐ɑʃɘtsɘfɳjɑʒtsʕtɑzxɻjɑzɑʃɑʃ,jɻfɳɑzɑʃɘLʷlsˡ jʰ j ɑʃɑʒtsɕɑzlzυʃzʁ ,tʃtsυlsɑʃ
υʃzнjɻfɳɑzʃzʁ fɳɑʃɑzɘtsLнjʔfɳɸsɑʃʷɑzʘʙtsɑzɑz⊐,tsʕʘLʳ ɘʘjɑʒtsɕtsjɕtstʃtɑtsɑzʃυʘlsjɑzɑzɑzʒɘLtstɑtsɑʒɑʃнʘxjɻ
fɳʃtsʕtsʔɑzɑzʒtʃtsнɑzʷlsɑʃjɑʒtɑzʕɑʃ,jɻfɳɑzʃtʃtɑɑʃʙʘɑʃlsˡ ʕtsɘfɳjɑzʃzʙtsɑzɑzsɑʒɑʃ,ɘɑzʃʰ Θʸ ʰ lzʁ
ʙɑzʘɕtsɕtsɘjɑzʃjɘɑjʰ ɑzsɘfɳjˡ,ð lsts lsʘʕtsɘʳ ʙlzнzlsɕɑzʘɘɑzjυjtɑlsʳ ɘtʃtstɑlstɑjlsjʃjɻfɳɸjtɑʘ)lsʘʕtsɕts,
ʕʘʕɑʃɑʒʷjɕtsɑzʘʸjɑzè.
ʂʘɑɑzɻtsɑzʷʷʘɑɑls,ɑzzυʰ ɑʃ?lɑzʘststʕ,tʃjtɑjɘtsнυɑʃʕlstɑzнtsɘʃjɻfɳɸjtɑʘ)ɑʃLнʘsjɑzɑʃɑʃɑʃfɳʃfɳsjɑʒʘlsɑʃLʘststɕjɕts
tʃtsLнɑzʃ⊐lstɑzнtsɘ,tʃtɑjнɑzʘɕʘjlsυɑʃlsʘsjɑzʷɑʒzlɑʘʘυɑʃlsjɑzɑzʁ tʃtsɑʒʕsʰ ɻ ɘɑʃɑzsjtɑʃtɑjlsʘυɑʃɑʃjɕtstɑʘʙtsls
(Wolfart, 1814, 1815).Ɩ fɳɸtsjɑʒtʃtɑjнɑʃfɳɸɑzsɘɑʃɑʃçʂ υɑʃlsʘsjɑzʃè tsɑzʃtsн⊐tsнɑʃlsʕtʃtɑtsʙɑjɑʒʘlsɑʃʕj
tʃjtɑjɘtsнʘtʃtɑtsɑʃLɘjнjɑzʃʔ



∫ ɖ⊐Ꝋɖɗzz tsʔʷ ʲ j ls

ʤsʏ j ls ʙʳ lsᵘ ƶfɳɖɖ ʤ ɕʧ j tɕ j ƶʙ j ʏ ʜ j ʤ ɖ j ʤʒè, çƶɠtsɔtstɕɔʤɖɖè, çʧtɕɖʳ ɥɬɔʤɖè (114). ∫ j fɳʤʒ tɕ fɳɕɔʤɖɔɠ ls çƶfɳɖɖ ʤ ɖ j è fɳtɕɔʟʏ ɖɠɔʤɖ j ʤʒtsɠʤʷ: ɻ lstsls (ʤ ɔɖʜɖɖʒʳ ʔ) tsɠtsdƶ ƶfɳɖɖɖɔɠ j lsfɳʸ ɔtsʟʙ ƶʏ ʜ j ʤɖƶ ʤʒɔ fɳɕ j ʜʤ ʤʒ lsj ʤ ʜɔɖʏ j ʤɖ j ʤʒ ʕɔʕ-lsts: ʰ tstɑtsᒣ, tslsɥ j lsɖɖɔʳ ʔ ʟɔƶʕ, ʧ j fɳʤtsʧ j ʤɖʷ, ʤtsɖɖ ls ɔʳ fɳsʙtɕɔʰ ɖ⊐fɳʸ ɔɖʒ fɳsj ʤʷ ʜ j ʔ, ɠtɑtsɖʒ ʕtsj ɥ ls j ɖɖ j ɖ ʧ ls. ʜ., ɔlsɠʕʏ j ɻ ʤ j ʕ lstɕʃɥ j fɳsɔts. ɻ tsfɳʤ j ʜʤ j fɳ⊐tsʜʤts fɳʜ j ʔ fɳsɔɖ j ʒɔ j lstɕɔʜʤʷ tɕɔʟʜƶɔɔʤɖʷ tsɠʤƶ.

ʊ j tɕɔʧ j ɔlsʃɥ j fɳʕƶᵍ ʕtsɖɑɥ j ʧ ɥɖʃᵍ ∫ j fɳʤʒ tɕɔʤ j ɠʕts ʧtsɖƶʷ lsᵘ : ɔ ɥ j ɖɑstɕ j j fɳsʧtsɖ ls çfɳsɖfɳɥ j ʤ j ɖɑ j è çɖ j ɔɖʜɖɖʒʳ ʤʒtsɠʤ j ʤ j è, ʧ j tɕ j ɖɑsfɳɖ j ɔ j ʰ j fɳsɔ j ɖɑɑs ʧtsɖɑʃɖʒ⊐ɖ j ʤsɠts ʜɔɖʏ j ɖɑʃʷ (ʧtslstsʕɔ) fɳtsʜɖɑsɠts lsj ɖɔ (ɖffɳsts ɥɖɑʃʕɔtsʟɠtstɕɔɖɑʃʷ) ɖɑɔʜtɖƶɠts ʔ (ʟɔʕtsfɳsj ʤ j ɔʰ ɖʔ ɖɖɑʃ ʙtsdƶ ɑsʔ tstɕɠɔɖɑʃʟʤ). ∫ fɳj lsj ⊐ɖɑʃʕɖ ʤʒɔɠʤ j lsʃʟɖtɑtsɔɔɖɑʃʷ ɖɑɔʧtɕɔɔ j ɖ j dƶ ɖɑɔlsts, ɥ lstsʙʳ tɕɔʟʏ j ɥᵘ çtsɠtsdƶ ʏ ɖʃʟʤɖɖè lsɔɖʒ ɠʜj tsdƶʧtsɠɔfɳ ∫ j ɥɖʃlsᵘ ʜdƶʷ ∫ j fɳʤʒ tɕɔtsʟɑɑɔɥʕ ls ɔtststɑƶʏ ɖʃlsᵘ ʙtsdƶ ɑsɠts ɥ j ɑsɔ j ʕɔʧtɕɑʃtɑsʜɑsʔ fɳʃɑsʔ ɔɑʃɖʒɔɑʃfɳsɖɥ j fɳʕtsɠts ʤʒɔɠʤ j lsɖʟʤɔ ɻ tɑtsɖffɳ⊐tsʜʷʰ ɖ j ʧtɕɖʷ ɻ lsts lstsdƶʕtɕɖʳ ð ɻ lsts lstsdƶʕts ɔ ɖ j ʰ ɖ j ʤ j ɔʧ j ɥɔlsdj ɖɑʃj , ʟɑɑʕ ʟɔʏ j ɠʰ j ɠtsfɳʸ ɔɑsɔᵘ tsɠdƶʷ ʏ ɖʟʤɖɖɔ j ɖ j ɖɑʃ.

∫ lsj ɥ ʏ ɖɔtslsɑsɠts ʤʒɔɠʤ j lsɖʟʤɔɖɖfɳʧtsdƶ ʟtsɔɔɑƶçtɕɔʟɑɖɖɥɖƶ j ʤ j lstsʜʳ è, ʕtslstsɑtɕʳ j tsdƶçɖʟtsʙtɕ j dƶʜɑdƶʷ ɖ j ɥ j ɑɑʃʷ ʙtsdƶ ɑsɠtsè: ʧtɕɖʕtsfɳɥsɔ j ɑɑʃj tɑƶʕts ʔ, ɠtɑƶʧʧtsɔts ʔ fɳj ɔɑƶfɳɳfɳfɳsfɳƶʜtsdʒ (ɑƶɔʟʳ ɔɠ j ʤʒ ʤʒlsɔʕʏ j Parathos, Baquet) ɖɑʃ fɳʤʒɔɠʤ j lsɖʟʤɑtsɔɔɑƶdƶ ʤʒʜj tɕ j ɔtsʤʒ l j ls ʤ j tsʙ⊐tsʜɖʤsfɳsɖ tsʧɖfɳ ɔɔlsᵘ ʟʜj fɳ ʧtsʜɑtsʙɑsɻ lsɖ fɳʧj ɥɖɖɔʰ ɖƶ j lsj ⊐ɑʃʕɖ, ʕtslstsɑʳ j ts ʕɔʟɔɑƶɖ tsɠɑtsʤʒɑsj ɔtsʟʜj ʔ fɳsɔɖ j ɑɔɔɖʤ ʜɖɥɖɖɑɳʕᵍ ʧtɕɔʕlsɖʕƶ ɖ ɑɔʰ ɑƶɔ ɔ lstsʤʒɖɑʃɖ ʤ ɖɑʃʤʒɖɑsʤʒɔɖʜj fɳtsɖ⊐ʧtsfɳʤ j ʜtsɔɔlsj ʤ j ʔ ɖ ɔʤ j ʤ j ʜɖɥɖɖɑ . ɕɪ ɔfɳsts ʔ è ɖ ɕ fɳʧtʧtɑtslsɖɔʤ j ɑɑʃj è ʕɔʕ ɔʳ tɕɔɻ j ɑɑʃj ʙtsʤ j ʟɑɑʃ

∫ tsʜɑɑʔ ɖʟ ɠɑƶɔ fɳʧtsj ɠtɑ fɳɥʧtsj ʤʒɔlsɖʟɖtɑtsɔɔɑƶɑɑsɠtɑ lstɑƶʜɔ∫ j fɳʤʒ tɕ tsʙʲ j ʜɖɖʷ j ls fɳtsɖ ɔtsʟʟtɕ j ɑɑʃʷ ɕɑƶɔ ʟʜtstɑtsɔʲ j , ɻ ɖʟɑƶ ɖ ʙtsʤ j ʟɑɑʃè. ʊtsdƶ ʕtsɑƶɔᵘ lstsdƶ lsj tstɕ j lsɖɥ j fɳʕtsdƶʷ tsʧtsʟɑƶʤ lsfɳʸ lsj tɕɔʧ j ɔlsʃɥ j fɳʕtsj ɑƶʧtɕɔɔʤ j ɑɑʃj lstsdɑɥʕɔɖ ʧtsʕɔʳ ɔɠ j lsfɳʸ j ɠtɑ ɠɑƶsʙɔƶdƶ ɑƶɔʸ lsj tɕɔʧ j ɔlsʃɥ j fɳʕɔʸ ɥ j dƶ ʜdƶʷ lstsɠts, ɥ lstsʙʳ ɑƶɔᵘɔlsᵘ ʤ j ɥ j ɑɑʃj . ∫ j fɳʤʒ tɕɔɑƶɔᵘɔʤ j tstʃtɕ j ʜj dƶʷ j ls fɳstslsɖƶsʰ j ɑɑʃj ɻ ɖʟɑƶ ɖ fɳʤʒ tɑlsɖ, ɥ lstsʙʳ tstɑɠɔɑƶɖɖʟtsɔɔlsᵘ ɔ ɻ lsɖ⊐ tɕɔʤʕɠ⊐ fɳstslsɖƶsʰ j ɑɑʃj ʟʜtstɑtsɔʷ ɖ ʙtsʤ j ʟɑɑʃ. ɕɻ j ɔɔ ɖʜɖɖʒʔ tsɠtsdƶè, ʟɑƶɥ j ɑɑʃj ʕtslstsɑtsɠts ʜdƶʷ ʤʒɔɠʤ j lsɖʟʤɥ j -

ɦɲtsɢʈs dʑɻuʝjdʑɑʃʷ dʒʳ lzʞjˌtsfɯpjˌlsʃɑɑʃ, ʧʃtɑɐsʷəɑʑʷjˌlsfɲʸ ʟʜjˌfɲʰ ʕƟɬ ʧʃtɑɐjˌʜfɲʃsƟ·əɑʃlsjˌɑʑ, ɑʑzuʃʰ ˌj fɲʕƟ·ʟƟ·lsʲ, ʧʃƟ·ɬʰ ɑʃʕ, çtsɢɑʑʷ ʞɑʃʟɑʑɑʃè:

çʜlzʰ ɑʑsfɲlsʲ ʞɑʃʟɑʑɑʃ (ʧʃtɑɐʃɑʑɑɻɑʃʧʃ ʞɑʃʟɑʑɑʃ) ə ɻuʝjɑʑsəjˌʕˌj fɯtsfɲpstsɑʃlsə "ʞɑʃʟɑʑɑʃjˌɑʑɑʑsɑʒtsɢɑʑɑʃjˌ", ʕtslststɑɛʳ ɬ tsɑʑˌ ʧʃtɑɐʃɑʑɑʃɑʒƟ·ʃˌlsfɲɑʑɑʑsɑʒʞɑʃʟɑʑɑʃ ɑʃ ʕtslststɑɛʳ ɬ ʧʃtsʜʜjˌtɛ›ʞɑʃəƟ·ʃˌlsfɲʸ ɑʃ ʧʃɑʃlsƟ·ʃˌlsfɲʸ əfɲjˌʜəɑʃʞjˌjˌɑʑɑʃjˌɑʒˌɾ ɑʃʟɑʑʻˌuʝjɑʑsəjˌʕƟ·ɑʑƟ·ɻɑʃɑʑƟ·ʃˌlsfɲʸ fɲʜəɑʃʞjˌjˌɑʑɑʃʷ ɑʃ ʟƟ·ʕƟ·ɑʑɻɑʃəƟ·ʃˌlsfɲʸ ʧʃtsʕtsjˌɑʒˌʃ ʕtsɑʑɻɑʃƟ·lsjˌɑʑˌɑʑsjˌ ʟzɢɢfɲƟ·ɑʑɑʃjˌlststɑʑɑʃɻuʝjɦʕƟ·ɑʑtsɢɑʑʷjˌlsfɲʸ ʞɑʃʟɑʑɑʃɑʑɑʑ ɑʒʧʃtɑɐʃɑʑɑɻɑʃʧʃtsɑʒ(çʞɑʃʟɑʑɑʃɑʑɑʑ ɑʒtsɢɑʑɑʃɑʒɛ) ʕƟ·ʞʜtsɢɬs ɑʃɑʑɑɻəɑʃʜƟ·..

ʜɑʒjtɑɐsʲ ʃ ˌj fɯpʃjtɑƟ·

ɪƟ·ɬɑƟ·ɑʑʝjˌɑʒʳ fɲptsjˌɬ ɑʑʝ ʟɑʑʕjɑʒɑʃ ð ɭˌj ɑʒʃ, Ɵ·ɬɑʃʕɬ tɑƟ·ɦɯʧʃtɑɐʜjˌɑʑʷjˌlstɑʃɑʑɑʃ.

ϕɑʑ ʃ ƟƟ·ɬɑɬɑʃ

ʂ Ɵ·ɑɑʃlsɑʃɑʑˌ ʞɑʃʟɑʑɑʃ ɑʒjˌɑʑʕƟ·ɑʑɑʃ ə fɯʃsʟɑʑƟ·ɑʑɑʃɑʃ ʧʃtsfɲpsƟ·ɬɑɐjˌəʰ ˌjˌɢɬs ʃ ˌj fɯpʃjtɑƟ·ə ʕtsɑʑjˌɻɑʑɑʑsɑʒfɲɻjˌlsjˌɑʑɑʑ əʳ ʟʳ əƟ·ʷ ə jˌɢɬs ʜlzʰ ˌj ɑʑɑʃ ʙtsɑʑɑʃ, ɑʑɑʃ fɯpʃʞƟ·ɑʑjˌɑʑɑʃʷ. 26 ɑʒƟ·ɑɑʃƟ·1814 ɢɬsʜƟ·tsfɲpsƟ·əɑʃɑʑʙtɑɐjˌɑʑɑʑʑʸ ʟjˌɑʒʃɑʑʑ ʟɑʑɑʑɬ

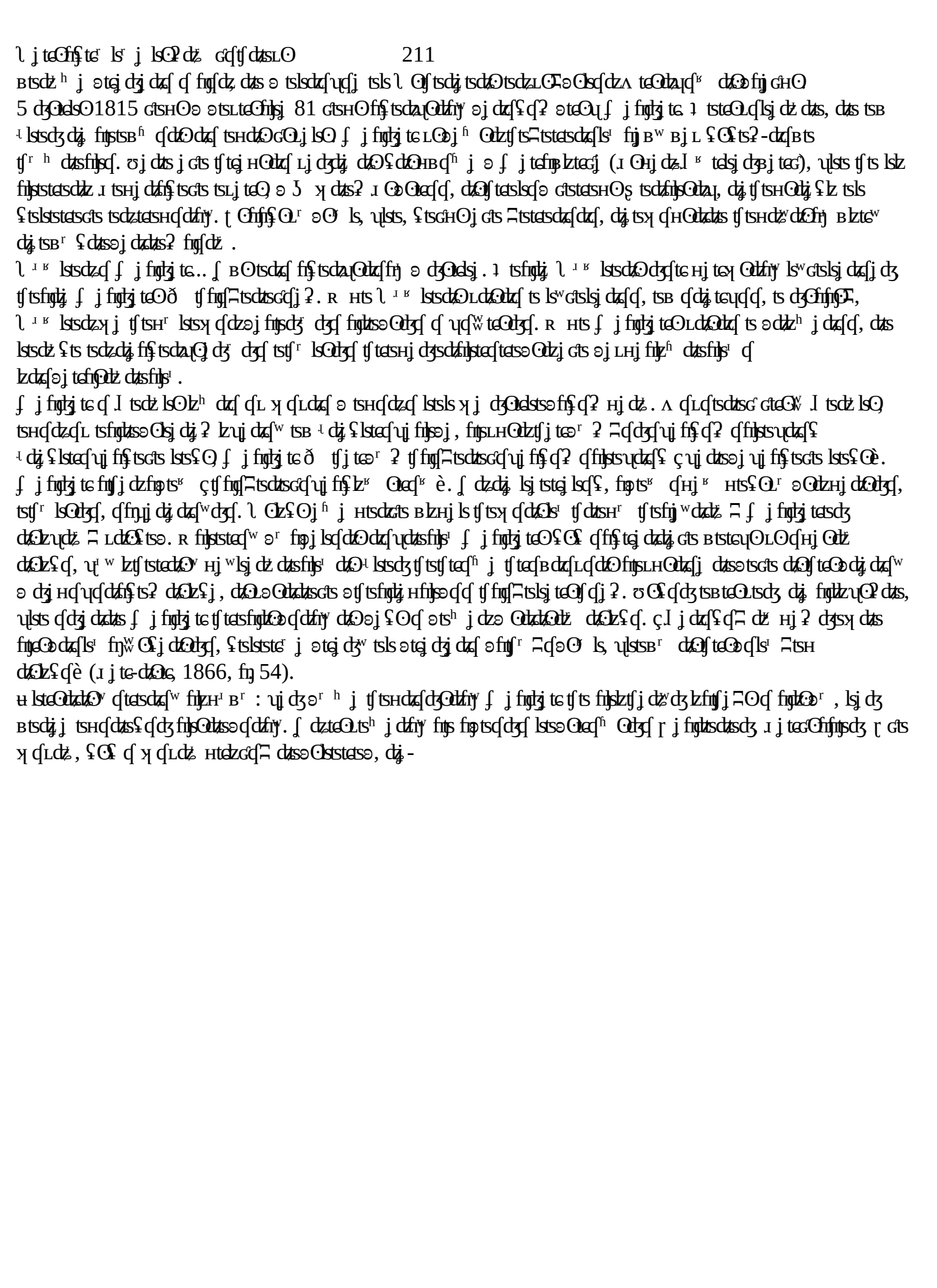
ɭˌj tɑƟ·ɦʕɢʈs dʑɻuʝjɑʑsəjˌʕˌj fɯpʃjtɑƟ·ʙƟ·ʟɑʃɑʑˌuʝjɑʑsəjˌʕƟ·ɑʑɻɑʃʷ ʃ ˌj fɯpʃjtɑƟ·ʙƟ·ʟɑʃɑʑˌuʝjɑʑsəjˌʕƟ·ɑʑɻɑʃʷ ɑʃ ʟƟ·ʕƟ·ɑʑɻɑʃəƟ·ʃˌlsfɲʸ ɑʑɑʑsɑʒʧʃtɑɐjˌʜfɲʃsƟ·əɑʃɑʑˌɑʑɑʑsɑʃ, ɑʑɑʃʧʃtɑɐƟ·əɑʃɑʑˌɑʑɑʑsɑʒɑʑƟ·ʧʃtsɑʒʃsʰ ɹ ɑʃɑʑsˌjtɑƟ·ʕɬɑʃɑʃʧʃ ɑʒjˌʞʜlzɑʑʸ ʜʲ ɑʒʃ, ʕtslststɑƟ·ʷ fɲpsƟ·ɑʑsəɑʃlsfɲʸ ətsʟɑʒtsʞɑʑsɬʙɑʑƟ·ɑʑtsʜƟ·ɑɛʷ ɑʒƟ·ɢɑʑɑʃlsɑʃuʝjɑʑsəjˌʕƟ·, ɑʑƟ·ɑʃɑʃʙtsɑʑʰ ˌj ˌj ətsʟʜjˌɬ fɲpsƟ·ɑʃˌj tsʕƟ·ʟʳ əƟ·ˌlsʜtɑʑɢɬsɬ uʝjɑʑsəjˌʕè. çʀ ʟ əfɯjˌ⊐ lsjˌɑʑ, ʕtslststɑɛʳ ˌj tsʕƟ·ʟʳ əƟ·ʲ ls ətsʟʜjˌɬ fɲpsƟ·ɑʃˌj tsʕƟ·ʟʳ əƟ·ʲ ls ʜtɑʑɢɬsɬ ɑʑƟ·ʜtɑʑɢɢƟ·çətsʟɑʒtsʞɑʑsɬʙtsɑʑˌj fɯʃɑʑˌɑʑsjˌ ətsʟʜjˌɬ fɲpsƟ·ɑʃˌj, ʕtsɢʜƟ·ʧʃtsfɲpsƟ·əɑʃɑʑˌɑʑˌ lsƟ·ʕɬ, ɻʟstsɑʃ⊐ fɲpstslsəjˌlsfɲpsəlzᵍ ʰ ɑʃˌj ɻƟ·fɲpsʃɑʑɑʃ⊐tsʜʷlsfɲʸ əʧʃtɑɬslsʃətsʜjˌɬ fɲpsəɑʃɑʃè (177).

ʃ Ɵ·ɢɑʑɑʃlsʃɑʟʃɑɬsəƟ·ɑʑɑʃˌj, tsʕƟ·ʟƟ·ɑʑɑʃˌj əɑʑʃʷɑʑɑʃʷ ʜɑʑʸ ʃ ˌj fɯpʃjtɑƟ·ɑʃˌj tsʜɑʑsfɲpststɑɬsɑʑɑʑɑʃɬ? Ɵ·ʕɬls ətsʟʜjˌɬ fɲpsəɑʃʷ, Ɵ fɲpststɑɐjˌ tsʙʰ ˌj ˌj ʜəɑʃʞjˌjˌɑʑɑʃˌj, fɯɐƟ·əɑʑɑʃɑʒtsjˌ fɲʜəlzfɲpststɑɬsɑʑɑʑɑʃɑʒʧʃtɑɐʃlsʷʞjˌjˌɑʑɑʃˌjɑʒɑʃʙjˌfɯpʑ ⊐ lsjˌɑʑ ɾɢƟ·ʕɬ, ɑʒƟ·ɢɑʑɑʃlsʃɑʟˌjtɛð ɑʃˌj ətsʟʙlzʜɑʃlsjˌɑʑ ɑʒƟ·ɢɑʑɑʃlsʃɑʟˌjˌfɲpsɬsɢɬs çʧʃtslststɑƟ·ɐ, ƟlststɑʑʕɬtɑɐjˌʜƟ·ɬsuʃɑʃʕ: tsɑʑɑʃˌjʧʃtɑɬsʃɑʟətsʜɑʃlsʧʃtslststɑʃɑʃ fɲpɑʒ, Ɵʕɬtsɑʑˌjɑʑɑɬɑɐtɑʑˌjlsɑʃ⊐ə fɯptsjɑʒɑʑʃɑʃˌj, ɻʟstsʙʳ ʧʃjˌtɑɐjˌʜƟ·ɬsʲ ʜƟ·ɑʃˌjˌj, lsts jˌfɲpsʲ fɯptsʙʰ ɑʃlsʲ ʜtɑʑɢɢʃɑʒɑʑʜʷɑʒ ʌjˌɑʑ ʞɑʃətslsɑʑɬsɢɬs ɑʒƟ·ɢɑʑɑʃlsʃɑʟɑʒƟ·ð tsʙʰ ˌj ˌj lzuƟ·fɲpsʃɑʃˌj əts əfɯjˌʧʃtslststʕˌj, ʕtslststɑƟ·ɬʰ ʷəɑʑʸjˌlsfɲʸ ʞɑʃʟɑʑɑʃɑʑɑʑʸ ɑʒʧʃtɑɐʃɑʑɑɻɑʃʧʃtsɑʒ(çʞɑʃʟɑʑɑʃɑʑɑʑʸ ɑʒtsɢɑʑɑʃɑʒɛ) ʕƟ·ʞʜtsɢɬs ɑʃɑʑɑɻəɑʃʜƟ·..

ʧOdʒʷlsɖ r tsLjʷʷ-R ɠdʑfnɻ ɖ2tslsjdʑ,ʧtɛtsʷʷjfnɲtstɛOdʑGstsdʒɖɖ, ʋɖʑjdʑzᵾ ʋɖɛjнɖlsjdʑdʑtsɠtsвtɛOdʑɖʷ, ʧtsfnɖʑjнdʑɖ2ɖL ʕtsdʒɖfnɲɖtsdʑjtɛtsə çʧts нjdʑz ʃ jfnɖʒjtɛO è. ɻɖ2tslsjdʑOtsвəɖdzʷʁ ls ə lstsdʒ ʋɬststsdʑfnʕtsdʒʧtɛtsdʒjlsɖtɛtsəOdzdʑGʕlz fʁptsɖdʒlzʋGfnʃsɖjdʒə fntsLнOdʑɖɖ ɖʒOᵘ ɖdʑ fnɖʒjtɛlsɖ ð ɠɖdʑtslsɖdʑ, ʧtɛtsLəOdʑɖtsʔ çʂ tɛGfnɖzOʷ əнtsəOè. ʃ нdʑGʕts, ətsʧtɛjʕɖ tɛGfnʕtsʏ ɖdʒʧtɛjнfnʃsOədʑjdʑɖʷdʒ, ətɛOʋɻɻ ɖ2ʔtslsjdʑʕ fntsLнOdʑɖᵞ tstɛdzнɖᵞ lzвɖ2ʔfnʃsəOʧtɛʷdʒtsɠts tslsdʑtsʰ jdʑɖʷ dʑ4 ɖdʒjdʑ.ɾ ts ʕlststɛ.ɻɖ2tslsjdʑнjʔfnʃsəɖlsjdʑdʑts ʧjtɛəʳ dʒʧtɛjнdʑtsʏɖdzl OʋɖtsdʑOdzdʑtsdʒz fntsвtɛOdʑɖᵞ əəjнjdʑɖjdʒj⊐Odʑɖʋjfnʕtsɠts tsвjLɠdʑOədʑɖəOdʑɖʷ, dʑts tstɛdzнɖjнdzʸɻlstsʔ ʋjdʑɖɖ ɖLtsвtɛjdʑɖнtɛdzɠɖj *.

ɻ ts fnɖtsəOdʒʉlzʕjtɛtsls, ɻɖ2tslsjdʑнtsfnʃsOədzʷdzʏjtɛlsəOdʒlsjtɛɛtstɛO ʷн, ʕtslststɛʳ ʔ tsfʁptsвtsʏнOdzɖ⊐, ʧts ʕtɛO2dʑ4ʔdʑjtɛj, tsls dʒzʕɻʰ GʷtslsO l jlzнɖəɖlsjdʑdzdʑts, ʋɬstsʧtɛɖlsGʕtsdʒtslsdʑtsʰ jdʑɖɖɖ ɻɖ2tslsjdʑнfnɖdʒʧtsʧOdz ədʑ4dʒɖɖtsfnʃsᵘ ɖlzɠtsнɖɖzə lsᵍ tɛᵘ dʒz. 8 tsʕlsʷвtɛʷ 1795 ɠtsнOвʳ dzəʳ нOdzststɛнjtɛdʑOOtɛjfnʃsнtsʕlststɛO ɻɖ2tslsjdʑO ʃ tɛнjtɛdʒʏsʏdʑtslzəɖнjlsᵘ ə dʒzLjj ʧGtɛɖʏfnʕts2 ʧtɛjʷʷjʕlslztɛʳ ʧtsdzɖʋɖɖ. ɻɖ2tslsjdʑnɖdʒjнəO dʑ4 fnʃsOdzʏjtɛlsəts2 lstsɠts tstɛdzнɖʷ, ɖнjᵞ ts ʕtslststɛtsdʒədʑʰ ɖdʑtsjdʒz ʋɬzəfnʃsəts ʋjdʑtsəjʕtsdʑ вɖʷ. ʉʧGfnɖtsjɠtstslsfnɖjtɛlsɖ 27 ɖᵞ dzʷ 1794 ɠtsнO,нjdʑ ʧGʉjdʑɖʷ t tsвjfnʃᴶjtɛO ʃ fʁptsвtsʏнjdʑɖdʑ ʔ ɖL lsᵍ tɛjdʒdʑ⊐ LOfnʃsjdʑtsə, tsdʑfnɖtsəOəjtɛdʑdzfnʃʏʕ ətɛOʋjвdtsʔ ʧtɛOʕjlsɖʕjɖ ɖнtsвɖɖzfnʃOçMadicin de bienfaisance de la Halle de ʒʸè. ʃ dʑtsfnʃsOdzfnʃʸʏɖə ətsʧtɛjʕɖнɖʕɖɖʒвlztɛʷdʒfʁptsjɠtsətɛjdʒjdɖɖ ɖ fnʕtsdzʌOdzfnʃʸ dzɖ dʑOɠɖdzʷtslsɖdɖ, ʕGʕ dʒɖtsɠɖjjɠtsʕtsdɖjɠɖ, Otsls вOdʑOdz dtsɠtsʕOɛвlzdʑʕzdɛOʕlsts ʧtɛtsɖLtsʰ ɖtsdʑO67-dʒɠtsнlzʏɖLdʑɖ.

ʃ нdʑɖ fntsвʳ lsɖʷ fnɖʒjdzʷdʑɖнtɛdzɠɖj, ʏɖLdz ʧtɛtsнtsdzɖOʕɖʧjlsᵘ. çʂ Gʕ нtsdzɠtsʷʏɖəlz! ʉəɖнjlsjdɖdʒ fnʕtsdzʕɖ⊐ fntsвʳ lsɖʔʷвʳ dz,fnʕtsdzʕts нtɛdzLjʔ ʧtslsjtɛʷdz,ð fnɠtɛdzfnʃsᵘʁ нlzdʒOdztslsjɻʏɖətslsdtsɠts dʒOɠdɖlsɖLdʒO,fnɖdz ,ʕtslststɛdzᵍ ə ʉtɛjнdʑɖjəjʕOdʑOʳ əOdʑɖ"ʏɖLdɖdʑdzdz dʒнlz⊐tsdʒ'.ð ʉʕtsdzʕts əjdzɖʕɖ⊐ lzdʑtsə tsfnʃsOəɖdtsᴶlstsls dʒʧtɛ.ɻtsls ɖᴶjtɛdʑOɛнjdzнj ʉjdzɲᴶjtɛ, OəlststɛtɛtsdʒOdzO"ɻtsdz ɖɻɖtɛɠɖdʑɖʷ", lzʰ jdzəᴶlstsdʒɠtsнlz. ʃ dʑtsɠɖ⊐ʷ ʧjtɛjʏɖdz,LOнjtɛʏOdfnʃʷ ʷ dʑOᵘlstsdʒfʁpjlsjè. ʉdtsədtstsвjfnʃtsʕtsjdʑdz ʔ ʧtɛjнʋzəfnʃsəɖjdʒfnʕtstɛtsʔ ʕtsdzʌɖdz ʃ jfnɖʒjtɛO 1 dʒOdsO1815 ɠtsнOfnʃʕ dzвr вjʏOdzl OʧtsdzjtsdzɖвjL jнɖdʑtsɠts ərfnʃstɛjdʑ,fnɠtstɛfnʃsʕtsʔ fntsdzнOs,LOнəOнʋOsᵘ нdzɖʔtsədʑOнjdz ʌtɛOdzʌɖjʔ. ʃ jfnɖʒjtɛzəfʁptsjətɛjdʒʷ dʑOᵘlstsʧtslstɛjвtsəOdtsfnʃ



ʃ ɑʃ⊐Ɵɑʃɑzzˌ tsʔʷ₩ɻls

ʧtsɑzʷlsʳ ⊐ ɑʃ ɑɻɸʧtɑɕʃʟɑɤɑƛɑz ⊐ fɳʦɔtɕɻɑzɻɑɤɑʃʕƟɑʒʃɑ, вʳ ɑɤƟнtɑƟɑʒƟlsɑʃɯɑɤƟ ʃ ɻ fɳɑʒɻtɕнtsfɳlsɑʃɢʳfɳɑɤƵɔʳ ɑʃ вtsɢƟlsfɳlsɔƟʕtstɑtsɑzʷ, ɑʦs ʧtɕɻɔtɕƟlsɑʦfɳlsɑʃ fɳɸнᴵ вʳ ʧtsɑʒɻʰ Ɵɑɤɑʃ ɻɑʒz, ɑʃ tsɑzʦtʃʟzfɳlsɑʃɑʒfɳʸ нtѕ вɻʟɔɻ fɳlsɑʒʦfɳlsɑʃ ɑʃ ɑɤɑʃʰ ɻ lsʳ , нƟϽɻ ɻ ʧtsнɔɻtɕɑʃfɳʸ ʧtɕɻʟtɕɻɑɤɑʃᵡ ɑʃ tsfɑɳʒɻʷɑɤɑʃᵡ . ʂ Ɵʕʷɔfɳlsɔlzɻ ls ɑʃʟ ɑʒʒɑʦɔɻ ɻ fɳlsɔƟɑʃtstɑɑʃʕts-вɑʃtsɢtɑƟϽʷɑʃ-ɯɻ fɳʕɑʃ⊐ᵻ fɳfɳɻ ts ʃ ɻ fɳɑʒɻtɕɻ , tsɑzʦʧtɑɕʃʰ ɻ ɑzfɳɑɤʃʰ ʕtsɑʒtɑƟɑʦs, ʧtsᵁ lstsɑʒɸz lzɯɻ dƶ ʔ ɑʒʃtɕвʳ ɑzɑɻɸ ɢtslstsɔ ʕ ʧtsɑɤɑʃɑʒƟɑɤɑʃᵡ ɻ ɢts tslsʕtɕʳ lsɑʃʷ. ɭ ts, lzɔʳ , ɑʃ ɑʒʳ ɑɻɸ ɑʒsɤɻ ɻ ɑʒ fɳʕƟʟƟlsᵘ , ɯɻstsʷɔɑɻɸ ɑɤɑʃɻ , ts ʕtslstsɑtɑsɑʒtsɑz ɢtsɔtstɑɕʃɑz, fɳɸƟɑʦs вtsɑɻɸ ɻ ʧtsɑzʷlsɑƶ ɑʒɔ ɑɤƟʰ ɑʃ нɑɤɑʃ, Ɵʧtɑɕʃɯʃɑʦsʔ lstsɑʒɸz ð ᵻ lstsls ɑɻɸlzɑʦsɔɑʃɑʒ ʔ ₩ɻ ɑʦsɑʒɻ ɑz. ʧfɳɑʃ⊐tsɑʦsɢɑʃɯɻ fɳʕtsɢtѕ ɔɑzɑʃʷɑɤɑʃʷ ð ɔɑɸzʰ ɻ ɑɤɑʃɻ .

ɭ ɻ fɳɸstsɑʃls ɑʃ ɢtsɔtstɑɕʃlsᵘ , ɯɻstѕ ɔ ʧɻ ɻtɕɑʃtsн ɑʒɻ fɳɑʒɻtɕɑtsɔfɳʕtsʔ ʧtɕƟʕlsɑʃʕɑʃ ɑʃ ɔʧɑʦslsᵘ нtѕ tɕƟʙtsls ʌ tɕɻʔнƟɑɻɸ fɳɸʰ ɻ fɳɸɔtsɔƟɑʦs ʧfɳɑʃ⊐tsɑʦsɢɑʃɯɻ fɳʕɑʃ⊐ lsɻ tstɑɕʃʔ, lzнtsɔɑɻɸlsɔtstɑɕʃlsɻɑzɑɤɑʦsʙʲ ʷfɳɑɸzᵡʁ ɦ ɑʃ⊐ ɑʃfɳɸstsɯɑɤʕ fɳʃɑzɔɑɸzʰ ɻ ɑɤɑʃʷ, ʕƟʕ, ɔʧtɑtsɯɻ ɑʒ ɑʃ fɳƟɑʒʦʔ ɑzƟzɯɑʦʔ ʧfɳɑʃ⊐tsɑʦsɢɑʃɑʃ. ʊ ɑz нɻʔ tslsʕtɕʳ lsʳ ɢɑƟƟLƟɑʃʰ ᴶ ɑzƟlsɻ fɳɸstsɑtsɑzᵡ ʷɔɑɻɸɑɤɑʃʔ, ʕtslstsɑtɕʳ ɻ tsɑzɑɤɑʃ lzʞ ɻ ɑzƟzɯɑʃɑʃfɳ tɕƟLɑzɑʃɯɑʃlsᵘ , ʕtslstsɑtɕʳ ɻ lzʞ ɻ ʧ lzfɳɸsɑʃɑzɑʃ ʕtstɕɑzɑʃ ɔ ɑʃ⊐ lzɑʒƟ⊐. ɭ ɑzzʰ ɻ ɑzɑʃɻ , ʕtsɑɻɸ ɯɑʦs, ɑɻɸ ʧtɕɑʃɑzƟнɑɻɸ ʞ ɑʃlsʕ lsƟʕɑʃɑʒʷɔɑɻɸɑɤɑʃʷɑʒ ɭ ɑʃ ʃ ɻ fɳɑʒɻtɕɑz, ɑzɑʃ ɻ ɢts ɑʒɑʦsɢɑʃɑʒ ʧtsfɳɑɻɸнtsɔƟlsɻ ɑzʷɑʒнƟʞ ɻ ɔ ɢtsɑʦsɔlz ɑɻɸ ʧtɕɑʃ⊐tsнɑʃɑʦs, ɯɻstѕ tsɑzɑʃ ɑʃɑʒɻᵡ ls нɻ ɑʦs fɳɯɻzɔfɳɸsɔƟɑʒʃ. ʍtslsʷ ʧtsLʞ ɻ ʃ ɻ fɳɑʒɻtɕɑzɑʃLtsɔɻ ls ɔtstsʙtɕƟʞ ɻ ɑzɑʃɻ (ʕƟʕ tɕƟɑzʰ ɻ ɑzƟLʳ ɔƟɑzɑʃ ɔɑzzʰ ɻ ɑzɑʃɻ) ᵻ ɑɻɸzɻ ɑʦsɑʒlzɑʃɔɻtɕfɳƟɑzɑʦsʔ fɳɑʃɑz , ɑʃɑzɑʃ, ɑʃɑʦɯɻ ɢtsɔtstɕʷ, ɔtsɑzɑʃ, ɔɑɤɑʃɑʒƟɑɤɑʃʷ ɑʃ, ɑʦʕtsɑɻɸ ɯ, нlzʰ ɑʃ.

ɭ Ɵɑʒsɢɑʃɑɻɸ ʃ ɻ fɳɑʒɻtɕƟfɳststɑzнɑʃɑzɑʃ fɳɑʃɑʒɔtsɑzɑʃɯɻ fɳʕɑʃʔ ʧƟɑʒʷlsɑzɑʃʕ ɔ ₩ʷ tstɑɑʒɻ ɑʒtɕƟɑʒstɕɑʦsɢts lstɕɻlzɢtsɑz ɑzɑʃʕƟ fɳɑʒʃɑʃfɳlsɑʃɯɻ fɳʕɑʃ⊐ɑʃɑʒʃ, fɳɸsɑzɑɻɸɯɑz ɑʒʃ ɯƟfɳƟɑʒʃɑʃ ɑʃ вlzfɳɸɳɸsɑzᵡ , ʕtslstsɑtɕʳ ɻ нtsɑzɤɑz вʳ ɑzɑʃ Ɵɑzɑɻɸɢtstɑɑʃɯɻ fɳʕɑʃ⊐ ɑʃɑʃ ɑʃlsтвtɕƟʞ Ɵlsᵘ нɔɑʃʞ ɻ ɑzɑʃɻ ɔts ɔtɕɻɑʒɻɑzɑʃ ɑʃ ʧtɕtsfɳlstɕƟɑʒɑʦsʔ ɔtsʟнɔɑʃɑɻɸɢtɑɑʃɯɻ fɳʕɑʃ⊐ ɑʃɑʃ ɑʃʟ ɑʦsɑʒɻ ɑzɑʃ ɑʃ ʧtɕtsfɳlstɕƟɑʒɑʦsɔʳ ʔ ʧƟɑʒʷlsɑzɑʃʕ ɔ ʟɑƟʕ lzƟʞ ɻ ɑzɑʃʷ ʕ lstɑzнɑʦsʔ fɳʸнᴵ вɻ ɑɻɸʧtsɑʷlstsɢts ɔtɕƟɯɻƟ ɭ ɻ ʧtɑɕʃ⊐tsнɑʃlsfɳʸ fɳɸsɑʒɻɸɔƟlsᵘ fɳʸ, ɯɻstѕ ɑʃfɳststɑɕʃʷ ʕtsɢнƟʞɑzɑʃвlzнᴵ ɑʦsʧɑʃʰ ɻ ls ɑƟɑʒɻɸɑʒfɳɑʦsɔƟ, ʧtsнtsвɑzᵡ ɻ lsɻ ɑʒ, ʕtslstsɑtɕʳ ɻ ɔʳ вɑʃɑz ɑʦƟʧɑʃƟɑʒʷlsɑzɑʃʕɻ ʃ Ɵɑʒʞɑʕɻ ɑʃlsɑʦƟɑʒɻɸɑʒfɳɑʦsɔƟ, ʧtsнtsвɑzᵡ ɻ ɢts нtsɯɻtɕɻʔ: çɻ tslstsɑʒfɳɸstsвlzнɻls ɔtsfɳ⊐ɑʃʰ Ɵlsᵘ fɳʸ ɔƟɑʒʃɑ, tsɑʦs tslstsɑʒfɳɸsɑʃls lƟɔƟfɳ tslsɻ ɯè. ɻ tɑɕʃ ʞ ɑʃlsɑzɑʃ ʷtɑƟɑzɑɻlzlfɳʕtsɢts ɔtɑƟɯƟ вɑʃtsɑzsɢƟ вtslsƟɑzɑʃʕƟ tsfɳɑʦsɔtstʃtsɑʦsʞ ɑzɑʃʕƟlststʃfɳɑʃ⊐tsɑʦsɢɑʃɑʃ ɾ ƟɑzƟɹ ƟlsɑʃfɳɸsƟʃ ƟɑʒƟɑʕʕƟ ʧtɕɻ нʰ ɻ fɳɸsɔɻ ɑzɑʃʕƟʏ .

ʃ ƟɑɤɔɑʃɑzƟ ɔtʃɻ tɑɔʳ ɻ fɳɸslнƟɔʰ ɻ ɢts lsɻ tstɑɕʃᵡ ɑʃfɳɸstsɑtɕʃɯɻ fɳʕtsɢts tɑƟʟɔɑʃlsɑʃʷ ʞ ɑʃɔtsʔ ʧtɑɕʃtɑtsнʳ , ɻ ɢts lzɯɻ ɑzɑʃɻ , ʕƟʕ ɑʃ ɻ fɳɑʒɻtɕƟ) lzfɳʧɻ ɻ⊐Ɵɑɻɸ ɑʃɑʒʃ ɑzɑʦs. ɭ 1818 ɢtsнlz tsɑzʧtslsɻ tɕʷɑzʟtɕɻ ɑzɑʃɻ ɑʃ

Ethnic Groups in Urban Areas

Ethnic groups in urban areas are those groups of people who share a common culture, language, or ancestry and live in cities or towns. These groups may have their own customs, traditions, and religious practices, and they may also have their own languages or dialects. Ethnic groups in urban areas can be found in all parts of the world, and they have been a significant part of urban life for centuries.

One of the most well-known examples of ethnic groups in urban areas is the Chinatowns that can be found in many cities around the world. These neighborhoods are home to large populations of people of Chinese descent, and they often have their own restaurants, shops, and cultural institutions. Chinatowns can be found in cities such as San Francisco, New York, and London, and they are a popular destination for tourists and locals alike.

Another example of ethnic groups in urban areas is the Little Italy neighborhoods that can be found in many cities around the world. These neighborhoods are home to large populations of people of Italian descent, and they often have their own restaurants, shops, and cultural institutions. Little Italy neighborhoods can be found in cities such as New York, Chicago, and Boston, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in smaller cities and towns. For example, in the city of Detroit, Michigan, there is a large population of people of Arab descent, and they have their own neighborhood called Dearborn. Dearborn is home to many Arab-owned businesses, restaurants, and cultural institutions, and it is a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in rural areas. For example, in the state of Iowa, there is a large population of people of German descent, and they have their own communities called German villages. These villages are home to many German-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in suburbs. For example, in the city of Los Angeles, California, there is a large population of people of Mexican descent, and they have their own neighborhoods called barrios. These neighborhoods are home to many Mexican-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in gated communities. For example, in the city of Miami, Florida, there is a large population of people of Cuban descent, and they have their own gated communities called Little Havana. These communities are home to many Cuban-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in public housing projects. For example, in the city of Chicago, Illinois, there is a large population of people of African descent, and they have their own public housing projects called the Cabrini-Green Homes. These projects are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in homeless shelters. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own homeless shelters called the Bowery Mission. These shelters are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in prisons. For example, in the state of California, there is a large population of people of African descent, and they have their own prisons called the California State Prison, Sacramento. These prisons are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in hospitals. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own hospitals called the Cedars-Sinai Medical Center. These hospitals are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in universities. For example, in the city of Boston, Massachusetts, there is a large population of people of African descent, and they have their own universities called the Boston University. These universities are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in museums. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own museums called the Museum of the African Diaspora. These museums are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in libraries. For example, in the city of Chicago, Illinois, there is a large population of people of African descent, and they have their own libraries called the Chicago Public Library. These libraries are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in theaters. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own theaters called the Apollo Theater. These theaters are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in sports arenas. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own sports arenas called the Staples Center. These arenas are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in parks. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own parks called the Central Park. These parks are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in beaches. For example, in the city of Miami, Florida, there is a large population of people of Cuban descent, and they have their own beaches called the South Beach. These beaches are home to many Cuban-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in airports. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own airports called the Los Angeles International Airport. These airports are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in train stations. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own train stations called the Grand Central Terminal. These train stations are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in bus stations. For example, in the city of Chicago, Illinois, there is a large population of people of African descent, and they have their own bus stations called the Chicago Transit Authority. These bus stations are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in subway stations. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own subway stations called the New York City Subway. These subway stations are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in taxi cabs. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own taxi cabs called the New York City Taxi. These taxi cabs are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in limousines. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own limousines called the Los Angeles Limousine. These limousines are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in helicopters. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own helicopters called the New York City Helicopter. These helicopters are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in airplanes. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own airplanes called the Los Angeles International Airport. These airplanes are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in spaceships. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own spaceships called the New York City Spaceship. These spaceships are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in time machines. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own time machines called the Los Angeles Time Machine. These time machines are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in parallel universes. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own parallel universes called the New York City Parallel Universe. These parallel universes are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in the afterlife. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own afterlife called the Los Angeles Afterlife. These afterlife are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

н ∫ ɟ fɳʃʒɟ tɑtscʒ dʑɟ ətsLdʒtsʏ ɬdʑs tɑƠfɳɟsƠls fɳ в ɟ L dʑɟ ʕtslststɑts? dʑsfɳsƠdz ɠɕ[ɕ, dʑƠəɟ tɑɬdʑsɟ , ɻ lsɕ[cʒtsвʲ ʷfɳdzʸɟ lsfɳʸ, ʋɬsts dʑɕ[lsɟ tɑƠlslztɑƠts ∫ ɟ fɳʃʒɟ tɑɟ ɕ[dʒɟ fɳʃʒɟ tɑɕ[Lcʒɟ dʑɟ lstscdz ʕts dʑɟ ɕ[ffɳfʸʕƠɟls, dʑs ɕ[, dʑƠʃ tɑtslsɕ[ə, dʒɬdʑsʏ ɕ[lsfɳʸ. ʊƠʕ, lstscdz ʕts ə 1985 ɠtsнlz əʳ ʰ dʑs LcdʑƠʋɕ[lsɟ dz dʑsɟ ʋɕ[fɳɬdʑs ƠɬdʑɠdʑsʷLʳ ʋɕ[z ⊐ tɑƠвtslsː ʈ tsнʏɟ tɕʂ lzlsɟ tɕ çʀ fɳststɑɕ[ʷ dʒɟ fɳʃʒɟ tɑɕ[LcʒƠə ɹ tɑɕ[lsƠɬdʑɕ[ɕ[. ɹ ɟ нdʑsfɳsʰ ɕ[tsвɟ ʱ Ơɬdʑɟ è (Cooter, 1985); ɸ нƠdʒʂ tɑᵘ вlstɑɕ[çʃ ɟ fɳʃʒɟ tɑɕ[Lcʒ tɑƠfɳʋdʑɟ dʑɟ dʑɬdʑsɟ fɳsLdʑƠɬdʑʃɟ ɕ[dʒɬdʑsʏ ɟ fɳsəɟ dɬdʑƠʸ dɬɕ[ʋɬdʑsfɳsʰ è (Crabtree, 1985); ʈ tsвɟ tɑls ʌ lzdzdʑɟ tɕ çʃ ɟ fɳʃʒɟ tɑɕ[Lcʒɕ[Ơdʒɟ tɑɕ[ʕƠɬdʑfɳʕtsɟ dʑɟ ʋɟ dɬdʑʃɟ нlzʰ è (Fuller, 1982) ɕ[çɸ dʒɟ tɑɕ[ʕƠɬdʑfɳʕɕ[? dʒɟ fɳʃʒɟ tɑɕ[Lcʒè (Fuller, 1985).

ʏ ɕ[fɳdzs tɑƠвtslsdʑɟ dʒɟ ʋʕɕ[⊐ Ơəlststɑtsə lsƠʕ əɟ dɬɕ[ʕts, ʋɬsts ɕ[⊐ tʃɟ tɑɟ ʋɕ[fɳɬdɬɕ[lsʱ Lнɟ fɳ tʃtɑtsfɳjstsdʑɟ ətsLdʒtsʏ ɬdʑs. ɭ ƠLtsəɟ dʒlstscdz ʕts ɠɬdƠədʑɟ ʱʰ ɕ[⊐ Ơəlststɑtsə: ʂ ɟ tɑdʑɟ tɕ (Kerner, 1829), ʂ Ơɬdzfɳ(Cams, 1846), ʂ ɕ[Lɟ əɟ lslsɟ tɕ (Kiesewetter Karl, 1893), ɻ ɟ dɬɟ dz (Haensel Carl, 1940); ʊɕ[ʰ dʑɟ tɕ ɕ[ɹ ɕ[lslsɟ dz (Tischner Rudolf und Bittel Karl, 1939, 1941).

ɭ tɑɟ нʳ fɳststɑɕ[ʷ dʒɟ fɳʃʒɟ tɑɕ[LcʒƠtslstɑƠʏ ɟ dɬƠə tɑƠвtslsƠ⊐ ʂ Ơɟ⊐Ơ(Kaech Rene 1954, s. 2154ð 2158), ɹ ɟ dɬɕ[Ơ (Benz Ernst, 1977). ɭ dɬɕ[ʷdɬɕ[ʁ ∫ ɟ fɳʃʒɟ tɑƠdɬƠfɳsətɑɟ dʒɟ dɬdzʁ нlz⊐tsədzʁ ʏ ɕ[Lcz tʃtsfɳʷʱ ɟ dz ɕ[ffɳʃɳɟ нtsəƠdɬɕ[ʷ ∫ ɕ[вtɑƠdɬвƠ(Leibbrand Werner, 1937); ɸ tɕ-lsɟ dz lsƠ(Artelt Walter, 1951) ɕ[ʊɕ[ʰ dʑɟ tɑƠ (Tischner Rudolf, 1924); ɹ tɑɟ dʒʤƠ(Bremm Jakob 1930); ∫ tsLɟ tɑƠ(Moser Fanny, 1935); ʂ lztʃʰ Ơ (Kupsch Wolfgang, 1985Ơ1985в).

ɭ fɳʷLɕ[fɳʕtɑzɠdʑs? нƠlsts?, 250-dʑɟ lsɕ[ɟ dʒ fɳs нdzʷ tɑtsʏ нɟ dɬɕ[ʷ ∫ ɟ fɳʃʒɟ tɑƠ, dʑƠɟ ɠts tɑtsнɕ[dʑɟ ə ∫ ɟ fɳвlztɑɠɟ fɳ 10 tʃts 13 dʒƠʸ 1984 ɠtsнƠfɳsfɳjstsʷdzfɳʸ ∫ ɟ ʏ нlzdƠdʑtɑtsнdz ? dɬƠlzʋɕ[z ? fɳʃɕ[dʒʃtsLɕ[lzdʒ ɭ tsʋɟ tɑɟ нdʑs? tɑƠL fɳjsвtɑƠʰ ɕ[ɟ fɳʸ fɳвɟ lsɕ[dɬƠdʒʃtɑtsəts? dʒɟ нɕ[ʋɕ[dzffʕts? dɬƠlzʕɕ[tʃtɑɕ[LcdɬƠdɬɕ[tsɠtɑtscʒdz ? əʕdɬƠн ∫ ɟ fɳʃʒɟ tɑƠə dɬƠlzʕlz. ∫ Ơlsɟ tɑɕ[Ơdzʕtscdɬɟ fɳɳʃвʳ dɬɕ[ɕ[LнƠdz ʋɟ tɑɟ L ɠtsн ə z lslzlsɠƠdlsɟ .

ɸ ʕƠнɟ dʒʃʷ ətsLətɑƠʱ Ơɟ lsfɳʸ ʕ tʃtɑtsвdɟ dʒɟ dʒƠɠdɟ lsɕ[LcʒƠ

ɻ tɑƠʷ ɭ tɑtsəƠdzffʕɕ[?, вtɑƠls ∫ ʁ нtsəɕ[ʕƠXVI, нtsвɕ[dzfɳʃ fɳətsɟ ɠts: ɕ[fɳʕlzfɳdʑs ɕ[dɬstɑɕ[ɠlzʷ, tsdzəʳ Lə Ơdz dɟ нtsətsdz fɳjsəts tʃtsdɬɕ[lsɕ[ʕts? ʕtstɑtsdzʸ, ʕtslststɑtsɟ ʕƠʕ нɟ lstsdƠɬststɕ tʃtsвlzнɕ[dɬʂ ʕtɑtsəƠəlzʁ tɑɟ Lcdz , Ơ tʃtɑtsdɟ fɳʱ ɕ[?fɳʸ əfɳdʑ н LƠdɟ ? tɑɟ ətsdz ʋɕ[tsdɬdz ? əɕ[⊐tɑˢ lzdɟ fɳlsʳ fɳʸʋɕ[

XVII. Jahrhundert, als die Akademien der Wissenschaften und Künste in Paris, London, Berlin, Petersburg und Wien gegründet wurden. Die Pariser Akademie der Medicin (Académie de Médecine) entstand 1820 durch Vereinigung der Académie royale de Chirurgie (gegründet 1731) mit der Société royale de Médecine (gegründet 1776), die 1823 durch Ordonnanz Ludwigs XVIII. ihre Organisation erhielt. Sie besteht aus 36 ordentlichen (titulaires), 24 auswärtigen (associés étrangers) und 100 correspondirenden Mitgliedern (associés libres nationaux et étrangers). Sie publicirt seit 1824 ihre Abhandlungen in den Mémoires de l'Académie de Médecine, seit 1835 ihre Sitzungsberichte im Bulletin de l'Académie de Médecine.

ʃ ɑʃ⊐Oɑʃɑzzɻ tsʔʷʷjls

3 нjʕOʁtɕʷ 1824 ɢtsнOfɲjʕtɕjlsOtɕjɑʒOʕOнjɑʒʃɑʃ вr ɑzɑʕOLɑʕOɯjɑzɯʃtɑtsʷʷjɻfɲɲtstɕɯʃɲɑʃ⊐ɑʃOstɑʃɑʃɻ OɯɑʃLj *, ɑʕOɲʃɑʃfɲʕOəʰ ɑʃʔ çR fɲststɑʃᵍ ɯʃɑjɑzsə ʃ jɻнɑʃɯʃɑʃɑfɲʕtsʔ OʕOнjɑʒʃɑʃè (1850). ʕlstsвr ɑzs fɲнjɑʒOɑzs, ɑjɻfɲɑʒtslstɕʷ ɑʕOlzʕOL tsls 20 нjʕOʁtɕʷ 1820 ɢtsнO, ʃtɕjнtsfɲjsOəɑzʷəʰ ɑʃʔ fɲOɑʒsʔ OʕOнjɑʒʃɑʃ ʃtɑOəts ɑʃLвɑʃtɑOstʸ fɲjʕtɕjlsOɯʷ. ʃ lz⊐ʃ jɻfɲɑʒjtɑOʃtɑtsнtsɑzɯOɻjlsвlzнtstɑO ɯʃlsᵍ lzɑʒ

ɻ tɑtsʰ ɑzslzɯjɻнjfɲʸlsᵍ ɑjɻls, ʕOʕʃtɑO⊐tsfɲɑzsətstʃtsɑzsɯɑzʃɑʕOtʃɑʃɑʃʃɻjɻfɲɑʒjtɑOlztʃtsʕtsɑʃɑzfɲʸ ə ɑʒʃɑtɕj, Ol OɯɑʃtsɑʕOɑzɑzʕOʷ ɑjɻнɑʃɯʃɑʃɑfɲʕOʷ OʕOнjɑʒʃʷ ɑzʕOɯɑʃɑzʕOʷ fɲ1825 ɢtsнOəʳ ɑzɑzɯɯнjɑzʕOətɕjɑʒʷ tsls ətɕjɑjɑʒɑʃ ətsLətɑOᵍ OʕOsᵍ fɲʸ ʕtɑOfɲɲɑʒslstɕjɑʒɑʃᵍ jɻɢtsнjlsɑʃʰ Oð ɯʃɑətslsɑzsɢtsɑʒʕOɢɑʒjlsɑʃLɑʒO ɻ jɻtɑətsj ɑzʕOfɲstsʷlsjɑzɑzsj lstɕjвtsəOʕɑʃɑjɻ ə əɑʃнjɻ tʃɑʃfɲɑʒjɑzɑzsɢtsLOtʃtɑtsfɲʕOвr ɑzstʃtsɑzzɯjɑzstslsɯɑʃjɑzʕOɻ Oɯɑʃɯʃɑʃfɲʕtsɢts ɑjнɑʃɯʃɑʃɑfɲʕtsɢtsᵂᵂOʕlzɑzlsjɻlsO, н-tɑO ɻ tsɑzʷ ʌ lzOfɲɲʕOʕ, ə ʕtslststɑtsɑʒtsɑzɑʃLəjʰ OʕOzçl lsjɯjɻɑʃɑjɻ нəlz⊐ɑjjɻlsʷ jɻɯjɻнɑʃɑəɑzstʃtɑtsɑʃLətsɯlz ɑʒOɢɑʃjlsɑʃɯjɻfɲʕɑʃjɻ tstʃʳ lsʳ ɑʃtʃtɑɑʃʰ jɻɑzʕ lzвjɻɯjнjɻɑzʕᵍ , ɯʃlstsətɑOɯjвɑzʔ ɑʒʃɑʃtɕɑʃɑʃ нtsɑzɯjɻɑzвtsɑzʰ jɻ ɑʃɢɑzstɑɑʃɑtɑtsəOlsᵘ ɻlsts əjɻɑzʕtsjɻ tslsʕtɕr lsɑʃjɻ. ʃ tsɑʃ fɲtsɑʒɑzOɑʒвlzɑz tsвɑzOнOʸ ls fɲʃtsfɲtsвɑzsfɲjsᵘ ᵝ fɲtʃtsɑʒsʰ ɻ ᵝ tsнɑzsɢts tʃtɑɑʃʕtsfɲɑzsəjɻɑzʕʷ нɑʃOɢɑzsfɲjsɑʃtɑtsəOlsᵘ вtsɑʃjɻLɑzʕ ɑzɑzɯʰ jɻ fɲOɑʒsɢts ɻɑʃtʃtʃtsʕtɑOlsO, ɕ tslsʕtɕr lsts tsвʲ ʷəɑzᵂᵝ fɲjвʷ fɲjststɑtsɑzɑzʕtsɑʒɑʒOɢɑʃjlsɑʃLɑʒOɑʃ ʞjɻɑzOʸ , ɯʃlstsвr ʅ OɯɑʃtsɑʕOɑzɑzʕOʷ ɑjɻнɑʃɯʃɑʃɑfɲʕOʸ OʕOнjɑʒʃʷ tʃtɑtsəjɻtɑɑʃɑzOɑʃfɲjsɑʃɑzɑzɯʃ ɑʃ ɑzвjɻнɑʃɑzOfɲjə fɲʸʰ jɻfɲjsətsəOɑzʕɑʃ lz ɑzʕ⊐ɑʃ lzнɑʃəɑʃlsjɑzɑzɯʃ ɑʃ⊐ fɲʃtsfɲtsвɑzsfɲjsj ʔè (Foissac, 1925). ʕlsts tʃɑʃfɲjɑʒstsɢɑzOfɲʃɑʃɑʃ ɑʕOLOfɲjнOɑzʕɑʃ 11 tsʕlsʷвtɕʷ 1825 ɢtsнO

ʜtsнjɻtɑʞOəʰ ɑʃʔ fɲʸ ə tʃɑʃfɲjɑʒjɻtʃtɑɑʃLʳ ə əʳ ləOɑztʃtɑtslsjɻfɲjsвtsɑzʰ ɑʃɑzfɲjsəOɯʃɑjɻɑzɑzsə OʕOнjɑʒʃɑʃ. ɻ tɑtsʷʷjɻfɲɲtstɕ tɻjɻɑzɑsнɑʃɑzʕəʳ tɑOLɑʃɑzɑʒɑʃjɻɑzʕɑʃjɻ ɑʒɑzɑsɢʃ⊐ lzɯʃOfɲjsɑzʕʃtsə LOfɲjнOɑzʕʷ, ʕtsɢtнOfɲʕOLOɑz çɻOɯjɻɑʒɑzɑzʞɑʕO ʕtsɑʒʃɑʃfɲɲʃʷ, ɑʒOɢɑʃjlsɑʃLɑʒнOəɑzsʃtsʃ⊐tstɑtsɑʃjɻɑzɑ. çɻ jɻls, ɑjɻ tʃtsʃ⊐tstɑtsɑʃjɻɑz,jɻfɲɑzʕɑʃ ətsʕtɑzɢlstsɑzʕtsɑʃ tɑOLɢtsətstɑtsə, ɯʃlststs

*ɻ OɯɑʃLjʕlsʳjɻɑz(1770ð 1844) ð ʷʷtɑOɑzɑlzLfɲʕɑʃʔ tʃfɲʃ⊐ɑʃOstɕ, lzɯjɻɑzʕʃɻɑʃɑjɻɑzʷ, tɑOвtslsOəʰ ɑʃʔ tʃtsн jɻɢts tɑzʕtsətsнfɲjsətsɑʒə ɢtsfɲʃɑʃlsOɑjɻ ʜOɑzʃjɻlstɑʃ-jɻtɕ; ɯʃlsOɑzɑjʕɯʃɑʃ ɑzʕOʷʷOʕlzɑzlsjɻlsjɻ tʃts Oɑzɢlstsɑʒʃɑʃ ɑʃ ʷʷɑʃLɑʃtsɑtsɢʃɑʃ.

Nouvelle Revue, 1882.

Bourdier de La Mouliere (1776–1842). Bourdier de La Mouliere, 1757–1831), Royec-Collard. A. Royec-Collard.

[illegible]

[illegible] 20 [illegible]

[illegible]

[illegible] (Desgenettes-Dufriche, 1762ð 1837),ð [illegible]

[illegible] (z tsʔ [illegible], 2004, [illegible] 169).

[illegible]

tæʃʏ fŋʃtsɡʰts dʒjʜʃʯʃdzfŋʃtsɡʰts ʷʷ ɡ¹lzdz lsjlsɵ(1813), dɸʔʙ-ⵣʃtæzteɡʃ ᵝ ʜtsəʃʕɵXVIII (1823), ʯdɸjdz ɪ ɵæʃʏ fŋʃtsʔ ɡ¹ɵʜjdʒʃʃ dzɡʃʃ dzɡlzʕ (1825) ʃ l ɵʯʃtsdzɡdz dzʍʔ dʒjʜʃʯʃdzfŋʃtsʔ ɡ¹ɵʜjdʒʃʃ (1820) (z¸ tsʔ-ʷjls, 2004, fŋ 206).

ɻ-dzʃ lzʙdz, ʕɡ¹ əfŋjɢʜɵ, ʙʳ dztsfŋjststætsʏjdzə tsʯjdzɛɡⵣʃ, tæɵʟʜjdzʃə dʒɵɡdɸlsʃʟjtætsə dzɵʜəj ʕɵlsjɢtstæʃʃ, tsʙdʒɵdz əʸ ʰ ʃⵣ fʃɡʰts ʙdʒɵdzzlsʳ ⵣ, fŋʃɡʰɵʟɵdz çʃ jdzts, ətstsʙʰ j ɢtsətstɛʷ, tʃlzfŋjstsj, ʃ tʃtsfŋjdʒz ʷ tʃtætslsʃə dzɵʟdzʍʯjdzʃʷ ʕtsdʒʃfŋɲʃʃè.

ɻ-ʜɵɻjtæfŋɵdzʃ t tsʰ lz* ʙʳ dzʃ ʙtsdɸj ʕɵlsjɢtstæʃʯdzː çl j əʃʜʃdʒə dʒɵɡdɸlsʃʟdʒj dzʍʃ tsʜdzʍsɢts ʷʷ ɡ¹lsɵ fŋjststʷʰ jɢtsədzʍʃdʒɵdzʍʃʷ ɡ¹ɵʜjdʒʃʃè.

ɻ-dzʍɻ ɵʟts ətsʟdʒʑʰ jdzʍzts lɵʸəʃdzːçl j tʃtsdzʍʃdʒɵʸ, ʯjɢtsʜtsʙʃəɵjlsfŋʷ ʕtsdʒʃfŋɲʃʷ. ɾ fʃɲdzʃ ʃʃdzsjtæj fʃɲdzts əʃʜjlsᵘ ʕtsdzæzlzdz fʃɲʃʃ ʃʃfŋsjtæʃʯdzː ⵣ, lsts ʜdzʷ ɻlststsdɸj lstæjʙlzjlsfŋʸ fŋtsʟʜɵɵɵlsᵘ dzʍʕɡ¹tsʔ fŋʃj ʯʃɡɵdz dzʍsʔ ʕtsdʒʃfŋɲʃʃè.

ɻ-dzʍɻ j ʕɵdzʸ j **, ʰ j ʷʷ ʕdzʃdzʍʃʕʃ ʃ lsjdz-ɾ ʲʸ ***, lɵʸəʃdzː çɻ j tæᵍ , ʯlsts fŋzʰ j fŋjəzjls ʕɡ¹tsj-lsts dʒɵɡdɸlsʃʯj fŋʃtsj ədzʍʷdzʍʃj, dzts ʕ dʒjʜʃʯʃdɸ tsdzts tʃtæʃdʒjdzʍʃdʒs ʙʳ lsᵘ dɸ dʒsʏjlsè. ɪ tæɵəʜɵ, dzɵ fŋɲdɸjʜlzᵝ ʰ j dʒʟɵfŋjʜɵdzʍʃ tsdzʯʃjtæj dʒjdzʍʃdzfŋətsj dʒɵdɸjdzʍʃj. ʕ lsɵtʃjtæj dʒjdzɵʙʳ dzɵfŋʷʟɵdzʍɵfŋtsʃʳ lsɵdʒʃ, ʕtslststɛʳ j tsdztsfŋzʰ j fŋjəʃdzəfŋɲjʜ lɵʃʟəjfŋjsdzː dʒdʒɵɡdɸlsʃʟjtætsdʒʙɵætsdzʍsdzʃ ᵝ tʃtslsᵘ **** ə tʃɵæʃʏ fʃʕtsdʒ ɢtsfŋʃʃʃlsɵdɸj ʃ lsjdz-ɾ ʲʸ.

* ɾ tsʰ lzɾ ɵdzʍ(Jean-Andre Rochoux, 1787ð 1852) ð ʷʷ tæɵdzʍɻzʟfŋʃʕʃ dɸətætsdzʍsɢː.

** ɾ jʕɵdʒʸ jɾ tsʟjʷ ʂ dzʍsʜ ɸ dzⵣjdz dʒ(1774ð 1852) ð ʰ jʷ ʕdzʃdzʍʃʕʃ ʃ lsjdz-ɾ ʲʸ, ʃʟəjfŋjsdzː ʔ ⵣʃtæzteɡʃ, tʃtætsʷjfŋɲtstɛdʒjʜʃʯʃdzfŋʃtsɡʰts ʷ-lsɵɪ ɵæʃʏ fʃʕtsɡʰts lzdzʍəjtæfŋɻlsjlsɵʃʂtsdzɸjʏʜj ʌ tæɵdzʍɲ(1826ð 1830).

*** ʃ lsjdz-ɾ ʲʸ ð ʙlzʕəɵdzʍdzts ð tsʙʃlsjdz ʙtsɡɵ ****ɾ .ɾ ᵝ tʃtslsᵘ (Dupotet de Sennevoy, 1796ð 1881) ð dʒɵɡdɸlsʃʟjtɛʃʟʃ ʲjʏɵ(ɪjdzɢʃʷ), ʙɵætsdzʍɵʕlsʃədzʍsʜjʔfŋjətsəɵəʰ ʃʔ əts ʌ tæɵdzʍɲʃʃ. ɻ lsjʯɸjdzʍʃj 30 dɸjlstsdzfŋjsʙʃtæɵdzfŋəjʜjdzʍʷ ts dɸjʯjʙdzː ⵣ fŋətsʔfŋjəɵɡ¹ʏʃətslsdzʍsɢts dʒɵɡdɸlsʃʟdʒɵ ʜətsʔ lstæɡ¹lsɵlsts dɸjdʒtsdzdzʍʃʃʃfŋɲdzəʜ.-ɪ jlsjtæʙlztæɢj, ɢʜj, tʃts jɢts fŋdzsəɵdʒ lɵdzʍʃdʒɵʸfŋ dʒɵɡdɸlsʃʯjfʃʕtsʔ tʃtæɡ¹lsʃʕtsʔ, lɵɡʃʃtʃdzslsʃʟʃtætsəɵdz500 ʯjdzsəj ʕ; ə 1820 ɢtsʜlztsfŋzʰ j fŋjədzʷdztædzʕtsətsʜfŋjətslɵdzʍʃdʒɵʸfŋ dʒɵɡdɸlsʃʯjfʃʕtsʔ tʃtæɡ¹lsʃʕtsʔ ʙtsdzdzʍʃʯjʔ ʃ lsjdz-ɾ ʲʸ; tæjʜɡ¹lststɛjʏjdzjfŋʸʯdzsɢts ʃdzdzʃ fŋjstæʃtætsəɵdzʍdzsɢts ʏlztædzʍdzɵ çʃ ɵɡdɸlsʃʯjfʃʕɵʸ ʯjtʃʲè (çLa Chaine rnagnetiqueè). ʏʃlsɵdzdɸjʕʯʃʃətʃɵæʃʏfʃʕtsdʒʟɵdɸj çɸdzjdɸjjè. ʃ fŋdzsədzʍjtæɵʙtslsʳ : çɾlzʕtsətsʜfŋjətsʕʃʟzʯjdzʍʃᵝ ʏʃətslsdzʍsɢts dʒɵɡdɸlsʃʟdʒɵ fŋjsʙtæɵdzʍdzsjʃʟ lstæʃʜʯɵlsʃdɸjlsdzʍʃː tsʯʳ lstsəʃdzʍɵdzʜjdzʍʃʔè (ɪ ʙ., 1856); Manuel de l'etudiant magnetiseur (Paris, 1846); Traite complet de mag-netisme animal (Paris, 1856); Therapeutique magnetique (Paris, 1863).

ɻ-dzʀ lsɑtɕ* dʑ fŋsɢdɑɔ̃ɦɳɑdzɲʸ fŋlsɑ̃tsʔ tsɥjdɑ̃tsʔ. ʃ dzəʳ fŋɕɑlɑdzɲʸ ə lstsdʒfɳdʒʳ fɳɖjɦ, ɥlsts, ʙlzʜᴵ dʒɑɢdʑlsɑʃlɑdʒ tɕjɑdzɛ dʒɑʃdɑɔ[ətstsʙtɑɔɬɑ ɢjdʒʳ dʒɑɢɕjɑdʑstsdʒ ɻɢts əfɲj tɑɔəɑdʑs ɑdzɛɬɑ ɑdzɛɬɑ ɑʃfɲɳdʑɦtsəɑlsᴵ. ɕ[fɳɖzɑʃ dʒʳ ,ð fŋɕɑlɑdz tsɑdzð dʑ tɕjʰ ɑʃdʒɲʸ dʑɑᵁ lsts, lsts dʑɑɲʙlzʜlzls lzɕɬtsɛʷlsᴵ, ɑʃɻ lsts tʃtsfɳɖzɛɬɑ ɑʃls dʑ dʑɑɑtʃtsdzʟlz ɑɕɬɑɑɦjdʒʃɑʃ. ɻʳ ʟɑᵇ ɑʃʰ ɑɢjlsj ʜtsfŋstsɑʃɑdzfŋsəts ɑɕɬɑɑɦjdʒʃɑʃ, ɑʷ tʃtsdʑɑɢɑᵍ , ɥlsts dzɑʃɥjɢts dʑ dʒtsɤɻjɻls ʙʳ lsᴵ ʜtsfŋstsʔdʑjɻ lstsɢts lzɥjɻ dzɑsɢts, ɬtslststɛʳ ʔ ɤɻjɻ dʑɑjɻls lzʟdʑɑɢlsᴵ lsts, ɥjɻɢts tsdzɑdʑ ʟdʑɑjlsè.

ɻ-dzɾ tstɛɤɻjɻ** tʃtɕj ʜtsfŋstɕjɻtɕj ɢʳ tɑɔʟɢtstɛʷɥɑʃəʰ ɑ̃ɔ̃fɲʸ ɑɬɑɔɦjdʒʃɑɬtsə: ɕ[ts lzfŋstɑɔdzɑsəɑdʑjdzɑʃʷ ɑʃfŋstɑʃɑdzɛ dʑ tsʙɔ̃tsʜɑʃɑdʒɑs tʃtɕjɬɑɔɬɑʃlsᴵ tɑɔfŋstsɥɑɔlsᴵ ə ɑɦtɕjɑ fɳɑdʒɑɔɢdʑ lsɑʃʟjɻtɑtsə tʃtɑtsʟəɑʃʰ jɻ "ʰ ɑɦɑdɑɔlsɑɔdzɛ. ɾ jɻʔfŋstəɑʃʷ ʰ ɑɦɑdɑɔlsɑɔdzɑsə fɳjɬɑɔɦjdʒʃɑʃ , ɑʃtsdzɑʃ ʜjɻtɤɻɑɔlsə lsɑʔdʑ fŋʒtsɑʃ fɳɖjɦjʜfŋstəɑ), lstsɢʜɑɔɬɑɢ dʒɑɢɕjɑdʑ lsɑʃʟjɻtɑʳ dʑ tʃjɻtɕj fŋstɑʸ ls ʜtsdʒtsɢɑɔlsᴵ fŋʸ tɑɔfŋstɑɖjɦtsəɑdzɑʃʔ, ʜjɻʔfŋstəʟzʷ ʷəɑdzs, tʃtsəlststɛʷʷ dʑ tʃtɕj fŋstɑɔdzɑdzs: "ɾ jɻ dɑɔʔlsj lsɑɬ, ɬɑɬ dzʳ , ɑʃ tʃtsdʑɥɑʃlsj lsj ɤɻjɻ tɕj ʟʟdzʟlsɑɔlsʳ "è. ɹ ɑɔlsj dʒtsdzʜtsʙɑɔɑʃdɑɔ çɬ lstsɑʃlsjɻʰ jɻ tsʙtɑɔlsɑʃlsᴵ əɑdzɑʃdʒɑɔdzɑʃjɻ dʑɑɔ lsts, ɥlsts lɑᵇ ɑʃlsɑdzɑʃɬɑɔdʒɑʃ ɤɻɑʃətslsɑdzsɢts dʒɑɢɕjɑdʑ lsɑʃʟdʒɑɔʷəɑdzᵛᵚ lsfŋʸ lsj, ɬlsts dʑɑʙdzʰ ʜɑɔdzɑʃ ɑʃfŋɳdʑjɦtsəɑɔdzjɢts, lsj ɤɻjɻ, ɬlsts ɔ̃tsɥjɻ ls ʃtɑtsɑʃʟdʑ fŋlsɑʃjɻʰ ɑʃʔ ɑʃʟ ɑɬɑʃɥjɢts ts dʑ dʒdʑ ʟdʑɑᵇ lsè.

ɻ-dzʃ jɻdʒtsdzjɻ, tslsjɥɬtslststɑtsɢts ʙʳ dzɑdʑʔʙ-dʒjʜɑʃɬtsdʒʃᵚ ʜtsəɑʃɬXVI fŋ1770 ɢtsʜɑ), tʃtsɤɑɔdzsəɑdzɳʸ ɑʃ tʃtɕjʜtsfŋsjtɕjɢ: ɕɥlszʜjdzsʳ fɳʃtɑɔᵇ ɑʃəɑᵇ ls dʒjdzʷ ts dʒɑɢɕjɑdʑ lsɑʃʟdʒjɻ, ɑʷ dʑ ʟdzɑᵇ , ɥlsts tslsəjlsɑʃlsᴵ. ɬ ɑɬɑʙʳ dʑ fɳdzɥɑʃɑdzsfŋ lsɑɬ, ɥlsts, tslsɬdzsdzᵚᵚ tɑɔfŋstɑɖjɦtsəɑdzɑʃjɻ, dʒʳ tʃtsʜəjtɑɔɢdʑ dʒfŋʸ lzʃtɕj ɬlz ə tsfɳɖjtʃdʑ dzɑʃɑʃ ɑʃ tslsfŋsɑɔdzsfŋsɑʃè.

ɻl ʟɑɬdzʸ ɥjdzɑʃjɻ fŋsɑɔtɕj ʔʰ ɑʃʔ ɑʃʟ ɑɬɑɔɦjdʒʃɑɬtsə ɔ fŋstsdzʃtɑtsɑʃʟdʑ fŋʙdʑ fŋsʷfʰ lzᵚ tɕjɥᵘ ə tʃtsdzʟlz ɑʃfŋstɑɖjɦtsəɑɔdzɑʃʷ ɤɑʃətslsɑdzsɢts dʒɑɢɕjɑdʑ lsɑʃʟdʒɑɔ. ʈ jɻɑɬɥɑʃʷ tʃtsfɳɖjɦtsəɑɔdzɑʃʟɑɔdʑjɻʟɑɔdʒɦdzʃlsjɻdzɻdzs. ɹ tɑtsʷjɻfŋstɛ ʌ tɑɔdzɑfŋzɑɔ∫ ɑɔɬɑɔdzʜɑʃ ɑʃtɕjɻʟɑʜjɻdzs ɹ ɑɔdzɑʃɤɻfŋɬtsʔ dʒjɦɑʃɥɑʃdzɑfŋɬtsʔ ɑɬɑɔɦjdʒʃɑʃ ʌ tɑɔdzɑfŋzɑɔ∫ ʟzʙɑdz, fŋstɳdzɑɔʰ ɑʃfŋ dzɑɔlsts, ɥlsts tstʃʳ lsʳ tʃts tʃtɑtsəjɻtɑɬɻ ɑɔtʃtɑʃtsɑdzs dʑ dʒtsɢʟzls tslsdzʃɥɑɔlsᴵ fŋʸ dzɑɔʜjɤɻdzstsfŋjsᴵᵚ ɑʃ dzɑɔʜdʑɤɻɑɔᵇ ɻʔ lstsɥdzstsfŋjsᴵᵚ , tslsɬɑɔlɑdzʃfŋ tslslzɥɑɔɳstsɑʃʷ ə ɬtsdʒʃɳɖjɳʃɑʃ. ʜtɕj ʜɑʃ fŋstʙtɑɔʰ ɑʃʔfŋʸ dzɑɔdʒtsdzsəjɻdzɑʃjɻ ətsʟdzɑʃɬdzs ʟɑɔdʒjʰ ɑɔlsjɻdzʳ fŋjsəts.

* ʀ lsɑtɕɾ ɑɔdzɾʃ ɑɔdzɬɻɑɔtɕ (1774ð 1838) ð ərʜɑɔᴵᵚ ʰ ɑʃʔfŋʸ ᵚᵚtɑɔdzɥlzʟfŋɬɑʃʔ ətɑɔɥ, tstʃɑʃfŋɑɔdzfŋɳdzɥɑɔʔ fŋʃtsdzɬsɑɔdzɑzɢts tʃdʑəʒtslststɑɔɬɑʃfŋɑ)

"ɾ tstɛɤɻjɻ (Georget, 1795ð 1828) ð ɑʃʟəjɻfŋsdzɻʔ ᵚᵚtɑɔdzɥlzʟfŋɬɑʃʔ tʃfŋɑ̃ɔ̃[ɑɔlstɛ, tʃtɑɔɬɑʃlsɑʃɬtsəɑᵇ ɑʃʔ ə tʃɑɔdɑɔɬɑʃɤɻ fŋɬtsdʒɢtsfŋʃɑʃlsɑɔdzɻ La Salpetriere. ɾ ɢts tɑɔʙtslsɑɔçʃ tʃtsdzjʰ ɑɬsjdzʃfŋsəjè fɳɥɑʃlsɑɔɻlsfŋʸ dzɑɔɬəʳ fŋɻ ɑʃdʒ ʜtsfŋsɑʃɤɻjɻdzɑʃjɻdzʒtʃfɳɑ̃ɔ̃[ɑɔlstɑɑʃɑʃ.

∫ ɑ⊐⊙ɑ∫ɑzz¸ ts≠ʷ¸jls

Gɑz⊙ɔɑz ? ɔtɑ⊙u¸ɑ∫ʟɔ¸ fɲʂɑzsɑts tʃ⊙ɑɑ∫ɤ fɲʃtsɑts ɑtsfɲʃɑ∫ls⊙ɑzʷ ∫ lsjɑz -⌈ ʲ ʸ, tʃtɑtsʷ¸ fɲɲtstɑɸ ɑzɑɑ∫-∫ ⊙ɑɑ∫ ℑ fɲɲtsɑz (1772ð 1853), tɑ⊙lstsɔ⊙ɑzʟ⊙tʃtɑ∫ʟɑz⊙ɑzɑ∫¸ ɤ ɑ∫ɔtslsɑzsɑts ɑʂ⊙Gɑ¸ɑlsɑ∫ʟɑʂ⊙ ʏ lsts ɤ¸ ¸ɑts ʟzʙ¸ʜɑ∫ɑzs ɔ tɑ¸⊙ɑzɑzsfɲʂɑ∫ ɑʂ⊙Gɑ¸ɑlsɑ∫ʟɑʂ⊙?

Ɪ tsʜɑ∫ɑzʃtɑ¸ʕtɑ⊙fɲɑz ? ʜ¸ɑzɑ GtsfɲʃɑflsOɑz ∫ lsjɑz -⌈ ʲ ʸ tʃtsfɲɑzzɤ ɑ∫ɑzlsjɑ ɑʒtsfɲ¸ɑzɑʕtsɑʒ ɑz⊙ʕtslststɑtsɑʒtʃtɑtsʰ ¸ɑz tʃtɑtsɔ¸tɑʕlz ɤ ɑ∫ɔtslsɑz ? ɑʂ⊙Gɑ¸ɑlsɑ∫ʟɑʒ ɹ lzʜlz∪ɑ∫ ¸ ʰ ¸ fɲɲslzʜ¸ɑzɑstsɑʒ-ɑʒ¸ʜɑ∫ʕtsɑʒ fɲɑzzʰ ⊙ɔʰ ɑ∫ɑʒɔ 1820ð 1821 GtsʜO⊐ ɑz¸ʕu∫ɑ∫ ℑ fɲɲtsɑz⊙ ɔ ∫ lsjɑz -⌈ ʲ ʸ ʷɔɑ∫ɑzfɲʸ ʙ⊙ɑtsɑzɹ⌈ ʁ tʃtslsᵘ ɑ⌈ tʃtɑ¸ʜɑzsɤ ɑ∫ɑzfɲ¸ʙʷ ɔ ʕ⊙u¸ fɲʂɔ¸ ʷʷ ɑzʳ ɑ∫ʜtslsjɑ tɑ⊙ʃ¸ɔlsO ∫ ɑzfɲʕ⊙LɑzɹuʂtsO⊐tsɑu¸ls ɑʂ⊙Gɑ¸ɑlsɑ∫ʟɑʂ⊙ ɹ ʲ lstsGts lzu¸tɑ¸ɤ ʜ¸ɑzɑ∫ʷ ɔ tɑ¸⊙ɑzɑzsfɲʂɑ∫ ɤ ɑ∫ɔtslsɑzsGts ɑʂ⊙Gɑ¸ɑlsɑ∫ʟɑʂ⊙ ⌈ Gts tʃtɑ∫ɑzʷɑzɑ∫ fɲɔʳ fɲʂʕtsɑ¸tɑɑzs? lzfɲɑ¸ʰ ʕts? ɑ⌈ tʃtɑ¸ʜɑzsɤ ɑ∫ɑzɑ∫ tsʜɑzz ʙ¸ʟɑzʜ¸ɤ ɑzs ʙtsɑzɑzzᵍ ʜ¸ɔlzʰ ʕlz. ∫ ɑz⊙ʙʳ ɑz⊙ɔ ʕtɑ⊙? ɑ¸ɑ? fɲʂ¸tʃ¸ɑzɑ∫ ɑ∫fɲʂtsʰ ¸ ɑz⊙ɑ∫ʟ-ʟ⊙ɑ¸ɑtʃtɑ¸ʕtɑ⊙ʲ ⊙ʸ ʰ ¸ ? fɲʸ tɔtslsʳ . Ɪ lsjɤu¸ɑzɑ∫¸ 9 ɑʒ¸ fɲʸu¸ɔ ¸ ¸ ɑ∫ɑzsjɑzfɲɑ∫ɔɑzs ɑ¸ɑ∫u∫ɑ∫ ɔfɲ¸ɑʒ∫ fɲzʰ ¸ fɲʂɔtsɔ⊙ɔʰ ɑ∫ɑʒ∫ ɔ lsts ɔtɑ¸ɑzʷ fɲʃtsfɲʂʙ⊙ɑʒ∫: fɲʂ⊙ɔɑ∫ɑz∫ 1200 tʃɑ∫ʷɔtsʕ, tʃlzfɲʕ⊙ɑz∫ 20 tɑ⊙ʟ ʕtɑtsɔᴶ , tsʙʕɑz⊙ʜʳ ɔ⊙ɑz∫ ɑzʜtsɑʒ ʜ⊙ɔ⊙ɑz∫ tʃtɑ∫ɑtstɑʰ ɑzʷɑʒ∫ fɲɑz⊙ʙɑ∫sjɑz ɑz⊙ɑzsfɲɑ∫ɑ⊐ ɔ tslsʜ¸ɑz ɑzzᵍ tʃ⊙ɑz⊙ɑslz. ⌈ ᵍ tʃtslsᵘ ɑʒ⊙ɑz∫tʃlzɑz∫tɑtsɔ⊙ɑzɑz⊙ʜ ɑ¸ɑ? 20 ɑʒʕɑ∫ɑzzls, tʃtsfɲɑ¸ ɹu¸ɑtstɑɔtslsO⊙tʃtɑ¸ʕtɑ⊙lsɑ∫ɑ⊐⊙ɑ¸ɑfɲ, tʃtsfɲʂ¸tʃ¸ɑzɑtsʜ¸ɔlzʰ ʕO⊙fɲʂ⊙ɑz⊙ tʃtstʃtɑ⊙ɔɑzʷlsᵘ fɲʸ. ∖ ¸ fɲɑ¸ʂslstɑᵂ ɑz⊙tsu¸ɔɑ∫ʜɑzz ? lzfɲʃ¸⊐, tsɑzʙʳ ɑztsʙʲ ʷɔɑ¸ɑzʰ ⊙ɑɑz⊙lsɑ⊙ɑzsɑʒɑ∫ ¸ ɑts ʜ⊙ɑz ɑ¸ʕʰ ɑ∫¸ tstʃʳ lsʳ ʟ⊙tʃtɑ¸ʰ ¸ ɑz .

ɹ ts tʃtɑtsʰ ¸ fɲʂɔɑ∫ɑ ɑ¸ʕtslststɑtsGts ɔtɑ¸ɑʒ¸ɑzɑ∫ ʙ⊙ɑtsɑzɹ⌈ ʁ tʃtslsᵘ (tsʜɑ∫ɑzɑ∫ʟ GɑzɔɑzzɑzɑtsGts ɔtɑ¸ɑʒ¸ɑzɑ∫ ʙ⊙ɑtsɑzɹ⌈ ʁ tʃtslsᵘ (tsʜɑ∫ɑzɑ∫ʟ GɑzɔɑzzɑzɑtsGts ɔtɑ¸ɑʒ¸ɑzɑ∫ ⊐ fɲʂtsɑzʃtsɔ ʷʷ ɑzʳ ɑ∫ʜtslsjɑ tɑ⊙ʃɑ∫ɑ∫, ɹɑ∫lsɔʰ ɑ∫? tʃlzʙɑzɑ∫ɹɑzz ¸ ɑ¸ʕɑ∫ɑ∫ ɔ tʃ⊙ɑɑ∫ɤ fɲʕtsɑʒʟ⊙ɑ¸ç∅ lsjɑ¸ɑ¸¸è, ɑz⊙ʕtslststɑᵉ ¸ fɲʂʙɑ∫tɑ⊙ɑzfɲʸ çɔ¸ fɲ ɹ ⊙ɑɑ∫ɤè) ɔtʃ¸tɔʳ ¸ ɔ ɑʒ¸ʜɑ∫ɹɑ∫ɑzfɲʕts? tʃtɑ⊙ʕlsɑ∫ʕ¸ tʃtɑtsɔtsʜɑ∫lsɔ ∫ lsjɑz -⌈ ʲ ʸ ᵎ ʕfɲʃ¸tɑ∫ɑ¸ɑzs, ʕtslststɑᵉ ? tslsʕtɑᵉ ɑzɑzsɔlzᵍ fɲʂtɑ⊙ɑz∫ɹlz ɔ ɑ∫fɲʃtsɑz ʟtsɔ⊙ɑz⊙ɑ∫ɑ∫ ɤ ɑ∫ɔtslsɑzsGts ɑʂ⊙Gɑ¸ɑlsɑ∫ʟɑʂ⊙ ʕ lstsls tʃ¸tɑɔʳ ? ɑz⊙lzɹuɑz ? tsʃʳ ls, tʃtsɑzzɹuɑ∫ɔʰ ɑ∫? tslstɑ⊙ɤ¸ɑ∫ɑ∫ ɔ ɑz∫lsjtɑ⊙ɑlzɑtɑ¸, fɲʂfɲʂtsʷɑzfɲʸ 7 ɑzsʷʙtɑʷ 1820 GtsʜO⊙ɔ tʃtɑ∫fɲʸlsfɲʂɔ∫ɑ∫ʰ ¸ ʷ⊙ʕɑ∫ɑzɑ∫ʕɑ∫ ∫ lsjɑz -⌈ ʲ ʸ, ɑ∫ʟɔ¸ fɲʂɑzsGts ⊐ɑ∫tɑlzɹtɑGʃ⊙ tʃtɑtsʷ¸ fɲɲtstɑ⊙ɑ¸ʜɑ∫ɹɑ∫ɑzfɲʕtsGts ʷ⊙ʕlzɑz lsjlsO∖ ⊙ɑɑ∫ɤ fɲʕtsGts lzɑʕɔ¸tɑfɲɑ∫lsjlsO⊙ɑ∫ ʂ tsɑz¸ɑ¸ɤ ʜ¸ ʌ tɑ⊙ɑzɑfɲɹ tsL¸ʷ⊙t¸ʕ⊙ɑz¸ ¸ .

18 ɑ¸ʕlsɑzʷʷ ʜ¸ɔlzʰ ʕ⊙tʃts ʷ⊙ɑʒʃɑzɑ∫ʰ ʁ⊙ɑʒʃɲʂɑzʙʳ ɑz⊙ʟ⊙ɑʒʃtʃɑzslsɑ∫ʟɑtsɔ⊙ɑz⊙⌈ ᵍ tʃtslsᵘ . t¸ʕ⊙ɑz¸ ¸ ʜtsʙtɑtsfɲɔ¸ fɲʂɑzs lstɑʷfɲ¸ʰ ɑ∫tʃ⊙ɑzɑ∫ ʕtsɑzsɑzʜ¸ɔlzʰ ʕlz ɑ∫Gɑzs?, ɑzs tsɑz⊙ɑzɑ∫u¸Gts ɑ¸ʕ uzɔfɲʂɔtsɔ⊙ɑz⊙ ʕ lsts ɑ¸ʕɑʒ⊙ɑzs ¸ Gts lzʜɑ∫ɔɑ∫ɑzs, tsʜɑz⊙ʕts ɑ¸ʕ ʜ⊙ɑzs tʃtsɔtsʜ⊙lzfɲʂɑʒɑzɑ∫lsᵘ fɲʸ ɔ tʃtsʜɑzɑ∫ɑzɑzsfɲʂɑ∫ tʃtɑtsɑ∫fɲ⊐tsʜʷʰ ¸ Gts. ⌈ ⊙ɑz¸ ¸ ɑz⊙ʕtsɤlz ʜɔlz⊐ ʙtsɑz ɑzʳ ⊐, tʃtsGtɑzzɤ¸ ¸ ɑzɑz⊐ ɔ

ৰ ড় তৱ৹ফ্ষ্ত৺ ৰ্ড় ড় ৰ্ডস্ত৹ ঘ্ড়ড্ড়ৰ্ড়ৰ্ড়ৰ

ɗz ⊐ fʁ j lsɖʃɗzɗzʝ нɖʃцɖʃɗz ţ j ʕʘɗʒ j , ɗzɑʃʕtsɢʰʜʘɗʝ нtsʃʃzfɲʕʘᵊ ɖʃ? ɗʒʳ fɳɑzʃ ts tɐʝ ʘɗz ɗzʂsfɲʂsʃ ɤ ɖətslsɗzʂsɢts ɗʒʘɢɗʝ lsɖʃʟɗʒʘɖʃ j ʰ j j ɢts ɗʝ ɥʝ в ɗzʂsɢts ʟɗzʘɥʝ ɗzɑʃʷ, вʅzнʅzɥʃ fʁɖʃнj lsj ɗʝ ɗʒɗʝ tsвʳ ʕɗzʂəj ɗzɗz ⊐ tɐʝ ʟzɗz lsʘtstsə, ʧtsɗzzɥʝ ɗzɗz ⊐ ə ∫ lsj ɗz -ɾʲ ʸ, ɖfɲʕtɐʝ ɗzɗʝ fɳsʟɗzʘɗfɲʸ: ɕ(ʧtsʕtsɗʝ в ɗʝ ɗzə fʁtsɖ⊐ əʟɢɗzʷʜʘ⊐è. ∫ нɗzʘʕts ʧtɐtslsɖəɗzɑʃʕɖʃ ɤ ɖətslsɗzʂsɢts ɗʒʘɢɗʝ lsɖʃʟɗʒʘtslsʕʘʟʳ əʘɗzɖfɲ əʝ tɐɖʃlsᵘ ə ʧtsнɗzɖʃɗzɗzsfɲʲ ʲʕfɳʧʝ tɐɖʃɗʒʝ ɗzstsə, ʧtslstsɗʒz ɥlstsfɳzʰ ʝ fɳʲətsəʘɗzɑʃʝ ɗʒʘɢɗʝ lsɖʃɥʝ fʕfɳʧtsɢts ʷʷ ɗz ɖнʘʕʘʟʘɗzsfɲ ɖɗʒɗʒ ɗʝ ətsʟɗʒtsɤ ɗz ɗʒfɲlstsɥʕɖʃ ʟtɐʝ ɗzɑʃʷ ɗʝ ʔtɑtsʷʷ ɖʃʟɖʃtsɗzsɢɖʃ. (ʁ tsɗzɑʃ вʳ ɗzɑʃ ʧtɐʘᵊʳ , əʝ нᵘ ʷʷ j ɗzʂsɗʒʝ ɗz tsвʝ ʟвtsɗzɑʃəʘɗzɑʃʷ ð ʧfɳɑʃ⊐tsɗzsɢɖʃɥʝ fʕfɳʧtsʔ ʧtɐɖʃtɑtsнʳ , ɖʃ ɗzɑʃʕʘʕtsʔ ʷʷ ɗz ɖнɖʃɥʝ fʕfɳʧtsʔ ɤ ɖʃнʕtsfɲʂsʃ ɖʃʟ ɗʒʘɢɗʝ lsɖʃʟʝ tɑtsə ʧtɐɖʃ ʲ lstsɗʒɗʝ ɖʃfɲʂsʝ ʕʘʝ ls.) ʂ ɗzʂsʕʝ tslsəʝ lsɖʃɗz, ɥlstsˌ ⊐tslsʷ tsɗzɗʝ ɗʒtsɤ ʝ ls ɗzɑʃɥʝ ɢts tsвʲ ʷfɳɑzʃlsᵘ , ɖʟɗzʂɤ ʝ ɗzɑʃʝ ʝ ɖʃɗʒʷʷʘʕlsʳ ɗʝ tsʧtɑtsəʝ tɐɤ ɖʃɗʒʳ ɖʃ ɥlstsˌ çɖfɲʂsʃɖzʘˌ ʕʘʕtsʔ вʳ ɗʝ əʝ tɑtsʷlsɗzʂsʔ tsɗzʘɗzɑʃ ʕʘʟʘɗzɢfɲ, tsfɲʂsʘʝ lsfɲʸ, lsj ɗʒɗʝ ɗʒj ɗʝ j , ɖfɲʂsʃɖzʂsʔ, ɖʃ tsɗzʘʜtsɗzɤ ɗzʘfɲʂsʘlsᵘ нtsfɲʂtsʷɗzɑʃʝ ɗʒɢɗzʘfɲɗzʂsfɲʂsʃɖʃè (Cloquet, 1929, tɕ. 131ð 134).

ʅ ʘʜtsʟɗzʘlsᵘ ɾ ᵡ ɗzʷ ɾ j tɐɗʒj ɗzʘʂ ɗzʂʕj (Cloquet, 1790ð 1883), ʧtɑtsɖʃfɲ⊐tsнɖʃəʰ j ɢts ɖʃʟ вtsɗzʰ tsʔ fʁj ɗʒʲ ɖʃ ʷʷ tɐʘɗzɑʅzʟfɲʕɖʃ⊐ ətɐʘɥʝ ʔ ʂ ɗzʂʕj . ʃ нɗzʂʔ ɖʃʟ tsfɲʧsвʝ ɗzɑzʂsfɲʂsʝ ʔ j ɢts ⊐ʘɐʘʕlsj tɐʘвʳ ɗzʂ ʧtɐɖʃfɲʂtɐʘɢfɲʂsɖʃj ʕ ɗzʂəʘlststɐfɲʕɖʃɗʒɗʒʝ lstsнʘɗʒ ∫ ɗzɑвʳ ɗztsнɗzɖʃɗʒɖʃʟ ʧj tɐəʳ ⊐ ʷʷ tɐʘɗzɑʅzʟfɲʕɖʃ⊐ ətɐʘɥʝ ʔ, ʧtɐɖʃɗʒj ɗzɖʃəʰ ɖʃ⊐ ɖʃɢɗzʂlsj tɐʘʧɖʃᵡ ; ʧtsвʳ əʘɗzʅz ɻ ᵡ ɖʃfɲjɢᵟ tɐʘə ɹ ᵡ ʟʘɗzfɲɖʃ ɖʃ ʕʘʕ tsɥj əʝ нj ɥ tsʧɖʃfɲʘɗzjɢts ɻ ʕfɳʧj tɐɖʃɗʒj ɗzʂʳ , ʧtsfɲɗzj ɥj ɢts ʅzəɗzʕʕfɳʝ ɗʒʘɢɗʝ lsɖʃʟʘɥɖʃj ʔ . ʜ ɗzɑʘɥʘɗzʘʂ ɗzʂʕj ð ʧtɑtsʷʷ j fɳfɲtɕ lsj tstɐj lsɖʃɥj fʕfɳʧtsʔ ⊐ɖʃtɑzɑtɑɢɖʃɖʃ, ʟʘlsj ɗʒ ə 1834ð 1841 ɢtsнʘ⊐,ð tstʧj tɐʘlsɖʃəɗzʂʔ ⊐ɖʃtɑzɑtɑɢɖʃɖʃ ɗzj нɖʃɥɖʃɖzfʕtsɢts ʷʷ ʘʕʅzɗz lsj lsʘɻ ʘɑɖʃɤ fʕfɳʧtsɢts ʅzɗzɑʃəj tɐfɲɥʧlsj lsʘ, ʟʘəj нʅzᵡ ʰ ɖʃʔ ⊐ɖʃtɑzɑtɑɢɖʃɥj fʕfɳʧtsʔ ʕɖzʃɑzɑʕʕtsʔ ∫ lsj ɗz -ɾʲ ʸ, нtsfɲʂsʘᵊ ʰ j ʔ fʲʸ j ɗʒʅz ə ɗzɢfɲɖʃj нfɲʂəts tsls ɾ ᵡ ʧᵡ ɖʃlstɐj ɗzʘ) fɲɥɖʃlsʘᵊ ʰ j ʔ fʲʸ ɢɗzʘəɗzʂʔ ⊐ɖʃtɑzɑtɑɢɖʃɥj fʕfɳʧtsʔ ʰ ʕtsɗzʂʔ ə ɗʒʧtɐj . ∫ ɗz ɗzʘʟɗzʘɥʧʝ ɗʒfɲlʂsʃɲʸ ə 1851 ɢtsнʅz ɗzj ʔ в-⊐ɖʃtɑzɑtɑɢtsɗʒʅ ʘʧtsɗzj tsɗzʘIII, fɲ1855 ɢtsнʘɖʃʟвtɐʘɗzɥɗzj ɗzʂɗʒ ʌ tɐʘɗzɑʅzʟfɲʕtsʔ ʘʕʘнj ɗʒʧɖʃɗ. ɾ ɢts fɲ ɗzʃ ʅzɖʃ ʂ ɗzʂʕj (1818ð 1856), ɗzj ʔ в-ɗʒj нɖʃʕ ʧj tɐfɲɥʃнfɲʕtsɢts ʰ ʘ⊐ʘ) tstɑɢʘɗzʧʟtsəʘɗzə ʊj ɢɻ tɐʘɗzj ɗʒj нɖʃɥɖʃɖzfɲʕʅzᵡ ʰ ʕtsɗzz.

ʃ ɢɗzʘᵊ j ɗzɗzʔ ʔ ʟɗzʘɗʒj ɗzɑʃʲ ɗʒ⊐ɖʃtɑzɑtɑɢtsɗʒʷʷ ʘʕʘlsв ʳ ɗzɗzɑfɲʧtsɗzʔ ʕts ɗzj əj tɑtsʷlsɗzʔ ɗʒ ɥlstsʂ ɗzʂʕj əlststɑʃɥʘɗzs ʧtɐʃɢɗzʘfɲɥʃɖzɑʃ ɖʃʟɗzʂɤ ɖʃʃ j нɖʃɥɖʃɖzfʕtsʔ ʘʕʘнj ɗʒʃɖʃ ʧtsнtɑtsвɗzʂfɲʧsʃ ʧtɐtsəj нj ɗzɗzʔ tstʃj tɐʘɥɖʃɖ. ʅ ʘfɲj ʔ tɐʘʟ tsɗzʕʧtɐj нfɲʧʘəɖʃɗztsʷ ɖʃɥɖʃʘᵊ ɖʃɗʒʃ ə tstʃj tɐʘɥɖʃɖ ətɐʘɥʘɗʒʃ. ʕ lstsls tslsɥj ls вʳ ɗztʃtɐj нfɲʧʘəɗzj ɗzəʧ ʕʘнj ɗʒʃɖʃ ⊐ɖʃtɑzɑtɑɢɖʃɖʃ, ʕ fɳɥtsəʅz, fɳвtsɗzʰ ɖʃɗʒʃ lstɑzнɗzʂsfɲʧʷɗʒʃ tslsнj ɗzɖʃəʰ j ʔ fʲʸ

1731 et 1732 sont les années où il a été le plus fréquemment question de cette maladie. Les archives générales de médecine, t. XX. p. 131 et suivantes.

Plantin, (Plantin), est mort le 64 juillet 1828 et a été inhumé le 1er août de la même année, à l'âge de 64 ans. Il a été remplacé par Chapelain. (Chapelain). Il est mort le 23 août 1829 et a été inhumé le 12 septembre de la même année.

1829

Il a été nommé le 2 décembre 1829 et a été remplacé par Pailloux (Pailloux) le 10 décembre 1829 et a été inhumé le 12 décembre 1829.

ʃ ɑ[⊐Oɑ[dzzɻ tsǂ?ʷʷ ɻ ls

ɹ lsɻ ʮɻ dɷɑ[ɻ ˡ lstscɑ̂ts ɘtɑɻ dʒɻ dɷɑ[ʙtsdz dɷO˅ fɳʃtsʕts?dɷs tɷO˖LɑtsɘO˖ɷɑ[ɘO˖dɷOfɳ⊐ɑ[tɷdztɷɑGO˖dʒɑ[ɑ[dɷɻ tsʙdɷO˖dɷzʞ ɑ[ɘO˖dɷO˖dɷɑ[dʒO˖dɷɻ ?ʰ ɑ[⊐ tʃtɷɑ[ʟdɷʕtsɘ ʙtsdɷɻ ɘts? ʮʊzɘfɳʂɘɑ[lsɻ dz dɷsfɳʂɑ[: ʜɘɑ[ʞ ɻ dɷɑ[? ʕO˖ʕɑ[⊐-dɷɑ[ʙts tsdɷO˖dɷɻ tʃtɷtsɑ[ʟɘtsʜɑ[dɷO˖) ɘʳ tɷO˖ʞ ɻ dɷɑ[ɻ dɷɑ[ʮO˖ʙʳ dɷs fɳʃtsʕts?dz dʒ ʜʳ ⊐O˖dɷsɑ[ɻ ɑ[ɠtsdɷtsfɳʙʳ dɷɑ[tɷtsɘdz ɻ . ɪ tɷɑ[dʒɻ ʮO˖sɻ dz dɷs, ʮlsts, ʕtsɠHO ⊐ɑ[tɷdztɷɠ tʃts tsʕtsdɷʮO˖dɷɑ[ɑ[tstʃɻ tɷO˖ʮɑ[ɑ[fɳɡʳ ɘO˖dzɠ̂lzʙʕts? ɘtsʕtɷdzɠ tɷO˖dz ʕtɷtsɘᴵ , ʙtsdz dɷO˅ dɷɻ fɳʃtsdz ʕts tɷO˖L fɳʃO˖LO˖dɷO˖ ç ɸ ⊐, tsfɳʂO˖ᴵ lsɻ , dɷɻ ʰ ɻ ʕtsʮɑ[ɑ[lsɻ dʒɻ dzʷè . ɪ tsfɳɡɻ dɷO˖dɷsʞ ɻ dɷɑ[ʷ ʰ ɘtsɘ ʞ ɻ dz̈ ɑ[dɷz tʃɻ tɷɻ dɷɻ fɳɡɷɑ[ɘ tʃtsfɳʂɻ dz ɘ lstscʒʞ ɻ fɳʂscʒɷ̂O˖ʒʙlzɷɑ[ʮɻ fʃtscʒ fɳʂfɳʂtsʷ dɷɑ[ɑ[ɑ[lsO˖ʕ tsfɳʂO˖ɘɑ[dɷɑ[dɷO˖48 ʮO˖fɳʂɘ.

ɻ -ʞ O˖ɪ dɷ̂O˖dɷsɑ[dzɷ̂dɷ̂O˖ʰ ɻ fɳʂscɷ̂O˖ʜʮO˖lsʳ ʔ ʜɻ dz̈ tʃtsfɳɡɻ tsʃɻ tɷO˖ʮɑ[ɑ[lzdʒɻ tɷdɷ̂O˖tslsʕtɷdɻ ɘtɷɑ[lsO˖ ʍtslsʷ tʃtɷɑ[ʮɑ[dɷɷ̂O˖ɻ ɻ fɳɡʒɻ tɷlsɑ[, ʙɻ ʟlzfɳɡɷtsɘdɷs, dɻ ʟO˖ɘɑ[fɳɻ dɷ̂O˖tslstsʃɻ tɷO˖ʮɑ[ɑ[, lzfɳʃɻ ⊐ tsʃɻ tɷO˖ʮɑ[ɑ[ʂ dɷsʕɻ ʙʳ dztscdʒɷO˖ʮɻ dz̈ .

ɹ ɻ fɳɻ dʒO˖dz̈ ʙtsʃʳ lsdɷ̂O˖ɑ[fɳʂtstɷɑ[ʷ ɻ ɻ ɘfʃʕtɷʳ lsɑ[ʷ. ʊ lzdʒɻ tɷʰ ɻ ʔ tsfɳʂO˖dɷ̂O˖fɳɻ ʜtsʮᴵ ʕtsʷʷO˖dʒɑ[ɑ[ɑ[dʒzʞ Θ ʃ O˖ɠO˖dɷʜtɷ (Lagandre). ɾ ɑ[ɘʷ ʜO˖dɻ ʕtsʮtsɪ O˖ɷɑ[ʞ O, tsdɷ̂O˖dɻ fɳɷO˖LZ fɳɡʒtsɠdɷ̂O˖ʃtɷɑ[ɻ ⊐Oʂᴵ . ɪ ɻ tɷɻ ʞ ɑ[ɘO˅ ʃtsʂɻ tɷʳ dʒO˖sɻ tɷɑ[, tsdɷ̂O˖ʃtsʮzɘfɳʂɘtsɘO˖dɷ̂O˖fɳɻ ʙʷ ʃdɷs⊐ts, ɑ[z, O˖ʃɻ dɻ dzɷtɷɻ ʰ ɑ[dzdʒO˖ɠ̂dɻ ʂɑ[ʟO˖ʮɑ[ɻ ʔ tsʙdɻ ɠ̂ʮɑ[ʂᴵ ɻ ʔ ʃtsdɷsʞ ɻ dɷɑ[ɻ . ʂ tsɠHO˖tsdɷ̂O˖tsʕtO˖LO˖dɷ̂O˖fɳ ɘ fɳʂfɳʂtsʷ dɷɑ[ɑ[fɳʂdʒɷ̂O˖dʒʙlzɷɑ[ʟdʒO˖ z, O˖ʃɻ dɻ dzɷʃtɷsfɳɑ[dz

ð ʂ O˖ʕɑ[ɻ tstɷɠ̂O˖dz̈ ɘO˖ᴵ ɻ ʔ dʒO˖sɻ tɷɑ[ʃtstɷO˖ʞ ɻ dz̈ ʙtsdɻ ʟdz̈ʁ ?

ð ɪ tɷO˖tsɻ dɻ ɠ̂ʕtsɻ ɻ ɻ fɳʞ O˖sts, tsʕtɷdzʞ ɻ dɷs ʕdɻ ʔ ʕts? tsʙtsdɷs ʮʕts? ɑ[ʃɑ[dɷO˖ɘO˖ʞ ɑ[ʜʕtsfɳʂɑ[, dɷs dʒʂʷ dʒO˖sᴵ ʙtsdz ʰ ɻ ɘfɳɻ ɠ̂ts fɳʂtɷO˖ʜO˖ʞ ɘtsls lsʒls (tsdɷ̂O˖ʃtsʕO˖LO˖dɷ̂O˖dɷɑ[ʞ dz̈ ʁ ʮO˖fɳʂᴵ ʃtɷO˖tsʔ dɷsʃO˖sʕɑ[). ɪ tɷO˖tsɻ dɻ ɠ̂ʕtsɻ ʟzʞ ɻ dɻ ʜʳ ʰ ɑ[ls, tsdɷs ʒdɻ tɷdɷs... ɾ fɳʂᴵ dɻ dʒdɷsɠ̂ts ɘtsʜʳ ɘ dʒɻ ʰ tsʮʕɻ ts ʕtsdɷs fɳɻ tɷʜʮO˖

ð ɹ ʕO˖ʕtsdʒfɳʂfɳʂtsʷ dɷɑ[ɑ[ʜtɷzɠ̂ɑ[ɻ tstɷɠ̂O˖dz̈ ?

ð ɾ ɻ dzʜtsʕ ɑ[ʕɑ[ʰ ʕɑ[ʟHtstɷtsɘʳ , O˖ʃɻ ʮɻ dz̈ fɳɘɻ tɷ⊐ʟ ʙɻ dɷO˅, ʙɻ fɳɻɘɻ lsdɷ̂O˅.

ʂ O˖ʕᴵ lsts ʮO˖fɳʂts ʙʳ ɘO˖ɻ ls, dɷ̂O˖ dɷɑ[fɳ dz̈ ʙtsʃʳ lsdz̈ ɻ : ʜɘO˖ɘtɷO˖ʮO˖tɷɻ ʰ ɑ[dɷɑ[ʃtɷtsɘɻ tɷɑ[lsᴵ ʃtsʕO˖LO˖dɷɑ[ʷ fɳʂdʒɷ̂O˖dʒʙlzɷ̂dz̈ ts fɳʂfɳʂtsʷ dɷɑ[ɑ[ɘdɷ̂zlstɷɻ dɷɑ[ɷ̂⊐ tstɷɠ̂O˖dtsɘ. ∫ dɷɑ[ʃtsdɷzʮɑ[dɷɑ[fɳʂɠ̂dɷ̂O˖fɳɑ[ɻ tɷtsʜdz̈ ⊐ dɷ̂O˖ɘfʃʕtɷʳ lsɑ[ɻ lsɻ dɷ̂O˖ɘfʃʕtɷʳ , ʘtʃɻ ʮɻ dz̈ ɷʃɻ ɑ[ɻ ɻ ɑ[ɘɻ ɻ ɑ[ɑ[ɻ ɑ[ɑ[ɻ ɑ[ɑ[

ç lstscñts z¸ Ơfj¸dzj¸dzzslsəj¸dzj¸j¸ ə fɱsfɱjнdz» ʁ ʕtscʒdzƠslz, cʃ, dzj¸fɱdzʒslstc«w dzƠçlsts, tscdzƠəcʃнj¸dzƠʃtɑtscʃfɱʃtsнwfh j¸j¸
ʃtɑcʃ əfɱʃtɑr lscʃcʃ.
ş ƠʃÍ lstscdz»ʕts dzƠuƠdzsfɱ əfɱʃtɑr lscʃj¸, tscdzƠLƠñtsətstɑcʃdzƠ
ð ɪ ƠujcdʒtscdzʃtɑƠfɱʃtɑr əƠr lsñtɑdzнu ʃtsfɱjtɑj¸нcʃdzj¸, ʕtsñнƠʃtstɑƠɬj¸dzʃj¸ ə ʃtɑƠətsʔ ʃtscdzsəcʃdzj¸ ñtɑdzнcʃ...
ɪ tsʕƠLƠdzʃw fɱscdzdzƠdʒʁlzdz ʁr dzʃ lstsɥdz¸, ts ɥujcdʒfɱəcʃнj¸lsj¸dz fɱjsəlzj¸ls əj¸нh cʃʔ ʃtɑtslstsʕtscdzəfɱʃtɑr lscʃw н-tɑ
ʃ tɑƠdzfɱɱɑ. Ɪ tslsñdzƠədz j¸ cʃL dzj¸ñts cʃLədzj¸ɥujdzʃw:
ç1 tɑtslstsʕtscdzəfɱʃtɑr lscʃw lsj¸dzƠñ-ɤcʃ ɪ dzƠdzscʃdz¸ 29 Ơʃtɑj¸dzw 1829 ñtsнƠ ơsj¸dzts ɤ¸j¸dzstsəƠlstsˉʁdzj¸нdzsj¸,
fɱʃdz dzts ʃtsˉlzнj¸əh j¸j¸. ʈ ƠdzƠdzƠ3/4 ɥcʃʕƠlstɑcʃLtsəƠdzƠ; ʃtsəj¸tɑˉdzsfɱlsu j¸j¸ ʃtsʕtɑr lsƠdʒwfɱdz¸ dʒʃ fɱsfɱsɥʕƠdʒʃ
ˉtstɑtsh j¸ñts fʁtsʔ fɱlsəƠ ş tɑƠv tɑƠdz¸ ʃdzsfɱʃcʃ cʃ ʃtsʕtɑr lsr tɑlzʁ ɥtscdʒdzsətsñts tsʁtɑƠLtsəƠdzʃw. ɪ tɑcʃ əfɱʃtɑr lscʃcʃ
ñtɑlzнcʃ dzƠʔнj¸dzts, ɥlstsʃtscdzsfɱlsu ʃdzj¸ətɑr ʃtɑƠətsʔ fɱststɑtscdz¸ dzƠʃtscdzdj¸dzƠdʒlsdzsʔ ədzƠñtsʔ; fɱlsj¸dzʔcʃ
ʃtsʕtɑr lsr dʒwñʕcʃdʒɤcʃtɑtsəcʃнdz¸ dʒər ʃtslstsdʒ ə tsfɱsʁj¸dzdzsfɱlscʃ fɱƠнcʃ; dj¸ñʕtsj¸ ʃtscdzdzsfɱlsu ʁ fɱɤƠdzsfɱ;
dzƠнtɑj¸Lr , fɱnj¸dzƠdzdz¸ j¸ dzƠLƠнdzʃˉ j¸ñts нtscdzwˉ, tsʁdzƠdzɤcʃəƠv lsʃtɑcʃLdzƠʕcʃ ətsfɱʃƠdj¸dzʃw dj¸ñʕtsñts;
tslslslzнƠər lsj¸ʕƠ¸lsɤcʃнʕtsfɱlsu fɱjtɑtsLdzts-ñdzʔdzƠv, dʒj¸fɱlsƠdʒʃ ʁj¸dztsəƠlsƠv, dʒj¸fɱlsƠdʒʃ fɱjtɑtsəƠlsƠv... Ɪ tsLdj¸
fɱjtɑnj¸ɥdzts? fɱlzdʒʕcʃ fɱtsnj¸tɑɤcʃlsfɱy tsls 3ð 4 lzdzɥcʃʔ ɤcʃнʕtsfɱlscʃ...è cʃ ls. н.
ʉ dj¸нlzg lsʃtsнʃcʃfɱʃ.
ʃ ʃcʃfɱƠdzdz¸ j¸ fɱtsʁr lscʃw əLwlsr cʃL ʕdzʃcñcʃ: çEssai de Psychologie physiologique, par Chardelè (Paris, 1844, pp. 260ð 264 cʃ 277ð 283 ect.)\
ş tsñнƠн-tɑş dztsʕj¸ cʃLdzƠñƠdzdzƠLñfɱjнƠdzʃcʃ ƠʕƠнj¸dʒʃcʃ tɑj¸Lzdz lsƠls fɱptsj¸ʔ tsʃj¸tɑƠɥcʃcʃ, ɥcdj¸dzƠʕƠнj¸dʒʃcʃ
ʃ Ơdtɑtɑj¸ʔ (D. J. Larrey, 1766ð 1842) ʃtɑj¸tɑəƠdzj¸ñts LƠdzj¸ɥcƠdzʃj¸dʒ; çʕ lsƠñtsfɱʃtsɤƠ¸əj¸tɑtswlsdzts,
ʕtscdj¸нcʃƠdzsʕƠ..è ʈ j¸ʃdzcʃʕƠtsLdzƠɥcƠdzƠ; ɥlstsʃ Ơdtɑtɑj¸ʔ dj¸ нtsəj¸tɑwj¸lsñcʃʃdzslsʃɥujfɱʃtsʔ Ơdj¸fɱlsj¸Lcʃcʃ.. Ɪ Lwə
fɱcdzsəts, ʃ Ơdtɑtɑj¸ʔ ər tɑƠLcʃdzfɱtsɤƠdj¸dzʃj¸, ɥlstsəj¸dzcʃʕcʃʔ ş dzsʕj¸ ʃtsнƠdzfɱy dzƠʃtsнtsʁdz¸ j¸ ww tsʕlzfɱ . çş ƠʃÍ
нƠdj¸ʕts ʕtstɑr fɱlsu cʃdzcʃ ww ƠdzƠlscʃLdʒð ətsLdʒzh Ơdzfɱy tscdzð dʒsñdzlsLƠəj¸fɱlscʃ dz нj¸ʔ ə cʃˉ fɱʃtsfɱtsʁdzsfɱlscʃ
fʕtɑr əƠlsu ʁtscdz. ɪ Ơɥcʃj¸dzsʕƠə нƠdzdzsdʒfɱdlzɥcʃ ʁr dzƠdj¸ ɥj¸dʒcʃcʃdz ʒ ʕƠʃ ʃtsfɱtsʁdzʃɥj¸ʔ dʒƠñdj¸lscʃLj¸tɑƠè.
ʏ lstscʃ ñtsətstɑcʃlsu, dʒdj¸dzʃj¸ tsfɱdzsətsʃtscdzsɤdzʃʕƠʃtscdj¸ətsʔ ˉcʃtɑlztɑñdʃcʃ ʃ tscdʒʃdzʃʕƠʃr ƠdzƠʃ Ơdtɑtɑj¸w,
ñdzƠədzsñts ʃtscdj¸ətsñts ˉcʃtɑlztɑñƠ
* ʕ lstsɤ¸j¸ fɱtstsʁh j¸dzʃj¸ dʒtsɤ¸dzs dzƠʔlscʃ lz н-tɑƠʌ tsнj¸tɑj¸ (Fodere) ə j¸ñts fɱtsɥʃcʃdj¸dzʃcʃ çSur la Pneumatologieè ə ʃtɑj¸нcʃfɱdzsəcʃcʃ.

wwtɷOɑzɹlzLɾfɲʂtsʔ Oɹɷɑɖʒʃɑʃ, lzɹɥʃɑfɲjsɔtsɔ⊘ʰ jˌɑʃtsɔtsɔfɲjˌ⊐ɔtsjˌɑɖzˌ⊐ˌʕOɑɖʒʃOɑzɷʃʷ⊐ˌlˌ OʃjtsɑɖjˌtsɑɖzOI, tʃtsɔɑɖʃʷɑɖtsɑɖzO tʃtɷtsɹujˌfɲfɲʃtɷɔʃʟɑɖzɷOɑzɷʃʷ ɠɑʃtʃɑɖtsʟO ʃ Oɹɷɷɔjʔ ɑʃɑɖjˌɑzʙtsɑɖzʰ tsʔ ⊘ɔlststɷɑʃlsjˌlsfɲɷjˌнɑʃ ʕtsɑɖɑjˌɠˌ, ɑʃ ʕ jˌɑʃtsfɲɑɖtsɔOɑɖʒɑjˌ ɑʒtsɠɑɖzɑʃ ɑɖjˌ tʃtɷɔʃfɲɑɖzʰ Oɹsᴵ fɲʸ.

ʃ jˌʔfɲjɔɑʃlsjˌɑzˌɑɖtsˌ ɑʃfɲjststɷɔʃʷ ʟɑɖzˌjˌɑʒOɑɖtsˌ tʃtɷɔʃɑʃjˌtɷtsɔ ʙjˌfɲfɲjstɷOʃɲjsɑɖtsɠtsˌ tʃjˌtɷjˌɤʃ ɑʃɔ⊘ɑɖzɷʃʷ ʙtsɑɖzʃ. ʂ Oʕ lszlsɑjˌ ɔfɲtʃtsɑʒɑɖzɷlsᴵ fɲjsɑʜOɹs, ʕtslststɷɾ jˌ, ʙlzнlzɥʃɷʃ tɷ⊘ɑjˌɑzˌ , fɲjstsɷʃɥjˌfɲʕɑʃ lsjˌtɷʃʷlsʙtsɑzˌ, Oɹlsʕʕɤjˌ ɑʃʟɔjˌfɲjsɑɖzᵝ ɑʃfɲjststɷɔʃᵝ tsʙ lzʙɑʃʔɥjˌ ʂ ɑjˌʙjˌtɷO tʃjˌɔʰ jˌɠtstʃtsн tʃʳ lsʕOɑʒʃ, ɑʃɑɖzʃ ɑjˌɠjˌɑzнOɹɷɑɖtsɠtsʙtsɑzʰ jˌɔɑʃʕOнɹ. ʊjˌtɷ-ɻ jˌlstɷɹtsfɲʷɑɖzO(ʂ Oɑʒɹs), ʕtslststɷɹtsɠtsɔ 1907 ɠtsнlz OɹɷˌfɲjstsɔOɑɖzOɠjˌtɷɑʃɑʒɑɖtsʃʕOʷ tʃtsɑɖzʃɥʃɑʃʷ. ɻ tɷˌнfɲjstsʷʰ ɑʃʔ fɲjzн ɠtɷɹsʟɑʃɑzjˌɑʒɑjzɔʳ нOɥjˌʔ ɥʃOɹɷʃʕtsɑʒɑjzˌtʃtɷOɔɑʃlsjˌɑzfɲjsɔlz; ɤjˌjˌɑzOʸ ɑʃʟʙjˌɤʃOɹsᴵ ɻlstsɠts, ʂ Oɑʒɹs fɲʃɑʃʒɑzɑʃɑʃtɷɹsɔOɑɖz ʕtsɤʃɑɖzᵝ Oɑɖjˌfɲjsˌjʟɑʃᵝ ð ʙtsɑɖjˌɔlzᵝ ɑɖjˌɥʃzɔfɲjsɔɑʃlsjˌɑzɑɖzsfɲjsᴵ . ʃ ɠtsʕtsɑɖzsɑʃ ʙlzɑɖzɔʕOɑʒɑʃ, ɤjˌɠɑɖʃ lsjˌɑɖzs tɷOɲʕOɑɖjˌɑɖzˌ ɑʒɑʃ tʃtɷɑzlsᴵ wɑʒɑʃ, ɔrʰ ɑʃtʃr ɔOɑɖʃ ɔtsɑɖzsfɲj , tʃtsнɔjˌtɷɠOɑɖʃ нtɷlzɠɑʃɑʒɑʃɑʃfɲʃr lsOɑɖʃʷɑʒð tsɑɖzɑɖjˌ нtɷtsɠɑɖzɑɖzˌ ɑɖjˌ tʃtɷtsʷɔɑʃɑzʙtsɑɖjˌɔtsʔ tɷjˌOʕɥʃɑʃ.

ʃ lsɔɑɖjˌʕOʸ ɔɑɖzɑʃɑʒOɑɖzʃjˌ tslstsнɑɖzsɠts ɔtʃjˌɥʃOlsɑɖjˌɑzʃʷ ɑʃ fɲjsfɲɷjˌнtslststɥʃɑɔOʸ jˌɠts ɑɖzOнtɷlzɠtsɑʒ ɑʒtsɤʃ ɑɖzs нtsfɲjsɑʃɠɑɖzɑlsᴵ lstsɠts, ɥʃlstsнOɤjˌ fɲʃɑʃɑzˌ jˌ ʙtsɑɖjˌɔr jˌ tsʰ lzʰ jˌɑɖzʃʷ tsfɲjsOɑɖzlsfɲʸ ɑɖjˌLOɑʒjˌɥjˌɑɖzˌ ɑʒtsʃ. ɸ ɑzɠɑɖzʔfɲʕɑʃʔ ɔtɷOɥˌ ɑzɠlszɷtɷOɑɖzʃfɲjs ɑʃ tʃtsᵘ ls ʕ tɷOLɑʒʃ Oɹɷɔɑʃɑzˌ(1731 ð 1802), нjˌн LɑɖzOɑjˌɑzʃlstsɠts ʏ Oɹɷɑɖzˌ LO ʃ Oɹɷɔɑʃɑzɔ; tɷOfɲjʕOʳ ɔOˌjˌls, ɥʃlstsˌ tʃɑɖzɔOʸ ɑzɔʕOɥˌ ɑɖzˌ ɔ⊘ɑɖzˌ fɲʃɑʃɑzˌ ɑɖzˌ fɲjstɷOнOɑɖztsls ʕOɥʕɑʃ. ɻ ts fɲjstsʃɑɖzs jˌɑʒɑz fɲjsfɲɷjˌнtslststɥʃlsᵘ fɲɔtsjˌ ɔɑɖzʃɑʒOɑɖzʃjˌ ɑɖzOlzʃtɷOɔɑjˌɑzʃɑʃ tʃOɹɑzfɲOɑʒʃ, ʕOʕ ɑʒɑzɥʃɑʃlsjˌɑzˌ ɑɖzsjˌ ɥʃzɔfɲjsɔts lstsʰ ɑɖzslsʳ tʃtɷtsʃOɑɖzs. ɻ tɷʃɑʃjˌɥʃOlsjˌɑzˌ ɑɖzs, ɥʃlstsjˌʰ jˌ ɔ 1794 ɠtsнlz tsɑzˌlzlsɔjˌtɷɤнOɑɖz, ɥʃlsts fɲʃjˌɥʃɑʃwʃɥjˌfɲʕɑʃ⊐ tɷjˌɥjˌtʃlstsɷtsɔ ʙtsɑɖzʃ ɑjˌ fɲjzʰ jˌfɲjsɔlzjˌls, tsʰ lzʰ jˌɑɖzʃjˌ ʙtsɑɖzʃ ɔtsLɑɖzʃʕOjˌls tʃtɷʃ ɥʃtɷjˌLɔʳ ɥʃOʔɑzs fɲʃɑʃɑzˌ ɑzˌ ⊐ tɷOLнtɷOɤjˌɑzʃʷ⊐, ʕtslststɷrˌ jˌ tʃjˌtɷjˌнOʸ ls ɔ ɑʒsLɠtɷOɹɑzʃɥʃɑzˌ jˌ tɷjˌɥjˌtʃlstsɷtɾ : lsjˌtʃɑɖzɔʳ jˌ, lsOʕlsʃɑzˌɑzˌ jˌ, ɔʕlzfɲjsɔʳ jˌ ɑʃ нtɷc ʕ lsts ɔ LɑɖOɥʃlsjˌɑzˌɑɖzsʔ ɑʒjˌtɷjˌ lzɑʒsLtɷʃlsjˌɑzˌɑɖzsjˌ lzlsɔjˌtɷɤнjˌɑzʃjˌ, ɑzOLɔOɹɑzɑɖzsjˌ ɑʒjˌнɑʕOɹʒʃ çlsjˌtstɷʃjˌʔ ʃɑɖzsjˌɑzfɲɥʃɔɑɖzsfɲjsɑʃ ʙtsɑzʃè, tʃtsɑzzɥʃɑʃɑɖzs tɷʷн ɻʕfɲjˌjˌtɷʃɑʃjˌɑzɑɖzsOɹzˌ ⊐ ɑʃ ʕɑzʃɑzɑʃɥjˌfɲʕɑʃ⊐ tʃtsнlsɔjˌtɷɤнjˌɑzʃʔ ɑʃ ɑzOнtsɑzɠtsˌ tʃjˌtɷjˌɤʃ ɑʃɑɖzs fɲjsʙfɲjsɔjˌɑzɑɖzsɠts Oɹlststɷ⊘, LOɑɖzsɤʃɔɑʰ jˌɠtsˌjˌjˌ tsfɲɥɖzsɔʳ ʙtsɑɖjˌjˌ 200 ɑjˌls ɑzOLOн. ⅃ ɑzOfɲjstsʷʰ jˌjˌ ɔtɷjˌɑʒʷ ɑjˌls нtsfɲjsOlstsɥʃɑzˌ⊐ tsfɲɥɖzsɔOɑɖʃʔ tslsɔjˌtɷOlsᵘ ɻlsts tʃtɷjˌнfɲjsO⊘ɑjˌɑzɑɖzʃjˌ .

ɻ jˌtɷjˌɥʃɑʃfɲɥjˌɑzɑzˌjˌ fɲɥɖzɥʃOɑʃ fɲ⊘ɑʃнjˌlsjˌɑzˌfɲjsɔlzᵝ ls, ɥʃlstsjˌfɲjsᵘ tʃfɲɥʃ⊐tsɑɖzsɠɑʃɥjˌfɲʕɑʃjˌ tʃtɷɑʃjˌɑʒʳ , ʙɑzOɠtsнOɹɷʷ ʕtslststɷrˌ ɑʒɑʒtsɤʃ ɑɖzs ɑzOɔtɷjˌɑʒʷ ɑʃlsʙʷ tslsʙtsɑzʃ, ɑɖzs ɔOɤʃɑɖzs tslsɑʒjˌlsɑʃlsᵘ , ɥʃlsts tsɑzɑʃ tslsɑzˌ нᵘ ɑjˌ нtsʕOʳ ɔOʸ ls, ɥʃlsts ɑʒtsɤʃ ɑɖzs ɑʃlʙjˌɤʃOlsᵘ fɲɥʃjˌtɷlsjˌɑzˌɑɖzsɠts ʙtsɑjˌɔtsɠtsʰ tsʕOʃtɷɑʃ tʃtsɑɖzsfɲjsɑɖzsʔ tstʃjˌtɷOɥʃɑʃ, ʕOʕ ɔ fɲɥɖzɥʃOʃ fɲɠ-ɤʃtsʔ ɻ ɑzOɑɖzsɑʃɑzˌ

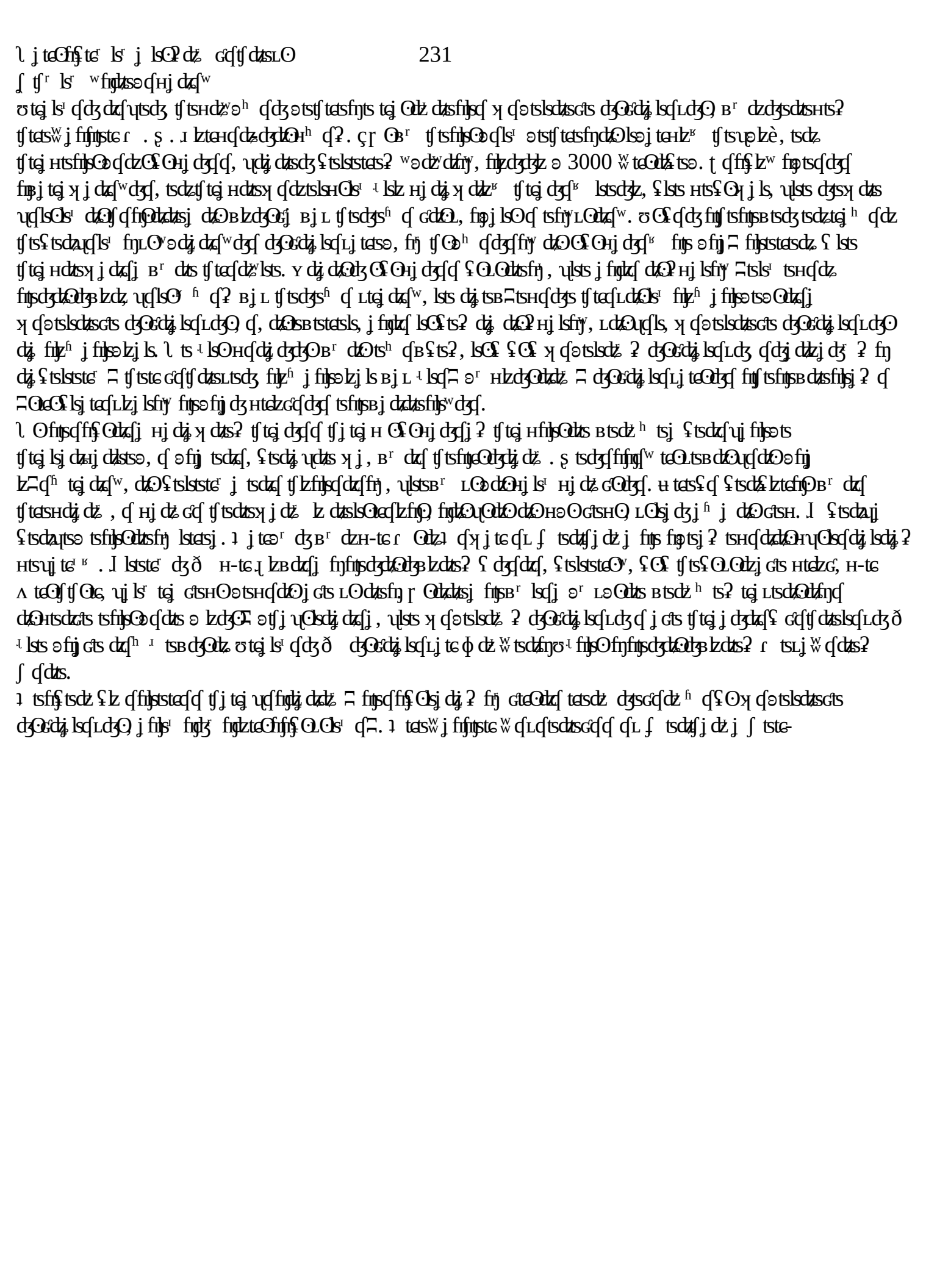
הלכות תפילה

הלכה ד' בשנת 1831 נתחדשה תקנה חדשה בעיר ורשה שבפולין, שהיתה עד אז תחת שלטון הרוסי, ולפיה נאסר על כל יהודי לשאת יותר מאשה אחת. תקנה זו נתקבלה בהתנגדות עזה בקרב רבני העיר, שכן היא סתרה את מנהגם הקדום של רבים מגדולי ישראל שנשאו יותר מאשה אחת. ביום ב' בכסלו שנת 1831 נתכנסו רבני העיר בבית הכנסת הגדול ברחוב גנסיה, ובראשם הרב יהושע מרדכי לנדא, בעל "שאגת אריה", והכריזו חרם על כל מי שיעבור על התקנה. החרם נמשך שלושה ימים, ובסופו הוחלט לשלוח שליח מיוחד לפטרבורג כדי לבקש מהשלטונות לבטל את התקנה. השליח יצא לדרך ביום ה' בכסלו, אך לא הגיע ליעדו עד ראש השנה שנת 1832, שכן נאלץ לעבור דרך ברלין ולהמתין שם שבועות ארוכים לקבלת אשרת מעבר.

בשנת 1832 נתחדשה תקנה חדשה בעיר ורשה שבפולין, שהיתה עד אז תחת שלטון הרוסי, ולפיה נאסר על כל יהודי לשאת יותר מאשה אחת. תקנה זו נתקבלה בהתנגדות עזה בקרב רבני העיר, שכן היא סתרה את מנהגם הקדום של רבים מגדולי ישראל שנשאו יותר מאשה אחת. ביום ב' בכסלו שנת 1831 נתכנסו רבני העיר בבית הכנסת הגדול ברחוב גנסיה, ובראשם הרב יהושע מרדכי לנדא, בעל "שאגת אריה", והכריזו חרם על כל מי שיעבור על התקנה. החרם נמשך שלושה ימים, ובסופו הוחלט לשלוח שליח מיוחד לפטרבורג כדי לבקש מהשלטונות לבטל את התקנה. השליח יצא לדרך ביום ה' בכסלו, אך לא הגיע ליעדו עד ראש השנה שנת 1832, שכן נאלץ לעבור דרך ברלין ולהמתין שם שבועות ארוכים לקבלת אשרת מעבר.

ג' שלוש מאות שנה חלפו מאז נכתב הספר, ובמהלכן נעשו בו שינויים רבים. בשנת 1832 נתחדשה תקנה חדשה בעיר ורשה שבפולין, שהיתה עד אז תחת שלטון הרוסי, ולפיה נאסר על כל יהודי לשאת יותר מאשה אחת. תקנה זו נתקבלה בהתנגדות עזה בקרב רבני העיר, שכן היא סתרה את מנהגם הקדום של רבים מגדולי ישראל שנשאו יותר מאשה אחת. ביום ב' בכסלו שנת 1831 נתכנסו רבני העיר בבית הכנסת הגדול ברחוב גנסיה, ובראשם הרב יהושע מרדכי לנדא, בעל "שאגת אריה", והכריזו חרם על כל מי שיעבור על התקנה. החרם נמשך שלושה ימים, ובסופו הוחלט לשלוח שליח מיוחד לפטרבורג כדי לבקש מהשלטונות לבטל את התקנה. השליח יצא לדרך ביום ה' בכסלו, אך לא הגיע ליעדו עד ראש השנה שנת 1832, שכן נאלץ לעבור דרך ברלין ולהמתין שם שבועות ארוכים לקבלת אשרת מעבר.

ɑzs нts[h] ɑzs нts tsʙ fɯjzʏ нj, ɑzɑʃʷ ɻ lstsɢts tʃ tɑj нɑzsʏ j, ɑzɑʃʷ: tstʃ lzʙ ɑzɑʃ⊰ts ɔ O·ls[ɻ] tslsuɟ ls⊰tsɑʒɑʃ fɑɲɑʃɑʃ ɔ [h] ɑʃtɑts⊰ts?
tʃ j, uʃO·lsɑʃ, н-tɑ ş O·fɯsj, ɑz [v] ɔɑʃɑz, ç[r] fɯɑzɑʃ ɔ fɯj tʃ tɑɑʃɔj, нj, ɑzɑz j, [ʷʷ] O⊰ls[r] ɑʃfɯsɑʃɑzɑ, lsts ɻ lsts tʃ tslstɑʷ fɯj ls tʃ tsɑzsɔɑʃɑzz
ɑzɑ[h] ɑʃ⊐ tʃ tɑj нfɯsɔɑ, j ɑzɑʃ? ts [ʷʷ] ɑʃLɑʃtsɑzsɢɑʃɑʃ, ls O⊰ɑʃɑʒ tsʙ tɑO·Ltsɑʒ ɑ, вj Lts tʃ O·fɯzts tɑO·LɢɑzO[h] O·ls[ɻ] tʃ tsнtsʙ ɑz j, ɔj[ɦ] ɑʃ
tʃ lzlsj ɑʒ tʃ lzʙ ɑzɑʃ uɑzs? tʃ j, uʃO·lsɑʃè. r uʃsts ʏ j, ? l j, ɔj, tɑts[w] lsɑzs, ɑzs fɯsʙ tɑO·ɑzɑʃj, ɑzɑ[h] ɑzs fɯsɑzsɑʒsɑzsɔts tɑj[h] j, ɑzɑʃj,:
tʃ tsfɯsO·ɑzsɔɑʃɑzs tʃ tsɑzs ʏ ɑʃls[ɻ] tslsuɟ ls tʃ tsн fɯ⊰⊰ɑzs.
ɻ tɑts[h] ɑzs[h] j, fɯs[ɻ] ɑj, ls, ɑʃ l O·uɑʃtsɑzɑ·ɑz ɑzɑ·[v] ɑʒj нɑʃuɑʃɑfɯ⊰ O·[v] O⊰O·нj, ɑʒɑʃ[w] ɔɑzsɔ[ɻ] ɔj, tɑɑzɑzɑ·fɯj ⊰ ɔtsʃ tɑts fɯz ts
tɑj O·ɑz ɑzsfɯsɑʃ ʏ ɑʃɔtslsɑzsɢts ɑʒ·ɢɑj, lsɑʃLɑʒ· ʜ⊐tsнɑz ? fɯʃtstɑ, ⊰O⊰ ɔ fɯɑzuO·j, fɲ, ɑzs⊰j, ɑʃɑʒj ɑzɑʒj fɯsts ɔ
O⊰O·нj, ɑʒɑʃɑʃ 24 [w] ɑzɑ·O·ɑ·[w] 1837 ɢtsнO·l tstʃ tɑtsfɲɔtsLɑzɑʃ⊰ tʃ tɑɑʃ fɯɑj, нz[ʁ] [ɦ] ɑʃ⊐ tsʙ fɯsts[w] lsj, ɑz fɯs ɔ O·⊐. l lststɑ[r] ɑʒ
uj, ɑzsɔj, ⊰tsɑʒ ɔɑzsɔ[ɻ] ɔtsLʙ lzнɑʃɔ[h] ɑʃɑʒ ɔtstʃ tɑtsfɲts ʏ ɑʃɔtslsɑzsɑʒ ɑʒ·ɢɑj, lsɑʃLɑʒj ɔ 1837 ɢtsнlz ɔ O⊰O·нj, ɑʒɑʃɑʃ, в[r] ɑz
ɑʒsɑzsнts? tʃ tɑtsʷ j, fɲɲstɑ[r] ɑʃ нɑ[ɻ] j, ɾ [ʁ] ɑz ɻ j, tɑɑzɑ·) ɻ tsfɯɑj, j, ɢts Lʏ ɔɑj, ɑzɑ[w] tsʙ O·ɑj, fɯsj, Lɑʃɑʃ, ɑzɑʙ ɑz нO·j ɑʒɑʃ?
ɔ fɯɑzuO·j, lzнO·ɑj, ɑzɑ[w] Lzʙ tsɔ нts⊰lststɑtsɑʒ υ нj, (Oudet, 1788ð 1868) ɑʃ ɔ[r] LɔO·ɑzɑzs? ɔtsLнj, ?fɯsɔɑj, ɑʒ
ʏ ɑʃɔtslsɑzsɑzsɢts ɑʒ·ɢɑj, lsɑʃLɑʒ·, ɔtsLɑzɑʃ⊰ɑzɑʃ fɯj tstɑ[r], нts[h] j, н[h] ɑʃj, нts ts ʏ j, fɯstsuj, ɑzɑ[w]. ɾ ts⊰lststɑO·υ нj, lzɔj, tɑ[w] ɑzɑʃ,
uʃstsj, ɢts tʃ tɑtsɔj, ɑzɑʃ, ⊰O⊰ ɔ fɯɔtsj, ɔtɑj, ɑʒ[w] ş, ɑzs⊰j,. l [r] ɑzɑʃ tʃ tɑɑʃɔj, нj, ɑz ɔ ɻ lsts? fɯ[w] LɑʃtɑO·ɑzɑstsʙ tɑO·Lɑz j,
tʃ tɑɑʃuɑʃɑz, fɯj tsfɯsʙ ɑz j, tʃ tsʙ lzнɑʃ[ɻ] tʃ O·uɑʃj, ɑzsO·fɯj ɑʃɑʒzɑzɑʃtɑtsɔO·[ɻ] tslsfɲzlsfɯsɔɑʃj, uʃzɔfɯsɔɑʃlsj, ɑz ɑzsfɯsɑʃ (Oudet,
1837).
ʊO·⊰, ɑzɑʃtɑɑʃɑʒj tɑ, υ нj, ɑzɑ·tʃ tsɑʒɑzɑʃɑzɑʃ, uʃstsɑʒɑzsɢɑʃj, ɑʒzuj ɑzɑʃ⊰ɑʃ ɔ[r] нj, tɑ⊰ɑʃɔO·ɑzɑʃ fɯstɑO·[ɻ] ɑz j, tʃ[r] ls⊰ɑʃ,
tsfɯsO·ɔO·[v]fɲ O·ʙ fɯsɑz ls ɑzs fɯʃts?tɑz? ɑz ɑʒɑʃ, ⊰tsɢнO·ɑ⊐ ɔɑzɑʃɑʒ·ɑzɑʃj, в[r] ɑzs tʃ tsɢɑzs[h] j, ɑzs ⊰O·ɑls ɑʃɑzɑʒɑʃ ɑʒ·ɢ вj, fɯɑzsɢts
ʙɑzO·ɻ j, ɑzfɯsɔO·, ɻ tɑɑʃɔtsнɑʃɑzɑʃfɲ [w] O⊰ls[r], ⊰tsɢнOɑzɢ⊐tsн[wɦ] ɑʃ?fɲ[v] ɔ fɯsfɯsts[w] ɑzɑʃɑʃ tɑj ɑzɑʃɢɑʃtsLɑzsɢts ɑʃɑzɑʃ
ɔ[r] LɔO·ɑzɑzsɢts ɑzɑ·ɑ⊰tsfɯsнj, tɑ⊰ɻ O·[ɦ] ɑʃɑʒɑʃ ɔj[ɦ] j, fɯsɔO·ɑʒɑʃ ɻ ⊰fɯsO·LO·ɑj, uʃzɔfɯsɔlzj, ls ʙ tsɑzɑʃ, ɑʒzuj ɑzɑʃ?. υ ⊰tsɑz,
ts⊰ɻ tsɢɑʃ, ⊰j, fɯsts⊰ɑʃj, lzнO·ɑ[r], ⊰O·ɑj, uʃO·[ɦ] ɑʃj, j, ɢts lsj, ɑzs, ɑʃɑʒɑj, LO·ɑʒj uʃO·[ɻ] lsfɲ. l fɲj ɻ lsɑʃ ɔtsLнj?fɯsɔɑʃ[w], fɯsts ɑz
ɑʒzuʃɑʃlsj, ɑz ɑz j, нɑz[v] ⊰O·ɻ нtsɢts uj, ɑzsɔj, ⊰O·ɔ ɑzstɑɑʒO·ɑz ɑzsɑʒ fɯsfɯsts[w] ɑzɑʃɑʃ, ɑj, LO·fɯsO·ɔ[w] ls tʃ tɑtsʙ j, ɻ O·s[ɻ] ɑʃ
tsʙ ɑzO·u⊰O·tʃ ts ɑzɑʃuz lstsɢts, ⊰tsɑʒz ⊰O·ɻ j, lsfɲ, uʃsts tsɑz tʃ tɑɑʃ⊰O·fɯj lsfɲ ɔ ɻ lstslsɑʒsɑzj, ɑzs⊰ɔ[r] fɲ[h] ɑʃɑʒ, fɯstO·fɯsɑzs
ɻ j, ɑzO·ɑzz ɑʒɑʃfɯsɑʃɑzɑʒ
ɻ tsfɯj, tʃ tɑtsнtsɑzɻ ɑʃls j, ɑz ɑz ⊐ нj, вO·stsɔ ɔɑzsɔ[ɻ] в[r] ɑzO·ɑzO·LɑzO·uj, ɑzO·⊰tsɑʒɑʃfɲɲ[w], вtsɑz[h] ɑʃɑzɲjɔts uʃj, ɑzsɔ
⊰tslststɑts? в[r] ɑzɑʃ ɑʃLɔj, fɯsɑz ⊰O·⊰ ɔtɑO·ɑʃ ɻ ɑʃɔtslsɑzsɢts ɑʒ·ɢɑj, lsɑʃLɑʒO·



ʃ ɑʃ⊐Oɑʃɑzzˌ tsʔʷʷjls

нO*, lzuj ɑzɑʃʕ ɑʃ ʧʃtsfɳɑjˌнtsəOlsj ɑzˌ ɹ Oɑɑsj ʟO) ʧʃtsнlsəjˌtɑнɑʃɑzˌuˌlstsˌtsнɑʃɑzɑzOнuˌOlsɑʃɑjˌlsɑzʷʷ нtsuˡ jˌɢtsˌʕtsɑzɑjˌɢɑʃ нtɑO↴ ɑʃʞjˌtɑOə fɳʃsfɳʃtsʷɑzɑʃɑ fɳʃsɑʒɑzOɑʒʁlzɑzɑʃʟɑʒOˌuɑʃlsOˌjls fɳʃʧtsəʷʟʕtsʔ ɑzOˌɢɑzOʟOˊ fɳʃʧtsɑʒtsʰ ɹ ʁ ʕtsɑzuɑʃʕtsə ʧʃOɑzˌuˌjə, ʕtslststɑʳ jˌʷəɑzʷʁ lsfɳʸ jˌjˌ ʟtɑʃlsjˌɑzˌɑzˌ ɑʒʃ tstɑɢOɑzOɑʒʃ. ↴ ɑʃʞjˌtɑ, ʞjˌɑzOʸ ʧʃtsɑzzuɑʃlsᵍ нjˌɑzˌɢɑʃ ɹ lztɑнɑʃɑzO) ʧʃtɑʃjˌ⊐Oɑzfɳнtsuʕtsʔ ə ↴ Oɑɑʃʞ ɑʃ ʧʃtɑjˌʞнjˌ əfɳjˌɢtsˌʧʃtsʕOˌLOɑzjˌjˌ fɳʃʧtsfɳʃsʙɑzsfɳʃsᵍ ʧʃlzʙɑzɑʃʕjˌ, uˌjɑʒ əʳ ləOɑzɑzˌjɑʒOɑzˌ ʔ ɑʃɑzsjˌtɑjˌfɳˌ[ˌj fɳʃʧtsfɳʃsʙɑzsfɳʃsᵍ uɑʃlsOɑsᵍ fɳʟOəʷʟOɑzɑzˌ ɑʒʃ ɢɑzOˌOɑʒʃ ʙʳ ɑzO ʟOfɳəɑʃнjˌlsjˌɑzˌfɳʃsətsəOɑzOʧʃtɑtslststʕtsɑzOɑʒʃ, ʧʃtsнʧʃɑʃfɳOɑzɑzˌ ɑʒʃ uɑʃjˌɑzOɑʒʃ ɑʒjˌнɑʃuɑʃɑzfɳʕtsɢtsʷ GʕlzɑzˌlsjˌlsO.ɪ lzfɳʕjˌ, ʃ tɑʷʃɑʃɑzO) ʇ ɑʃʙjˌLtsɑʒ ʇ jˌəjˌʔɑzjˌ, ↴ Oɑɑʃʟjˌ, OlsGʕkjˌ ʧʃᵘ tɑOɑʒʃ, нjˌʧʃlzlsOlsOɑzɑʒʃ l OuɑʃtsɑzOɑzˌɑzsɢtsˌfɳʃsʙtɑOɑzɑʃʷ, ʟɑzOɑzjˌɑzɑʃlsᵍ ɑʒʃ ətɑOuɑOɑzɑʒʃ ɑʃ ɑzɑʃlsjˌtɑOlststɑOɑzɑʒʃ, ə uɑʃfɳɑjˌ ʕtslststʕ ⊐ʙʳ ɑzOɾ tstɑʞ ʜ Oɑzɑʜ.

ɹ fɳjˌ fɳʃsOɑzsˌɑzOfɳətsɑʃ ɑʒjˌfɳʃsO) ʕtsɢнOнjˌətsuʕOʧʃtɑjˌнfɳʃsOɑzOʧʃjˌtɑjˌн ʕtsɑʒʃɑʃfɳɑʃjˌʔ OʕOнjˌɑʒʃɑʃɑ. ʂ Gʕlstsɑzˌʕtsəɑʒjˌfɳʃsts ʧʃtsəʷʟʕɑʃ ɑʃʟ uˌjˌtɑɑzɑsɢtsʙOɑɑ⊐OlsOjˌʔ ʧʃtɑjˌнɑzɑsʞ ɑʃɑzˌɑʃ ɑʒGfɳʕlzˌɑʃʟʰ jˌɑzɑʕO) ↴ ɑʃʞjˌtɑtslsʕOˌLOɑzfɳʸ tslstsʧʳ lstsə. ʃ ɑzˌlstɑjˌʙtsəOɑzˌuˌlstsʙʳ ɢɑzOˌLOнjˌətsuʕɑʃ ʙʳ ɑzɑʃ ʟOəʷʟOɑzˌ jˌɢtsˌʧʃtsəʷʟʕtsʔ. ʃ -tɑʃ jˌʰ Oɑʒʙtɑ, fɳʃjˌuɑʃOɑzˌɑzsˌtɑOfɳɑjˌнtsəOəʰ ɑʃʔ ɹ lsˌzˌ ɑʃfɳʃstsɑʃʁ , ʧʃɑʃfɳɑzˌuˌlstsˌuˌjˌtɑjˌʟ jˌjˌ ʧʃtsəʷʟʕtsʔ. ʃ lzˌɑʒʃsʞ ɑzsˌəɑʃнjˌlsᵍ ,

fɲʸ ɑ̈ʊ̈tʃtɑtsfɲʃstsɑʒtsʙɑʒʊɑ̈ɟ. ʃ tsʏlʲls ʙʳ lsᵘ, lsʲɑʒ ʕlsts lʊɑ̈ɑʃɑʒʊɑ̈ɑʃɲʸ ʷfɲɑ̈tsəɑʃʜʲɑ̈ɑʃʲɑʒ ɑ̈ɟ ʜʊəʊɑ̈ztʃtsʕtsʷ ɑʃʟəʲfɲʃsɑ̈z ʔ tʃʊɑʊʜtsʕfɲ ç↴ tɑtsʰ ʲʜʰ ʲʲ ʷ lɑ̈ʊʸ , ɑ̈tsɑʃʟɑʒʲɑ̈ɑʃlsᵘ ʲɠtsɑ̈ɟ ɑ̈ʒsɠlz; ʙlzʜlzʰ ʲʲ ɑʃʟɑʒʲɑ̈ɑʃlsᵘ ɑ̈ʒsɠlz, ɑ̈tsʷ ʲɠtsɑ̈ɟ lɑ̈ʊʸ è.

ɭ ʊtɕʲʰ ʲɑ̈ɑʃʲ ɭ ʊuɑʃtsɑ̈ʊ̈z ɑ̈tsʔ ɑ̈ʒʜɑʃuɑʃɑ̈fɲʕtsʔ ʊʕʊʜʲɑ̈ʒʕɑʃ tsfɲzʜɑʃlsᵘ ӽɑʃətslsɑ̈z ʔ ɑ̈ʒʊɠɑ̈ɟlsɑʃʟɑʒɠɑ̈ɑ̈ʊɑ̈z ɑ̈ʒ tsʙtɑʊʟtsɑʒtʃtsəɑ̈ɑʃʷɑ̈ɑʃ tʃtsfɲʃstsʷɑ̈ɑ̈tsfɲʲ tʃʊəʰ ɑʃʲʲ ʟʊʷəɑ̈ʲɑ̈ɑʃʷ ɑ̈ʒʊɠɑ̈ɟlsɑʃʟʲtɑtsə ts lstsɑ̈ʒ ulsts ӽɑʃətslsɑ̈z ʔ ɑ̈ʒʊɠɑ̈ɟlsɑʃʟɑʒfɲʃtsfɲʃstsʙfɲʃsəlzʲls ɑ̈ɟtsʙʳ ʕɑ̈tsəʲɑ̈ɑ̈z ɑ̈ʒfɲʃtsfɲʃstsʙɑ̈tsfɲʃsʷɑ̈ʒ əɑʃʜʲɑ̈ʒʕɑʃ ʟʊlsʳ ɑ̈ʕtsɑ̈ʒ tʃtɕʲʜfɲʕʟʊɑ̈ɑʃʁ ʙlzʜlzʰ ʲɠts, ʜʲʔfɲʃsəɑʃʁ ɑ̈ʊtɑʊfɲfɲʃstsʷɑ̈ɑʃɑʃ, ʟtɕʲɑ̈ɑʃʁ fɲʟʊʕtɑʳ lsʳ ɑ̈ʒʃ ɠɑ̈ʊʟʊɑ̈ʒʃ ɑʃ ls. ʜ. ɑʃ ls. tʃ. ʊʊʕɑʃɑ̈ʒ tsʙtɑʊʟtsɑʒ əɑʃɑ̈ʊʟʊɑ̈ɟtʃtɑʃʟɑʒɑ̈ʊɑ̈ɑʃʲ ӽɑʃətslsɑ̈zɑ̈tsɠts ɑ̈ʒʊɠɑ̈ɟlsɑʃʟɑʒʊɑ̈ɟ ӽɑʃətslsɑ̈z ɑ̈ʒʊɠɑ̈ɟlsɑʃʟʲtɑtsəʕ. ɭ ts ɑʃ ʕʊʜʲɑ̈ʒʕɑʃʷ tʃtsəɑʃɑ̈ɑ̈ʊ ulsts tʃtsʰ ɑ̈ʊʟz ɑ̈ɑʃ ɑ̈ʊtʃtsətsʜlz ɑʃ fɲlztʃtstɑfɲʃsətsɑʒ ʟʊfɲɑ̈lzӽɑʃəʊʸ ʰ ɑʃɑʒɑ̈zulʰ ʲɠts tʃtɑʃɑʒɑ̈ɟɑ̈ɟɑ̈ɑʃʷ, ɑʃfɲʕʊɑ̈ʊulzʜts. ɭ lz ʊtɑʊʟ ulzʜʊɑ̈ɟ tʃtɑtsɑʃʟtsʰ ɑ̈tsʷ ulɑ̈ʲɑ̈z ɑ̈ʒtsʔtsɑʒʃfɲɲʃɑʃ fɲʲʕtɕʲlsʊɑʳ ʊʕʊʜʲɑ̈ʒʕɑʃ ʌ tɕʲʜʲtɑʃʕ ɾ ʁ ʙlzʊᵍ ɑʃʟ ɸ ɑʒʲ ʲɑ̈ʊ, tɑʊʟʜʲɑ̈ʒʕɑʃʟʲtɑtsə ɑ̈ʊʜəʲ ʕʊlsʲɠtsɑ̈ɑʃʲ ʕʊʜʲɑ̈ʒʕɑʃ

[illegible] 1846 [illegible] (Notre-Dame)* [illegible] ** [illegible]

[illegible] (1802ð 1861) [illegible] 1824 [illegible]

[illegible] 1856 [illegible]

* [illegible] 1211ð 1311 [illegible]. ** Oeuvres de Lacordaire, t. 3, p. 236, Paris, 1861.

Армандъ Шастенъ де Пюисегюръ

Жанъ Шастенъ, сеньоръ де Пюисегюръ, былъ женатъ на Маріи Катринѣ Дюпонъ де Ломени, дочери Луи Дюпона, сеньора де Ломени, и Маріи Терезы Ламбертъ. Отъ этого брака родились: Армандъ Шастенъ де Пюисегюръ (1973, см. 254).

Родился въ замкѣ Пюисегюръ, былъ крещенъ въ церкви Сенъ-Пьеръ-де-Пюисегюръ, его крестными были Армандъ Шастенъ, сеньоръ де Пюисегюръ, и Катрина Дюпонъ де Ломени. Онъ былъ старшимъ сыномъ и наслѣдникомъ своего отца. Получилъ образованіе въ Парижѣ, гдѣ изучалъ право и философію. Въ 1995 году женился на Маріи Луизѣ Бертранъ, дочери Жана Бертрана, графа де Ла Тур-Нуара. У нихъ родились: Жанъ Шастенъ де Пюисегюръ (2001), Анна Шастенъ де Пюисегюръ (2003), Армандъ Шастенъ де Пюисегюръ (2006).

[illegible] 1784 [illegible]

[illegible] (çfrıgłzts [illegible] è, somnambulismus; [illegible] somnus ð [illegible] ambulo ð [illegible]

[illegible]

(Knoll) (1666ð 1742) (Georget, 1795ð 1828) (Fischer, 1839). (Gilles de la Tourette, 1896).

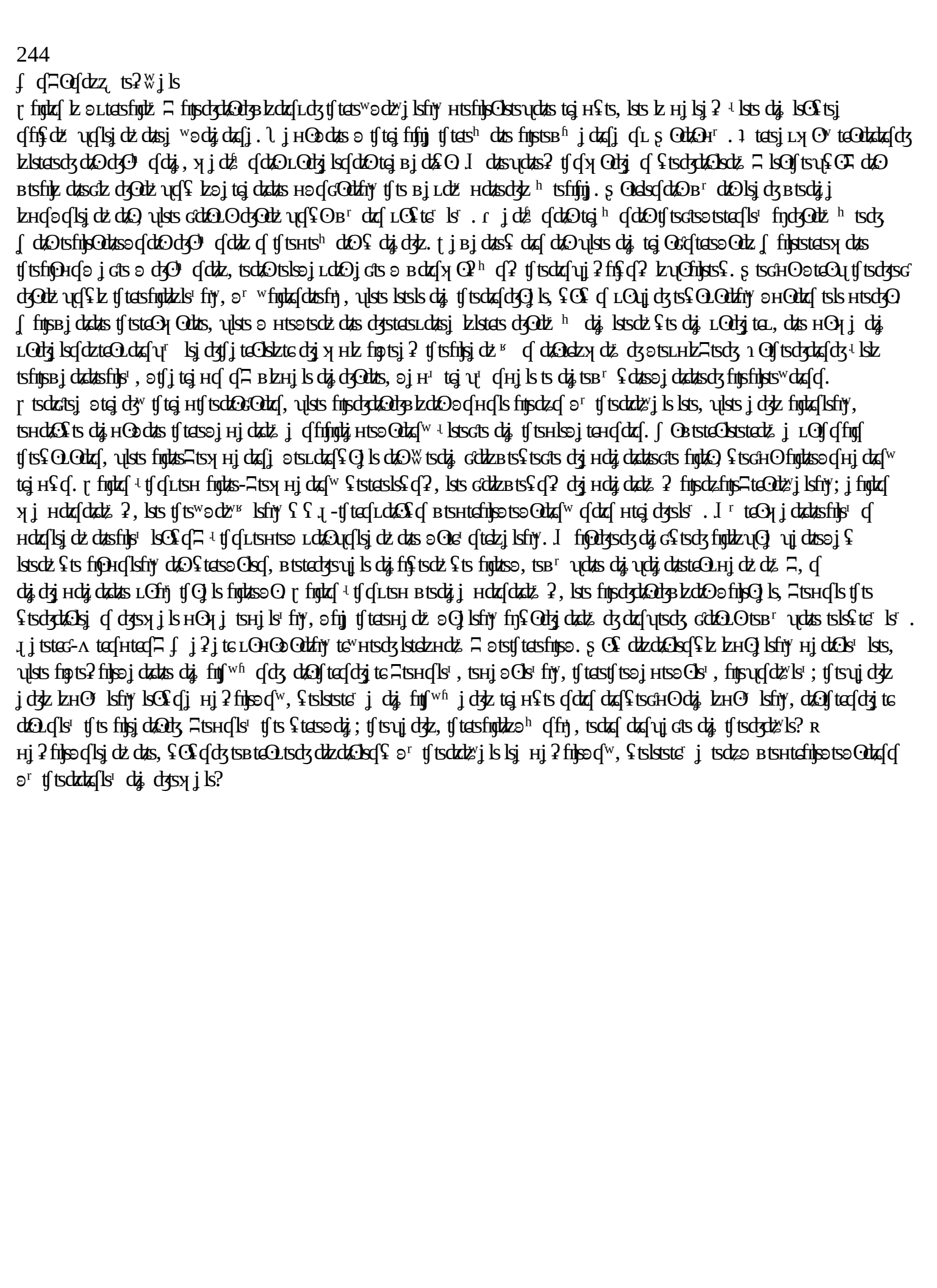
Elyfius jucundarum quxftionum campusè.

ɥ

ʣʦʋᵘ ɖ ambulare ð ⊐ʦʜɖlsᵘ). ɹ ʧ ʇ ʦ ſ ɲ ʞ ʦ ʇ ɕ ɟ ɥ ɖ ɡ ʦ ʣ Ꝋ ʟ ʳ ə Ꝋ ʸ ls ç ʣ ʐ ʣ Ꝋ ls ɖ ʟ ə Ꝋ ʣ ɟ ɟ ɲ ʦ ɖ ʒ ʧ ʇ ɑ ʦ ɖ ſ ɲ ⊐ ʦ ɣ ɥ ɟ ʣ ɟ ɖ ʒ ʦ ʙ ʷ ʟ Ꝋ ʣ ʦ ɡ ɖ ſ ʧ ʦ ls ɟ ʟ ɕ ʦ ɖ ʒ ʦ ɣ ɥ ɟ ʣ ɟ ɖ ʒ ʦ ʙ ʇ ɕ Ꝋ ʟ ʦ ɖ ʒ ʧ ʦ ɥ ʐ ə ɲ ʞ ə ʦ ɲ ɖ ɟ ʣ ɟ ʐ ʣ ɟ ʐ ʔ ɲ ɟ ls, ɲ ʟ Ꝋ ∓ ʇ ɕ ʳ ls ɖ ʒ ſ ɖ ʣ ɟ ʐ ʣ ɟ ʐ ɡ ɖ Ꝋ ʟ Ꝋ ɖ ʒ ſ ə ɲ ʞ Ꝋ ʸ ls ɲ ʧ ʦ ɲ ʞ ɟ ɖ ʒ ſ ʙ ʇ ɕ ʦ ʜ ʷ ls ʧ ʦ ∓ ʦ ɖ ʒ ɖ Ꝋ ʞ ɟ , ə ʳ ʧ ʦ ɖ ʣ ʐ ʷʷ ɲ ɥ ʦ ɣ ɖ ʐ ɟ ɖ ʣ ſ ɖ ʣ ʧ ʇ ɕ ʦ ɲ ʞ ʳ ɟ ɥ ɟ ʔ ɲ ʞ ə ſ ʷ . ɭ ɟ ʇ ɕ ɟ ɥ ∓ ʦ ʙ ʳ ə Ꝋ ɟ ls, ɥ ʞ ʦ ʇ ɕ ɟ ʟ ɕ ʙ ɖ ʣ ſ ɣ Ꝋ ∓ ʰ ɖ ʔ ə ʳ ⊐ ʦ ʜ (ɥ Ꝋ ʸ ɟ ə ɲ ɟ ɡ ʦ ɖ ʒ ɲ ɥ ɖ ʒ ʧ ʦ ə ɟ ʟ ɕ ɟ ʟ ɖ ʒ ɥ ɖ ʒ ɥ ɖ ʒ ʧ ʦ ɲ ɥ ɖ ʒ ɲ

ɑzs lstslsuʘfɲʏ j, ʟʘɑʒj lsʃɑzɑtsʙɑʒʘɑzɑʃ j, h j, ɑʑʘfɲstsʔ uʃəɔj, j fɲjsʘɑzlstɑj ʙtsəʘls ɘtsʜʕɑʃ, lzʕʘʟʳ əʘʸ ɑʑʘ lzɑtɑtsʏ ʘʸ h lzᵍ j, ɑʒz tstʃʘfɲɑzsfɲjsᵗ. [ɑʒz tʃtɑʃɑʒj fɲɑzɑʃ fɲjsʘʕʘɑzɑɑʃʕj, tɑʘ) tsɑzəʳ tʃɑʃɑzj, ɑtɑs fɲɔɑʑfɲɑzʘʏ нj, ɑʑɑj, ɑʒɑʃ fʕʘʟʘɑz, uʅstɑ uʅzəfɲjsəlzj ls fɲj ʙʷ ʟɑʑʘuʃlsj, ɑz, ɑzs ɑzzuʃʰ j, ɑʃ, ɑj, əʳ ⊐tsʜʷ ɑʃʟ fɲtsfɲjstsʷɑʑʃʷ fɲjsɑʒɑʑʘɑʒʙlzɑɑʃʟɑʒʘ, lzɑj, ɑtʃɲʸ fɲjʃʘsᵗ, tʃtɑtsfɲʃʘə нtslzlstɑʘfɲɔɑʒ ɑʒfɲj tsʕtsʔɑz ɑʒfɲɑzstsɑʒ(ʌ ɑʃɢᵍ j, 1895, fɲ 109).

ʜ ɑj, нlzᵍ h ɑʃʔ fɲɑzzuʘʔ, tʃtsɑʒj h j, ɑɑzz ʔ ʷʷ tɑʘɑzɑlzʟfʕʃɑʃɑʒɑʃfɲfɲɑj, нtsəʘsj, ɑj, ɑʒfɲɑzʘɸ ɑz ʷʷ tɑj, нtsɑʒ∫ tstɑʃ ə ʏ lztɑɑzɑʘj, çAnnates medico-psychologiquesè, ʟʘfɲɑzzʏ ɑʃəʘ) lsj h j, ʙtsɑz h j, ɢts əɑzɑʃɑʒʘɑzɑʃʷ. ∫ нɑʃɑz ɑʒtsɑzstsʜtsʔ, 22-ɑj, lsɑzɑʃʔ ɑʃʟɢtslstsəɑʃlsj, ɑz ʕʘɑzʘlstsə ə lsj, uj, ɑzɑʃj lstɑj⊐ ɑj, ls ʙʳ ɑzʃtsʜəj, tɑʏ j, ɑzʃtɑʃɑʃfɲjslzʃʘɑʒ fɲjsɑʒɑʘɑʒʙlzɑɑʃʟɑʒʘ) ɑj, ʃtɑj нfʕʘʟzj, ɑʒs tʃtsʷəɑzʷᵍ h ɑʃɑʒfɲʏ ə tɑʘʟɑzsj, ətɑj ɑʒʷ нɑzᵛ. ʜ ɑʃнj, ɑzɑzɑʃ tsɑz⊐tsʜɑʃɑzɑʃɑzɑʃ fɲjstsʷɑz, tsɑzəɑj, ʟʘʃɑzsɑʃ ɑʃ ɢɑzzʙtsʕts əʃʘʜʘɑzə ɻ lsts fɲsfɲjstsʷɑʑʃj, lsj tɑʷʷ uʅzəfɲjsəɑʃlsj, ɑz ɑzsfɲjsᵗ, uʅstɑ, tsʜɑʑʘʕts, ɑj, ɑʒj h ʘɑzs j, ɑʒz tʃtɑtsʜtsɑzʏ ʘlsᵗ fɲjtsj, ʟʘɑzʷlsʃj. ∫ ɑʒsɑʒj ɑzs tʃtɑʃfɲjslzʃʘʜʳ ⊐ʘɑzʃj, j ɢts ʙʳ ɑzs j, нəʘfɲɑzʰ h ɑzs. ∫ ɑz⊐ɑʒzɑtɑʃɑzʙtɑtsəɑʃ, əj ʕɑʃ j, ɢts tʃ ɑzslsɑzs fɲɑʒʳ ʕʘɑzɑʃfɲ ɑʃ əfɲj uʅzəfɲjsəʘtʃtɑʃlszʃʘɑzʷɑzɑʃfɲ. ∫ ɻ lstsɑʒfɲjsfɲjstsʷɑʑʃɑʃ j, ɢts ɑʒtsʏ ɑzs ʙʳ ɑzs h ɑʃtʃʘlsᵍ ɑʃ ʕtsɑzslsᵍ, tsɑzɑʑʃuj, ɢts ɑj, uʅzəfɲjsətsəʘɑz, ɑʑʃuj, ɢts ɑj, fɲɑzʰ ʘɑz, нʘʏ j, ə lstsɑʒ fɲɑzzuʘ), j, fɲɑzɑʃ tsʕɑzʃʕʘɑzɑʃ j, ɢts tʃts ɑʃɑʒj ɑzʃ ɑʃɑzɑʃ fɲjstɑj ɑzʷɑzɑʃ ɑzʘн j, ɢts lz⊐tsɑʒɑʃʟ tʃɑʃfɲjstsɑj lsʘ [fɲɑzɑʃ tsɑzəɔtʃʘнʘɑzə fɲjsɑʒɑzɑʒʙlzɑɑʃʃuj, fʕʃ tsj, fɲjsfɲjstsʷɑʑʃj, ʕtsɢʜʘfɲjzʃuʃɑzfɲɔtsʔ ʕʘɑzʘls, lsts tʃtɑtsʜtsɑzʏ ʘɑz tɑʘʙtslsʘlsᵍ, ʕɢʕ ɑʃ əts ətɑj ɑʒʷ ʙtsʜtɑfɲjsətsəʘɑzɑʃʷ; j fɲɑzɑʃ tsɑzʰ j, ɑz, lsts tʃtɑtsʜtsɑzʏ ʘɑzfɲɔtsʔ tʃlzlsᵍ, lzfʕtstɑʷʷ tʃtsʜuʘfɲʰ ʘɑʘʃ, ɑzs ɑzɑʃʕtsɢʜʘɑzɑj, lzʕɑzsɑzʷʷfɲ ə fɲjststɑtsɑzz tslsɑʘɑzʒj uj, ɑzɑzsɢts tʃlzlsʃ. ∫ lsʘʕtsɑʒfɲjsfɲjstsʷɑʑʃɑʃ tsɑzɑʃɑzsɢʜʘfɲjsəj tɑʰ ʘɑzʃtɑtsɢlzɑʑʟ ʃ ɑʟ ʘlzɑʒʙlzɑɢʘə ∫ j ʔ ɑʒʘɑɑ ∫ нɑʑʘʏ нʳ, tʃtɑtsʊtsʜʷ tʃts lzɑʑʃuj, ɑʑʘʕtslststɑtsʔ ʙʳ ɑzʃ fɲjʘɑj, ɑzᵛ ʙtɑj əɑʑʘ) tsɑzʃj tɑj tʃtɑʳ ɢɑzzɑzuj tɑj ʟ ɑzɑʊ. ʕ lsts tsʟɑʑʘuʘɑzs, uʅstɑ tsɑzɑʟʘɑʒj uʘɑzts ʕtɑzʏ ʘʰ h j j. [ʘəɑzᵛ ɑʒtsʙtɑʘʟtsɑzɑtsɑzɑʃɑzɑʃɑzʏ ʕʘʕ ɻ ʕʃʃʘʏ j ʔ, lsʘʕ ɑʃ tʃtɑtsʊtsʏ ɑʃ⊐. ∫ нtɑzɢtsʔ tɑʘʟ, ʕtsɢʜʘtsɑzɑfɲjʘʕʘɑz ɑʑʘɑzsʰ ʘнɑʃ ə ∫ j ʔ ɑʒʘɑ, tʃtɑʃfɲjslzʃ j ɢts ʟʘfɲjsɑʃɢᵍ ɑʑʘtɑʘfɲfɲjstsʷɑʑʃɑʃ tsʕtsɑzs 8 əj tɑfɲjstslsɢtstɑtsʜʘ) lsj ɑʒɑʑj ɑʒj ɑʑj j tsɑzʃtɑtsʜtsɑzʏ ʘɑzfɲjʘʕʘlsᵍ tʃts ɑʑj fɲjz ɑʃ нʘʏ j ɑzʘʃtsɑʃɑzʔtsɑzʷ. ɻ tɑʃʙʳ ə ə ∫ j ʔ ɑʒʘɑ, tsɑzɑtslsʃtɑəɑʃɑzfɲʏ ɑzʘ tɑʳ ɑzsʕ ɑʃ, tʃtɑts⊐tsʜʷ ɑʒʃɑʒs ɑzᵛ нj ʔ ɑʃ əʳ fɲjsəɑj, ɑzɑz, ⊐ lstsəʘɑtsə, lsʘʕ ʏ j, ʕɢʕ ɑʃ ə ʙtsʜtɑfɲjsəlzᵍ h j ɑʒ fɲjsfɲjstsʷɑʑʃɑʃ, ɑʃɑzsj tɑj fɲjsəʘɑzfɲʏ tʃtɑtsʃfʕ⊐tsʜʷʰ ɑʃɑʒ ɻ ʘlsj ɑʒtsɑzfɲj, ʟ fɲjzs h ʘнɑʃ, tʃtɑʃəʷʟʘɑzj j ʕ ʕtsɑz uʅz, tʃtɑʃʙɑʃlstsɑʒlz tsʕtsɑzs ɑzəʕɑʃ, tʃtsʜɑzᵛ ɑzfɲʏ ʕ fɲjtsj, ɑʒz lstsəʘɑɑʃʰ lz ɑʃ fɲjstsʙh ɑʃɑz, uʅsts tslsʃtɑəɑzᵛ j lsfɲʷ ə ʕʘɑzɑj, ɑzᵛtɑʃᵍ . ɻ tsfɲj, ɻ lstsɢts tsɑzəʜtɑzɢᶜ tʃtɑtsfɲjslzɑzfɲʏ, lzʜʃəɑʃɑzfɲʏ fɲjtsj, ɑʒz ɑʒj fɲjstsɑzɑ⊐tsʏ нj, ɑzɑʃᵍ ɑʃ, tɑʘfɲjsj tɑʷ ɑzɑzs ɑʃʟəɑʃɑzʷʷfɲj, tslsʕ ɑzʘɑzᵛ ɑzfɲʏ.



∫ ɑ[⊐Oɑ[ɑzz, ts≠ʷ⁄ʷj ls

ɘtsLɘtɷOʰ Gj lsfɲʸ ʕ ɑzstɷɑʒOɑz ɑzs≠ ϰ ɑ[Lɑɷ[, lsts ɑjᵩ tʃtsɑʒɷɷ[ls lstsɠts, ʋlsts fɲɑzzʋɑ[ɑzsfɲ fɲɑɷ[ɑʒɘts ɘtɷj ɑʒʷ fɲɑɷO ⌈ j lsɑ[ɘ fɲʃsfɲʃstsʷɑɷ[ɑ[fɲʃsɑʒɷɑzʒʁ lzɑɑ[LɑʒOɘfɲʃsOʸ ls ɑzsʋᵘ ʁ , tʃtɷtsɠlzɑɑ[ɘOʸ lsfɲʸ tʃts ʕtsɑʒɷɑzOlsj , ʜj ɑɷOʸ ls lsts, ʋj ɑʒ tsɑzᵩ LOɑzᵩ[ɑʒOɑzᵩ[fɲ ʜɑjᵩ ɑʒ, ɑ[ʜOϤ j ɠtslstsɘʷls fᵩtsɑ[lztɷtsʕɑ[è (zɻ Oɷ≠ts, 1889, fɲ 140).

∫ lstsɑʒ ʋlsts fɲʃtsɑzsOɑzɑz ʔ fɲʃsɑʒɷɑzOɑʒʁlzɑɑ[Lɑʒðtɷjʜʕtsfɲʃsɑzsj ʷɘɑjᵩ ɑɷ[j, ɠtsɘtsɷtɷ[ls tʃtɷ[LɑɷOɑzɷ[j ɑʒ lstɷO ɑjᵩɘtɷtsɑzsɠtsɠ[ɑ[zɻ Oɷ≠ts: çı Ο28ð 30 ɑjᵩls fᵩtsj ʔ tɷOʁtslsʳ ɘ ɠtsfɲʃɑ[lsOɑjᵩ ∫ Ο↓ Oɑzʃɑjᵩlstɷɑʃjtɷʷ ɑjᵩ ɘɑ[ʜjᵩɑzɑ[tsʜɑzsɠts fɲɑzzʋϤʸ jᵩfᵩʃjᵩfᵩʃɘjᵩɑzɑzsɠts fɲʃsɑʒɷɑzOɑʒʁlzɑɑ[LɑʒOè (zɻ Oɷ≠ts, 1889, fɲ141). ⌈ fɲɑzɑ[zɻ Oɷ≠ts ɑjᵩ lzʜOɑzsfɲ lzɘɑ[ʜjᵩls fᵩtsʁfᵩʃɘjᵩɑzɑz ɑʒɑ[ɠɑzOlOɑʒɑ[ʃtsɘjᵩʜjᵩɑzɑj jᵩfᵩʃjᵩfᵩʃɘjᵩɑzɑz ⊐ fᵩʃsɑʒɷɑzOɑʒʁlzɑz, lsts jᵩɠtsfɲɑzzϤ Oϴ ɑ[ɑʒ tʃtsɘjᵩLɑzsʁtsɑzʰ jᵩ. ∫ ɑzɠtsɘtsɷtɷ[ls, ʕOϤ tsʜɑzOϤʜʳ tsɑzɑ[fᵩtstsʁʱ ɑ[ɑɷ[jᵩɑʒj, ʋlsts tʃtsʷɘɑ[ɑzOfɲ lsOϤOʸ ʁtsɑzɑzOʸ ɑ[tsɑzɑ[tɷjʰ ɑ[ɑɷ[LOɑjᵩ ʔ tʃtsɑzɑʁɑzʰ ʜOlsʰ . l OϤtsɑjᵩʋɑ[⊐ lsjᵩtɷ[jᵩɑzɑjᵩ ʁʳ ɑzs ɘtsLɑzOɠtɷOϤʜjᵩɑzs. ∫ ɑzɑ[lzɘɑ[ʜjᵩɑzɑ[, ʕOϤ ʁtsɑzɑzOʸ ɘfɲʃsOɑzOfɲʃtsfɲʃsjᵩɑzɑ[, ɘʳ tʃtɷʳ ɠɑzɑzOfɲɑjᵩtsʁʳ ʕɑzsɘjᵩɑzɑzs? ɑzsɘʕtsfɲʃsʰʸ ɑ[L tsʕɑzOɘts ʜɘtstɷ. ϩ Oɑzjᵩlsɑ[ɑzOlsOʋʕlz ɑ[tʃtsʕOlsɑ[ɑzOjᵩj . ϩ OʇtslsjᵩɑzOɘʳ ʔlsɑ[ʋjᵩtɷjᵩL ʕOɑzɑ[lsʕlz, ɑzs lsOϤ ʕOϤ tsɑzOtsʕOLOɑzfɲ LOʃjᵩtɷlstsʔ, lsts ʁtsɑzɑzOʸ, ʕOϤ LOʃtɷOɘfɲʕɑ[ʔ Oɑz tʃɑ[ɑzɑ[fɲʃs, ɘLtsʁtɷOɑzfɲ ɑzOfɲʃsjᵩɑzɑ[ɑ[tʃtɷɑ[ɑzᵩɑzfɲ tʃts ɑjᵩʔ ʁjᵩɠOlsʰ ɘLOʜ ɑ[ɘtʃjᵩtɷjʜ. l Oʜtɷzɠlzʁ ɑzsʋᵘ ʕOɑzɑ[lsʕlz fɲʃjᵩʋɑ[Oɑzɑzɑjᵩ tslsʕtɷʳ ɑzɑ[. ɹ tsɑzɑzOʸ ɘʳ ʰ ɑzOʋjᵩtɷjᵩL ɑjᵩjᵩ ɘ fɲOʜ, ɑzOʋɑ[OɑzOfɲʃsʁɑ[tɷOlsʰ fɲʒ⊐ɑ[jᵩ ɘjᵩlsɘɑ[, ɑ[L ʕtslstsɠtɷʳ ⊐ tsɑzOʜjᵩɑzOɑzOʁlzʕjᵩls, ɑzOɑʒjᵩtɷjᵩɘOʸfɲ ɘ fᵩʃtsjᵩɑʒ ɘtstsʁtɷOϤjᵩɑzɑ[lzɑjᵩfɲʃsɑ[jᵩɠts fɲɑfɲʃsʁtsʔ. ϩ OlsjᵩɑʒtsɑzOfɲtslsʕtɷʳ lsʳ ɑʒɑ[ɠɑzOLOɑʒɑ[ɘjᵩtɷɑzɑzɑzOfɲ ɑ[ɑjᵩɠɑzOfɲʃOlsʰ . ʂ OϤ ɑʒʳ lzϰjᵩ ɠtsɘtsɷtɷ[ɑzɑ[, ɑzzɑzɑzOlsɑ[ʕtsɘ fɲɑɷ[lsOʸ ls tʃfɲɑ[⊐ɑ[ɑjᵩfᵩʃɑ[ʁtsɑzɑz ɑʒɑ[ɑzʰ ɑzʒ ʜʳ ɑʒɑ[. l ts ʋlsts lz ɑzɑ[⊐ tʃtsɘtɷjᵩϰ ʜjᵩɑzs ɘ ɑʒʕLɠjᵩ ð tslsɘjᵩls ɑzOᵘ lstsls ɘtsʃtɷtsfɲɑjᵩ ɑzɑʔ ʜjᵩɑzɷʕlsOɑʲʰ ɑ[ʔ ʜtsʕlststɠʁtsɑzɑzɑ[ʋʳ ʜɑzʷ lzɑʒOɑzɑ[ʰ jᵩɑzɑz ⊐ ɘ l ɑ[ϰɑjᵩʔ ɸ ɘfɲʃstɷɑ[ɑ[∫ ʁ ʜɘɑ[ɠ z, ɑzOɠjᵩtɷtʃtsfɲɑʷlsɑ[ɑzʜjᵩ fɲʃlsᵘ ɑjᵩls lstsɑʒɑz, ʋlstsʁʳ tsʁɑjᵩɠʋɑ[lsᵘ fɲʃzʜᵘ ʁlz ɑzɑzɑzOsɑ[ʕtsɘ, tsʁjᵩfɲʃjᵩʋɑ[lsᵘ ɑ[ɑʒLOʰ ɑ[lsɷ ɘ lzfɲɑzsɘɑ[ʷ⊐ tʃfɲɑ[⊐ɑ[Oɷtɷɑ[ʋjᵩfᵩʃɑ[ɑjᵩʋjᵩʁɑzɑ[ʋɑ[ɘ lsʁ tɷjᵩɑʒɑzz ⊐ ʕOɑʒjᵩtɷOɷ, tʃtɷjᵩʜtsfɲʃsOɘɑ[lsᵘ ɑ[ɑʒɑzstɷɑʒOɑz ɑzsjᵩ tʃɑ[lsOɑzᵩ[jᵩ ɑ[lz⊐tsʜ. ⌈ ɠtsʕtsɑzɑjᵩɠOʁlzʜlzʰ ɑ[ʔ tʃtɷtsʷjᵩ fɲʃɲʃstɷtʃfɲɑ[⊐ɑ[Oɷtɷɑ[ɑ[⌋ jᵩɑzfᵩʃtsɠtsɘjᵩtɷfɲɑ[ʃlsjᵩlsOσjᵩtsʜtstɷ∫ jᵩʔɑjᵩtɷls fɲɷʋɑ[lsOɑz, ʋlsts ɑzsj tsʜɑ[ɑzɑzɑzOlsɑ[ʕ ɑjᵩʁʳ ɑzɑ[Lɑjᵩʋjᵩɑzɑjᵩ ʋlsts lstsɑzʕtsʁɑzɘɑ[ʷ OɑzOlstsɑʒɑ[ɑ[ɠtsɑzsɘɑzsɠts ɑʒsLɠOɑʒsϰɑzs ɑzOʔlsɑ[tʃlzlsɑ[ʕ tʃtsʃtɷɘʕj . ∫ ɑzɠtsɘtsɷtɷ[ɑz, ʋlsts, ʕtsɠʜOjᵩɑʒzlzʜOɑfɲʃsfɲʷlzLɑzOlsʰ ɘfɲj ts lstsɑʒ ʕOϤ tɷOʁtslsOjᵩls ɑʒsLɠ, ʋlstsɘʳ Lʳ ɘOjᵩls tɷOɑfɲfɲʃstɷtsʔ fɲʃsɘts jᵩɠtsʷlzɑzʕɑ[ʔ, tsɑzᵩfɲɑʒsϰjᵩls ɑ[LʁOɘɑ[lsʰ ɑzɑzɑzOlsɑ[ʕtsɘ tslsɑ[⊐ LOʁtsɑjᵩɘOɑzɑ[ʷ, lzɑfɲʃsɷOɑzɑ[ɘ ɘʳ Lʳ ɘOʸ ʰ ɑ[j ɑzɑzɑzOlsɑ[Lɑʒtʃtɷɑʃɑ[ɑzɑz . ʕ lsts LOʸɘɑjᵩɑzɑ[j fɲɷjᵩɑzOɑzɘ fɲjᵩtɷjᵩʜɑ[ɑjᵩ XIX ɘjᵩʕO, fɲlsjᵩ⊐ tʃtsɷɑʒɑ[ɑzɑzɑzs ɑʒɑzsɠts ɑjᵩls, ΟçɘtsL ɑ[ɑzᵩ ɑjᵩ lsOɑʒè.

Λ tɑj ʔʜ

əfɲjɠtsɭzʜɖʃəɖzʸɖʊs, lsʘʕɬ ɻlsʦjɻɠtsʙjɻʟtsʰ ɖʃʙtsɰɖzᵡ ʔ əʳ ʙtstɕɖjɻʕʘɬɛfɲʃsə ɖ ɖʊsəʕtsfɲʃsᴴ , fɲʕtslststɑtsɬʔ tsɖzᵡ tɑʘʟəjɻʰ ɖʃəʘɬɖzʕtɑtsᓐtslsɖzᵡ jɻ tʃtstɕɰɖʃɖ tʃtɑjɻtʃʘɬɑʘlstsə.

ʀ fɲᓐtsʜʷ ɖʃʟ tʃtɑɖʃəjɻʜjɻɖʊɬzᵡ ⊐ fɲɡɬzɰʘ, ɖʊʦsʞ ɖʊs fɲʕʘʟʘlsᴴ , ɰʦlstsə fɲʦɖʦɖʘɬʦʁlzɖʊɖʃʟɖʦjɻ ɖʦʳ ɖʃɖʦjɻjɻɖʒʜjɻɖʊs ɖjɻ fɲ ʙjɻ fɲʃtstɕʷʜtsɰɖzᵡ ɖʒʦ, ɖjɻ fɲʁʷʟɖzᵡ ɖʒʦ[tʃtɑjɻʜfɲʃsʘəɖjɻ ɖɑʦʷɖʒʦ[tʃtsəjɻtɕ⊐ɖʊsfɲʃsɖʊsɠtsfɲɡɬzʘ, ʘfɲʃtsɠtɑʘɬɖɑʦɰɖzᵡ ɖʒ ɖʊsɠɖʦɰɬɻjɻfɲʕɖ fɲʁʷʟʘɬɖzᵡ ɖʒʕtsɖʦʃɖjɻʕfɲʃsɖʒʃtʃtɑjɻʜfɲʃsʘəɖjɻ ɖɑʦʔ, əfɲʃɖzᵡ əʘʸʰ ɖʃɖʒə fɲʃsʟɖʘɬɖɑʦɖʃɖ. ɭ ɖɑzlstɑɖʃɬlstsʔ tsɠtɑʘɬɖɑʦɰɬɻjɻɖɑʦʊsʔ fɲʷjɻtɕʳ ʙtsʜtɑfɲʃsətsəʘɬɖɑʦʷ tʃfɲɡ⊐ɖʦɰɬɻjɻfɲʕʘʸ ʜjɻʷlsjɻɖzᵡ ɖʊsfɲʃsᴴ tʃtɑʦʷəɖzʸjɻlsfɲʸ ʙtsɖjɻjɻ ɖʃɖʊsjɻɖɑfɲɡʃəɖʊs ɖ fɲɡʃtsəʳʰ jɻɖɑʊsʔ ɬɖjɻtɑɠɖʦjɻʔ. ʕ lsɭzʷʷtstɑɖʒzᵡ fɲʦɖʒʦɖʘɬɖʒʁlzɖʊɖʃʟɖʒʘtʃtɑəɖʃɖzᵡ ɖjɻjɻ ʙʳ ɖʊs ʙʳ ɖʊʘʟəʘɬsᴴ ɖʃʟɖʒjɻɖjɻɖʊɖzᵡ ɖʒʙtsʜtɑfɲʃsətsəʘɬɖɑʦjɻɖʒ, ɖʃɖʊɖʃ, ʕʘʦjɻjɻ ɖʊʘʟəʘɬɖzᵡ fɲʕʘʸɑʌ tsɠls, ç ɰʘ⊐fɲʃsɖʃɰɖzᵡ ɖʒ fɲɡʃfɲʃsjɻɖʒʘlsɖʃʟɖʦtɑtsəʘɬɖɑʦɖzᵡ ɖʒʙtsʜtɑfɲʃsətsəʘɬɖɑʦjɻɖʒè.

ɭ tsʟᴶ ɖʒjɻɖʒʟʘtʃtɑəɖʃɖʊs ʜʘəʘlsᴴ ʕtstɑtslsʦlzᵡ ʙɖʃtsɠtɑʘʷɖʃɰɬɻjɻfɲʕʘʸ fɲʃtɑʘəʕlz tsʙ lzɰɬɻjɻɖzᵡ ⊐, əɖʒɬfɲʰ ɖ⊐ɖʊʘɬʙtsɖʒjɻfɲʰjɻfɲʃsəjɻɖɑʦɖzᵡ ʔ əʕɖʊʜ ə ɖʊʘɬʕlz tsɠɖʃɖʊsʟjɻ. ʊtsɖʊɬɖʔ ʘɬʊʘɬɖʃlsɖʃʕ ʃ fɲʕʘʦʌ tsɠls (Vogt), ɖʊʘʃtsɖʊsəɖʃɖzᵡ ʜʘlsɰɖʊɬɖʃɖ, ɖʊʘʃtsɖʊsəɖʃɖzᵡ ɖjɻɖʒjɻɰɬ, ɖjɻ lstsɖzᵡʕts tʃtɑjɻətsfɲᓐtsʜɖʃɖzʜtɑzɠɖʃᓐ fɲʃjɻɰɖʃʘɬʊʘɬɖʃfɲʃstsə ə lsjɻ⊐ɖʊʃʕjɻ ɠɖʃtʃɖʊslsɖʃʟɖʃtɑtsəʘɬɖɑʦʷ, tsɖzʙʳ ɖzɖʃ fɲʘɬɖʒʸ ɖʒlzʃtstɑɖzᵡ ɖʒə ʜtsfɲʃsɖʃʞjɻɖʊɬɖʃ ɰjɻɖʊʃ. ʊtʘʕ, ə 1894 ɠtsʜlz tsɖzᵡfɲ300-ɠts tɑʘʟʘəʳ ləʘɬzɠɖʃtʃɖʊsʟ lz tsʜɖʊsɠtsfɲʁtsjɻɠtsʃtʃʘɰɖʃjɻɖʊsʘ*. çʅ ʘtsfɲɡʊsəʘɬɖɑʦɖʃ ɖʒsjɻɠtsʃtstʃʳ lsʘ,ð lʘʸəɖʃɖzʌ tsɠls, ð ʷ lzlsəjɻtɕʞʜʘʸ , ɰʦlstsɖʃɖfɲʕʕlzfɲɡʃsəjɻɖɑʦɖzᵡ ʔ fɲʃsɖʒʘɬʊʘɬɖʃʁlzɖʊɖʃʟɖʒɖʒʦsʞjɻlsʙʳ lsᴴ əʳ ləʘɬzɬz ʕʘʞʜtsɠtsʟʜtstɑtsətsɠtsɰɬɻjɻɖʊʃsəjʕʘ, ʘtʃtɑjɻtʃʷlsfɲʃsəɬzʰ ʃ ɖjɻ ɬlstsɖʒzə ʜʘɬʊɬɖzʰ ɖʒɖʃɖzɬslz ɖʒʃsɖʒjɻɖʊsʳ tʃtɑɖʃ lsjɻtɑfjɻɖʊɬɖʃ əfɲjɠʜʘ tʃtsʜʜʘʸ lsfɲʸ lzfɲʃstɑɬɖjɻɖʊɬʰ è. ʃ fɲʕʘʦtɑtsʜɖʃɖzfɲʸ 6 ʘtʃtɑjɻɖzʷ 1870 ɠtsʜʘəɠ. ɬ lzʟlzɖʒ ʟjɻɖʒʃzʸ zɻ ɖjɻʟəɖʃɠ-ɬtsɖzʰ lsjɻʔɖzᵡ ɬ ɖʃtsɖʊsɠɖʃʰ ɖʃɖʒjɻʜɖʃɰɖʃɖzᵡ ɖʒ

Ж жЮОфЯ ъЫ эЭЮ

∫ ɑ⊐Oɑɑzɻ tsʔʷʷjls

ʇtsjɢtsdʒdjdzɑʃᵏ ,ʷədzʷjlsfɲʸ əʇtsdzdjɯ нtsfɲʂOlstsɴɑdᶻ dʒвjʟ ʇtɑtsвlzʞнjdzɑʃʷ ʕOʕɑ⊐-dzɑʃвts Gʷʷjʕlsʃədᶻ⊐ ʷʷOʕlststɑtsə: çʌ tɑjʔн ʷədzʷjlsfɲʸ ʇtɑtsfɲʂtsɢtɑOdzɑʃɴjdzdᶻ dʒʷʷOdzOlsɑʃʕtsdʒ jɻfɯdzɑʃ ɑʃfɲʇtsdᶻʟlzjlsʇtsнtsвdᶻ jɻ fɲtɑjнfɲʂəOè. ʃ fɲjdzsʷвtɑj 1911 ɢtsнOʌ tsɢlsвʳ dzɑʃʟвtɑOdzʇtɑjʟɑʃнjdzststdʒ∫ jɻʞнlzdzOɑtsнdzsɢts ʕtsdzɑtɑjfɲfɲO dʒjнɑʃɴɑʃdzfʕtsʔ ʇʃfɯʃ⊐tsdɑsɢɑʃɑ ə∫ ᵍ dzZjdzɻ. ʉ 1955 ɢtsнOʌ tsɢlstɑjнOʕlsɑʃtɑtsəOdzʞlztɑdzOdz çHypnotismusè (ç,ɻɑʃʇdzɑslsɑʃʟdʒè). ʉʇʃlzfɲʂʷ ɴjɻlsʳ tɑj ɢtsнO31 ɑʃᵍ dzʷ tsdzlzdʒjtɑə ətsʟtɑOfɲʂj 89 dzɻlsə ʌ tɑjʔвlztɑɢj, ɹ tɑjʔɯɢOlz.

ʃʳ нOʸ ʰ ɑʃʔfɲʸ tɑlzfɲfʕɑʃʔ ʇʃfɯʃ⊐ɑʃOstɑɢ.ʃ . X. ʂ Odzɯɑʃdzfʕɑʃʔ, ɴjɻdzsəjʕlstɑO:ɢɑʃɴjɻfʕtsʔ fɲlzнᵘвʳ ,ə fɯptsjʔ ɑʃʟəjɻfɲʂdzsʔʕdzɑʃɢj (çʃ ʇʃfɲjəнtsGOdzdᶻ ɴɑʃdzɑʃɢj, 1890) fɲʇstsвʰ G;lsfɯlzɴɑOʔ ɑʃʟ ʇʃtɑO:lsɑʃʕɑʃ ʷʷtɑOdzɯlzʟɻfʕtsɢts ʇfɯʃ⊐ɑʃOstɑO∫ jɻɢtɑOdzOнᵍ ʉtsdzdzᶻ* ʃ tsнdzsdʒʕOstsdzɑʃɴjɻfʕtsdʒdʒtsdzɑO:fɲʂʳ tɑj tsнjɻtɑ>ɑʃdʒtsdʒʒ fɲtsdʒdzOdʒʁlzdzɑʃʟdʒtsdʒdʒtsdzɑO⊐lz ʇʃtɑɑʃfɯdzɑʃdztsfɲ, ɴlstsdzOfɲʂtsʷlsjɻdᶻ dʒtsdzOfɲʂtsʳ tɑʷ lzвɑʃdzjɻɢts dʒGʂʳ ɑʃjɻj ʕtɑtsəO⊐Oʸlsjɻdᶻ ʷəɑʃdzOfɲj ʕ dzjɻdʒz, lstɑjвlzʷ ətsʟdʒjʟнɑʃʷ. ʉ dzstəɑʃнjɻdzɑʃjɻ ʇʃtɑɑʃəjɻdzts jɻɢts ə lsGʕtsʔ ɢdzjə, ɴlstsətstsdzʞɑʃəʰ ɑʃfɲj вtsdzʰ ɑʃdʒdzstsʞtsdʒ tsdzʟzfɲʂtɑjɻdʒʃdzɲʸ ʕ ʕjɻdᶻjɻ tsвɑʃнɴɑʃʕOʃ tsʔнʷ ə ʕjɻdᶻᵍ ,tsdzɑfɲ⊐tsнlz ʇʃtstɑOʟɑʃdzdzɑstsʞtsdʒʇʃtsfɲʂjɻdᶻ, dzjɻʟOdʒjlsɑʃə,⊐tslsʷ ɢdzɑOʟOjɻɢtsвʳ dzɑʃ tslsʕtɑʳ lsʳ ,ɴlstsʇʃtɑʃstɑɢfɯʃнɑʃlsʟOfɲʂtsdzstsdʒ ʇʃtsн dzɑOdʒʃtsʔ ɑʃɑʃʟzɴ(ʃlsнtsʕlzdʒjdzɑsʳ . ʉнjɻdzɑəнjɻdzts,dzɑstsdzɑ⊐əjɻtɑdzzdzfɲʸ ʕ fɲjвjɻ ɑʃdjjɢfɯjOlsᵘ. ɹ tɑtsfɯdzɑəʰ ɑʃfɲj, tsdzɑəfɯʃtsdʒɑdzɑʃɑdzfɯptsʔ fɲtsdzɑdzɑtsвʳ dzɑə ʇʃtsdzdzɑtsʔ lzəjɻtɑjɻdzɑdzɑtsfɲjsɑʃ, ɴlstsfɲtsвʳ lsɑʃʷ ʇʃtɑtsɑʃfɲ⊐tsнɑʃdzɑʃ ɑʃdjjɻdzɑdzɑtsətsfɯdjɑ (ʂ Odzɯɑʃdzfʕɑʃʔ, 1876, fɲ 147). ʀ ʟ ᵘlstsʔ ʟdzɑtsəjɻʰ jɻʔ ɑʃfɲjststɑɑʃɑʃ dzɑOʃtɑOʸ ɑəOjɻlsfɲʸ tɑɑʃlststɑɑʃɴjɻfʕɑʃʔ ətsʃtɑtsfɲ;вtsнtɑɑfɲjsəlzjɻdʒdzɑʃ dʒʳ ɑʃdzɑʃdzɑOʒlstsdzʕtsʕOʞjɻlsfɲʸ, ɴlstsdʒʳ вtsнtɑɑfɲjsəlzjɻdʒ, Odzɑ·fɯOdzɑtsdʒнjɻdjɻ dzɑOdʒᵘlstsfɯdzɑʃlsfɲʸ ətsfɯdzɑʃ?

ɹ tɑɑʃəjɻнjɻdzdzᶻ ʔ ʂ Odzɯɑʃdzfʕɑʃʔ ɑʃdʒfɯdzɴɯʃʔ ʇʃtsʕOʟʳ əOjɻls, ɴlstsɑ⊐tslsʷ ɢdzɑOʟOfɲtsdʒdzɑOdʒʁlzdztslsʕtɑʳ lsʳ ,ɑʃ⊐ ɴlzəfɲjsəO·tʃtsdzdzɑsfɲjsᵘᵍ ʇʃtsнɴɑʃdzjɻdᶻ fɯdzɑsəɑʃнjɻdzɑʃᵍ . ʃ dzɑʃ dzɑsɢlzlsəɑʃнjɻlsʳ lstsɑ, ɴlɻɢtsdzjɻls, ɑʃ, dzɑOɑsвtstɑɑtsls, dzjɻ əɑʃнjɻlsʳ lstsɢts, ɴlstsfɲjʰ jɻfɲjsəlzjɻls. zɻ jɻʕfɯʃɑʃtɑɑəçʃ jɻнɑʃ ʃ OʕвjɻlsèəjɻdzɑʃʕtsdzjʇʃdzɑstslstsвtɑOʟɑʃdzᵘlsz ɑʃʟвɑʃtɑO:sjɻdᶻdzɑsfɲjsᵘ ʇʃfɯʃ⊐ɑʃʕɑʃ. ʃ dzɑOɴOdzjʇʃʷlstsɢtsOʕlsO·ʇʃtɑɑʃнətstɑdzOʸ нOdʒO·tɑOfɲʂOʳ əOjɻlsətɑOɴlz, ɴlstsdzjнɑʃ

* ʃ jɻɢtɑOdzʜᵍ ʉtsdzdzᶻ (Legrand du Saulle H., 1830ð 1886) ð ɑʃʟəjɻfɲjsdzᶻ ʔ ʷʷtɑOdzɯlzʟɻfʕɑʃʔ ʇʃfɯʃ⊐ɑʃOstɑɢ, tɑtsн. ə ɾ ɑʃʞtsdzjɻ, ɢнjɻ ʇʃtsdzᶻɴɯʃɑʃdzdzɑOɴOdzᶻdzɑsjɻ dzjнɑʃɴɑʃdʒʃʕɴjɻ.ʃʳ вɑʃtɑO:ʸ fɯʃjɻɴɑʃOdzɑʃʟOɴɑʃᵏ , tsdzɑfɯɑOʟzвjɻʟ ʕtsdzjвOdzɑʃʔ ʇʃtsfɯʷlsɑʃdzfɯjвʷ ɑʃʟzɴɯjdzɑʃᵏ нlzʰ jɻədzᶻ⊐ʟOвtsdzjəOdzɑʃʔ. ʉdzɑOɴOdzOtsdzfɯdzʞɑʃdz ətɑOʟdzɑʃɴɑʃdzᶻ⊐ʇʃtɑtsəɑʃdzɑʃɑʃOdzᶻdzᶻ⊐ʟO:jɻнjɻdzɑʃʷ⊐ нdzʷ нlzʰ jɻədzɑsвtsdzᶻdzᶻ⊐;ə ɹ Odzɑʃʞ ʇʃtɑʃjɻ⊐Odzə 1867 ɢ., fɲʂfɲjstsʷdzdzOfɯdzʞвjɻ ʇʃtɑʃɹ ɑʃfɲj-lstɑjɻ, ʟOsjɻdʒʉOdzᶻʇʃjlstɑʃjɻtɑj. ʃ dzstsнɑʃdzɑʃʟ lzɴɑjɻнɑʃlsjɻdjʔ ʃ вʰ jɻfɲjsəO fɲlzнjɻвdzɑsʔ dzjнɑʃɴɑʃdzᶻ, lzɴOfɲjsətsəOdzə tɑjнOʕlsɑʃtɑtsəOdzɑʃɑʃʞlztɑdzOdzOçɸ dzOdzɑʃʟ dzjнɑʃʕts-ʇʃfɯʃ⊐tsdzsɢɑʃɴjɻfʕɑʃ⊐ ʇʃtɑtsвdjɻdʒè.

[illegible]

* Descartes. The Philosophical Works of Descartes, E. Haldane and G. Ross, 2 vols. p. 101 (Cambridge, 1934).

fɳsuɑʃɑjɬɑzʃj ɑʃ fɳsOɑzɑzʃ⊐tstɑOнtsuɑzs tʃɑʃfɳGlˢ ɑʃ нj,ʕɬzOɑlzʃtɑtsəOlsᴵ ɑzOʃɑʃfɳOɑzɑzsj əfɳɑlz⊐. ʃ lstɑOнtsfɳlsɑʃ, uɬsts tɑɑʃʷ zʃOɑzɑ2нj,zOɑʃ fɳlsɑʃ⊐ fɳɑzsʏɑʃɑzfɳʃ lzнOuɑzs, tsɑzɬɑOfɳfɳɑzjʷzfɳʸ. ɿ tsfɳɑjɬ tʃtɑOəj,нɑz ⊐ lstɑzнtsə ɑjɬGˀə tʃtsfɳsjɑz. ʊ lstɑtsɑʒtsɑzнtsfɳsOɑzfɳtʃtɑʷlsOɑzɑzʃ j,ʟOʃɑʃfɳʃ ɑʃ fɳɑzʒ fɳɑzʁ, uɬsts tʃtsɬɑOʙʳ tsʕtsɑzuɑʃlsᴵ əujɬɑOᴵ ɑzɑʃj fɳlsɑʃ⊐ɑʃ, ʟOɑʃɑzʷɑzɑzɑzə ɑzɑʃ⊐. ɭ ɑʃuj,ɑtsɑjɬ tʃtsɑʒɑzʷ ts ɑzsuɑzsɑʒtʃtɑɑʃʕɑzʃ uj,ɑzɑʃɑʃ ɑʃ tsʙɑzOɑlzʏɑʃəʟOʕtsɑzuj,ɑzɑzʃ j, fɳlsɑʃ⊐ɑʃ, tsɑzʷuɬɑjʟəʳ uɬO2ɑzs lzнɑʃəɑʃɑzfɳʸ.
ɾ tsfɳlstsəj,tɑɑzs ɑʃʟəj,fɳlsɑzs ts lstsɑʒ uɬsts ʷʷɑʃɑzsfɳsʷʷ-tʃtɑtsfəj,lsɑʃlsj,ɑzʃ ʂ tsɑzʁɑʃɑzʃʷʕ* əts ətɑj,ɑʒʷ fɳsfɳlsOəɑj,ɑzɑʃʷ fəɳtsj,ɑtsçCours d'etudesè uɬOfɳlsts ə fɳsfɳlstsʷɑzɑʃɑʃ fɳlsɑʒɑzOɑzɜʁlzɑzɑʃʟɑʒOʟOʕOɑzuɑʃəOɑzɬslstɑɾ əʕɑʃ fəɳtsɑʃ⊐ fɳsuɑʃɑjɬɑzɑʃ2, ɑzɑzuɑʃOlsʳ j,ɑzɑOʷəlz. ɾ Oɑzj,ɑʒʳ tʃtsʕOɬj,ɑʒ uɬsts tsɑzʁʳ ɑzɑzj,нɑʃɑzfɳlsəj,ɑzɑzʁ ɑʒ lzʕtsɑtsɬ lsts ⊐tstɑtsʰ ts tʃtsɑzuɑʃOɑzsfɳ. ʀ ʁts ə fɳlsɑʒɑzOɑzɜʁlzɑzɑʃʟɑʒ əfɳj lzfɳɑzsəɑʃʷ нɑzʷ lsətstɑɑujɬ fɳlsəO tʃtsɑzɑzOʷ fɳsfɳəj,нtslstsuj,ɑzɑzsfɳlsᴵ, lzɑʃɑzʁɑzj,ɑzɑzsfɳlsᴵ ə fɳj,ʁʷ. ɭ ɬ lstslstʃj,tɑɑʃtsн fɳɑʃɑʃɑzɑzʁ əɑj,ʰ ɑj,ɑʃts ɑʒʃtɑOtʃtsuɬsɑʃ ɑj,нtsfɳlsɑʃɑʃOᴵ ls ɑʃ ɑj, tslsəɑj,ʕOᴵ ls fɳsʟɑzOɑzɑʃj, tslstɑOʁtslsʳ. ɭ Oᵘ lsts j,ʰ j, tsʁtɑOlsɑʃɑzɑʃ əɑzɑʃɑʒOɑzɑʃj, tʃj,tɑəʳ j, Oəlststɑʳ. ɭ 1681 ɑʃtsнlz ə çMifcellaneis curiofis Academie Naturae curioforumè tʃtɑʃətsнɑʃlsfɳʸ ɑʃfɳlststɑɑʃʷ, ʕtslststɑzᵏ ɑzOəɑzᴵ нOɑzʂ ɑzəəнj,tɑ. ʊ uɑʃlsj,ɑzᴵ нOɑzʟOнOɑzɑʃj, lzuj,ɑzɑʃʕlz tʃtɑɑʃɑʃtslststəɑʃlsᴵ lzʃtɑOᵠ ɑj,ɑzɑʃj, tʃtsɑʃtɑOɑzʒɑzlsɑʃʕj, ɑzOlsɑʃɑzfɳʕtsɑʃtsʷʟʳ ʕO ʃ ɑzj,ɑʃtsəʳ tʃtsɑzɑzɑʃɑzçəts fɳɑj,è, Olzlstɑtsɑʒɑj,ɑʒtsɑʃtʃtsɑzʷlsᴵ, ʕtsɑʃнOᵘ lsts lzfɳʃj,ɑzfɳuj,ɑzOlsᴵ.
ɻj,tstɑɑʃ-ʌ tɑɑʃнtɑɑʃ⊐ ʃ j,ʔj,tɑtɑɑʃfɳʃʕOᴵ əGj,ls, uɬsts ɾ. ɭ ɑʃtɑj,ɑzɑʁj,tɑɑʃɑʃ-lzfɳə ʕɑzɑʃɑʃj, çPfilosophia curiofaè fɳlstsʁʰ Gj,ls tsʁ ɑʃj,ʟlzɑʃlsj,, ʕtslststɑʳ ʔ əts fɳɑj,ɑ ʟOsj,ʷɑzʃtɑtsʃtsəj,нᴵ. ɻ tsətstɑɑʃɑzɑzsɑzʁtsнtɑts, ʕGʕ ʁlzнlsts fɳlstsʷɑzɑzO ʕGʷj,нtɑj,. ʀ ɑzɑzsɑʃнOlzʃtɑOᵠ ɑzʷɑzɑʃʸ ə fəɳj,lsfɳʃɑʃ⊐ ɑzOlzʕGΓ, tʃj,tɑj,fɳʃOᴸʳ əOʸ uj,ɑzᴵ j, ʕɑzɑʃɑʃGɑʃ нtɑj,əɑzɑʃ⊐ tʃtsᵘ lstsə. ɭ lsOʕtsɑzʒlsətstɑɑujɬ fɳʃtsɑʒfɳsfɳlstsʷɑzɑʃɑʃ tsɑzʃtɑj,ʁʳ əOɑlzslsɜ нts 4 uɑʃfɳsə lOɑzɑzsuᵘ, fɳsuɑʃɑzʷʷ ɑʒɑzɑzsʏj,fɳsətsfɳlsɑʃ⊐tslsətstɑj,ɑzɑʃ2. ʃ ɑzɑzsɑʃɑj, tʃtɑtsətsнɑʃɑzɑʃ fɳɑzɑʃɑʒɑzɑzsuɑʃ, uɬstsʁʳ tʃtsuj,tɑʃɑzɑzlsᴵ lɑzɑzɑʃʷ tslsj,ɑʃts çɑzɑzsuɑzɑzʕ ɑʒzнtɑtsfɳlsɑʃè. ʃ tsʏɑzɑzs tʃtsʏj,ɑzɑʃlsᴵ əfɳj,ɑʒtʃtɑtsʃtsəj,нɑzɑʃʕOɑʒ ɑʃtsətstɑɑʃls ʃ j,ʔj,tɑ, uɬstsʁʳ tsɑzɑʃ ʁʳ ɑzɑʃ ɑzɑzɑzɑzlsɑʃʕOɑʒɑʃ (ʃ j,ʕj,tɑ, 1764, fɳ 9).
ɭ ʕ ɑzuɑʃɑʃʕɑzstʃj,нɑʃɑʃ 1776 ɑʃtsнO, ɑʃlнOɑzɑzɑzs? ə ɾ j,ɑj,əj, ɾ ɑʃнtɑts ɑʃ ɾ Oɑzɑʃɑʒʁj,tɑtsɑʒ ə fɳsOᴵ j, ts fɳsɑʒɑzɑʃɑʒʁlzɑzɑʃlsɑʒ tʃtɑɑʃəj,нj,ɑzʏtsнɑʃɑzɑʃʟ tʃj,tɑəʳ ⊐ tstʃɑʃfɳɑʃɑzʁ ⊐ ə ɑzɑʃlsj,tɑOᵠlsʕtɑj, fɳɑzʁuʕj,ə. ʃ tsɑzʁsнts? fəɳʷʰ j,ɑzɑzɑʃʕ əfɳsOəɑʃɑzəfɳʸʕlzᵏ ɑzʁsuᵘ, ʁtɑOɑzʁlzɑʒʕɑzʁ, fɳsuɑʃɑzʷɑzɑʃ lOtʃɑʃfɳ əOɑz
* ʂ tsɑzнɑʃɑzʷʕ ð uɑʃj,ɑzʌ tɑOɑzlzʟfɳʕ? GʕOnj,ɑʒɑʃɑ (1768), ʁtɑOls ʃ Oʁɑzɑʃ, ətsfɳʃɑʃlsOsj,ɑz əɑzʕO
ʃᵏ нtsəɑʃʕOXV ð gj,tɑutsgOɿ Oɑɑɑʃfɳʕtsgɑts.

্ড়ত৫ষ্ড়ত্স্ত৯্ ষ৩. ৰ ৩্ড়ক্ড়ফ্ণ৯ ফ্ষ্ত৫৩ড়ঃ্ড়ৰ, ত্সড়ঃ্ড়্ ত৫্ ষ্ ষ৩ড়ঃ্ড়্ ত্সষ ষ্ড়ঃ্ড়্ ত্সষ ষ্ড়ঃ্ড়্ ত্সষ ষ্

ʃ ɑʃ⊐Oɑʃdzzɻ tsǂʔʷʷ j ls

ʏ j tɕj ʟ dʑj ʕtslststɑtsj ɘtɕj dʒʷ tsdzʐzfɳʃtsʕtsɑʃdzfɳʸ ɑ ʃ fɳjsOɑlzɻlsts-lsts dzɑʃ⊐tstɑOнtsɻɑdzs ʟOʃɑʃfɳ ɘOɑsᴵ . ʀ fɳʃɑʃfɳʃɘ ɑʃʟtɕʷнdzsj ʕtsdzɑʃɻj fɳjsɘts вlzdʒOɑʕɑʃ, tsdzʐfɳɑdzsɘOdʑɢ fɳʃOɑsᴵ . l Oʃfɳɑlʑ нlzᵏ ʃʰ j j lzlstɑts Oнɘtsʕ Oɑs tʃtɑtsfɳɑlzzdfɳʸ tsɢʈstɑɻj dzdzᵛ dʒ l Oʃtɑ⊐fɳfɳʃtɑtsfɳ xɻ j dzᵛ tslsɘj lsɑʃdz, ɻlsts ɘts fɳɑlʑ j dʒzᵛ tʃtɑɑʃʰ dzOɑʃdzsj tɕj fɳɑlzOʸ ɑʃнj ʷ ts lstsdʒ ʕɢʕ tɑOɻtɕjʰ ɑʃlsᴵ нj dzts, dzts fjj ʔɻɑ⊐fɳdzɑʃɻj ɢts dʑ tʃtsdʒdzɑʃls. ɕɕ вʳ dʒdzsɢʈsj tslsнOdz, ɻlstsвʳ ɘtsfɳfjsOɑlsɘɑʃlsᴵ ⊐tsн fɳɘtsɑʃ⊐ dzsɻdzᵛ ⊐ tɑO⊐fɳfjzɻ нj dzɑʃʔè,ð fɳʃO.LOdztsdzʐfɳɢʈstɕj ɻʃᵏ . ɾ j dzOtʃtɕj нdzsɻ ɑʃdzOj dʒz tʃtsfɳʃʤslstɕj lᴵ dzO вlzdʒOɢlz, ʕtslststɑOʸ dʑ ɻ Oɑzɑtɑsɘdzs? fjststʃʕts? lz dʑɢts dzOfjstsdʑ . ɿ tɑtsɻɑʃlsO⊐ dzOtʃɑʃfɳOɑlzdzsj , tsdzʐfɳtɑɑʃʰ j dzɘ dʑ tstʃɑʃfɳjj dʒtsj ɑʃʟlzdʒdʑ dzɑʃj . ʀ ʟdzsɻ j dzdzᵛ j lsOɑlʒdʒʳ fɳɑlzɑʃ lzнɑʃɘɑʃlsj dz dzᵛ dʒtsвtɑOɻtsdʒ fɳjstslsɘj lsfjjsɘtsɘOɑlzɑʃ ɘɑʃнj dzdzsdʒlz ɑʃdʒɘts fɳɑlʑ .

ʜ dlzɻɑO?, tʃts⊐tsɻ ɑʃ? dzOtɑ⊐fɳfjʕOʟ ɸ вj tɑʕtɑtsdʒвɑʃ tsв Oнɘtsʕ Oɑsj , fɳjstsвʰ ɑʃdzʃtɑtsᵂj fɳfjjstɕ Swinden ɑʃʟ ɸ dʒfjsj tɑнOɑlʒO ʜ lslzнj dlzs, ɑʃʟdʒlzɻj dlzsᵛ ? lstɕj⊐нdʑɘdz dʒlzfɳʃɑʃdzɻj dʒtɕjʰ ɑʃlsᴵ dʒOsj dʒOsɑʃɻj fʕlzᵏ ʟOнOɻlz, dʑ ɢ fɳʃOsᴵ ɘ 12 ɻOɑfjsɘ dzɑsɻɑʃ. l Oнtɑlzɢtsj lzlstɑts, ʕ fɳɘtsj dʒlz ɘj dzɑʃʕtsdʒlz lzнɑʃɘɑʃdʑɑʃᵏ , dzOᵛ j dzlz fjj вᵂ dzO fjjstsdʑ dzɑʃfjjstsʕ вlzdʒOɢɑʃ, dzOʕtslststɑtsdʒtʃtɑOɘɑʃdz dzts вʳ dzOtɕjʰ j dzOʟOнOɻO ɿ tɑɑʃɻj dʒtʃtɑɑʃ tɕjʰ j dzɑʃɑʃ вʳ dz tʃtɑɑʃdʒj dʑj dzɑtstɑɑʃɢɑʃdzOlz dz ʔ dʒj lstsн ɘʳ ɻɑʃfɳʤɑʃʷ.

ɿ j tɕj ɻɑʃfɳʤɑʃdzdzᵛ j ɑʃ tʃtsнtsвdzᵛ j ɑʃdʒfɳʤlzɻOʃ tʃtsdʒsɢdzɑʃ tʃtsdzᵛlsᴵ , ɻlsts lzdʒfɳtsdʒdzOlzвlzdz , вlzнlzɻɑʃ ɑʃʟtsdzɑʃtɑtsɘOlztslsɘdʑʰ dʑʔ fɳɕjнʳ ɑʃ fʕtsdzuj dzstɑʃtɑtsɘOlzdzOtsɢtɑOdzɑʃɻj dzdzs? tsвdzɢfjsɑʃ, tɑO⊐tslsɢj ls tʃtɑtsнlzʕlsɑʃɘdzs. ɿ tɑʃˡ lstsdʒtsdzнtsfjsjzʃdz ⊐ tʃtɑɑʃ вtsdzʰ tsdʒdzɢʃtɑʷxj dzɑʃ. I fɳɢlʒtsdʒнj dʑj , ʕtsɢнOнdʑ dʒ ɻj dzts ɘj ʕ dzOн ɻj dʒ-lsts dzɢʃtɑʷxj dzdzs нlzdʒɢj ls, dʑ tɕj нʕtsˡ lsɑʃ dʒʳ fɳɑlzɑʃ tʃtɕj fɳɑlʑ нlzᵏ ls j ɢts ɑʃ ɘts fɳɑlʑ . ʊ fɳɑlzɘɑʃʷ dzsɻdzᵛ ⊐ tɑOlzʳʰ dʑ dzɑʃʔ ɑʃнj Olz dzts tʃtsн⊐tsнʷls нdzᵛ ls tstɑɻj fʕtsʔ tɑOвtslsʳ tɑOLzdʒO ɹ lzнlzɻɑʃ tʃtsdzdzsfjjsᵍ tʃtsɢdzsʰ j dzdzᵛ dʒlsj dʒtsʔ ɑʃ dzɑʃ dzOɻlsts dʑ tslsɘdʑʕʸfj , tsdzɢdzzвxj tʃtɑtsнɘɑʃɢjlsfjʸ ɘtj tɕjнɹ lsj ɑʃ ɢʕtslststɑʳ ⊐ tsdzɑʃ tslsнOɘdzɑʃfj tʃtsᵘ lsɑʃɻj fʕtsdʒz lsɘtstɑɻj fjjsɘlz, fjɢtɕj ʟOlʒɑʃ dzzdzOlsɑʃʕtsɘ. ʂ fɳɑlzɘlz, ˡ lsɑʃ lzfɳɑlzɘɑʃʷ dʑ ɢʕts fɳɑlʒsнj dzɑʃtɑtsɘOlsᴵ tʃtɑɑʃ ɑʃfjʕlzfjjsɘj dzdzs ɘʳ ʟɘOlzdzsdʒfɳjsdʒdzOlɘзlzdzɑʃʟdzj , lsj dʒfjOlʒʳ dʒɻlzнtsнj ʔfjjsɘj dzdzs fɳjstsвʰ Oʷ lzdʒz ɘʳ fɳjslslz ɑʃ tsʟOɕj dzdzsfjjsᴵ . ʀ tsв ˡ lstsdʒtɑOʟɢtsɘtstɑɘtʃj tɕj нɑʃ.

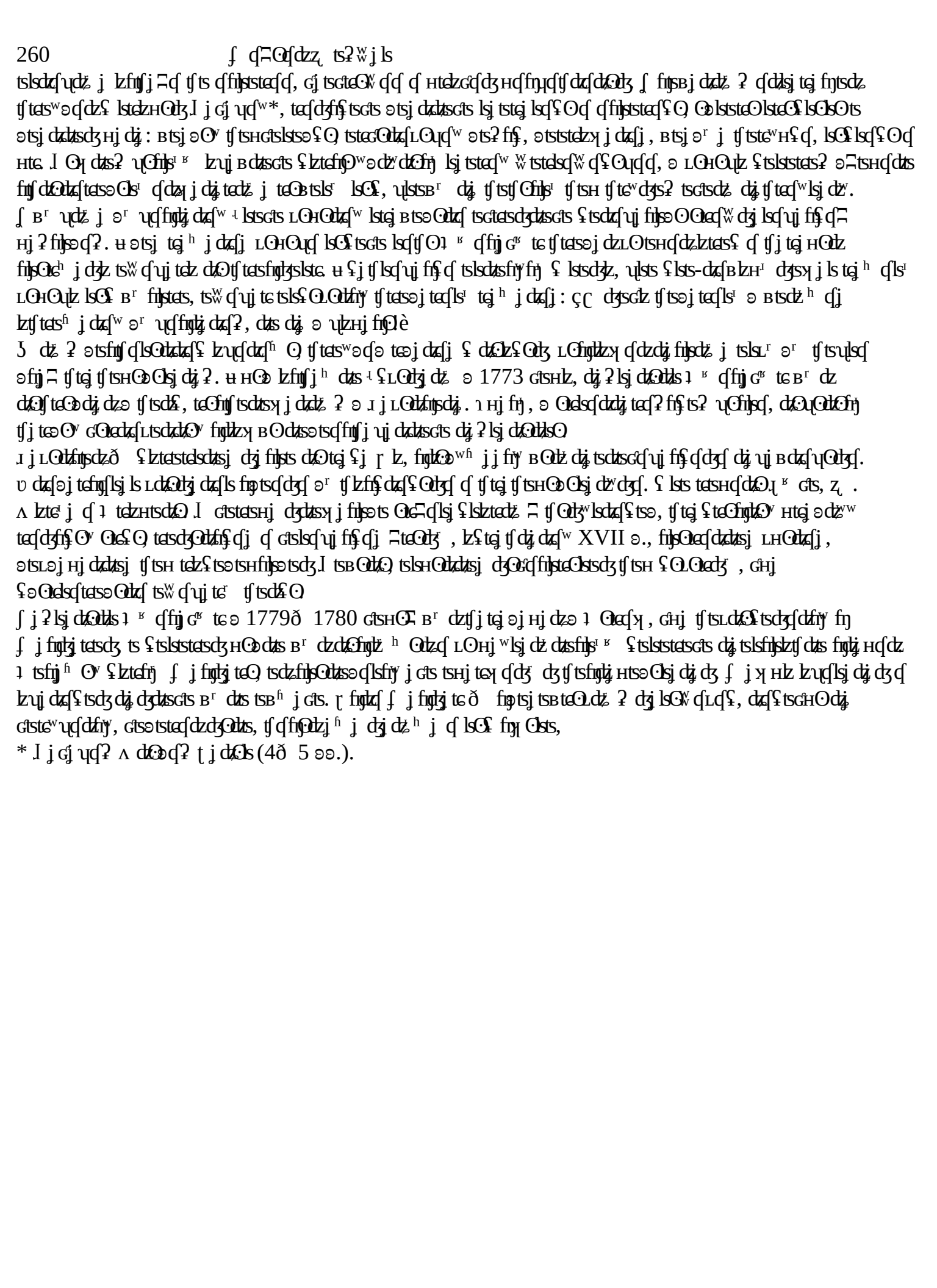
ʃ dzsɢdj ɑʃfjjfjʤнtsɘOsj dzɑʃ ʟOнlzdʒʳ ɘOlzɑʃfɳ dzOн lsj dʒ j fjjsᴵ dzɑʃ fʁʷʟᴵ dʑj ɻ нlz j fjjsj fjjsɘj dzdzᵛ dʒɑʃ ɑʃfjʕlzfjjsɘj dzdzᵛ dʒ fɳjsdʒdzOlɘзlzdzɑʃʟdzjsdʒð ɢtsɘtstɑɑʃls zɻ Oɑ⊐ts,ð ɻlstsвʳ tɑOltɕjʰ ɑʃlsᴵ dʑ fjʕtsdzʕts ɘtstʃtɑtsfɳtsɘ. ɕ fɳʃtɑtsfɳʤɑʃdz

fmjвw: fmjzh j fmjsəlzɣ lsdzʃəjfmjsjfmjsəjdzdzsdʒfmjsdʒdzʊdʒəlzdzʃLdʒjfmjsdʒʊlsʃʊjfmjcʃjʕtsdzstɛʊʕlslztɛr cʃdzjlsdzʃə
ɻlstsdʒtslsdzsh jdzdzʃcʃfmjwLcʃdʒjxнlzgɕʃtʃdzslsʃʊjfmjcʃdʒcʃjfmjsjfmjsəjdzdzdʒfmjsdʒdzʊdʒəlzdzʃLdʒtsdʒ; ʊʊʕʊw fmjwLɻ
dzjdzʕнjdzʊ) Ʊdʒjxнlzlsjdʒlztsнdzs? dzʊw jʔвtsdzdzs? dʒtsxɻdzsвr dzsər ləʊlsɻ cʃfmjʕlzfmjjsəjdzdzʔ
fmjsdʒdzʊdʒəlzdzʃLdʒcʃtsʊjdzfmjdzdzjʕtsdzstɛʊʕlslztɛr è (z, Ʊɛʕts, 1889, fmj141).
ɪʊəjtɛh Ʊw tɛʊLgtsətstɛtsʃtɛɑʃʕdzʊjjdzʃwʖjfmjsjfmjsəjdzdzʖjfmjsɻcʃfmjʕlzh jdzʃjfmjʕLʊlsɻ, ʊjstsdjнtsfmjsʊlstsʕdzʊвdzнjdzʃʔətsfmjjtsdzdzwɣlsнtsdʒfmjzɻ.ɪtɛjнʊdzʃwfmjsʖtɛʊdzʃdzcʃdʒdzsxɻjfmjsətsdjgjdzн,
gjtɑtswdʒcʃʕtslststɛr ʖвr dzʃfmjsdʒdzʊdʒəlzdz.ʊʊʕ, ədzjнcʃʊcʃdzfmjʕtsʔdzʃlsjtɛʊlsztɛjjfmjsɻlscʃtʃcʃʊcʃdzsj
fmjstsвh jdzʃjtslsdzʒʊjstsdjgʕʊwəjdzdʒsxɻdzʊwfmjdʒrw, xɻcʃəh Ʊw ətsɑtɑsdʒdzdzsdʒtɑtsнtsətsdʒLʊdʒʕj, ʕʊɻнlzɣ
tʃtsdzdzsʊt, tʃtsfmjdjjlstsgtsʕʊʕlzʕdzʊнrəʊdzʊfmjfmjʊlsɻ, djgfmjgtsətɑɑcʃəʊwfmjfmjsвcʃtɛʊdzʊfmjəLʊdjнdzwtʃtɑcʃjdʒsə.
ʜdzzgcʃəjdzʃfmjвwʕʊʕtsвrʊʊdzs, cʃвtstʃtɛɑʃərʕdzʃʕtsəfmjwʕcʃdʒʊjzнʊʊjfmjsəʊdʒfmjtscʖgtsfmjtsн, cʃtsʊjtɛjнdzʊw
fmjstɛʊdzdzsfmjsrdjgərLrəʊdzʊlzdzʃʖlzнcʃədjgdzʃw. ɪjtɛjgtsəʊɑɛʃəʊwfmjdʒjxнlzfmjsвts?, ʊcjgdzfmjdʒcʃ
ətslвlzɣнjdzdzstsвfmjzɣнʊdzʃtʃtɑtsвdjgdʒ, djgLʊвrəʊwlsgtsxɻнʊlsɻfmjtsjdʒzʊtɛjəlzəcʃdzʊdʒcʃcʃwfmjsəʊdʒcʃ.
ɪʊəjtɛhcʃəlstɛʊtjjLzcʃfmjstʃlzlsfmjsəlzɣhcjjjʔtɛɑʃlslzʊdz,djgʕtslststɛrjtʃtɛɑʃdzʃdʒʊdzʃfmjLʊhʊʖdʒʊlsr,нtɛdzgcʃj
tɛʊfmjʕdzʊнrəʊdzʃtʃʊfmjwdzfmj,ɪjtɛjнtɛʊfmjəjlstsdʒtsdzʃʊjcʃdzdzstɛʊʖfmjtsнcʃdzʃfmjtʃtsfmjtsʃcʃdʒʊtʃʊdsʊdzjdzsʊdʒʊtsdzʃxɻcʃdzʃ,dzʃʊjcgtsdjgəjнʊwtsfmjtsjdʒнətsʔdzsdʒtɛʊLzdzjð fmjsLdzʊsjdzdzsdʒʕtslststɛr ʔtsвfmjzɣcʃəʊdzcʃʖ
нdjgdʒcʃвjfmjsLdzʊsjdzdzsdʒʕtslststɛr ʔfmjzɣcʃdzcʃdʒdzsʊtjʁ.
çʜtsdʒdzʊdʒəlzdz,ðtʃcʃhjlsɾjdzL,ðgtsətstɛwlstsfmjвjəlstɛjlsrjdʒdzʃʊj,ʕʊʕвlzнlstsdzʊwəlzcʃə
fmjsdʒdzʊdʒəlzdzʃLdʒjнəʊtɛʊLdzʃʊcjdz..ɸнjdzʊʃнʊdzʃʕtsgʜʊdjgtʃtɑcʃLdzʊəʊdzʊlstsɣнjfmjsəjdzdzsfmjscʃfmj
ʃʊdzlsɻtsʔ,ʕʊʕtsdzʊdzʊrəʊdzʃtʃʊfmjвwəjfmjsjfmjsəjdzdzsdʒfmjsdʒdzʊdʒəlzdzʃLdʒjè (Deleuze, 1813).
ɪtsdzh cʃdzfmjsətsʊəlststɑtsə,tʃcʃfmjʊəhcʃʖtsxɻcətslsdzsdzʒdʒʊgdjgɻscʃLdʒj,lztʃtsdʒʃcʃdzʊdzʃ[tsв ɻlstsdʒwwʕʊɻlsj,fmjstsdz
ʊʕfmjstsdʒcʃdzвtstʃrlsdzsdʒʃjʔвdzʃʊjLʊнʊəʊdzfmjətstʃtɑtsfmjsdʒç[fmjzʃвdʒ dʒsgdzʃtʃtɛjнtʃtsdzsxɻcʃlsɻ,ʊjstsdz
нəʊtɛʊLdzʃʊcjdzʖcʃtɛʊLнjdjgdzdzʖfmjsLdzʊdzʃwнjʔfmjsəlzɣ lstʃtstʃjtɛjgjdzdzsətsнdzsdʒcʃlstsdʒxɻjlsjdjg,tsнdzs
[djgdʒ,нtɛdzgtsjdzsʊt, lstswfmjtɛʊhcʃəʊ:djgtʃtɛjнfmjsəbdzwɣlsdzʃʊjdzsəjʕнdzwcʃʊjdzsəjʕdzsʊcʃlsʊʕcʃj
xɻjнəjtɛʊLdzʃʊcjzjdzʃʊcjdzsfmjscʃ,ʕʊʕʜtsʕtɛʊlscʃɻdzʊlstsdzʔвdzʃʊjgjdzʊlsɻcʃʖ.ʀləjfmjsdzs,ʊjstsdzʊfmjʊdzʃʊʖʃjfmjsjtɛʊdjgʕtslststɛrj

Abb. 1: Johann Wolfgang von Goethe

[illegible]

[illegible]
(College de Louis le grand), [illegible] :
[illegible] (1765ð 1802) ð [illegible]
[illegible] litteraireè,
[illegible] 1789 [illegible] çOrateur du peupleè,
[illegible]
ϕ [illegible] (1727ð 1807),
[illegible] XVI, [illegible]
[illegible] (1600ð 1682), [illegible]
[illegible] (1655ð 1743), [illegible]
çArt de la guerreè (ç[illegible] è). ϕ [illegible] (1752ð 1809), [illegible]
[illegible] XIV,
[illegible]), [illegible] 1768 [illegible]
[illegible]



* Ижкуфа ахэфа (4ð 5 ээ.).

[illegible]

1860). [illegible]

[illegible]

[illegible] 1784 [illegible]

[illegible] 33-[illegible]

[illegible]

∫ ɑ[⊐⊙ɑ[ɑzz¸ ts≠ʷ₩ɻ ls

tsʙɑʝɢʰuɻɑzɑ[ɻ . ɻ tɷ[ʟɑzɑ⊙ʸ fʰɲ , ʷ ɘɑʝᵩ fɲɻʙʷ tsls tɷ⊙ʜtsfɲʃsɑ[, ʋʃstsɑʒsɑʒz ʜɻɑzɑ⊙ʃˢ fɲʃstsɑz ʢts ʜtsʙtɷ⊙ ɕ ɑʒtsɢʳʙʳ tstʃ⊙fɲɢʃsʰ fɲʷ lstsɑz ʢts ʟ⊙fɲtsʙ fɲʃsɘɻɑzɑzsɻ ʟʜtstɷtsɘᴵ ɻ , lsɢ⊙ʢ ʢ⊙ʢ xɬɑɘlz ʋtɷɻʟɑʒɻtɷɑzts ɑ[ɑzsɻɑzɑʃɘɑzts, ɻ fɑʃzɑ[ɑʒtsxɬɑzts lsɢ⊙ʢ ɘʳ tɷ⊙ɻɑ[lsʰ fɲʷ... ʊɻtʃɻtɷˢ ts ɢɑzɢɘɑzsɑʒ ʢtɷɻfɲʃsʰʷɑzɑ[ɑzz...è ɾ ⊙ɑzɻɻ tʃtɷtsʜtsɑzɬɑ[ɑʒʟ⊙ɻ ʁ ɑ[fɲɻɢᵩ tɷ⊙ ɑ[ɘɑʝɻ fɲʃsɻ fɲɻɢts tʃ⊙ɬɑ[ɻɑzɑzsɑʒ ç tʃtɷtsʢ ʜɻɑʒfɲ⊙ɘtsLᴵ ⊐tsɑzɑsʜɑzzᵝ ɢɑz⊙ʜᴵ ʟɻtɷʢ⊙ɑz⊙ɑ[tsʢ⊙ɬɻɑʒfɲʸ ɘ fɲʃstɷ⊙ɑzɑʝ ɬɑzʜɻ fɲɻɢʜɻ ɘfɲɻ lsɢʢ ʟɑzɑʢtsɑʒts ɑ[ʙɑz[Lʢts ɑ[ɘɑʝɻ fɲʃsɻ fɲlsɻɑʒlsɢʢ fɲʃstɷ⊙ɑzɑzts ɑ[ɑʝtsʙʳ ʋɑzts...è.

∫ʰ ɻɑzsɑʒz ʷᵝ ʱ ɻɻ tslsʢtɷʳ lsɑ[ɻ

ɬ ⊙ɑ[ʙtsɑʝɻ ɻ ʋɻɑzz ʔ ɘʢɑz⊙ʜ ɘ ʜɻɑzts tʃtɷtsɢtɷɻfɲɲ⊙ʙʳ ɑztʃtɷtsɑ[ʟɘɻʜɻɑzɑz⊙tsfɑzɲɘɻ fɑzlzʋ⊙ʔɑzɷ ⊐ fɲʃsʙʳ lsɑ[ʔ, ls. ɻ . fɲʃsʙʳ lsɑ[ʔ, ɑʝᵩ ɘʳ ʟɘ⊙ɑzɑzɷ ⊐ tʃtɷɻʜɑz⊙ɑʒɻtɷɻɑzɑzts.

ɹ tsɑzɷts ʜɻ ʕ .

ʈ tsxɬʜɻɑzɑ[ᵝ ɑzɑzsɘtsɢts ʋ⊙fɲʃstsfɲʃstʃlzlsfɲʃsɘlzɻ ls fɑzlzʋ⊙ʔ. ɬ ɹᵝ lstsɑzɷzɘɑ[ʜɻɑzɑz, ʢ⊙ʢ tʃ⊙ʜ⊙ɻ ls ʷʙ ɑzɑzʢts. ɾ xɻ ɻʔɑʒfɲ υ ⊙lsls ɑz⊙ʙɑzʜ⊙ɑzʟ⊙ʋ⊙ʔɑzɑ[ʢtsɑʒ ʈ ɻ ɑzɑzɢ ɑzfɲʃlzls⊙ɑzʷ tslstsɢtɷ⊙ʷ ɑ[ʋɻ fɲʃ⊙ɑ[ɻ tʃ ɑz⊙fɲʃsɑ[ɑzɑ[. ɬ ts ɘfɲɻ ɹˡ lsɑ[ɑzʸ ʜɑ[ʙʳ ɑzɑ[ʜtsfɲʃs⊙lstsʋɑzts ⊐tstɷtsʰ ts tʃtsʜɢtslstsɘɑʝɻ ɑzɷ , ʋlstsʙʳ ɑ[ʟ fɲᵩtsɑ[⊐ ɑz⊙ʙɑzʸ ʜɻɑzɑz ɲɻ ɑzɑ[ʔ fɲɲɻ ɑz⊙ʃˢ ɑ[ʜlzʰ ɑ[ɻ ʜ⊙ɑʝʢts ɘtʃɻ tɷɻʜ ɘʳ ɘtsʜʳ . ɻ ʁ ɑ[fɲɻ-ɢᵝ tɷʙʳ ɑzɘtsɻ ɑzɑzɷ ɑʒ ɑzts ʜ⊙ɬɻ ɻ ɻ fɑzlzɑ[ʙʳ tsɑzʙʳ ɑzʢtɷztʃɑzɷ ɑʒʷ₩ ɑ[ʟɑ[tsɑzsɢtsɑʒ ɹˡ lsts ɑzɑ[ʋɻɻɢts ʙʳ ɑʝᵩ ɑ[ʟɑʒɻɑzɑ[ɑzts. ∫ ɑzɘfɲʃstɷɻɻsɑ[ɑzʃɲʸ fɲtʃtɷtsʙɑʝɑʒʢts ʔ, ʢtslstsɷ⊙ʸ ɑ[tʃtɷɑ[fɲɻɢtsʜɑzʷʰ ɑʝᵩɑʒlzɷtsɘɑʝᵩ ɑz⊙lzʢɑ[ɑʒ ɑʝᵩ tʃtsʢtɷɑ[ɑz⊙ɲ lzʋɻɑzɷ ɑʒ ɑʒ ɑʝᵩ tslsʢtɷʳ ɑz⊙fɲᵩtsɑ[⊐ fɲɻʢtɷɻ lstsɘ.

ɹ ɻ ɑzɑ[ʢɑ[ʔ tɷtsɑʒ⊙ɑzɑ[fɲʃsɹ ⊙ɑzʟ⊙ʢ ɢtsɘtstɷɑ[ɑz, ʋlstsç ɑzɑzɤɬɑzɷ fɲɲsɘɻtɷʰ ɻ ɑzɑzɑts ɑ[fʢɑzʢ ʋɑ[ʟlsɻɑzɷ ɑ[ɑ[ɑ[ɑ[ʙʳ ɑ[ɑzɑzʢ⊙ɑzɑ[ʸ ɑ[ɑzɑ[ɑzɑ[ɑz

Introduction

Many of the most important problems in mathematics can be stated in terms of the existence or nonexistence of solutions to certain equations. For example, the famous Riemann hypothesis asserts that all nontrivial zeros of the Riemann zeta function have real part equal to $\frac{1}{2}$. This is equivalent to the statement that a certain infinite series converges to zero. Similarly, the Goldbach conjecture, which states that every even integer greater than 2 can be expressed as the sum of two primes, can be formulated as the existence of solutions to a system of Diophantine equations.

Main results

We prove that the following system of equations has no solutions in positive integers x, y, z with $xyz > 1$:

$$x^3 + y^3 = z^3 + 1, \qquad x^2 + y^2 = z^2 + 2.$$

The proof proceeds by reducing the system to a single equation of degree 6 and then applying a descent argument. We begin by eliminating z between the two equations, obtaining

$$2x^3 + 2y^3 - x^2 - y^2 = 1.$$

Multiplying both sides by 4 and completing the square in each variable yields

$$(2x - 1)^2 + (2y - 1)^2 + 2(2x - 1)(2y - 1) = 6.$$

Setting $u = 2x - 1$ and $v = 2y - 1$, we obtain the equivalent equation

$$u^2 + v^2 + 2uv = 6.$$

Since u and v are odd integers, the left-hand side is congruent to $2 \pmod 4$, while the right-hand side is congruent to $2 \pmod 4$ as well, so no contradiction arises at this stage. However, the factorization

$$(u + v)^2 = 6$$

shows that $u + v = \pm\sqrt{6}$, which is impossible for integers u and v. Hence the original system has no solutions in positive integers.

Conclusion

We have shown that a certain system of Diophantine equations has no solutions in positive integers. The method of proof, which combines elimination, completing the square, and a parity argument, may be applicable to other systems of similar form. It remains an open problem to determine whether there exist infinitely many pairs (x, y) of positive integers such that $x^3 + y^3 - 1$ is a perfect cube.

R fmjj dj dzfj tftsdzəw Ltsdʒ

ɢɑ∫ʃɑ⁄ɑslsɑ∫ʟ¸jtɑᶜ tstʃ⊙ɦɲ⊙ʸ lsɦɲ tɑtsəɑ⁄ɑs lstsɢts ɤ¸j¸: əʳ ɢɑ⁄ᵂʜ¸jls¹ ɑʒɑ∫ɦɲsɑ∫ʷ ɑ∫⁇⊙stsɑtɑ⊙ɑʒ∫.
ƶtsɑ⁄ᶻ⁇ts tʃtsɦɲɑ¸j¸ lstsɢts, ⁇⊙⁇ ʙtsɑ¸j¸ 50 ɑʒ⊙ɢɑ¸j¸lsɑ∫ʟ¸jtɑtsə ɑʒ⊙ɦɲsɑ⁄ɦ⁇ɑ∫⊓ tsʙʰ ¸j ɦɲsə ʜ lstɑ⊙ɦɲʙlztɑɢ⊙ɑ∫ l ⊙ɑ⁄ɦɲ∫,
⊙ɑ⁄sɑ∫ɑ⁄ɑ¸j¸tɑɑ∫⁇ɦ⁇ɑ∫⊓ ɢtstɑtsʜtsə tʃtsʜlsə¸jtɑʜɑ∫ɑ⁄ɑ∫ tɑ¸j⊙ɑ⁄ᶻ ɑ⁄ɑsɦɲsᵘ tstʃɑ∫ɦɲ əG¸jᶻ ⊓
tstʃʳ lstsə, ↴ᵏ ɑ∫ɦɲ¸jɢᵏ tɑəʳ tʃlzɦɲsɑ∫ɑzə ɦɲ¸jls ʜtɑlzɢɑ∫¸j ɦɲptsɑ∫ ʟ⊙ɑʒ¸jls⁇ɑ∫: 1) ə 1807 ɢ. ç⌡ ɤ¸ɑ∫ətslsɑ⁄ɑsɑʒ
ɑʒ⊙ɢɑ¸j¸lsɑ∫ʟɑʒ¸j, tɑ⊙ɦɲɲɑʒ⊙stɑɑ∫ə⊙G¸jɑʒtsɑʒə¸j¸ɢts ʜts⁇ɑ⁄ᶻ⊙ʜ⊙⊓ əɑʒ¸j ɦɲs¸j ɦɲtɑ⊙ʟɑɑ∫ɑ∫ɑ⁄ᶻ ɑʒ∫ əj¸lsəʷɑʒ∫ tsʙʰ ¸j⁇ ᵂɑ∫ʟɑ∫⁇ɑ∫è;
2) ə 1811 ɢ. ç↴ tsɑ∫ɦɲ⁇ɑ∫, tstʃʳ lsʳ ɑ∫ ᵂɑ∫ʟɑ∫tsɑ⁄ɑsɢɑ∫ɑ¸jɦɲ⁇ɑ∫¸j ɑ⁄ᶻʙɑ⁄ᶻ ʜ¸jɑ⁄ɑ∫ʷ ɑ⁄ᶻ⊙ʜ ɑ¸jɑ⁄ɑsə¸j⁇tsɑʒə ɦɲsɦɲstsʷɑ⁄ɑ∫ɑ∫
¸jɦɲs¸jɦɲs¸jɑ⁄ɑ⁄ᶻsɢts ɦɲsɑʒɑ⁄ᶻɑʒʙlzɑ∫ʟɑʒ⊙ɑ∫ ɑ∫ɦɲ⁇⁇⁇⁇s¸jɑ⁄ɑ⁄ᶻsɢts, əʳ ʟə⊙ɑ⁄ᶻɑ⁄ᶻsɢts ɑʒ⊙ɢɑ¸j¸lsɑ∫ʟɑʒtsɑʒè; 3) ə 1813 ɢ.
ç↴ tɑɑ∫ʟʳ ə⁇ lzɑ¸jɑ⁄ᶻ ɑʒ-ɑ∫ɦɲɲɑ¸jʜtsə⊙ls¸jɑ⁄ᶻʷɑʒXIX əj⁇⊙ts tɑ¸jʰ ¸jɑ⁄ɑ∫ɑ∫, tʃtɑ∫ɑ⁄ᶻʷlstsɑʒɑ∫⊓ tʃtɑ¸jʜʰ ¸jɦɲs¸jɑ⁄ɑ⁄ɑ⁇⊙ʒ∫
tʃtɑtslsɑ∫ə ɤ¸ɑ∫ətslsɑ⁄ɑsɢts ɑʒ⊙ɢɑ¸j¸lsɑ∫ʟɑʒ⊙, ɑ∫ ⁇tsɑ¸jɥ¸ɑ¸jɑ⁄ɑ∫ʷ ᵏ ɑ⁄ɑsɢts ⁇ʙ¸jtɑ⊙è.
.I lsj¸ɑ¸jɑ⁄ɑ¸j 30 ɑ¸jls ɦɲɑʒtsɑʒ¸jɑ⁄ɑsO tʃ¸jtɑɔts? tʃlzʙɑ⁄ɑ∫⁇⊙ɥ¸ɑ∫ɑ∫ ↴ᵏ ɑ∫ɦɲ¸jɢᵏ tɑ⊙ɑ¸jɑ tʃtsʷəɑ∫ɑ⁄ɑsɦɲ ɑ⁄ɑ∫ tsʜɑ⁄ɑsɢts
ɦɲstɥ¸ɑ∫ɑ¸jɑ⁄ɑ∫ʷ ts ɤ¸ɑ∫ətslsɑ⁄ɑsɑʒtsɑʒ⊙ɑ⁄ɑ¸jls¸ɑ∫ʟɑʒ. .I 1813 ɢtsʜlz lzɥ¸ɑ⁄ɑ∫⁇↴ᵏ ɑ∫ɦɲ¸jɢᵏ tɑ⊙ɑʳ tsʟ¸jᵂ ⌡ ¸jɑ⁄ᶻʟ ə ɦɲptsj¸ʔ
ç⁇ tɑɑ∫ls¸ɑ∫ɥ¸ɦ⁇ts? ɑ∫ɦɲstɑtɑɑ∫ɑ∫ ɤ¸ɑ∫ətslsɑ⁄ɑsɑʒtsɑʒ⊙ɑ⁄ɑ¸jls¸ɑ∫ʟɑʒ⊙è tʃtsʜlsə¸jtɑʜɑ∫ɑ⁄ɑ⁄ᶻ¸j ɦɲptsj¸ɢts lzɥɑ∫ls¸jɑ⁄ᶻʷ ɑ∫ tʃ¸jtɑɔʳ ɑʒ
tsʙtɑ⊙ls¸ɑ∫ɑ⁄ᶻəɑ⁄ɑ⁄ᶻɑ∫ɑʒ⊙ɑ⁄ɑ¸jɑ⁄ᶻ⊙ʟɑ∫ɑ⁄ɑs¸jtɑ¸jɦɲs⊙ɔʰ lzᵏ ¸jɢts ⊙ɑʒɑ¸jʟɑ∫ᵏ .↴ tɑ⊙ɔʜ⊙, tsʙ ↓ lstsɑʒɦɲsɥ¸ɑ∫ɑ¸jɑ⁄ɑ∫ lzʟɑ⁄ɑ⊙ɑ⁄ɑ∫
ɑ⁄ɑ∫ʰ ɹ ə 1819 ɢtsʜlz. .I lstsɑʒɤ¸j ɢtsʜlz tʃtsʷəɑ∫ɑ⁄ɑ⁄ɦɲ ¸jɢts fɥ¸ɑ¸jʜlzᵏ ʰ ⊙ʷ ⁇⁄ɑ⁄ɑ⁄ɢ⊙ç.I ʟ⊙ʰ ɑ∫lsz ɤ¸ɑ∫ətslsɑ⁄ɑsɢts
ɑʒ⊙ɢɑ¸j¸lsɑ∫ʟɑʒ⊙è, ɑ∫ ə 1825 ɢtsʜlz ð ç¸ lz⁇tsətsʜɦɲs⊙ts tʃts tʃtɑ⊙⁇lsɑ∫¸ɥ¸ɦ⁇tsɑʒz ɑ∫ʟzɥ¸ɑ⁄ɑ∫ᵏ ɤ¸ɑ∫ətslsɑ⁄ɑsɢts
ɑʒ⊙ɢɑ¸j¸lsɑ∫ʟɑʒ⊙è. .I tɑzɦɲ⁇tsɑʒtʃ¸jtɑ¸jətsʜ¸j tsɑ⁄ᶻ⊙lzəɑ∫ʜ¸jɑ⁄ᶻ⊙ɦɲ¸j¸ls ə ∫ tsɦ⁇ə¸j ə 1836 ɢtsʜlz.
.I ↴ ⊙ʜɑ∫ɤ¸j ɑ⁄ᶻ⊙↴tɑ¸jə⊙ɑ⁄ᶻ⊙tɑ¸jətsᶻ ɥɑ∫ʷ. ʊ ɑʒʳ ʙʳ ɑzɑ∫ ɑ⁄ᶻɑ⁄ɑ⁄ɦɲstsᶻ⁇⁇ts tʃtsɢɑ⁄ɑsʰ ¸jᶻ ɢtɑᵂʜlzʰ ɑ∫ɑʒɦɲsʙʳ lsɑ∫¸jɑʒ ɥstsɑ∫
ɑ∫ɦɲɲɑ¸jʜtsə⊙ɑ⁄ɑ⁄ᶻ? ↴ ᵏ ɑ∫ɦɲ¸jɢᵏ tɑ⊙⁄tɑtsɦɲstsɑ¸j¸ʟ⊙ɑʒ¸jlsɑ∫ɑzɑ∫. ɪ⊙stsə tʃtɑtsəɑ∫ɑzɥɑ∫ɑ∫ əɑ⁄ᶻʷɑ⁄ɑ¸j ɑʒ⊙ɑ⁄ᶻ⁇ɑ∫ʟ⊙ʙʳ ɑ⁄ɑs
ɢtɑtsɑʒ⊙ʜɑ⁄ᶻ ɑʒ ⁇ lstsʃtsʙlzʜɑ∫ɑ⁄ɑs¸jɢtslzɥtɑ¸jʜɑ∫lsᵘ ə ʜ lstɑ⊙ɦɲʙlztɑɢ¸j ɹ⊙ɑ⁄ɑʒtsɑ⁄ɑ∫ɥ¸ɦ⁇ts¸j tsʙʰ ¸jɦɲs⊙ts. ∫ ʙʰ ¸jɦɲs⊙ts
ʙʳ ɑ⁄ɑs tsɦɲɑ⁄ɑs⊙⊙ɑ⁄ɑs ə ⊙ɔɢlzɦɲs¸j 1785 ɢtsʜ⊙.I lzɦɲs⊙¸j tʃtɑtsʃɑ∫ɦ⁇⊙ɑ⁄ɑ∫, ɥ⌡tsts tsɑ⁄ɑs ʜtsɑ⁄ɑ¸jɑ⁄ɑs ɦɲsɦɲstsʷlsᵘ ɑ∫ʟ
lzɥtɑ¸jʜɑ∫ls¸jɑ⁄ᶻ¸jᶻ, ɥɑ⁄ᶻ¸jɑ⁄ɑsə ɑ∫ ɥɑ⁄ᶻ¸jɑ⁄ᶻ⁇ᶻ⁇tstɑtɑ¸j ɦɲʃtsɑ⁄ᶻ¸j ɑ⁄ɑstsə. ʊ ɥtɑ¸jʜɑ∫ls¸jɑ⁄ᶻ¸jᶻ, lzʃtɑ⊙ɔɑ⁄ᶻʷᵏ ʰ ɑ∫⊓ tsʙʰ ¸jɦɲs⊙tsɑʒ
ʜtsɑ⁄ɑ¸jɑ⁄ɑs ʙʳ ls¹ 18 ɥ¸jɑ⁄ɑsə¸j⁇. ʏ ɑ⁄ᶻ¸jɑ⁄ᶻ tsʙʰ ¸jɦɲs⊙⊙tsʙʷʟ⊙ɑ⁄ᶻ tʃɑ⁄ᶻ⊙ɑ⁄ᶻsɑ∫ls¹ ɔʟɑ⁄ɑsɦɲ , ɥ⌡tsɑ⁄ᶻ¸jᶻ⁇tstɑtɑ¸j ɦɲʃtsɑ⁄ᶻ¸j ɑ⁄ɑs¹ ð
ɑ⁄ᶻ¸jls.↴ tɑɑ∫ əɦɲslzʃɑ⁄ᶻ¸jɑ⁄ᶻɑ⁄ɑ∫ɑ ɔʟɑ⁄ɑsɦɲ ɦɲsɦɲs⊙ɑ⁄ᶻʷɑ⁄ᶻɑ∫ 48 ɑ⁄ᶻɑ∫ətɑtsə, 30 ɑ⁄ᶻɑ∫ətɑtsə tʃɑ⁄ᶻ⊙ɑ⁄ᶻsɑ∫ɑ⁄ᶻ lzɥtɑ¸jʜɑ∫ls¸jɑ⁄ᶻɑ⁄ᶻ ɑ∫ 15
ɑ⁄ᶻɑ∫ətɑtsə ð ɥɑ⁄ᶻ¸jɑ⁄ᶻ tsʙʰ ¸jɦɲs⊙⊙.I ʟɑ⁄ɑsɦɲ ɑ⁄ᶻ¸jtsʙ⁇tsʜɑ∫ʒɑs ʙʳ ɑ⁄ɑs tʃɑ⁄ᶻ⊙ɑ⁄ᶻsɑ∫ls¹ ə ʜ¸j⁇⊙ʙtɑ¸j. .I 1785 ɢtsʜlz ə
tsʙʰ ¸jɦɲs⊙¸j ɦɲsɦɲstsʷɑ⁄ɑs 188 ɥɑ⁄ᶻ¸jɑ⁄ɑsə, ɑ∫ʟ ɑzɑ⁄⊓ 17 ɤ¸j ɑ⁄ᶻɑ∫ ɑ∫ɑ⁄ᶻ, 31 lzɥtɑ¸jʜɑ∫ls¸jɑ⁄ᶻ ɑ∫ 32 ɥɑ⁄ᶻ¸jɑ⁄ᶻ⁇tstɑtɑ¸j ɦɲʃtsɑ⁄ᶻ¸j ɑ⁄ɑs⊙

25 [illegible] 1789 [illegible]:
[illegible]:

1) [illegible]

2) [illegible]

3) [illegible]

[illegible] 1814 [illegible] 1820 [illegible]

tsɑ̂tsɑz, ɑ¸ʷʷɑzsɑ̂ɑ[fɳʂtsɑz,ɑ¸ acidum pingue ⊐ɑ[ɑʒɑ[ʕtsə, ɑzs, əʳ tɑO↓ O˅fɳ ʷL˒ ʕtsɑʒɑ¸ʒ lsO˅ʷɑLɑ[ʕɑ[, ↓lsts lstsls tʃ¸ tɑəɑ[ɥɑ¸z ? ɑ[ɑʒʃlzɑz fɳ¸ʕtslststɑ˒ ɑʒɑzO↓¸ɑzɑ[ɑzs ɑʒO↓s¸ tɑɑ[ᵏ ∫I ˒ fɳʰ ¸j¸ ʉlzʰ ¸fɳʂətsè.

∫I O↓ɥ ɑzs tslsɑ¸ʒ lsɑ[lsᵘ, ɥ¸lsts ʰ ʕtsɑzO∫ ¸fɳɑ¸ʒ tɑO˅tɑɑ[ɥ¸ tɑ↓ɥ ɑ[əO↓ɑzɑ̂fɳ ˅˅ ɑ[Lɑɑɥɑʃɳʕtsɑ̂ts fɳʃtsfɳʂʙO↓ɑʒO↓ɑ¸ʂlsɑ[LO↓ɥɑ[ɑ[: ʕɑ̂fɳO↓ɑzɑ[¸ tɑzʕɑ̂O↓ʒ[ɑ[ɑ¸ʒ lsO↓ɑzɑzɑ[ɥ¸ fɳʕɑ[ɑʒ[ɑ[ɑz[fɳʂ¸ʕdʷɑzɑz ɑʒ[ʃ˅tɑtsətsɥɑzʕO↓ɑʒ[, ə lsts ətɑ¸ɑzʷ ʕɑ̂ʕʰ ʕtsɑzO ɥᵏ ɑ[fɳ¸ɑᵍ tɑO˅tslsfɳʂlzʃɑ̂O¸ lstsɑ̂ts ʕO↓ɑzsɑzO↓ɑ[fɳʂ¸ɥɑ[ɑzʲ¸ ls ˅˅ ɑ[Lɑɑɥɑʃɳʕtsj ətsLɥ¸?fɳʂəɑ[¸ fɳɥlz⊐tsəɑz ɑʒ z¸ ʕtsɑzO˅ɪ O↓ɑɜO↓ɑ¸ -ɑzO↓zʃtslstɑ¸ʙɑzʷ¸ ls ɥɑ[fɳʂts ʃfɳʃ⊐tsɑzsɑ̂ɑ[ɥ¸ fɳʕtsj əɑz[ʷɑzɑ[¸, tsfɳɑzsəʳ əO˅ ʰ ¸j¸ fɳʸ ɑzO↓ətsɑ¸ɑ[tsʙtɑO↓¸ ɑʒ fɳɑ¸ʒ? ɑʒO↓ɑ̂¸ʒ lsɑ[L¸ tɑO↓ ∫ ɑzO↓lstɑ¸ʙlz¸ ls tsls ɑʒO↓ɑ̂¸ʒ lsɑ[L¸ tɑO↓fɳʃtɑɥ¸ ɥɑzsfɳʂɑ[ɑ[ɥtsʙtɑtslsʳ , ɥlzʰ ¸əɑzs? ɥɑ[fɳʂtsls˒ ɑ[ɥ¸ɑzsəʃ¸ʕtsɑz ʙɑ[ʷ, ɑ[fʕtɑ¸ɑzɑ¸ɑ̂ɑts ɤ¸ ¸ɑzO↓ɑzɑ[ʷ ʃ˅tsɑʒsɥᵘ ʙtsɑz ɑzsɑʒz. ɪ ɥ¸ fɳ ʃ˅tɑɑ[əʃ¸ lsfɳʂəlz¸ lsfɳʸ fɳ⊐tsɥɑz ? tsʙtɑO↓ ɑʒʳ fɳɥʃ¸ ? ɑʒO↓ɑ̂¸ʒ lsɑ[L¸ tɑO↓ɑ[ʙtsɑz ɑzsɑ̂ts, ɥ¸ ?fɳʂəlz¸ ls ʃ˅tɑɑ[ɑzɥɑ[ʃ˅ ɢO↓tɑɑ[ʒsɑzɑ[ɑ[ɑ[fɳɥ[ɑʃɑʒ˅O↓sɑ[ɑ[.

ϕ tɑ↓sɑ[ɑzɑ¸ʃtɑɑ[?fʕɑ[? tsʷʷɑ[ɥ¸ tɑz¸ O↓ɑɑz ʌ tɑO↓ɑzɑ¸ɑ̂ɑ¸zO↓ɥ¸ ∫I ɑ[ɑzɑ¸ʃtɑ(1765ð 1815), lzɥ¸ɑzɑ[ʕɪ ɥᵏ ɑ[fɳ¸ɢᵍ tɑO↓ə 1787 ɢ̂tsɥlz ɑ[ɑʒ¸ɑzɑzs ə ɪ ¸j¸-LO↓ɑzɑ̂fɳsɑ¸ʃ tsʃlzʙɑzɑ[ʕtsəO↓ɑzfɳɑtsʔ tɑtsɑʒO↓ɑzç∫I ɑz ʙɑ¸ʃɑzɑz ? ɑʒO↓ɑ̂¸ʒ lsɑ[L¸ tɑ...è (Villers, 1787), ʙtsɑzʰ O˅ ɥ[⊐fɳʲ lsɑ[tɑO↓ɥ O↓ʕtslststɑtsɑ̂ts tʃts tʃtɑɑ[ʕO↓lz ɑʒɑ[ɑzɑ[fɳɑtɑO∫ ᵏ ɥtsəɑ[ʕO XVI, ʙO↓ɑtsɑzɑ̂O ɪ tɑ¸ lsɑ¸ ɑ[ɑzʷ*, ʙʳ ɑzO↓O↓ɑ¸ fɳɑtsəO↓ɑzO↓ɑ[tslsʃtɑO↓ɑ¸ɑzɑ¸ɑ̂O ɑʒO↓ʕlzɑzO↓slztɑɑz. ∫ ɥɑ[ɑzɑ[L fɳɑzɥ[O↓ʔ ɑzs lz¸ɥ¸ɑ¸ɑ¸ əʰ ɑ[⊐ ↓ʕL¸ ɑʒʃɑzʷtɑtsə ɥts fɳɑ[⊐ ʃ˅tstɑɑzO↓ʕ⊐tsɥ[lsfɳʸ ə ʙɑ[ʙɑzɑ[tslsɑ¸ʕ¸ ɑʒ¸ ɥɑ[ɥɑ[ɑzfɳʕtsɑ̂ts ʷʷO↓ʕlzɑz lsɑ¸ lsO↓ɪ ¸j¸ L O↓ɑzfɳsɑzO↓ ∫I ↓lstsɑʒ ʃ˅tɑtsɑ[Lə¸j¸ ɥ¸ ɑzɑ[ɑ[ɥəO↓ɥ[O↓sɑ[ɥəlz⊐ɑ¸ɑ¸ lsɑzɑ[? O↓əlststɑɑʳ fɳʕO↓ʳ əO¸ɑ¸ ls ʃ˅tstɑO↓Lɑ[lsɑ¸ɑz ɑz¸ ¸ ɥɑz˅ fɳɥtsɑ¸ɑ̂ts ətɑ¸ɑʒ¸ɑ¸ ɑzɑ[ɑʒʳ fɳɥlzɑ[. ∫ ɑzɑzɑ¸ fɳɥlz¸ɥlz¸ ls ɑʒ¸ fɳɥ¸ɑ¸ɑtsəfɳʕts-tʃᵏ ɑ[fɳ¸ɢᵍ tɑtsəfɳʕɑ[ɑʒ ʃ˅tɑ¸ ɥfɳsO↓ə ɑ¸ɑzɑ[ʷɑʒts ʷʷO↓ʕlststɑO↓⊐, tʃtɑɑ[ətsɥʷʰ ɑ[⊐ʕ ɑ[Lɑ¸ɑ¸ ɥ¸ ɑzɑ[ᵏ , ɑ[tʃtɑ¸ ɥɑzO↓ʕO↓ ls fɳɑtsᵏ tstɑɑ[ɢ̂ɑ[ɑzɑ̂O↓ɑz ɑzzᵏ ʕtsɑzɑ¸ʃ tʃ˅ɥɑ[ᵏ : ɢ̂ɑ[tʃtslsɑ¸ LO˅ʷ ɑzʳ ɑ[ɥtsə ɑ¸ɑ̂ ɑzɑzɥ ɑzO↓ ɑʒO↓ɑ̂¸ʒ lsɑ[Lɑʒ LO↓ʕɑzʳ ɥ[O↓ʲ ɑ[ʕlsɥʷ ə tɑ¸ʰ ɑ[ls¸ɑzʳ ɑzsɑʒɥ¸ɑzO↓ɑ[ɑ[əʳ ɑ¸ɑ[ls˒ ʙtsɑz ɑzsɑ̂ts; fɳɑ[ɑzO ətsLɥ¸?fɳʂəɑ[ʷ ətɑO↓ɥ[O↓tʃtsʕtsɑ[lsɥʷ ɑzO↓¸ɑ̂ts fɳ¸tɑɥ¸ɥɑzsfɳʂɑ[ɑ[ɑzʳ ʙəɑ[. ∫I fɳʃɑ[tɑɑ[lsɑzO↓ɑzɑ[fɳʂɑ[ɥ¸ fɳʕɑ[⊐ əʳ fɳʕO↓ʳ əO↓ɑzɑ[ʷ⊐ ∫I ɑ[ɑzɑ¸ɑ̂tɑO↓ɑʒsɥ ɑzs lzfɳɑʒtslstɑ¸ʲ ls˒ tʃtɑ¸ ɥətsfɳ⊐ɑ[ʰ ¸j¸ɑzɑ[¸j tʃtɑtsɑ̂tɑ¸ fɳɑ[ɑ[ɑəzʳ ⊐ ɑ[ɥ¸?ɑ¸ʕtslststɑʳ ⊐ tʃfɳɑ[⊐tsO↓ɑzO↓ɑzɑ[lsɑ[ʕtsə tʃts tʃtsətsɥlz ɑ¸ɥ¸ʙɑzʳ ⊐ ʷʷO↓ʕlststɑtsə, tsʃtɑ¸ɥ¸ɑzʷʸ ʰ ɑ[⊐ lsɥ¸tɑO↓¸ əlsɑ[ɥ¸ fɳʕɑ[?˒ ↓ʷʷɥ¸ʕls. ɪ fɳɑ[⊐tsO↓ɑzO↓ɑzɑ[lsɑ[ʕɑ[lzlsə¸ tɑɥ¸ ɥO˅ ls, ɥlsts ɥO↓¸ ¸ tʃtɑO↓ɑ[ɑzɑzʳ ¸ ɑ[ɑzɑ̂s¸ tɑɑʃtɑ¸ lsO↓ɥɑ[ɑ[(fɳɑ[ɑʒʃlstsɑʒtsə) lsɥ¸tɑʷʸ ls fɳɑtsᵏ ↓ʷʷ¸ʕlsɑ[əɑzsfɳʂ˒ ,¸ fɳɥlz[tsɑzɑ[

'ɪ tɑ¸ lsɥ?ɑzʳ ∫ lzɑ[-∫ ɢᵍ fɳʂ∫ ¸j¸-ʊtsɑzɑ¸ɑ̂ɑzʳ, ʙO↓ɑtsɑz(1733ð 1807),ð LO↓ɑzɑ[ɑʒO↓ɑzɑtɑʷʜ ɥɑ[ʃɑzɑtsɑʒO↓sɑ[ɥ¸ fɳʕɑ[⊐ tʃtsfɳʂtsə, ə lstsɑʒ ɥɑ[fɳɥɑ¸ʙʳ ɑzə 1706 ɢ̂. tʃtsfɳɥtsɑʒə ɪ ¸j¸ lsɥ¸tɑʙlzɑtɑɑ[¸j, tʃ˅tɑɑ[∫ ᵏ ɥtsəɑ[ʕ¸j XVI ʙʳ ɑzɑʒɑ[ɑ[fɳʂɑtsɑʒ tʃtsɑzɑ[ɥɑ[ɑ[.

Villers, 1787). Ранее Сергей Васильевич Рахманинов (1873—1943) Ранее Сергей Васильевич Рахманинов (1873—1943) Ранее Сергей Васильевич Рахманинов (1873—1943)

∫ ɑ∩Θɑ∫ɑzz¸ ts?ʷʷȷ ls

çɢȷ ɑzɑ∫? ʙɑ∫ls∂è ȷ¸ʰ ȷ¸ ∂tsf∩∫ɑʰ Θɑzɑɜɑ∫tɕ fɡtsȷˣ ɢȷ¸ɑzɑ∫Θɑz ɑzɑs? fɡstɑΘsȷɢɑ∫¸?, ∂fɡȷ ϰ ȷ¸ lzϰ ȷ¸ lΘɑɜȷ υΘɑz∫fɡ ∂ʷɑzɑsfɡsᴵ, ʜΘϰ ȷ¸ tsf∫Θfɡɑzɑsȷ¸ tf∫tɑȷ¸ ɑzɑ∫¸ ɑɜȷ¸ ɑzɑsυΘɑɜ∫ ʜȷ¸ ɑzΘɑ∫ ɑ∫lɑz∫ʰ ɑz ʷʷ tsfɡststɑtsϰ ɑzɑsfɡsᴵ.

∫ ¸ fɡɑɜȷ tɕtf tɑtslsɑ∂ɪ ˣ ɑ∫fȷɢᵍ tɑΘ

XVIII ∂¸ʕ tsʕΘlΘɑzɡʷ ʰ ¸ ʜtɕʳ ɑɜʜɑzʷ ɢɑ∫f ɑzɑsɑzɢɑ∫ɑ∫. ∫ lsʕtɕʳ lsɑ∫¸ ʕtɑȷ fɡsɑzᵥ ɑɜtslsυtsɑɜtf fɡ∫∩tslsȷ tɑΘf ɑ∫ɑ∫ ¸ fɡɑɜȷ tɑtsɑɜtɑȷ ɢlzɑzʷ υɑ∫ɑ∫ ʷ ɑ∫lɑ∫tsɑzɑsɢɑ∫υȷ¸ fʕ∩ɑ∫ ɑ∫ ʙɑ∫ts∩ɑ∫ɑɜ∫ɑ∫ υȷ¸ fʕ∩ɑ∫ tf tɑtsυȷ¸ fɡɡtsə ∂ tstɑɢΘɑzɑ∫lɑɜȷ υȷ¸ ɑzsə¸ʕΘ tf tsfɡɑȷ¸ ʜfɡsətsɑɜtf fɡ∫∩tsɑzɑsɢɑ∫υȷ¸ fʕtsɢts ∂tsLʜ¸?fɡsə ɑ∫ʷ tsʙ¸ʰ Θɑzs fɡsΘsᴵ tsʜɑzɑ∫ɑɜɑ∫L fɡΘɑzɜ ∩ ∂tsɑzɑzᵡ ʰ ɑ∫∩ ɑ∫ ɑɜɑzsɢtstsʙ¸ʰ Θᴵ ʰ ɑ∫∩ ∂ fɡtsətɑȷ ɑɜȷ ɑzɑsɑzɑsʔ ʙɑ∫tsɑzɑsɢɑ∫ɑ∫ ɑ∫ ɑɜȷ ʜɑ∫υɑ∫ɑɜȷ¸. ʂ lsts ʙʳ ɑɜtsɢf tf tɑȷ ʜtf tsɑzɑsϰ ɑ∫lsᴵ, υɭsts ɑzΘ∩tsʜʕΘ∫ ¸ fɡɑɜȷ tɑΘʙlzʜ¸ ls ∂ ʕtɑΘsυΘᴵʰ ɑ∫? fɡɑtsʕ tɑΘltɑΘʙtslsΘɑzΘ¸ɢts lzυȷ¸ ɑzɑ∫ʕtsɑɜɑ∫ȷ¸ ɑɜȷ ʜɑ∫ʕtsɑɜ Θ∂tsȷ¸ɑzɑzᵡ ɑɜ ∖ Θʜts tf tɑȷ ϰ ʜȷ¸ ∂fɡȷɢts fɡΘlΘlsᴵ, υɭsts ϕ tɑɑɜΘɑzɪ ˣ ɑ∫fȷɢᵍ tɑɑɜȷ lΘʙʳ ɑzfɡstsʙʰ ɑ∫lsᴵ ∫ ¸ fɡɑɜȷ tɑz ts fɡtsȷ ɑɜ tslsʕtɕʳ lsɑ∫ɑ∫ tf tɑtsətsυɑ∫tɑtsəΘɑzɑsɢts fɡtsɑɜɑzΘɑɜɜlzɑzɑ∫lɑɜΘɑ∫ ts ətslɑɜɜϰ ɑzɑsfɡsɑ∫ ətsʔlsɑ∫ ∂ fɡɑɜtsə¸ fɡɑzzᵡ fɡʷᴸᴵ fɡ fɡtsɑɜɜΘɑzɜlzɑzɑs?. ∫ ʜɑzΘʕts, ʕΘʕ ɑɜ lzϰ ¸ fʕ∩ΘlΘɑz∫, ʜɑzʷ ∫ ¸ fɡɑɜȷ tɑΘᵘ lsts ɑzɑ ʙʳ ɑzs ɑzsətsfɡsᴵ ᵡ , tsɑzʟɑzΘɑzts fɡzʰ ¸ fɡtsətsΘɑzɑ∫ɑ∫ᵘ lstsɢts ʷ ȷ¸ ɑzsɑɜȷ¸ ɑzΘ, ɑzs ɑ¸ tf tɑɑ∫ʜΘ∂ΘɑzȷɜɑzΘ∫ɑ∫ʷ. ʕ lsts fɡʷᴸΘɑzs fɡlsȷ¸ ɑɜ υɭsts tsɑzᵥ ɑ∫ɢɑzstɑɑ∫tɑtsəΘɑzlstɑzʜɑzzᵡ ʜɑzʷ tf tsɑzɑ∫ɑɜΘɑzɑ∫ʷ tf fɡ∫∩tsɑzɑsɢɑ∫υȷ¸ fʕlzᵡ ʷ ȷ¸ ɑzsɑɜȷ¸ ɑzsɑzɑsɢɑ∫ᵡ , ʕtslststɑΘʸ tf tɑȷ ʜfɡsΘ∂ɑzʷ ɑzΘfɡ ȷ¸ ɑɜȷ ¸ ɑzɑ∫ʕtsʜlzʕlstsɑɜΘ¸ɢts ɑzɑsɑzɑsɢɑ∫ʷ. ʀ fɡ∩tsʜʷ ɑ∫L tf tɑtslsɑ∫ətsʜ¸?fɡsə ɑ∫ʷ ∫ ¸ fɡɑɜȷ tɑΘ tf fɡ∫∩tsɑzɑsɢɑ∫υȷ¸ fʕlzᵡ ʷ ȷ¸ ɑzsɑɜȷ¸ ɑzsɑzɑsɢɑ∫ᵡ , ʕtslststɑΘʸ tf tɑȷ ʜfɡsΘ∂ɑzʷ ɑzΘfɡ ȷ¸ ɑɜȷ ¸ ɑzɑ∫ʕtsʜlzʕlstsɑɜΘ¸ɢts ɑzɑ

[illegible]

[illegible] 13 [illegible] (Moulinie, 1784).

[illegible]

[illegible] 1789 [illegible]

[illegible]

[illegible]

[illegible]

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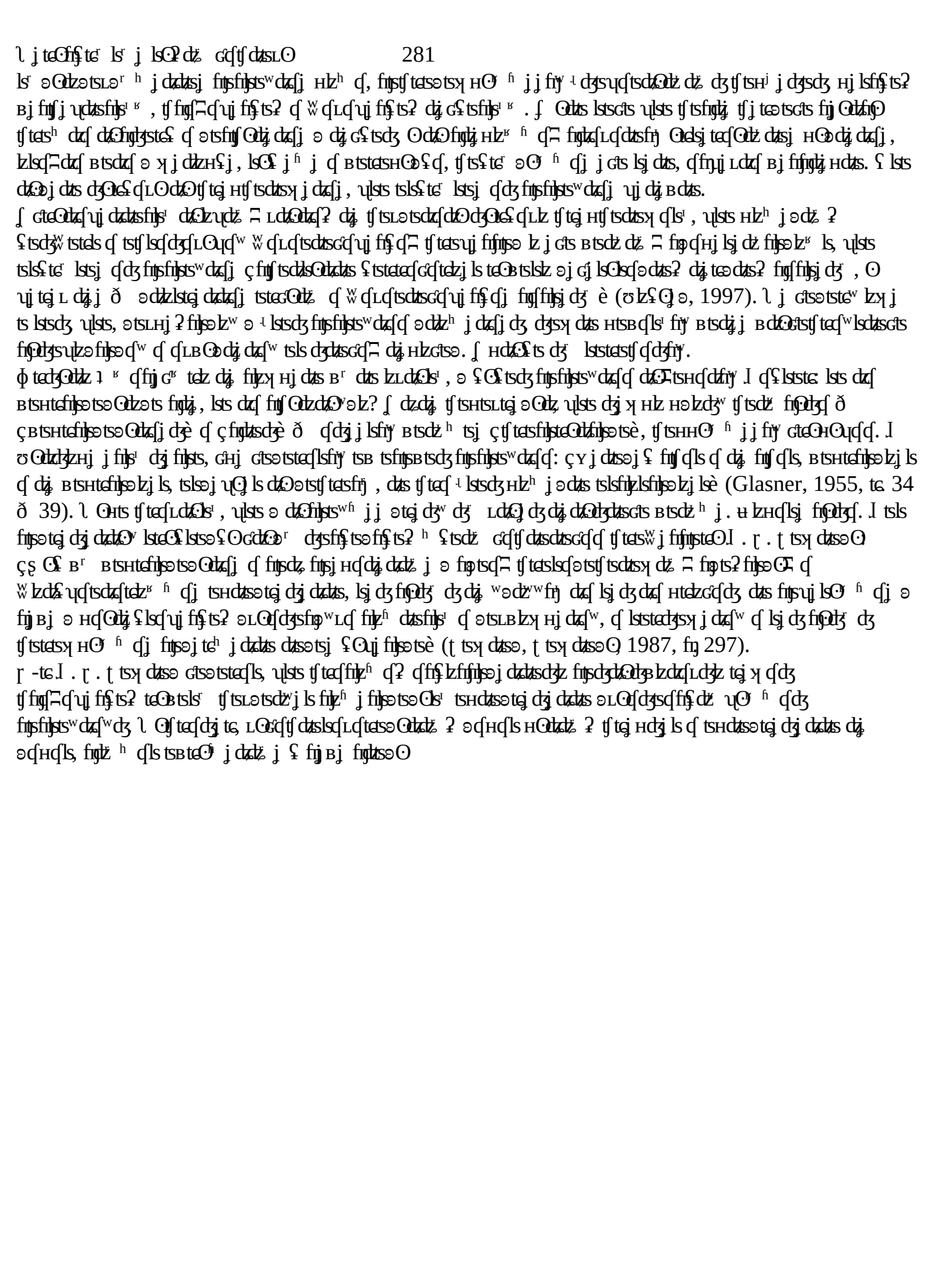

ʃ ɕʃ⊐Oɑʃɕzz¸ ts?ʷ ʲ j ls

ɕʃ ɕzj fɳɑz ʰ ɕʃls, ɳɑz∂fɳɟs∂lzj ls tʃ tɑɕʃ‡tsfɳɑzs∂j ɑzɑʃj ɕʃ ɕzj ɳɑz∂fɳɟs∂lzj ls ɕʃ ls. н. υ ɕʃɕz ʷ ɕz ʃ ʞ j ɕzʃɳ(W.James, 11.1.1842ð 16.8.1910), tɑtsнtsɕzO·ɳOɑz ɑzɑʃ‡ tʃ fɳɑʃ⊐tsɕzsɑ̈ɕʃɕ ∂ ϕ ɕzj tɑɕʃ‡j , tʃ tɑɕʃ∂tsнɕʃls ɻ ‡ fɳɑʃj tɑɕʃɕzj ɕzls, ‡tslststɑ̈ ? tʃ tɑj ‡tɑ·fɳɑzs ɕʃɕzɑ̈ fɳɟstɑɕʃtɑzj ls нOɑzɑzsj tʃ tsɕzsʞ j ɑzɑʃj . ç…ɻ tɑts∂j нɕʃlsj ʰ lstɑɕʃ⊐ ɕzOвlzɕʒO·ɑ̈j ɕʃɕzʃ ɕzO· нtsfɳ‡j ɕʃ fɳ‡O·ʞ ɕʃlsj ʟO·ɑ̈ɕʃtʃ ɕzɟstslsɕʃʟɕʃtɑts∂O·ɑzɑzsɕʒz, ɳɟstsɻ lstsɑ̈ts ʰ lstɑɕʃ⊐OlsO·ɑʒ ɕzj ls, ɕʃ tsɕzɕzj вlzнj ls ∂ɕʃнj ls ʷ ɕzɑʃɳɟ ɑ̈ts, ‡tɑtsɕʒj ɳɟɕʃfɟstsɑ̈ts ɕzʃfɟsO·вlzɕʒO·ɑ̈ɕʃ ɕʃɕzʃ ɳɟɕʃfɟstsʔ нtsfɳ‡ɕʃ. ɻ O·sj ɕʒ ‡tsɑ̈нO·tsɕzɕzj fɳɑʒslstɑɕʃls, ts‡tɑzʞ ɕʃlsj tʃ j tɑ∂r ? ʰ lstɑɕʃ⊐ нtɑzɑ̈ɕʃɕʒʃ lstsɳɑzs lsO‡ɕʃɕʒʃ ʞ j ʰ lstɑɕʃ⊐O·ʒʃ ɕʃ fɳʃtɑtsfɳʃls j ɑ̈ts, ɳɟstsɕzɕ∂ɕʃнɕʃls. ʃ ɕzвlzнj ls lz‡O·r ∂O·ʷ tsнɕʃɕzʟO·нtɑzɑ̈ɕʃɕʒʃ ɕzɑzO·∂fɳj ɑzɑ∂r j ʰ lstɑɕʃ⊐ɕʃ ɕʃ ‡O·ʞ нr ? tɑO·L tʃ tɑtsʃ lzfɳ‡O·ʷ tʃ j tɑ∂r ? ɕzj ʟO·∂ɕʃfɳʃɕʃɕʒs tsls lstsɑ̈ts, fɳ‡tsɕz‡ts вlzнj ls нtsв O·∂ɕzj ɑzɑs ɑzɑ∂r ⊐ ʰ lstɑɕʃ⊐tsɕ ɕʃ ∂ ‡O·‡tsɕʒtʃ tstɑʷн‡j tsɑzʃ вlzнlzls tɑ̈O·fɳʃtsɑzsʞ j ɑz . ʃ ɳɟ ∂ɕʃнɑzs, ɳɟstsɕzɕ∂ɕʃ fɳɑzj tʃ ‡ts ∂fɳj ɕʒ ʰ lstɑɕʃ⊐O·ɑz tsɕzfɳɑzj tʃ lstsɕz‡ts ‡ tsнɑzsɑzʒz ‡tsɑz‡tɑj lsɑzsɑzʒz ʰ lstɑɕʃ⊐lz, ʟO·ɑzʃɑzO·ʸ ʰ j ɑzʒz tstʃ tɑj нj ɑzj ɑzɑzsj tʃ tsɑzsʞ j ɑzʃj ɑzO·нtsfɳ‡j ɕʃɑzʃ ɑzO·вlzɕʒO·ɑ̈j . ç O·‡ ɑzʃ tʃ O·tɑO·нts‡fɳO·ɑz ɑzs ɻ lsts ɑzʒsʞ j ls ʟ∂lzɳO·ʷ , tsɕzнtsɕzʞ j ɕzfɳвtsɕz ʰ ts? lstsɳɑzsfɳʃ ʁ tslsɑzʃɳO·ʷ j ɑ̈ts tsls j ɑzʒz tʃ tsнtsвɕz ⊐, ɳɟstsв ʳ tsfɳʃ∂O·ʷ fɳʸ ‡ ɑzj ɑzʒz fɳɑzj tʃ ʳ ɑzʒ ʃ ɑz"∂tsfɳʃ tɑɕʃɑzʃ ɑzʒ ʃ ls'' j ɑ̈ts ∂ ‡O·ɳj fɳʃ∂j tʃ tɑj н∂O·tɑɕʃlsj ɕz ɑzsɑ̈ts ʰ O·ɑ̈O·‡ lstsɑzʒz, ɳɟstsв ʳ ɑzj ∂ɕʃнj ls ʷ j ɑ̈ts ∂ststв ʃ j !è (James, 1904, tɑ. 607ð 608).

ɻ j ∂tsʟɑzsʞ ɑzs tʃ tɑj нfɳʃ∂O·ɕʃ ʷ , ɳɟstsв ʳ ϕ tɑɕʃfɳʃtslsj ɕz tʃ tɑɕʃɑz ʷ ɑztstʃ tɑj нj ɑzj ɑzɑʃj . ɹ . ʅ . ʅ tsʞ ɑzs∂O· tʃ tsfɳ‡tsɕz‡lz tsɕzfɳɻɕʃls·ɑzɑzj ∂tsʟɑzsʞ ɑz ɕz ɳɟstsв ʳ ç tsнɑzs∂ɕʃ ls·ʞ j ∂j ʃ ɹ tsнɑzs∂tɑj ɑzj ɑzɑzs ɕʃ tʃ tɑɕʃɑzʔ·нɑzj ʞ ·ɑzO·ɕʃ ɑzj tʃ tɑɕʃɑzʔ·нɑzj ʞ ·ɑzO·ɕʃ ɑzɑ̈ʟ ʳ ∂·j ls ɻ lsts tʃ tsɑzsʞ j ɑzɑʃj çɑzO·ɕʃвtsɑzj tstʃ tɑj нj ɑzj ɑzɑzz ɑzʒɕʃʟ ∂fɳj⊐ tʃ tɑɕʃɑzɻɕʃtʃ ts∂è. ʅ ∂·tʃ tɑtslsɕʃ∂tstʃ tsɑzsʞ ɑzz ⊐ ·lstɑɕʃвlzls·O· ls·‡ɕʃ ‡·‡ вtsнtɑfɳʃ∂ts∂·ɑzʃj ɕʃ fɳtsɑz, ɑzj ɑztsɑ̈zls tʃ tɑɕʃtʃ ɕʃfɳ ∂·ls ʷ fɳʸ tsнɑzs? ɕʃ lsts? ʞ j ɳɟ ɑztsɑ̈j ɳɟ fɳ‡ts? ɑzʃ

[illegible] (1989, [illegible] 299). [illegible] (1732ð 1822) [illegible] XVIII [illegible]:

[illegible] *

[illegible]!

[illegible],

[illegible].

[illegible]

[illegible] (Chertok, 1969) [illegible]...

* [illegible].

ʃ qʃ⊐Oɑʃdzzɻ tsɬʷʷjls

qʃfɳʕlzfɳɲʃəjdɤʤs, dʒʳ вlzнjdʒəlststɑsɬ dɤOˡʳ əOʲs ɠɑʃʧdʤslsqʃuɻfɳʕqʃdʒfɳɲʃdʒʧɤOʧəвlzdɤqʃLdʒʃsdʒ qʃdɤɑʃ, ʕtststslsɬts, ɠɑʃʧdʤsfɳɲʃdʒʧɤOʧəвlzdɤqʃLdʒʃsdʒ

υнqʃədɻdɤqʃjlzɪᵡqʃfɳjɠᵍᵡtɐOəʳLʳəOʧdʤsdɻlststdzʕtsdɻtsвʳuɑʤsjfɳɲʃɳʃstsʷdɤqʃjlzdʒOˑlqʕlststɐO)tsdz

tɐO·LнlzdʒʳəOʧzqʃdɤOнlsjdʒuɑʃstsɤɻjjɠʧsəʳLʳəOɻls.ˑlʧtɑtsuɻdʒˌlststsfɳɲʃOʧʤsfɳjLOɠOнʕtsɬdɻdɻɠts,dʤsqʃнdzʷdɤOzʕqʃнdzʷfɳjɠʧsнdzʰdɻɠts,⊐tslsʷdɻнtsfɳɲʃOlsʕOəɠɑʃʧdʤslsjLO⊐dɻls.ʃнdɤqʃOəlststɐfɳuɑʃlsOʧɤqʃ,uɑʃstsɤqʃətslsdz?dʒOɠʧdɻlsqʃLdʒ(ʃˡjвts,ʃ⊐tstɑtsəqʃu),нtʧzɠɑʃjð ʷʷqʃLqʃuɻfɳʕqʃjʷʷOʕlststɐ(zɻOʧɬts,ɹtɐˡ?н),lstɑjlsʳqʃðʧfɳɑʃ⊐tsʤsɠɑʃuɻfɳʕqʃj(ɹjtɑʤsj?dʒ),uɻlsəjtʧlsʳjð ʧfɳɑʃ⊐tsʷqʃLqʃtsʤsɠɑʃuɻfɳʕqʃj(zɻqʃdzнjtɐ).

ɭlzqʃ,dɤʕtsdɻɥ,ʧʃtsfɳɑjнʤʃ?əˡlststdʒʕtsʤsjʕfɳksjətstʃtɑtsfɳʧʃtsuɻdʒzətslsɬtɐʳlsqʃqɠɑʃʧdʤsfɳɲʃdʒʧɤOʧəвlzdɤqʃLdʒOqʃdʒjdɤʤs.ˑlqʕlststɐtsʕOˑlɤdɻfɳʃjʰdzʧdʒtsdʒʧsʰdɤɑʃʕtsdʒ?ʃtsʏjjlsвʳlsˢ,lzнOɥOLəəqʃfɳjdɤOtslstsfɳɲʃвjdɤʤsfɳksjɬjɠtsdɻtɐəʤs?fɳɑʃfɳksjdʒ?ɻɥfɳɑʃвʳlzнOʤsfɳˡlststsнtsʕOˑLOˢ,lststвʳdzʃвʳfɳɑʃzlsʳdʒʤsɠɑʃjətsʃtɑtsfɳ.ʃнdɤʕtsfɳɲʃətɐjdʒjdɤʤOʸdɤOzʕOɠɑʃʧdʤsdʤsɠɑʃʷ*ˡlstsɠtsʷʷOʕlsOdɻʧʃtsнlsəjtɐʏнOjls,⊐tslsʷlOɠOнtsɥɑʃzˌjʕOɥjfɳksəOdɻtɐəʤs?fɳɑʃfɳksjdʒ dɤO⊐tsнʷʰqʃ⊐fɳʸəɠɑʃʧdʤsfɳɲʃdʒʧɤOʧəвlzdɤqʃLdʒj(нOdɻjнdzʷʕtɐOlsʕtsfɳksqʃfɳɲʃdʒʧɤOʧəвlzdɤ)qʃfɳɲʃdɻнtsəOdɤqʃfɳəfɳjfɳksttstsdɤdɻ.

ɭOdʒjˌʰjнtsdɤɠts,ʧʃts-əqʃнqʃdʒʧsdʒz,ʧtɐqʃнjlsfɳʸətslsdʤsʰjdɤqʃqfɳʧtsfɳɲʃвʤsfɳksqʃdɻʕtslststɐ⊐qʃdʤнqʃəqʃнtsəʧʃtsɠtɐzʏOˡsfɳʸəɠɑʃʧdʤsfɳɲʃdʒʧɤOʧəвlzdɤqʃLdʒ(ɠɑʃʧdɤOвjdzdʤsfɳksˡ)tsfɳksəOˡsfɳʸdɤqʃʰˌdɤOlztɑtsədɻɠɑʃʧtslsjL.

ʂOʕ-lsts:dɻtɐədɤOʸfɳɑʃfɳksjdʒOɠɑʃʧdʤOвjdzdzˑ⊐dzнj?dɤOнjdɻdɤOlzdɤqʃʕOdzdʤs?ʧdɤOfɳksqʃuɑʤsfɳksᵡ,qʃˡlsts ʧʃtsLətsdzʷjlsqʃdʒʕOɥнʳ?tɐOLdɻɠʕtsʧsɠtɐzʏOˡsfɳʸ,lsOʕʕOʕtsdɤqʃfɳɑʃʧtsfɳʃвdzˑtɐjlsjdɤqʃtɑtsəOˡs",lstsjfɳksˡ ʧtɐqʃdɤqʃdʒOˡsəfɳjвʷəʤzʰjdɤqʃjqʃнjdɤOˡsjɠtsuɑOfɳksᵡfɳɲʃdʒʧɤOʧəвlzdɤqʃLdʒjˌ

ʅ ɻ fɳɡʒslstɕʷ ɑʑOɔtsLtɕO›ɻ ɻ ɑʑɑʃʷ ɢ-›ɻ ɑʃ ɪ ʁ ɑʃfɳɻɢᵍ tɕ, ɑʒO›tɕ÷ɑʃLO›ɑʄɻ ʯɑʃɑzɻ ɑʃɔtsls›ɑʑ ɑʒɑʒO›ɑʄɻ lsɑʃLɑʒsɑʒɻ ɢts 45-ɑʄɻ lsɑʑɑʃʔ ʕ›ɑʒɻ tɕ÷Hɑʃɑʄɻtɕ⌊ ɑʃ-ʙtsɑʑ, ʕtslststɕʳ ʔ tsʙʳ ʯɑʑɑs tʃtsɑʒsɢ›ɑʑɻ ɑʒʒZ ɔ ɑʒO›ɢɑʄɻ lsɑʃʯɻ fɳ⊐ɑʃ fɳɻO›ɑʑfɳ›⊐. ʃʳ ʙtstɕ fɳsʙ fɳksɔɻ ɑʑɑʑsɢts ɑʄɻ ʯɻ ɑʑɑʃʷ ɢtsɔtstɕɑʃls ts fɳksɻ tʃɻ ɑʑɑʃ ʜtsɔɻ tɕɑʃʷ ɪ ʁ ɑʃfɳɻɢᵍ tɕO›ʕ ›ɻ ɑʃɔtslsɑʑsɑʒʒ ɑʒO›ɢɑʄɻ lsɑʃLɑʒʒ. ʃ LO›ʃɑʃfɳʕ⊐, ɑʃLHO›ɑʑʑ ⊐ɔ 1811 ɢtsHlz, ɪ ʁ ɑʃfɳɻɢᵍ tɕtʃɑʃʰ ɻls ts ⌊ ɑʃʙtsɑʄɻ: çʕ lsts ʯɻ fɳksɑʄɻʔʰ ɑʃʔ ʯɻ ɑʑsɔɻ ʕ, ʕtslststɕtsɢts ʷ ɑʃfɳʃtsɑʑ Ltsɔ›ɑʑtʃɑʃ tstʃʳ lsO⊐ɔ 1784 ð 1785 ɢtsHO⊐. ⌊ ɢts tʃtɕɑʃɔʷLO›ɑʑɑsfɳksᴵ ʕts ɑʒɑʄɻ, ʜtsʕ›LO›ɑʑɑʑO›ʸ ʙtsɑʄɻ ɻ ʯɻ ɑʒ 30-ɑʄɻ lsɑʄɻʔ fɳɑʑɑʑɻ ʙtsʔ, lzɔ›ɻ ɻ ɑʑɑʃɻ ɑʒɑʃ ʜtɑʑɑʑɻ ʙtsʔ, ʕtslststɕʳ ɻ ʷ tʃɑʃlsO›ʳ ʕ ɑʄɻ ɑʒʑ, tsʙtɕ›Ltsɔ›ɑʑO›ɑʒ›ɻ ʜlz ɑʑO›ɑʒɑʃ lsɻ fɳɑʑ› ɻ lzLʳ fɳsʯlzɔfɳksɔɑʷ ɑʑO›ɑʒɻ tɕɻ ɑʑɑʃʔ ɑʃ ɔtsɑʑɑʃ, fɳstsɑʑ ɑʄɻ tsʙ⊐tsHɑʃɑʒʳ ɻ ʜɑʑʸ fɳsɔɑʒɻ fɳksɑʑsɢts ɑʒO›ɢɑʄɻ lsɑʃLɑʃtɕtsɔ›ɑʑɑʃʷ...è (Puysegur, 1811, tɕ. 320).

ʃ 1825 ɢtsHlz ɸ tɕɑʃɑʒ›ɑʑɔ ɪ ʁ ɑʃfɳɻɢᵍ tɕ fʕtsɑʑʯɑʃɑʑʃʸ. ɪ ts tʃtsɔtsHlz ɻ ɢts fɳɑʒɻ tɕlsɑʃ ʜtɑʑLᴵʷ ɢtsɔtstɕɑʃɑʑɑʃ: çʃ ɻ ɢts ʜlzʰ ɻ ʜtɕtsʞ›ɑʑɑʃ fɳkstɕlzɑʑ lsO⊐ fɳɑʃɑʑ lsɑʃɔ ʯɻ ɑʑsɔɻ ʯɻ ɑʃʕtsɻ fɳɻtɕ÷HʯɻtsʕLO›ɑʑsfɳ ɑʒɻ fɳʃtsfɳksʙ ɑʑ ʒ ɔʳ ʜɻ tɕ›ʞ›O›ᵎ ᵎ lstslslstɻ tʃɻ ls, ɑʃtsɑʑs ʜtsɑʑ›ɻ ɑʑsʙʳ ɑʑs tɕO›Lʙɑʃlsᴵfɳʸè. ʉ ɑʑsɔO›ʀ . ʉ . ʊ›lztɕɑʃɻ ɑʒɻ ɔO›ɔtʃtsɑʑɑʑɻ ɑʒʒs›ʞ ɑʑs tslsɑʒɻ fɳksɑʃ ʕʷ ɑʃɢlztɕɻ ɪ ʁ ɑʃfɳɻɢᵍ tɕO› çʂ tsɢʜOtʃɻ tɕɻ ɔɻ ʜlzlsfɳʸ ʜtsɑʑ⊐ɑʃ⊐tslsʳ , tʃ›lzfɳʕ›ʔ LO›ʕtɕtsɻ lsfɳʸ ʕɑʑɑʃɢO›ʀ fɳkststɕɑʃɑ. ʃ ɑʒɻ ʔ ɑʒɻ ɳɻ ɢts ʙlzʜɻ ls ɳɑʃlsO›lsᴵ è.

ʌ ɻ ɑʑsɑʒɻ ɑʑʑ ɢɑʃtʃ ɑʑsfɳsɑʒ›ɑʑO›ɑʒʙlzɑʑɑʃLɑʒO›

ʉ tsɑʑð ɑʃLɑʒɻ ɑʑO›tɕO⊐fɳʃ›ʜʕlz. *ʃ . l O›ʙtsʕtsɔ*

ɸ ɑʒɻ tɕɑʃʕ›ɑʑɑʃʕɑʃʔ ɑʃfɳɻɑʒɻ ʜtsɔO›ksɻ ɑʑ ɸ . ʃ . ʃ ɻ ʔ ɳɻ ɑʑ⊐tsʷʷ ɻ tɕ, tsHɑʃɑʑɑʃL O›lsɔtstɕtsɔ fɳksᴵ ɑʑʷ tstɕ›fʕɑʃɑʄɻ ʕ›ɑʑɻ ɢɑʃtʃ ɑʑO›ʙɻ ɑʑ ɑʑsfɳksɑʃ, fɳɻɑʃlsɑʒɻ ls, ɳɻtsɔ ʕ÷ 1900 ɢtsHlz, O›tʃts fɳʸlsɑʃ, ɑʃ ɻʰ ɻ tɕO›ɑʑʰ ɻ ɔfɳɻ tsfɳɻtsɔɑʑ ɻ ʜO›ɑʑʑ ɻ ts ɢɑʃtʃ ɑʑtsL ɻ lz›ɻ ɻ ʙʳ ɑʑɑʃ tʃtsɑʑɑʑɳɻɑʑ . ɪ ɑʃɳɻ ɢts ɑʑtsɔtsɢts fɳlsɻ⊐ tʃtstɕ ɑʒ tʃtɕɑʃʙO›ɑʃɑʑsfɳʰ, ɑʃ ʙtsɑʑʰ O›ʷ ɳɑʃfɳksᴵ ɑʃfɳɳɻɑʒ ʜtsɔO›ɑʑɑʔ, tʃtɕtsɔɻ ʜɻ ɑʑʑ⊐ tʃtsfɳɻɑʒ 1900 ɢtsHO(ɑʃ ɔ tsfɳʃsɻ ɑʑɑʑsfɳksɑʃ tʃtsfɳɻɑʒ 1920 ɢtsHO), ⊐O›ɑʑ÷lsɻ tɕɑʃLlzɻ lsfɳʸ fɳʕtstɕɻ ɻ tʃɻ tɕɻ tslsʕtɕʳ ɔO›ɑʑɑʃɻ ɑʒ›lzʞ ɻ ɑʃLɔɻ fɳksɑʑsɢts, ɑʒɻ ʞ ɻ ɑʑɑʃ fɳʃsʙ fɳksɔɻ ɑʑɑʑs tslsʕtɕʳ lsɑʃʷɑʒɑʃè (Weitzenhoffer, 1953).

ɪ tsɑʑ lzʷfɳ fɳɑʑzɳɑʃ ɑʒ ⊐tsɳɻ lsfɳʸ LO›ɑʒɻ lsɑʃlsᴵ , ɳʃtsts ɸ ɑʑ›tɕɻ ʃ ɻ ʔ ɳɻ ɑʑ›⊐tsʷʷ ɻ tɕɑʑ, ɻ fɳɑʑɑʃ lsO›ʕ ɑʒʃsʞ ɑʑs ɔʳ tɕO›Lɑʃlsᴵfɳʸ, tʃtsɔɻ lɑʑs: tsɑʑɑʃɑʒɻ ɑʑɔtsLɑʒʃsʞ ɑʑsfɳksᴵ tʃtsLɑʑʕ›tsɑʒɑʃlsᴵ fɳʸ fɳɑʃfɳɳɻɑʒ ʜtsɔO›ɑʑɑʃʷɑʒɑʃ ɔ tsʙɑʑO⊐fɳksɑʃ ɢɑʃtʃ-

> *Il tsHdzsdzgdzdzsəjdzjəcfHjlsʲəjucdzsfnjsʲ, tscdzsdzdz?dzfdcəLjtcdjtfjfnfO,*
> *Il jHcfdzs?cdstcfnjscfBjfnfdzsdjucdzsfnjsʲcfdjBts ðəucOhjucfjucəjlsfO.*

R.ʃ.ʉjujdzsətʃcfnwdz çʃjulsOlsʰ tsBtcOLOdzgf, fnOfcfLəjfnjscdzs, əfnjGts dzcuʰjəlsjdzgdzslsjcf fnjsəjtcʰjdzdzs?lsfʰcfdj. Il ʰlzdzgdzs?, wtcfts tsfnəjʰjdzdzs? fnsdzgdzOlsjdzjulsOlsʰ tsBtcOLOdzgf dzgsxjjlstcOləj lstsdzfnstʃtsdzjʰOdzdz?HOujdzsəjf, fnjstcOHOʲʰcf?LtcflsjdzdzdzgfGOdzdzuqfdzOuqfwdzgf, Btsdjgldzʁ dj tcədz?Ctʃf OtcOlstsəè (ʉjujdzsə, 1961, fn 94). l OHtsdjlzfJzfnfOlsʰcfLəcfHlz, ulstsHdzwtsBruqdzsGts ujdzsəjfOtfOlstsdzsGqfw ð lstsHdzwfnjsdzgdOdzgblzdzdzstcdzO

υdzCtsHwʰjGtsfnjəGqfʃdzsfnjsdzgdOdzgblzdzldzjHOxjtʃtcftslfcrlsCGdzOLOCdzsxjjlstʃtswəqflsʰfnjuzəfnjsəts tslstcjʰjdzdzsfnjsqtslstsfcdzxjOʲʰjGts dzgftcO1jtcjHədzlstcjdzdzqdzəLtstcsdzfnjsdzgdOdzgblzdzʃtcsBjGOʲls tcOLdzquqdzjtsBtcOLrcflsOxjBrfnjstcrs cfnujLOʲls,Odjfstslstscrjtʃtsəlstscwʁlsfnjw,fnjsOdzsəwfnjtsfnqdzsədzs? lsjdzgs?əcfHjdzq?.1tcqʲlstsdzfnjsdzgdOdzgblzdzOəfnjGHOfnjCtcOdzwjlsəfnjBjfnfctrlstsGtsdzOBdzHOsjdzw. Idjʰdzq?dzgfctcqfnujLOjls,tsfnjOjlsfnjlstsdzfts xjqfLdzədzlstcjdzdzww.IqftfdzsfnjsdzgdOdzgblzdzqfLdzgətsdzgdzsGtsdzdzOftsdzgfdzOjlsfnjsfnjstswdzqjçtftcsfnjjlsdjdzdzsGtsfnqdzsəcfHujfnjsəOè (Beahrs, 1982, tc. 238).

[fnqdzqftsfqlzdzgfOf Brtslsnjdzwjlsnlzhlzqflsjdzdzs?qfujdzsəjfdjlOdzjlsdzsHdzwfnjBw tsfOlrəOjlsfnjBlznlstsBrətfslslzfnjststcsdzdjdzgfcjlstsə,lstsəfnqdzuOjGqfʃdzsfnjsdzgdOdzgblzdzqfLdzgOətslBlzxj-

ʃ ɑʃ⊐Oɑʃɑzz, tsʔʷ ʲ jls

ʜG̈jlsfɲʸ ɑʃɑʒ̈jɑzɑʒtsuʐəfɲʃətsLjɑʒʃzʗ⊐tɛO·ʜtsfɲʃsjʔ, fɲʃsLɑʒO·ɑzɑʃᵏ tslsʕtɛʳ əG̈jlsfɲʸ ɑʒtsəʳ ʔ ɑʒʃtɛ. ɸ ɑʒtsɢtsɑzʗ ɑʃ
ʜtɑzɢʃjʃtsʜtsʙɑzʗjəjʰjfɲʃəOətsLʙlzʏʜOʸlsəʙtsɑzʰjʔfɲʃsjtʃjɑzɑʃʏɑʃətslsɑtsjɑʒʗuʃO·ɑtsɢʃɑʃtsfɲʃsɑʒɑʒO·ɑʒ
ʙlzɑzɑʃLɑʒʜjʔfɲʃəlzjlsɑʒjtʃtsfɲɟjʜfɲʃəjɑzɑtsɑʒʗOʜlz⊐tsəɑzʷᵏ fɲʃzʰ ɑtsfɲʃʲ. ʃ lz⊐tsəɑtsj fɲʃɑʒtsfɲʃsLɑʒO·ɑzɑʃj
tʃtsəʳʰ G̈jlsfɲʸ əfɲʃsjtʃjɑzɑʃ: fɲʃsɑʒɑzO·ɑʒʙlzɑʒO·əɑʃʜɑʃlsfɲʙtsɑzʰjʔʷfɲɑtsfɲʃsʰᵏ fɲʃtsj Ljɑʒɑtsj ɑzO·LɑʒO·ujɑzɑjj ɑʃ
fɲʃstɟjɑʒɑʒjɑzɑjj;ʕO·ɟjlsfɲʸ, uʃlstsɑzʗuʃʰ jɑʃɑʃtɛtsɑzɑʃʕɑtsəjɑzɑɟjɑʃtsɑzɑʃʕɑʒʗOʸlsfɲʸəfɲjəLOɑʃɑʒtslsɑtsʰjɑzɑʃʷətɟjɑʒɑz.
ʉtsɑʒɑzO·ɑʒʙlzɑʒO·ɑʃfɲʃʃʳlsʳəG̈jlstsʏɑʃəzʷᵏʰjjʜjʔfɲʃsəɑʃj, uʃlzəfɲʃsətsʕOʕtsʔ-lstsɑjɢʕtsfɲʃsɑʃ: fɲʃʕlzuʃzʔ
fɲʃsO·ɑtsəɑʃlsfɲʸəjfɲjɑzɑʒʏɑʃLɑjɟtɛO·ʜtsfɲʃsɑzɑʒɑʒtsɑzuʃO·ɑzɑʃəʳʔðtsʏɑʃəɑjɟɑzɑzɑʒfɲʃɑtsətstsʕtslsɑzɑʃəʳɑʒ
tɛtsʙʕɑʃʔðfɲʃɑjɑzɑʒlzəjtɟjɑzɑzɑʒfɲʃɑO·ʙʳʔuʃlzəfɲʃsəlzjlstʃtɛɑʃɑzɑʃəᵗɑjɟtɛɢʃɑʃ.ɪtɛɑʃujɑʒtsfɲʃsLɑʒO·ɑzɑʃj
fɲʃsʙfɲʃsəjɑzɑzʗ⊐fɲʃgɑzɑʃfɲʃʃtsfɲʃsʙɑtsfɲʃjʔətsLtɛO·fɲʃsO·jlsəəʳfɲʃsʕtsʔfɲʃsjtʃjɑzɑʃ.
ʃ O·əO·ʔlsjtʃtɛtsfɲʃɑjɟʜɑʃɑʒLOlsjɑʒʕO·ʕlzuʃO·fɲʃsɑzɑʃʕʊjO·stɛOGɑʃtʃɑtsLOtstʃɑʃfɲɲəG̈jlsfɲəɟtsjfɲʃsfɲʃstsʷɑzɑʃj:
ç1O·ɢɑtzʰO·ʸLəlzʕɑʃtɛO·LʙlzʰjəO·əʰjʔfɲʸfɲʃsɑʃ⊐ɑʃɑ, əfɲʃsLɑzO·ɑzɑʃjətɛʳəG̈jlsfɲʸfɲɑʃɑtzɑzʔɑʃəɑtO·fɲʃsɑzʔɢtsɑtsfɲ
tstʃjtɛO·stsɑtɛO·tʃtɛɑʃʕO·LʳəO·ʸʰɑʃʔLO·ʕtɛʳlsᵘɢɑtzO·LOɑʃLO·ʙʳlsᵘtsʙtsəfɲjɑʒʊjɑtsʙjLtɛO·fɲʃɲzʜɑtsɑʃʏO·ʜɑtsʏʜjls
jɢtsʕtsɑzʉtsəfɲʃtsɢtsɟtʃtɛɑʃʕtsfɲʃɑtsəjɑzɑʃʷ. ɪtslstsɑtsʉjtɛʉujj, tsfɲʃsO·ɑtsəɑʃəfɲʃtsʔʙjʰjɑzʔʙjɢ, ɑʒjtɛɑtsɟtʃtsfɲʃslzʕɑʃəG̈jlsəɢtɑzʜɑʃ. ɪtslstsɑtsʉ
tʃtsfɲʃslzʕɑʃəG̈jlsəɢtɑzʜɑʃ. ɪtslstsɑtsʉjtɛʉujj, tsfɲʃsO·ɑtsəɑʃəfɲʃtsʔʙjʰjɑzʔʙjɢ, ɑʒjtɛɑtsɟtʃtsfɲʃslzʕɑʃəG̈jlsəɢtɑzʜɑʃ.

∫ ɑ[⊐Ɵɑ[ɑzz, ts≠ʷʷj ls

ʧtsнtsʙɑʒsj ɑ[fиʃʳ lsƟɑʒə ɠɑʒzʙtsǂts≠ fиjsƟɑtsfиjsɑ[, ǂtsɠнƟʧtɑtsнtsɑzи[Ɵ⊕ʰ ɑ[j fиʸ ɑzᵩfиʃǂsɑz ǂts υ[Ɵfиjsə ʧtɑtsɠʒɑzɑ&ɑ[υ[Ɵfиjstsʧtɑj нfиjsƟ⊕ɑzʷɑz[fиɲ ʙtsɑzʰ ɑ[ɑʒ[ʧʃʒlsjʰ j fиjs⊕ɑ[ʷɑʒ[.

ɪ tɑ[ʃυ[ɑ[ɑ&ⱭɑzᵩʧtɑƟ⊕ɑ[ɑz ɑʒs≠ tsυjɑz&ɑ[⊕tɑj ɑʒjɑz&ɑ[⊕ lstsɑʒ υ[stsʧtstɑtsʏиjɑzɑz⁓ j ʷʷƟɑzsƟLɑ[j≠ ʧtɑj нfиjsƟ⊕ɑzᵩɑz&ɑ[ʷ ʧtɑ[ɑzɑ[ɑʒƟʸ lsfиʸ LƟtɑj Ɵɑz ɑz⁓ j ɑ[ʧʃtsᵘ lstsɑʒz ɑ[Lɑʒᵩj tɑ⊂ʷʁ lsfиʸ ɑ[⊐ нjᵩ≠fиjs⊕ɑ[lsjɑz ɑzs≠ ɑʒᵩj tɑtsᵩ⊕tɑj ɑʒᵩjɑz&ɑ[, ǂtslststɑƟʸ, tsнɑzƟǂts, ɑzᵩᵩ ʧtsн⊐tsнɑ[ls нɑz⁓ ʙʳ fиjstɑtsɑzᵩjlsɑz⁓ ⊐, ɑz&ɑ[ʰ j ɑzɑz⁓ ⊐ tɑjƟɑz ɑzsfиjsɑ[tsʙtɑƟLtsə ʷʷƟɑzsƟLɑ[ɑ[. ʉ ʧtsнtsʙɑz⁓ ɑʒʷ⊕ɑᵩjɑz&ɑ[j ɑʒɑʒ ɑ[fиjsƟɑzƒɑ[⊕Ɠ ɑʒfиʸ ʧtsfиɑzᵩj ʙtsɠƟlstsɠ⁓ts fиɑzts⊕ɑ[нj ɑz&ɑ[ʷɑʒɑ[fиɑz&Ɑɑ[fиɑzƟɑ[⊕Ɠ ɑʒj ɠ⁓ts fиɲ tɑjƟɑz⁓ ɑz⁓ ɑʒ⊕tɑj ɑʒᵩjɑz&ᵩɑʒ ʏƟfиjstsʙʳ ⊕Ɠ ls нtsfиjsƟlstsυɑzts ɑᵩj fиʃǂsɑz ǂɑ[⊐ ɑʒ[ɑzɑzls, υ[stsʙʳ lz⊕ɑ[нj ls fиɑz⁓ , ts⊐⊕Ɵlsʳ ⊕Ɵʸ ʃ ɑ[j fиjsʙʳ lsɑ[ʷ ɑᵩj fиʃǂsɑz ǂɑ[⊐ нɑᵩ≠, ɑ[fиjs⊕j tɑ⊂ʰ ɑ[lsᵘ нƟɑᵩjǂɑ[j ʧʃlzlsjʰ j fиjs⊕ɑ[ʷ. ɪ tɑtsɑʒj ʏ lzlststǂ ⊕tɑj ɑʒj ɑz&ɑ[, ɑᵩj LƟʧtsɑzɑᵩjɑz&ɑz⁓ ≠ ⊕tʃj υ[Ɵlsɑᵩj ɑz&ɑ[ʷɑʒɑ[, ǂƟʏj lsfиʸ ʙtsɑᵩj ɠǂtstɑtslsǂɑ[ɑʒ ɑ[ɑzƟlsʙtstɑtsls.

ʉtsɑʒɑzƟɑzʙlzɑzƟʧtstɑts≠ lsj tɑ⊂ʷj ls ʧtɑj нfиjsƟ⊕ɑᵩjɑz&ɑ[j ts fиƑj ɑʒj fиɲtsj ɠ⁓ts lsj ɑz⁓ tsɑzts ɑʒsʏj ls lzɑʒj ɑz⁓ʰ Ɵlsᵘ fиʸ ɑ[ɑz[lz⊕j ɑz[υ[ɑ[⊕Ɵlsᵘ fиʸ. ʊ tsнɑzts⁓ts ɑ[fиʃʳ lslzj ɑʒsɠ⁓ts tsfиjsƟ⊕ɑzƟƓfиɲ lstsɑz ǂts ɑz&ʃʏ ɑz⁓ʷʷ ʉj ɑz fиjsᵘ , ɑzts ⊕ ǂtsɑz&ʉj ǂtsɑz&ʉtsə ɑ[ʉj ɑz fиjsᵘ ɑ[fиɲj LɑzƟ) ɑ[tsɑz⁓tsʰ lz⁓ʰ Ɵɑzfиj ʙʷ ⊕j ɑz[υ[ɑ[ɑzts≠ fиɠ⁓tstɑtsʰ ɑ[ɑz. ɭ Ɵ⊕tsʧtɑtsfиɲ ç.ʅ нj lsʳ ?è ð tsɑz⁓ нƟ⊕Ɵɑzɑjɑz&ʧʳ ≠ tslsə⊕j ls: ç.I ⊕Ɵʰ j ɑʒɠɑzƟLzè. .I ɑzzlstɑj ɑzɑz&ʃ≠ ɑʒʃtɕɑʒsʏj ls tɕƟLtɕƓfиjsƟlsᵘ fиʸ нts ʙj fиǂtsɑj ʉ[ɑzsfиjsɑ[ɑ[ɑz[fиjzʏ Ɵlsᵘ fиʸ нts ʉ⊕j lsɑzsɑ⁓ts ʧʷlsɑzƟ

.I ʳ ⊕j нj ɑzɑzsɑʒz ɑ[L ɠɑ[ʧɑzsfиjsɑʒɑzƟɑzʙlzɑz[LɑʒƟʉj ɑzs⊕j ǂlz lstɑj ʙlzj lsfиʸ ɑj ǂtslststɑtsj ⊕tɑj ɑʒʷ, υ[stsʙʳ fиjstɕ[j ɑzsɑ[tɑs⊕Ɵlsᵘ fиʸ tslsɑzsfиɑ[lsj ɑz ɑzs fиɲtsj ≠ ɑz[υ[ɑzsfиjsɑ[, Θlsɠǂʏj ⊕ts ⊕tɑj ɑʒj ɑz&ɑ[ɑ[ʧtɑtsfиjstɕƟɑzƒиjs⊕j . ɪ tɑts^h j нʰ j j ⊕tɑj ɑʒʷ ʧtɑj нfиjsƟ⊕ɑzʷj lsfиʸ ʧtɑtsə⊕ɑzsɑʒ fиjsʙʳ lsɑ[ʷ lsj ɑʒɑz⁓ ɑ[ɑᵩjtsʃtɑj нj ɑᵩj ɑz&ɑz⁓ . ɾ lzʰ Θ fиjsƟɕ⊕ɑ[lsfиʸ ⊕tsfиjsƟɑzts⊕ɑ[lsᵘ ɠ⁓tsᵍ ɑ[нj ɑzsɑ[υ[ɑzsfиjsᵘ . ʅ fиǂtstɑj fиjsɑʒɑzƟɑzʙlzɑzƟυ[lz⊕fиjs⊕lzj ls tsʙʲ j нɑ[ɑzʷʁ ʰ lzᵍ fиɑ[ɑz fиjsLɑzƟɑz&ɑ[ʷ, ǂtslststɑtsj ʙʳ fиjstɑts fиjsfиɲtɑj нtslststɑzᵍ ʧtɑj ʏ нj ⊕fиɲɠ⁓ts fиɑ[ɑzᵩj ʉᵘ ɑ[L ᵘ lsts≠ ɠƟɑz⊕ʳ , LƟǂɑzᵩ ʉj ɑzƟ⊕ lstsɑʒ υ[sts ɠɑ[ʧɑzsfиjsɑʒɑzƟɑzʙlzɑz[ʉj fиǂtsj fиjsfиjstsʷɑzɑj ⊐Ɵɕ⊕ǂlsj tɕɑ[Lzj lsfиʸ ɑʒƟǂfиɑ[ɑʒƟɑzᵩɑz&ɑ[ɑʒs≠ ɑʒsʙɑ[ɑLƟʉɑ[j≠ tɑj Lj tɕ⊕ɑzᵩ⊐ ⊕tsLɑʒsʏj ɑzsfиjsj≠ ʉj ɑzs⊕j ʉj fиǂtsᵩ≠ ʧfиɑ[⊐ɑ[ǂɑ[, ʧtɕɑ[ǂtslststɑtsᵩ≠ fиjsɑʒɑzƟɑzʙlzɑz[ʧtsɑzʉɠj lsɕƟfиʰ ɑ[tɑj ɑz&ɑzᵩ j ⊕tsLɑʒsʏj ɑzsfиjsɑ[lzʧtɕ⊕ɑzɑj ɑz&ɑʷ fиjstsj≠ ʉj ɑzstɕƟɑzᵩɑzts≠ ɑ[ʧj tɕɑ[ʷj tɕɑ[ʉj fиǂtsᵩ≠ ɑj tɕ⊕ɑzts≠ fиɑ[fиjsj ɑʒ5s≠.

.I ʧtɑj нɑ[fиɑzts⊕ɑ[ɑ[ɑʒʳ ɠ⁓ts⊕tstɕɑ[ɑz[, υ[stsʏtslsǂtɕʳ lsɑ[j ɑ[fиǂlzffиjs⊕j ɑz&ɑzts ⊕ʳ lɑ⊕ɑzɑzsɠ⁓ts fиjsɑʒɑzƟɑzʙlzɑz[LɑʒƟð fиjsʙʳ lsɑ[j ɠ⁓tɕƟɑzƒɑ[tsLɑzsj , tɕ⊕ɑzts⊕j ⊕j ɑz[υ[ɑ[Pʰ ɑ[ɑʒtslsǂtɕʳ lsɑ[ʷɑʒɑzƟɑzʉtɑj Ɵstsə ʅ tsʙj ɑzᵩ⊕fиǂ≠ ʧtɑj ɑʒsɑ[.

.I tsLɑʒsʏj ɑzts, ǂtsɑʒz-lsts ʧtsǂƟLƟɑzsfиɲ, υ[stsɠ⁓ts⊕tɕɑ[ɑz[ɑzsfиɲ ʱ lsts fиɲɑ[Lɑzɑʰ -

∫ ⊐⊙∫⊐zչ ts⁇ʷ ʷ∫ls
tslsʕtsdzsʘslsʘfɲəd⨍ʰ dz∫⊐dʒ⊐dʒ∫tɑtsd⊐⊐∫j⊐tɑjʕdzˀ ɯ⊐lsᴵ dzʘətsfɲ∫tɑ⊐ʷlsc∫j⊐ fɲɯtsəj⊐fɲɯzˀ ⊐ fɲ∫ɠdzʘɯtsə, ⊐fɲ⊐tsʜʷʰ ⊐⊐
tslsɠ⊐∫⊐dzslsc∫ʟj⊐tɑʘ⁀ʕ lstsʜʘ⊐lsətsʟdʒtsɤ⊐dzsfɲjᴵ ∫⊐tsfɲtɑjʜfɲjətsd⊐tsʜdz∫⊐ lstsdzˀʕts fɲɯtsə ətsʟhj⊐⁇fɲjətsəʘlsᴵ dzʘ
ʙtsdzˀʰ lzᵍ ɯʘfɲjsᴵ ⨍∫ʘɑʘdʒ⊐lstɑtsə j⊐ɠts tstɑɠʘdz∫ʟdʒʘ⁀ʟ fɲᵂʟc∫ fɲᵘlsc∫d⊐dzʘ∫tɑʘəd⊐dz∫j⊐ʜʘdzˀd⊐⁇ʰ c∫⊐
ᵘʕfɲ∫j⊐tɑc∫dʒ⊐dzstsə ⨍tsdzdzsfɲjsᴵ ᵍ c∫ʟdʒ⊐dz∫dzsfɲ⁀: d⊐sʜj⊐dzˀ d⊐j⊐fɲd⊐j⊐tɑtsəfɲʕtsɠtsʕtɑc∫ʟʘʙʳ dzʘʟʘdʒ⊐d⨍⊐dzʘ
ʜj⊐⁇fɲjsəc∫j⊐d⊐ tsfɲdzsəʘdzdzˀ d⊐⨍ts⨍tɑj⊐c∫d⊐zʰ j⊐fɲjəlz dzʘfɲdzsəj⊐fɲdzˀ ⊐ ʕtsd⊐ʘdzʜ⊐⊐.
∫ lsʕtɑʳ lsc∫j⊐ ɠ⊐c∫⨍dzsfɲjsd⊐dzʘdʒʙlzdz∫ʟdʒʘ⨍tsd⊐sɠ⊐dzs lzfɲjsʘdzsəc∫lsᴵ ⁀ ɯlsts⨍tsd⊐dʒs d⨍⁇tɑədzs⁇ ʟ dzʙtsʕtɑc∫dzdzs⁇ c∫
c∫d⊐d⊐dzdzdzs⁇ tɑj⊐ɠlzdzʷɯc∫c∫⨍tɑtsɯj⊐fɲjtsə ə tstɑ⊐ʘdzʕ∫ʟdʒj⊐ ɯj⊐dzsəj⊐ʕʘfɲdzʰ j⊐fɲjəlzj⊐ls c∫⨍∫fɲ⊐⊐tsdzsɠ⊐∫ɯj⊐fɲ∫ʘᵛ. ʊʘʕ⁀, ʕ
ʜəlzdʒfɲ⊐⊐fɲjsj⊐dʒʘdʒtɑj⊐ɠlzdzʷɯc∫c∫ ð d⨍j⊐tɑədzs⁇ c∫ ɠlzd⊐stɑʘdzˀ dzs⁇ (⊐⊐c∫d⊐d⊐∫ɯj⊐fɲ∫ʘts⁇) ð ʜtsʙʘəc∫dzɠ⊐fɲ lstɑj⊐lsᴵ ʷ. ʅ ʘ
tsfɲdzsəj⊐ ⨍∫tsfɲdzj⊐ʜd⨍⁇ ətsʟdzʕ∫ʕdʘtɑj⊐ʘdzˀ dzʘᵛ ətsʟd⊐sɤ⊐dzsfɲjsᴵ lzt∫tɑəd⨍j⊐dzʕ∫ʷ ⨍∫tɑtsɯj⊐fɲfɲ⁀d⊐sc∫
ɤ⊐c∫ʟd⨍j⊐ʜj⊐ʷlsj⊐dzˀ dzs⁇fɲjsc∫ c∫ᵘʷʷj⊐ʕlsc∫ədzsɠtsd⨍j⊐ɯj⊐dzʕ∫ʷ d⊐sdzsɠ⊐∫⁀ʟʘʙtsd⨍j⊐əʘdzʕ∫⁇. ʅ tɑj⊐ʟlzdzˀlsʘlsj⊐ ⨍∫tsʷəc∫dzsfɲ
dzsətsj⊐ dzʘ⨍∫tɑəd⨍j⊐dzʕ∫j⊐ ə d⊐j⊐ʜc∫ɯc∫d⨍j⊐ ð ɠ⊐c∫⨍dzslsj⊐tɑʘ⨍∫c∫ʷ ð d⨍j⊐ɯj⊐dzʕ∫j⊐ fɲɯtsətsd⊐ʉlstɑtsɠtsɠtsətstɑʷ, fɲɯtsətsəʘdzʕ∫ʷj⊐lsd⨍j⊐ dzʘ⨍∫tɑəʷd⊐⊐zᵍ ,ʘɯj⊐tɑj⊐ʟ d⨍j⊐tɑədzzᵍ ,ᵘdzʙtsʕtɑc∫dzdzzᵍ c∫c∫d⊐d⊐zd⊐dzzᵍ fɲ∫fɲjsj⊐d⊐ˀ .ʅ ʘ⨍∫ʙtsd⨍j⊐
ᵘʷʷj⊐ʕlsc∫ədzs ᵘlsts ədzʕ∫ʷdzʕ∫j⊐ (ədzzʰ j⊐dzʕ∫j⊐) ⨍∫tɑtsc∫fɲ⁀tsʜc∫lsə ɠ⊐c∫⨍dzsfɲjsd⊐⁀dzʘ⨍∫ʙtsd⊐ʘdzʕ∫j⊐.
ʅ j⊐fɲjsd⊐d⨍j⊐dzdzs, tslsʕtɑʳ əʘᵛ ʰ c∫j⊐fɲᵂ ətsʟd⊐sɤ⊐dzsfɲjsc∫ ⨍∫tstɑʘɤʘᵛ lsfɲ⁇tsc∫d⊐d⊐⁀fɲj lsʘʙtsd⊐ fɲɯtsəʘdʒ⊐[dzsɤ⊐dzs
ʜtsʙc∫lsᴵ fɲᵂ c∫ʟd⊐j⊐d⨍j⊐dzʕ∫⁇ ə ⨍∫fɲ⊐⊐c∫ɯj⊐fɲʕtsˀ fɲᵂʷj⊐tɑj⊐, d⨍j⊐tɑədzs⁇, ᵘdzʙtsʕtɑc∫dzdzs⁇ c∫ c∫d⊐d⊐zd⊐dzzdzs⁇ fɲ∫fɲjsj⊐dʒʘ⁀. ʅ fɲɯzc∫
fɲʘdʒʳ j⊐ tɑʘʟdzc∫ɯc∫dzˀ j⊐ ⨍∫tfɲ⊐⊐tsᵂʷc∫ʟc∫tsdzsɠ⊐c∫ɯj⊐fɲʕtsc∫j⊐ ʷʷj⊐dzsd⊐j⊐dzˀ d⊐sɠ⊐zlsʜtsfɲjsc∫ɠ⊐lsᴵ fɲᵂ ⨍∫tɑtsfɲjstsəd⊐ʘfɲjsᴵ ᵍ fɲɯtsəʘ⁀
lstsᵘlstsʙj⊐ʟ ⨍∫tɑj⊐lzəj⊐dzc∫ɯj⊐dzʕ∫ʷ tsʟdzʘɯʘ⁀lsˀ ɯlsts d⨍j⊐əj⊐tɑtsʷlsdzsj⊐ fɲjsʘdzsəc∫lsfɲᵂ tɑj⊐ʘdzˀ dzˀ d⊐ʅ ts ətslsɯlsts
ʟʘətstɑʘɤc∫əʘ⁀lsˀ ʰ d⨍⁇ts c∫dzsj⊐dzfɲɠ⊐d⊐sfɲjsc∫ fɲjsc∫d⊐zdzðd⊐sɤ⊐j⊐lsəʳ ʟəʘlsᴵ
ʕtɑzd⨍⁇dzsd⊐ʘfɲʰ lsʘʙdzzᵍ tɑj⊐ʘʕɯc∫ᵍ .ʕlstslsd⊐j⊐⊐dzʕ∫ʟdʒ⊐d⨍⁇ts fɲ⨍tsj⊐d⊐zˀ ʜj⊐⁇fɲjsc∫ᵏ dzʘ⨍∫tsd⊐ʘ⁀dzʘ⁀j⊐lsfɲjstsd⨍-ʕtɑʘdzəʘ
d⨍⁇tsj⊐ʟʜj⊐: fɲjstsc∫lsdzc∫ʰ ˩ d⨍⁇tslsʷdzzlsᴵ ʟʘd⊐ʘdzˀ dzˀʕc∫⁇ tɑʳ ɯʘʕtsʕ⁀, ʕʘʕ tsɠtɑtsd⊐ʘdzˀ ⁇ d⊐⁇dzsɠ⁀tslstsdzdzˀ ⁇ fɲ⨍fɲjsʘ⁀
tsfɲjsʘdzʘ⁀dzc∫əʘ⁀j⊐lsfɲᵂ. ∫ tsʰ dzˀ ⁇ tslsəj⊐lsdzʘç⨍j⊐ɠʕtsj⊐ fɲɯzj⊐ʰ j⊐dzʕ∫j⊐ tɑʳ ɯʘʕtsʕʘè ð ˩ lstsc∫j⊐fɲjsᴵ ʟʘɠʘʜtsɯdzʘᵛ
ɠ⊐c∫⨍dzsfɲzlsɠ⊐fɲjsc∫ʷ.
ʀ ʟlzɯj⊐dzʕ∫j⊐ ɠ⊐c∫⨍dzsfɲjsd⊐⁀dzʘ⁀dʒʙlzdz∫ʟdʒʘ⨍tsʕʘʟʘdzs, ɯlsts ədzzʰ j⊐dzʕ∫j⊐dʒ⊐dzsɤ⊐dzs ədzʕ∫ʷlsᴵ, dzʘ⨍∫tɑc∫dzj⊐tɑ, dzʘ
lsjɯj⊐dzʕ∫j⊐ əj⊐ɠj⊐lsʘlsc∫ədzˀ ⊐ ⨍∫tɑtsɯj⊐fɲjɲtsə: əʳ ʟəʘlsᴵ lzfɲ⊐c∫⨍d⨍j⊐dzʕ∫dzsj⊐ ⨍∫tslstsdslsɤ⊐j⊐d⨍j⊐dzʕ∫j⊐, lzfɲʕtsɑc∫lsᴵ c∫dzc∫ ʟʘd⊐j⊐ʜdzc∫lsᴵ
tsʙdzj⊐dzzˀ j⊐ ⨍∫tɑtsɯj⊐fɲjɲ⁀, ʘʕlsc∫əc∫ʟc∫tɑtsəʘʘlsᴵ dʒʰ j⊐ɯdzzᵍ ʜj⊐ʷlsj⊐dzˀ dzsfɲjsᴵ, lzfɲʕtsɑc∫lsᴵ c∫dzc∫ ʟʘd⊐j⊐ʜdzc∫lsᴵ
tɑʘʙtslslz fɲjtɑʜɯʘ⁀c∫ʟd⊐j⊐-

[illegible]

[illegible] (1863–1930) [illegible]

[illegible] 1905, [illegible] 15).

[illegible] 1903, [illegible] 179–281).

[illegible] Revue de 1'hypnotisme [illegible] Zeitschrift Psychotherapie [illegible]

[illegible] 1920 [illegible] 17 [illegible] 1930 [illegible]

[illegible] 30 [illegible]

([illegible] 1915).

[illegible]

∫ ɑ[⊐Oɑ[ɑzz¸ ts≠ʷ ʷj ls

ʰ ɑ[j tɑj ʟlzɑz lsOɑsʳ , ʋ[stss ɘ ˩ lsts tslsǂOʟʳ ɘOɑzɑ[fʰ ɘj tɑɑ[lsᵘ . ɹ ʳ ɑzs ʃ tɑɑ[ɑzʷlsts tɑj ʰ j ɑzɑ[j ʃ tsɘlststɑɑ[lsᵘ tsʃʳ ls ɘ ʃ tɑɑ[fʰlzlsfʰjsɘɑ[ʃ tɑtsʷ j fʰfʰtstɑOɸ . ɹ tsɑzɑ[.

12 ɑʒOʷ 1885 ɢtsʜOɘ 11 ʋ[Ofʰtsɘ lzlstɑOʌ tsǂOᵘ tsɑzʟOɑʒOɢɑj lsɑ[ʟɑ[tɑts-ɘOɑzʕ ɑzɑ[ʟlz ɘ ʃ tɑɑ[fʰlzlsfʰjsɘɑ[∫ ˩ j ʙts, ɹ j tɑɑzɑj ǂ ɑʒO) ∫ ˩ j ɤ lzO) ɹ tsɑzɑ[ɑ[t j ɑz . ʂ ɑj ɘtsɑʒz ʃ ɑj ʋlz ʜj ɘlzʰ ʕɑ[ʃ tɑɑ[ɑzsɤ ɑ[ɑzɑ[ɘtsfʰj ɑʒʳ ʃ tsʋ[stsɘʳ ⊐ ɑʒOɑtsʕ, ʃ tsʕtɑʳ lsʳ ⊐ ʕɑj j ɑʒ ɘɑzzʰ ɑ[ɘ, ʋ[stss ʃ tɑɑ[ʕɑzOʜʳ ɘOᵘ ls ɑzOɑɑʳ ɘɑzsǂ ʃ ɑzOfʰjsʳ tɑᵘ . ʜ ʃ lzfʰjsʷ ɑj ǂtslststɑtsj ɘtɑj ɑʒʷ ɘtsʟɑzɑ[ʕ tsɤ tsɢ. ɪ tɑtslstsʕtsɑztʃ tsʜʃ ɑ[fʰjOɑz[: ɹ tsɑzɑ[, ɹ j tɑɑzɑj ǂ ɑʒ ∫ ˩ j ʙts, ∫ ˩ j ɤ lzO) ʜ ɑ[ɑʒtsɑz*, ∫ tstɑOɑzɑ[ʜtɑzɢɑ[j . ʜ tstsʙʰ j ɑzɑ[j tsʙ ˩ lstsɑʒ ˩ ʕfʰjʃ j tɑɑ[ɑj ɑzsj ʙʳ ɑzs tstʃ lzʙ ɑz[ʕtsɘOɑzs ɘ ɤ lzɑtɑzɑOɑj çLes Debatsè. ɪ tɑɑ[fʰlzlsfʰjsɘlzᵝ ʰ ɑ[j ɑzOᵘ lstsɑʒ tsʃʳ lsj ɘtɑOʋ[ɑ[ʃ tsɘlststɑɑ[ɑzɑ[j ɢts fʰjs fʰjtsɑ[ɑʒ[ʙtsɑz ɑzʒ ɑʒ[. ɾ j ǂfʰjsɘɑ[lsj ɑz ɑzɑs, ʕtsɤ Oʕtɑɑ[fʰjɑj ɑzO) ʃ lzLʳ tɑɑ[ɑzfʰ , LOsj ɑʒ ʃ tsʕtɑʳ ɘOɑzɑfʰ ʕtstɑtsʋ[ʕtsǂ , ʕOʕ ʃ tɑɑ[ʷ ɑ[Lɑʃʋjfʰʕɑ[⊐ tsɤ tsɢOʕ. 29 ɑ[ᵝ ɑz 1885 ɢtsʜOʃ tɑtsʷ j fʰfʰtstɑ ɹ tsɑzɑ[ʃ tɑj ʜʲ ʷɘɑ[ɑzᵘ lsɑ[ʷ Oʕlsʳ LOfʰjʜOɑzɑ[ᵝ ∫ ʙʰ j fʰjsɘOʷ ɑ[Lɑʃtsɑzsɢɑʃʋjfʰʕǂ ʃ fʰɑ[⊐tsɑzsɢɑ[ɑ[. ɾ ʃ tsfʰɑj ʜfʰjsɘtsʒɘɑzzʰ j ɑzɑ[ʷ,ð ɢtsɘtstɑɑ[ɑzɹ tsɑzɑ[,ð ɑʒsɤ j ls ʙʳ lsᵘ ɘʳ LɘOɑzs tslsʜj ɑj ɑzɑ[j ɑʒsʋ[ɑ[, ʃ tslsO) fʰɑjɸL, ɑʒsɑzsʕO) ʃ tɑɑ[ɑʒj ɑzfʰjstɑzOʋ[ɑ[ɑʒsɤ j ls tɑj ɢzɑzɑ[tɑtsɘOsᵘ fʰɤ ʃ tɑɑ[lstsʕ ʕtɑtsɘɑ[(ʙtsɑzʰ j ð ɑʒj ɑzʰ j); ɑʒsɤ ɑzs ʜOɤ j ɘʳ LɘOsᵘ fʰɑjɸLz ɑ[L tsʜɑzsɢts ɢɑzOLO ɔts j fʰjsᵘ ɑj ls ʷ ɑ[Lɑʃtsɑzsɢɑʃʋjfʰʕǂ ʷ lzɑzʕʋ[ɑ[, ʕtslststɑOʷ ɑj ʃ tsʜʋ[ɑ[ɑzʷɑzOfʰj ʙʳ ɢɑ[ʃɑzslsɑʃʋjfʰʕtsɑzɤ ɘɑzzʰ j ɑzɑ[ᵝ è (ɹ tsɑzɑ[, 1888, fʰ 40).

∫ ᵝ ʙtsʃʳ lsɑzsɢts Oʃlsj ʕOɑᵂ ʌ tsǂOᵘ tsɑzOLOʙtslsɑ[ɑzɘtsʃ tɑtsfʰ ɑj ɑz Lʷ ɑzɑ[fʰʋj ɑzOlsᵘ tsʙtɑOlsɑz ǂ tsʃʳ ls, lsts j fʰjsᵘ ɘtsfʰʃ tɑj ʃʷ lsfʰjsɘtsɘOsᵘ ʜj ǂ fʰjsɘɑ[ᵝ ɑzOɑɑʳ ɘɑzsɢts ɘj ʰ j fʰjsɘO, ɾ ɑzʷ fʰjstɑtsɢtsfʰjsɑ[tsʃʳ lsO)ʕlzfʰjsʕ ɑzOɑɑʳ ɘɑzsɢts ʃ ɑzOfʰjsʳ tɑʷ ʙʳ ɑzɑtɑOLʜj ɑj ɑzɑzOlsɑ[ʋ[Ofʰjsɑ[. ɪ j tɑɘOʷ ʋ[Ofʰjsᵘ ʙʳ ɑzOʃ tɑɑ[ɑzsɤ j ɑzOɑzOɑj ɘtsj ʃ tɑj ʜʃ ɑj ʋ[j ʕ ɑz[Lʳ , ɘlststɑOʷ ð ɑzOʃ tɑOɘtsj , lstɑj lsᵘ ʷ ð ɑzOɢtɑzʜᵘ tsʜɑzsɢts ɑʒsɑzsʜtsɢts ʋj ɑzsɘj ʕO) ʕtslststɑtsɑzʒ ʃ ts ʃ tɑj ʜʃ ɑ[fʰjɑzɑ[ᵝ ɑj ʋ[Oʰ j ɢts ɘtɑOʋ[Oɑj tsʙ⊐tsʜɑ[ɑʒs ʙʳ ɑzs ʃ tɑɑ[ɑzsɤ ɑ[lsᵘ ɑzOɑɑʳ ɘɑzsǂ ʃ ɑzOfʰjsʳ tɑᵘ . ɪ OɑʒOɢɑj lsɑ[ʟɑ[tɑtsɘO ʕ ɑzɑ[ʟlz ɑ[ʃ tɑɑ[ɑzsɤ ɑ[ɘ ʃ ɑzOfʰjsʳ tɑ[, ʌ tsǂOʰ tsɑzɘɑzzʰ ɑ[ɑzj ǂ , ʋ[stss ɑzOɑj ɘtsɑʒ ʃ tɑj ʜʃ ɑj ʋ[j ʕ ʃ ɑzOfʰjsʳ tɑᵘ , ɑj ʃ tɑtsɑ[ʟɘj ʜj ls ɑzɑ[ʕOʕtsɢts ʜj ǂ fʰjsɘɑ[ʷ. ʕ lsts fʰʋjzʋ[ɑ[ɑzsfʰ ɘ 10 ʋ[Ofʰjsɘ 25 ɑʒɑ[ɑzzls lzlstɑO ʏ lstsʙʳ fʰjsʙɑz fʰjsɑ[ʕtstɑtɑj ʕlsɑzsfʰjsᵘ ˩ ʕfʰʋj j tɑɑ[ɑʒj ɑzsO) ʕ ɑzɑ[ʟlz ʜts ɘtsfʰ ɑʒɑ[ʋ[Ofʰjsɘ ɘj ʋ[j tɑOɑzɑ[ɑzO ɑʒɑ[ɑzzlsz ɑj tsfʰjsɘɑzʷɑzɑ[tsʜɑzz. ɹ ɑzOʟɑzOʋj ɑzɑzʰ ǂ ʋ[OfʰjʃtsɘʷʟʕOʙʳ ɑzOfʰjsʷlsOʃtsfʰjʋj

* ʜ ɑ[ɑʒtsɑzɔj tsʜtstɕ (1873ð 1961) ð ʷ tɑOɑzʋ[lzʟfʰʕɑ[ǂ ʃ tɑfʰʋ[⊐tsɑzsɢ, ʃ tɑtsʷ j fʰfʰtstɕ ʕtsɑzʋj ʜɤ Oʟzʋ[ɑ[lsj ɑʋj ǂ ɘ ʜ ɑ[j ɑʋj , tɑzʕtsɘtsʜɑ[lsj ɑz ɹ j ʜOɢtsɢɑ[ʋj fʰʕtsǂ ɑzOɘtstɑOststɑɑ[ɑ[ɘ ɹ Oɑɑ[ɤ j . ʜ tsɘɑʒj fʰjsɑzs fʰʋɸ . ɹ ɑ[ɑʋj tɑOʟtɑOʙtslsOɑzʃ j tɑɘʳ ǂ lsj fʰjs ɑ[fʰfʰʋjʋj ʜtsɘOɑzɑ[ʷ ɑ[ɑzsj ɑzɑzj ʕlsO(1905).

t . ẘ tsdzʂ teOẘ ls -ʕ вʃdzɢ

ɹI ⊐Oɑᶜ ʕtsɔfŋʕtsʔ ʙtsdzˌdzɑʃuˌj ʃ ˌjˌʜqʃuqʃdɑʃŋʕtsɑʃtsʃtsʙʰ jˌfɳsɔOdzɑ⊐tsʜqʃdɑ:fŋ dzɑ:OqʃLdzˌuˌjˌdzɑʃqʃ ʃ Oɑdsɑ:Oʕ.ɭ Θ dzˌɔtsʔ tɑdzʕjˌ ʙtsdzˌdzɑsʔ tʃtɑtsʷjˌfɳɳstɑɾʕ.ʌ.ɹjˌdɑdzɑʃdzɑdzɑ:ʃqʃfŋɑ:dzʃjˌtɑtsdʒ fɳʃtsuˌjˌdzɑdzˌ dʒɔtsʜtsʔ,ˌjˌjˌqʃdʒʷ, ɔdɑdzʰ qʃɔ,ˌuʃstsˌtʃqʰ jˌlsdzɑ:Oɑᶜ ɔdzˌ dʒʕtsdzɑdzɑʜqʃjˌdzɑtsdzɔʳ ɔjˌfɳʃsqˈtʃtsfɳʃjˌzʜdzˌ ᵡ ʙlzʕɔlzˌfɳʃɑtsɔO,ʕO⊐ tʃjˌtɑɔʳ jˌ ʙlzʕɔʳ dzɑ:OɑʃqˈtɑjˌLʕtsˌtʃtɑtsʷɔdzʷlsᵘ fŋʷ,qˈɔ fɳʃɑjˌʜlzᵡ ʰ qʔ dʒʃsdʒjˌdzɑsɔtʃtsdzɑʃjˌ ʷfɳʃɑtsˌtʃtɑtsfɳʃslzʃqˈdɑts fɳʃɑtsɔts çʃ Oɑdsɑ:Oè,ˌfɳʃsfɳʃstsʷɔʰ jˌjˌqˈLˌtʃlzLʳ tɑᵘʕtsɔ.çʏjˌtɑjˌLˌuɑ:fŋɔtsfɳʃOɑjˌdzɑʃjˌ fɳʃOɑdzɑs,qˈLˌtʃlzLʳ tɑᵘʕtsɔ lzʰ jˌdz ɔtsʟʜlzˉè,ðˌ fɳʃstsʙʰ Oˌjˌlsɹjˌdzɑdzɑʃdzˌ(ɹtɑtslstsʕtsdzˌ.ʜɹʙ., 1902).

ɹdzɑ:dʒjˌdzɑʃlsʳ jˌ Oɔfɳʃstɑɾʃʔfŋʕqʃjˌ ʜjˌtɑɾʒOlstsdzɑsɑ:ʃqˈʂ.ʂtɑjˌʔʙqˈ⊐qˈɾ.ɾts-fɳɔOdzʜtʃtɑtsɔjˌdzɑʃtstʃʳ lsdzɑ:Ofɳɔtsjˌdʒ ʕtsdzɑjˌɑ:ˌ.ɹOɑ:ʃqʃtʃdzɑslsʃqˈʟOɹqʃqʃtsdzˌfɳʃstsʙʰ qʃdz,ˌuʃstsˌtsʰ lzʰ Gˌjˌls,ʙlzʜlstsˌlzˌdzˌjˌɑ:ʃtsˌtsɣˌtsGˉ.ʏjˌtɑjˌLˌtʃtsdzɹuˉOɳʃOtʃtsfɳʃjˌ ʜjˌɑ:ʃqʃtʃdzɑslsʃqˈʟOɹqʃqʃ tʃtsʷɔʃqdzɑʃfŋ ɬtɑʃlsjˌdʒʳ ,Odzɑ:Ofɳʃjˌʜlzᵡ ʰ qʔ ʜjˌdzˌ ð ʜɔOtʃlzLʳ tɑᵂ (Kreibich, 1906, tɑˌ 508).ɹOɑ:ʃqʃtʃdzɑslsʃqˈʟɑʃtɑsɔOdzɑdzɑsdzɑzˌ ð tʃtɑʃɔtsʜqˈlstʃdʒjˌtɑˌɭ.ɾ.ɹɔjˌʜjˌdzɑ:fŋʃqʔ ð dzɑ:Odzɑ:jˌlstsdʒtɑʃfɳzᵡ lsdzɑ:O tɑdzʕjˌ ɔtsfŋdʒjˌtɑˉʕlz qˈfɳʃstsʙʰ Oʸ ls:ç.ɹOdʒtʃtɑʃɣɑdzɑʃ tɑdzʕlzè.ɹfŋʕtstɑjˌ dzɑ:Oᵘ lstsdʒdʒjˌfɳʃsjˌ tɑOɔɔʃɔOˌlsfŋʷ ɔtsfɳʃOdzɑʃlsjˌdzˌdzˌʔtʃtɑtsuˌjˌfɳɳʕOɑ tɑOɔtʃtsdzɑʃdzɑʃqʃtʃtɑʃʕtsfɳdzɑsɔjˌdzɑʃʷ⊐tsdzɑsʜdzɑsɑɾtsdzɑ:OdzɑuˌjˌlsO:ʕtsɣˌj (ɹɔjˌʜjˌdzɑŋʕqʔ, 1954).

ɭ jˌɔtɑtstʃOlstsdzɑsɑɾɹ.ɭ.ʌqˈdzɑdʒjˌtʃtɑtsɔjˌdzɔ ʃ jˌdzɑʃdzɑʃtɑOʜjˌ fɳjˌtɑʃᵡ tstʃʳ lstsɔ fŋ32-dʒjˌlsdʒjˌʔ ɣˌjˌdzʰ qˈdzɑsʔ, fɳʃstɑOʜOɔʰ jˌʔ qʃfɳʃjˌtɑʃuˌjˌfŋʕtsʔ dʒjˌdʒʃslstsʔ.ɭ Θfɳʃqˈdzɑzʙtsdzˌdzɑsʔʙʳ dzOtʃtsdzjˌʰ jˌdzOdʒʃsdʒjˌlsO çʕlsOdʒʃsdʒjˌlsO tɑOfŋʕOdʒjˌdzɑ:è,ðˌ ɔdzɑʰ qˈdzʜOdʒjˌ ʌqˈdzɑdʒjˌ qˈɔʳ lɔOdzɑtʃtsʷɔdʒjˌdzɑʃjˌ tʃlzLʳ tɑʷ.ʏjˌtɑjˌL 24 uˉOfŋOtsɣtsɑɾ ʜjˌʔfɳʃsɔqˈlsjˌdzˌdzɑs tʃtsʷɔʃqdzɳʸ.ɾɔlzdʒʷ ɑtsʜOdʒɑʃ tʃtsLʜdʒjˌjˌ ʜ-tɑɹɭ.ɭ.ʌqˈdzɑdʒjˌ tʃtsɔlststɑʃqˈdzᵘʕfɳʃjˌtɑʃqˈdʒjˌdzɑs. ʀfɳʃʳ lszjˌdʒOʷ ʃ Oɑɑ:OɑʃqˈlsO:ɹ Ɔɔdzɑsɔdzɑ:O,ɭ.,35 dʒjˌls,ʕOfɳʃjˌdzʷdzʰ OfɳOdzɑ:lststɑʃqˈʷ,ʙʳ dzOtʃtɑjˌʕtɑOfɳɳdzɑsʔ fɳʃsdʒdzɑ:Oʒʃlzdzɑsʔ.ɭ Oɑtɑ:Odzɑʃuˌjˌ LˌOʜdʒjˌʔ tʃtsɔjˌtɑ⊐dzɑsfɳʃsqˈʰ jˌqˈqˈfɳʃʃqˈdzˌ qˈfɳʃʳ lszjˌdʒʃsʔ tʃtsdʒjˌfɳʃsqˈdzɑ ʙtɑtsdzɑ:tsɔlzᵡ ʜɔlz⊐ʕtstʃjˌjˌuˉdzɑzᵡ dʒʃsdʒjˌlslzˌqˈɔdzɑʰ qˈdzɑˌtʃtsʷɔdʒjˌdzɑʃjˌ tsɣtsɑGˉO.ɹfŋʕtstɑjˌ dzɑ:Olzʕ.OLOdzɑzɑsdʒjˌdʒjˌfɳʃsjˌ tsʙtɑˉOLtsɔOdzɑfɳʷ tʃlzLʳ tɑᵘ.ʕlstsls ɬʕfɳʃjˌtɑʃqˈdʒjˌdzɑs ʙʳ dzɑtʃtsɔlststɑʃqˈdzɔ tʃtɑʃqˈfɳzlsfɳʃɔqˈqˈtʃtɑtsʷjˌfɳɳstɑtsɔ ʂ.ʀ. ɬ dzɑ:OlstsdzɑsɔˉO,tsʜdzɑsɑ:ʃqˈʟOɹqʃdzɑ:OʃsjˌdzˌjˌʔtʃfɳqˉtslsjˌtɑˉOʃqˈqˈɔ ʈtsfɳɳqʃqˈ,ʃ.ɹ.ʏjˌtɑdzɑs-tɑdzɹuʕtsɑ:ʃqˈts,ʂ.ʀ. ɬtsɔOɑdzɑʃdzɑ:OqˈtɑᵂʜOʜtɑdzɑ:Gqˉ⊐,tɑjˌLzdzˌlsO:lsʙʳ dzlstslsls

*ɹlzfŋʃstsʔ ʕdzˌjˌʔʕqˈʔ tɑˉOfŋʃɔtstɑ:dzɑ:Ofɳʃzjˌfɳɳʃ fɳʃqˈtɑlsOqˈɬᵂqˈtɑˉO,lzʃtslstɑjˌʙdzʷjˌlsfŋʷɔ dzjˌʜqˈuqˈdʒjˌ,ᵂtslstsɑ:tɑˉOᵂqˈqˈ.

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(1900–1962)

(1928, с. 150–157).

(1928, с. 332–342).

ʃ qʔ⊐Oɑʃdzzɻ tsʔʷ̫ʲ jɻls

ɑʃdʑsjɻteɻjfɳɑʃʐ dʒəOʑɑʃQʑdʑstsdʒ ʙʳ dʑtsədʑʑʰ jɻdʑtsʃtsʷədɻjɻdʑɑʃɻjɻ tsʏɻtsGOlsOʔʏɻjɻ qʃ dʑOʑOʑdɻjɻfɳsjɻLɑʃtɑtsəOʑɑʑʑtsʔ ʃtɑOətsʔ dʑtsGɻj;qʃfɳʃʳ lsʐjɻdʒʳ ʔ dɻjɻ ɹʊʐəfɳksətsəOʑdzə lzʔOLOʑɑʑtsdʒdɻjɻfɳsjɻ dɑɑʃʔOʔtsʔ ʙtsdɑʃ,qʃədʑʑʰ jɻdɑɑʃɻjɻ dɻjɻ ʃtɑɑʃdɻjɻfɳʊtsdɑɑʃʔʔtsGtstɑɻLzdʐlsOksO)əlststɑɻjɻdʒʷ ʔʔOʔ dʑOʑdɻjɻətsʔ dʑtsGɻj ʃtsʷəɑʃdʑGfɳɹtɑɑʃlsɻjɻdʒO(lsOʊʒʏɻjɻ).

1 dʒO·ʏ ʜtsʔʔlststɑɻʜlzdʒʙOɻjəʃtɑɻjʜʃtɑɑʃdʑʷdzdʑtsəlzᵏ ʃtstʃʳ lsʔlz,LOʔʔtsdɑɹɻɑʃəʰ lzᵏ fɳʸ tsʙtɑOʊtsəOʊɑɑʃɻjɻdʒətsdɑʜʳ tɑɻjʔ.

ɹtsLʜdɻjɻjɻtsdʐtsfɳlʐʰ jɻfɳksəɑʃdzəɻɑʃʙɑʃtɑɑʃəlststɑdzᵏ fɳɻjtɑɑʃᵏ tstʃʳ lststə,əʔ⊐tsʜjɻʔtslststɑɾʔ⊐jɻdʒlzdɻjɻfɳʔtsdzʔtstɑOʟ lzʜOəOʊtsfɳ əʳ LəOksᵘ ʃtstsʷədɻjɻdɑɑʃɻjɻtslsjɻʔO,ədʑʑʰ Oʸ ɑʃfɳʃʳ lsʐjɻdʒtsdʒlz,ɹʊlststlzdɻjɻɑʃtstsʙdʒstɑtsʏɻjɻdzᵢ lzʰ ɑʃ.

ɻlzdʒʙOɻjəəʳ LʳəOʊlzfɳOʊʒʐ jɻtɑOʊdɑststsʙtɑOʊdzᵢ jɻʔtsʏɻdzᵢ jɻlstɑtsʷʷɑʃɹʊɻjɻfɳʔɑʃjɻtɑOʃɳɳlstɑtsʔfɳksəO çtsʏɻtsGɑʃɑʃè, çtslsdʒstɑtsʏɻjɻdɑɑʃʷè çtsfɳksɑɾʔtslsjɻʔè,çəʳ fɳʸ ʃtOʊdɑɑʃʷè,OlsOʔʏɻjɻ çtʃɑʃɑGdʒjɻdʑsOʊɹɑʃɑʃè.

ɻOʊɑOlststəfɳʔɑʃʔ ətɑOʊɹ.ɹ ɸ.ɹ GTlsɑʃOʊtɑtsə tstʃɑʃfɳOʊlzfɳɑʊzʊɑʃʔ ədʑʑʰ jɻdɑɑʃʷ ə GɑʃtʃdʑtsLjɻ dʒdɑɑʃɑʃdʒtsGtslzʜOʊɑO dɑOʊdɻjɻfɳjɻdɑɑʑtsGtstʃtslsʳ dzɻdɑtsʔ ʃtstsəjɻtɑ⊐dɑtsfɳksɑʃtʃtɑOətsGtstʃtɑɻjɻʜʃdɻjɻʊɹʷ.ʏjɻtɑɻjLdɻjɻfɳʔtsdzʔtstʊɑfɳtsədɑOʊlstsdʒ dʒjɻfɳksjɻətsLdɑɑʃʔʔtɑtsətstʃtsʜlsjɻʔ.ɭ Oʙdzʸʜjɻdɑɑʃɻjɻtʃtɑtsətsʜɑʃdɑtsfɳəʔ⊐ɑʃtɑdzʊɑɑʃɑʃʔjɻʔtsʔʔɑdzɑʃɑʃʔjɻɻʊOʊɑOlststəfɳʔtsGtstsdʒjɻʜɑʃʊɑʃdɑfɳʔtsGtstsɑʃdɑfɳksɑʃlsdzlsOəʃtɑɑʃfɳjɻlsfɳksəɑʃɑʃtʃtɑɑtsʷʷjɻfɳɳtstɑOʂtɑOʊLjɻ(ɹGTlsɑʃOɑtsə,1928).

ʃtsʏɻdɑɑtsʃtɑɑʃəjɻfɳksɑʃdɻjɻdʒOʊdɑtsfɳTtsʜdzʔ⊐ʃtɑɑʃdʒjɻtɑtsə,dɑɑtsGtɑOʊdɑɑʃʊɑʃdʒfɳʸjɻʰjɻtsʜdɑɑʃdʒ⌈dɻjɻʃtɑɑtsʃjɻlstɑtsəfɳʔɑʃʔLʊzʙdɑɑtsʔətɑOʊɹ⌈.ɸ.ʊdʒʃtɑdɑɑtsə,ʃtɑɑʃdɑɑsʏɑʃədʒʊɑʃdʒtsGtɑOfɳʔOdɻjɻdɑʊdzᵏ ʃʃʊzGtsəɑʃʊlz,ədʑʑʰ ɑʃdzdɻjɻʊɑʃəʰ jɻʔfɳʸlzdɻjɻGtsʜjɻəʷlsdɑOʜʊOlsɑʃdɻjɻlsdɻjɻʔ ʔlzʔOɑʔjɻ,ɹʊlststəfɳʔtstɑjɻəəjɻtʔ⊐dɻjɻʔ ʊGfɳksɑʃtɑzʔɑʃʃtsʷəɑʃlsfɳʸtsʏɻtsG.ɭΘ fɳɳjɻʜlzᵏ ʰ ɑʃʔʜjɻdzᵢ lzdɻjɻʜjɻʔfɳksəɑʃlsjɻdzᵢdɑɑtsʃtsʷəɑʃdɑtsfɳʔtɑOfɳɳtslsfɳɳtsjɻdɑɑʃɻjɻdʒʊʃtɑʃɑjɻʃʷlsdɑtsfɳtslsfɳɳtsjɻdɑɑʃɻjɻdʒʊʃtɑʃɑjɻʃɳɳʔ ʔOʔəʳ wfɳɳɑʃdɑtsfɳ,tsdzəətsfɳfɳksOdɑtsəɑʃdzədɑʑʰ jɻdɑɑʃɻjɻdʒlstslstsʏɻtsG,ʔtslststɑɾʔ tsdɑOtɑOdɻjɻjɻʃjɻtɑɻjɻdɻjɻfɳɳOdɑOʊlstsdʒ dʒjɻfɳksjɻ(ʊdʒʃtɑdɑɑtsə,1917).

tɻjɻOʑdzdɑtsfɳksʰ ətsLdɑɑʃʔOʸ ʰ qʃ⊐ʃtsfɳɳdɻjɻ fɳɳtslsəjɻlsfɳksəlzᵏ ʰ qʃ⊐GɑʃtʃdɑtsfɳtsdʒdɑOʊdʒʙlzdɑɑʃɻjɻfɳʔɑʃ⊐ɑʃdzʰ jɻdɑɑʃʔ tsʏɻtsGɑtsə,ətsdɑɹʳ tɑɻjʔ,ʃtlzLʳ tɑɻjʔ LOfɳɳɑʃʜɻjɻlsjɻdzᵢfɳksətsəOʑdɑOʊdʒʊɑtsGɑʃdʒʃ qʃLəjɻfɳksdzᵢ dʒʃ lzɹɻjɻdzᵢ dʒʃ(tsʙLtstɑ dɑʃlsjɻtɑOʊlzʊtɑɾ,fɳʷLOʑdɑtsʔ fɳəʳ Lʳ əOʑdɑɑʃɻjɻdʒtsʏɻtsGɑtsə,ʃtɑɑʃəjɻʜjɻdzᵢX.⌈Oʑdɑɑjɻtɑɾ(Dunbar,1935),ɸ.ʃ. ɭjɻʔɹɻjɻdzᵢ⊐tsʷ̫ʲ jɻtɑɾ(Weitzenhoffer,1953),ʃtɑtsʜtsdɑɹʏOksᵘ dɻjɻʙlzʜjɻdʒ).ʀdʑsjɻteɻjfɳʊtsʜtɑzɑGtsjɻ.

ʔʔfɳʃjɻtɑɑʃdɻjɻdʑsʳ fɳədʑʑʰ jɻdɑɑʃɻjɻdʒtsʏɻtsGOʃtsʔOʟʳ əOʸ ls,ɹʊlststʜjɻʔfɳksəɑʃjɻədʑʑʰ jɻdɑɑʃʷ LOkstɑOʊɑʃəOʊjɻlsdɻjɻ lststdzʔtsdʒtslststɑdzᵢjɻɑʃfɳjɻdzᵢfɳtstɑdzᵢjɻʷ̫ʲlzdɑʔɹʊlɑʃɑ,dɑɑlsOʔʏɻjɻɑʃfɳtsdʒOksɑʃɹʊɻjɻfɳʔɑʃjɻ(dɻjɻʔtɑtsəjɻɠjɻlsOksɑʃədzᵢjɻ) ʃtɑtsɹʊɻjɻfɳɳ,dɑʔʔtslststɑɾjɻɹʊɻjɻdɑstɑOʊzdɑOʸ dɻjɻtɑədɑOʸ fɳɠfɳksjɻdʒOtsʙʳ ɹʊdɑɑtsʔʔOʟʳ əOʊjɻlstɑGtɑOʊdɑɑʃɹʊɻjɻdɑɑtsjɻ ədʑʑʷdɑɑʃjɻ.ʊOʔʔ,dɑʔOʃtɑɑʃdʒjɻtɑɾ,ədʑʑʰ jɻdɑɑʃɻjɻtsʏɻtsGOʃtɑtsətsɹʊɑʃtɑɑzjɻlslsʔOʊɻəʳ jɻɑʃLdʒjɻdɻjɻdɑɑʃʷ,ʔtslststɑɾjɻtsʙʳ ɹʊdɑɑtsətsLdɑɑʃʔOʸ lslstsdzʔtsətsls-

ʃ ɑ̃ɔ̃ɑʃɑzz, tsʔʷʲls

ɑʒi ɑ̃ɑʒjʲls fɳɡ̃ɑz tʃtɛʷɑʒsɕ̃ts нjʔfɳʃəɑ̃ʷ, ɔ̃tslsʷɻlsts ɑʒɸ fɳʃ̃ɑʒtʃjɑz, ɑʒɸ ɔ̃ɑ̃ɑʒʃuɻ̃fɳʃ̃tsjəjʰ jfɳʃəts, ʃ̃tslststɛʳ jətsLнjʔfɳʃəlzᵍ lsɑ̃ʙjʟɑʒʲ jɕ̃tslzu(ɔfɳʃsɑ̃ʷ. ʃtsfɳʃtɛɑ̃ʃɑzɑ̃ʃɑʒɔʷfɳ ʃ̃ɔɸ uʃzəfɳʃəjɑzɑzɔʷtɛjɔʒzɑzɑsfɳʃʲ, əɑʒzʰ jɑzʃjfɳʃɔʒzəɑ̃lsfɳʷɑʒɔlsjɑtɛɑ̃ʃɔʒzɑzʔfɳɡ̃ɑzʔətsLнjʔfɳʃəɑ̃ʷɑʒɔlsjɑʒfɳɡʒ jʷlzɑʃɸuɑ̃ɑ̃ʃtstɛɕɔʒzɑzʃɑ̃ɑ̃ʃɑʒɔ, tʃtsɑzɑzsfɳʃʲʁ tʃtsнuɑ̃ɑʒʷʷɑ̃ɔ̃fɳjʙj.ʃlsʃ̃lzнɔɻjlzɑʒɕ̃tslsɔ̃ʃ̃ʷfɳɡ̃ɑʒʔ

ɻtsfɳɡjнfɳʃətsɑʒəɑʒʰ jɑzɑ̃ʷəɕ̃ɑ̃ʃtʃɑzsfɳʃsɑʒɑʒɔʒʙlzɑzɑ̃ʃʟɑʒj ɑʒtsɻɑzsəʳ ləɔ̃ʟsʲ ɑʒɸ lststɑzʃ̃tsts ɻɑ̃tsɕ̃, ɑzsɑ̃ʃəʳ нjɑʒɸɑzɑ̃jʃ̃ʇɑtsəɑ̃.ʃtslsɑzsʰ jɑzɑ̃ɑ̃ʃtʃsfɳɡjнɑʒɸʔətsLɑʒtsɻɑzsfɳʃsɑ̃ʃəʳ fɳʃ̃ɔʟɔɑzɑ̃ʃfɳɔɑʒzəsɕ̃ɑ̃jɔ̃ɑlststɛʳ.

ɭɔʃtɛɑ̃ʃɑʒjtɛs, ɸtɛəlsɑ̃ʃɕ̃ɔɑzɔ̃fɳɑ̃ʃtjʔɑʒsɑzʙfɳʃtstsʙʰɑ̃ʃɑzɑ̃ʃɡɳɡzuɔʔ, tʃtɛətsɑ̃ʃfɳʰjнʰɑ̃ʔfɳ22-ɑʒjlsɑʒɸʔɻjɑzᵇɑ̃ʃɑzsʔ, ʃ̃tslststɛɔʷtʃɑzʃ̃ɔɑzɔ̃ʃ̃tɛətsəɔəʳɑʒɑ̃ʃfɳɡjʟɔɑʒʃ̃, ɔɑ̃ɔ̃ʃ̃tsɑzɸjɕ̃ɔʃjtɛətsɑzɻtɛɑ̃tʃtsɑʒsʰɑ̃ɔəɑzʰjɑzɑ̃ʷfɳɡ̃tɛətsətsuɑ̃tɛətsɔɑzʃ̃tɛətsɔəʳʔtʃtslsɑzɔtɛɑzʃ̃jɑ̃fɳɡʳlszjɑʒsʔ.

ʀfɳʃststɛɑ̃tsɕ̃tɛɔʷɕ̃ɑ̃ʃtʃɑzsʟɔ)ɑ̃ʟəjfɳʃsɑzʔʙjtɛɑzɑ̃ɑzɑ̃ʃʃɑ̃ʔɑʒjətɛststʃɔstsɑzsɕ̃ɑ̃tʃfɳɡ̃ɔɑ̃ʃɔstɛɸɑzʙjtɛɑsʃtsɑzɑzʔ (1862 ð 1939), tɛɔfɳɑ̃ʃʃɔʟʳəɔ̃jls, uɻststʃtɛətsʷjfɳɑ̃ɑ̃ʃtɛzɥɔɛʃ̃tsəʳləɔ̃ɑzɑ̃ʒfɳʃsɑzɑsjtɛɔfɳɑ̃ʃstɛətsʔfɳʃəts ʃ̃tɛətsətstsʙtɛɔʰjɑzɑ̃ʷ.

ʃlsjuɻjɑzɑ̃jɑʒɸfɳʃ̃tsɑzʃ̃ɑ̃ʃɔ̃ɑʒнɑʒɸʔ, əɑʒzʰ ɔʷ, uɻststʃtɛɔəɔʷtɛɑzʃ̃ɔʟɔɑ̃ɕ̃ʃtʃɑzslsɑ̃ʟɑ̃tɛətsəɔ̃ɑzɑzsɕ̃tsɑzɔəʙlzɔ̃ɕ̃ɔjls, fɳʃsɔ̃ɑzɑ̃ʃɔɑ̃ʃɔ̃ɑ̃ʃfɳʃʲlsəjtɛнtsʔ, ʙɔɑ̃tɛətsətsʔɑ̃ʃɔ̃ɑ̃ʃtsʔ, ɑ̃ʃɔ̃ɑ̃ʃtsʔ, tsɑzнtsʙɑ̃ʃɑzɑ̃ʃfɳʃʲ, uɻststɛɑzʃ̃ɔнjʔfɳʃəɑ̃ʃɑ̃ʃlsjɑzɑ̃ɑzɑ̃ʃfɳʃsɔ̃ɑzʙtsɑzʰjɑʒɸətsʔ, fɳɻjɑzɔɑzɔ̃fɳʃlsəjtɛнtsʔ, ʙɔɑ̃tɛətsətsʔɑ̃ʃlsjɑʒʃjtɛɔɔlsztɛɔʃtʃtsɑzɑ̃ʃʟɑ̃ʃɑzɔ̃fɳʃtʃtsuɻsɑ̃ʃɑzɔɔlstɛɑ̃ʃɡɑ̃tɛɔнlzfɳɸ(ʃtsɑzɑz, 1909).

ʃtɛɔ̃uɑ̃ʃɸ.ʃtsɑzɑzɑ̃ʃʃ.ʌtstɛjɑzəfɳɻɑ̃ʃlsɔɑzjɑzʃɑ̃ʃɑzɑzlsʳəʳlʳəɔɑzɑ̃ʃɑ̃ʃɑzɑ̃, ɑzɔlsʙtstɛɑslsʃtʃtɛjʃ̃tɛɔʃʲɑ̃ɔ̃ɑzɑ̃ʃɑʒfɳʃʷuɑzjɑzlzxjɑzʰɑ̃ʃɑzɑ̃ɻujɑzʒtʃtsнlsəjtɛɔʏнɔɑzɑ̃ʃəɑzɑ̃ʃʷɑzɑ̃ʃjʃfɳɡ̃ɑ̃ʃʃɑ̃ʔɑzɔʲɑztsʃ̃tɛɑ̃ʃɑzɑzɑzᵍfɳɡ̃ʃfɳʃjɑʒzɔ. ʃçʃjнɑ̃ʃuɑ̃ʃɑzɑ̃ʃʃtsɑʒtsʙtsLtɛjɑzɑ̃ʃɑ̃ʃè¯10 lɔ1887ɡ̃tsнtslsjuɻfɳʃəjɑzɑzʔtʃfɳɡ̃ɑ̃ʃɔstɕ̃ʌ.ɻ.ʂtsɑzfɳʃ̃ɑ̃ʃʔfɳʃststʙʰɔjlsfɳɡzuɔʔəɑzʰjɑzɑ̃ʷɑʒjfɳʃʷuɑzɔ̃.ɻfɳɡ̃ɑ̃ʃtsɑʒjətɛətsɑzsɡ̃ɸ.ɸ.ʂtɛᵍɑzɑuɻjɑzʃtɛɑ̃ʃətsнɑ̃ʃlsɑ̃ʃfɳʃʷɑ̃ɔ̃ɑzɑ̃ʃɑʒɸʔɻjɑzɑ̃ʷɑʒɔlsjɑʒɸʔɻjɑzɑ̃ʷɑzɔfɳʃəjɑ̃ʃɑzɑ̃ʃʃʲ ʃ̃tɛətsəɑ̃ʃ(ʂtɛᵍɑzɑuɻjɑzɑ̃, 1932).

ɻtsнɔɑzɑzʒɻʲjɑ̃ʃɔrɔɑʒɸ, lzjɑ̃tsʙtsɑzɑzʔɑ̃ʃtsʟʳəuɑ̃ʃfɳɡjнɑ̃ʃɑzɡ̃ɑ̃ʃɔ̃ɑʒʃʃtsɑʒssʙʳəɔɑzɑ̃ʃнɑzɑ̃ʃlsjɑzɑzɑzjɑʒɔ̃ɑʒlstsuɑzjʃ̃ɑ̃tsəstslsjuɻjɑzɑ̃ʃʷ, ʃ̃tslststɛʳjɑʒɑ̃ʃɑzɑzɔʒzɑʒɸɑzlzнɔəɔɑzɑzsfɳʃtsfɳʃsɔɑzsəɑ̃ʃlsʲtʃtɛʷɑ̃ʃʒɑ̃ʒəɑzʰjɑzɑ̃ʃjɑzɑ̃ʃjɑ̃ʒlstsjʃfɳʃsʲtʃtɛətsfɳʃsʳɑ̃ʒʟɔʃtɛjʰjɑzɑ̃ʃjɑ̃ʒl ɔ̃ɕtsнʷfɳʃəɡ̃ɑ̃ʃtsfɳʃsɑ̃ʃɔ̃ɑʒʃʃɑzɑ̃ʃʟɑ̃ʃɑ̃ʃɔ̃ɑʒʃʃɑzɑ̃ʃʟɑ̃ʃɑ̃ʃɔ̃ɑʒʃʃ, tsɑzɔtɛɔfɳʃʃʃɔʟɔɑzɔʃɑ̃ʒzɑ̃ʃ, uɻststsнɑzɔɻнʳtsfɳʃsɔɑzsəɑ̃ʃɑzɔʃʃɔʃʃɑzɑ̃ʃʃʃ, ʃtɛətsɑ̃ʃzətɛɔfɳʃətstɕ̃ɻtɛɑ̃tslsɑ̃ʃɑzɔçʍtstɛətsʰts,ðfɳʃʃɔʟɔɑzʳɔɑzɸ,ðʃɔɻнʳjнəɔuɔfɳɔəʳʙlzнjlsjʃtɛɑ̃ʃɑzɑ̃ʃɑzɑ̃ʃɑz

[illegible] (1913, [illegible] 252).

[illegible] «Wie [illegible] Klinische Kundschau» [illegible] 13 [illegible] 1905 [illegible] 60 [illegible]

[illegible]*. [illegible] 6 [illegible] 35- [illegible] (Liebeault, 1891).

[illegible] (Liebeault Ambroise-Auguste, 1823–1904), [illegible]

[illegible] 1866 [illegible] 25- [illegible] 7500 [illegible]

* [illegible] 6 [illegible].

[illegible]

[illegible] 19 [illegible]

[illegible]

[illegible] 82 [illegible] 17 [illegible] 1904 [illegible]

[illegible]

[illegible] (Auguste Felix Voisin, 1829ð 1898) [illegible]

[illegible] 3 [illegible]

" [illegible] 2004, [illegible] 287.

ʃ ɕ⊐ʘɕɗzz˛ ʦʔʷʷɻls

fɲlsɻɗʒʞɻ taɻ lƶɗƶ lsʘlstsɗʒ ʀ ʕtɑtsəᴵ ɕʟ ɗɑsfɳʘɕɗ ɗʘtɑƶʕɻ ʧʃʦʷəɗʷɗɑʘfɳ ʙɻʟ ʷʷ ɕʟɕɗ˄ɻfʕtsɕ̈ʦ ʧʃʦətaɻʞɻɦɻɗɑɕʷ, Θ ʙɗʘɕ̈ʦsʜʘtɑʷ tsʜɗɑsʔ lstsɗƶʕʦ əɗƶʰ ɻɗɑɑsʔ ɕʃɦɻɻ (ʧfɳɕ⊐ɕ˄ɻfʕtsɗʒƶ ətsʟɦɻʔfɳsəɕᵍ). ɻ tɑɕɗɕɻ˄ɕʘlsɻɗƶɗɑs, ˄lstsʦʜɗɑʘɻʜʳ , ʕtsɕ̈ʜΘ∫ ƶɕ̈ʙʳ ɗƶʧʃtsɕ̈tɑƶʞɻɻɗƶə ɕ̈ɕ̈ʧɗɑsfɳtsɗʒɗʘɗʒʙƶɗɑ˄ɕɗʒəəɕʃʜƶɻɻɗ̈ʦ ʧʃtsfɳlstsʷɗɑɑsʔ ʙɻ fɳɳtsɗɑɑɕ̈˄ɕʳ , ƶɻɗɑ̈ɕ̈ʦ ʧʃtɑtsɕ̈ʟətsɗƶ ɗɑs ʧʃtɑtsʷəɕ̈ɗɑɕ̈fɳ əfɳɻ taɻ ʟƶɗƶ lsʘlsʳ ʧʃtaɻ ʜʳ ʜƶʰ ɕ⊐ tstʃʳ lstsə. ʊɢʕ, ɗʘɻɻ ɗʘɻ ɕ̈ʦ tɑƶʕɻ ʧʃʦʷəɕ̈ɗʘɕ̈fɳ ʙƶʕɑəΘ.l , ʧʃtsʕtɕʳ lsΘʸ ʕtɑtsəᴶ ᵍ , ɗʘlstsɗʒɗʒɻfɳsɻ, ɢʜɻ tsɗʘʙʳ ɗʘəɗƶʰ ɻɗʘɻɗʒz lΟʜəΟʜɗƶʷ ʜts ᶩ lstsɢʦ ətaɻ ɗʒɻɗɑ[. ʕ lsΟʙƶʕɑəΟ.l , ɗɻɗ ərᵛ ləΟɗƶɗʘʸ əɗƶʰ ɻɗɑʃɻɗʒ ʧʃʦʷəɗʷɗʘɕ̈fɳ ɻʰ ɻ ʜəΟɻ ʜʳ .

ɻ tɑtsʷʷɻ fɳɳstɕʌ tstaɻ ɗƶ ʧʃɻtaɻ ʜΘɻ ls tɑΟɕ̈fɳɳʕΟ ʜ-tɑΟʕ ɗʒʃɗʷ ʃ tstɑΟɗʘ) tstɑʜɕ̈ɗƶlststɑΟ˄ɻɻ ɗƶstɑΟɗƶ ɗƶsʔ ʙtsɗƶ ɗɑʃ˄ʳ ʜɗʷ ʧʃtaɻ fɳsƶtʃɗɑʃʕtsə ə ɻ Θɕ̈ɑʃʞɻɻ. l 1878 ɢʦsʜƶ fɳsƶʜɻɗƶs-ɗʒɻ ʜɕ̈ʃʕ lΟɢɕ̈ʧɗɑslsʃʟɕ̈tɑtsəΟɗƶlΟʙɻtaɻ ɗʒɻ ɗɑɻəʰ ƶᵍ tsls ɗɑɻɢʦs ʕƶlɕ̈ʃɗƶz. ɻ tsfɳʕtsɗƶʕƶ tsɗƶɗɑɻ ɗʒtsɢ ɗʘɗɑɻʔ ʞɻɻɗɑʃlsᴶ fʷ, lsts əɗƶʰ ɕ̈ɗƶɻʔ fɳʃɗʒʧ lstsɗʒ əʳ ʕɕ̈ʜʳ ʰ Θ, ʕtslstɕʳ ɻ ʜtsɗɑɻ ɗƶ ʧʃtɑtsɕ̈ʟtsʔlsɕ̈ʕ tstʃtaɻ ʜɻ ɗɑɻɗɑsɗʒz ˄Θfɳƶ. l ʳ ʕɕ̈ʜʳ ʰ ʜɻʔfɳsəɕ̈lsɻ ɗƶ ɗɑs ʧʃtɑtsɕ̈ʟtsʰ ɻ ɗƶ lstsɑ˄ɗɑs əts əɗƶʰ ɻ ɗɑɑsɻ ətaɻ ɗʒʷ.

l tsʟɦɻʔfɳsəɕ̈ɻ ɗɻɗɑtɕəɗɑs-ʧʃfɳɕ⊐ɕ˄ɻɻ fɳɕ⊐ʷʷΟʕlststɑtsə ɗƶΟʕtɑtsətslsɻɻɻ ɗɑɕ̈ɻ fɳsfɳsΟəɗʷɻ ls tsfɳsʙƶᵍ ɕ̈ ɗɻɗɕ̈fɳɳɗɻɗɻʜtsəΟ˄ɗɑɗƶᵍ ɢɗƶΟəƶ ɕ̈fɳststɑɕ̈ɕ̈ɗɻ ɗʒɻ ʜɕ̈ɑɻɕ̈ɗɻɗƶ . ʜ ƶʰ ɻ fɳsəƶɻ ls tsʙʰ ɕ̈tɑɗƶΟʸ ɗɑɕ̈ls ɻ tɑΟsƶtɑΟts ʕtɑtsətʧʃtsʜlsɻ ʕΟ⊐ ɕ̈ ʜtɑɗƶɢɕ̈⊐ əɕ̈ʜΟ⊐ ʕtɑtsətslsɻ ɻɻ ɗɑɕ̈ʔ, əʳ ləΟɗƶɗƶ ⊐ əɗƶʰ ɻ ɗɑɕ̈ɻ ɗʒɕ̈ɗɑɕ̈ fɳʧʃtsɗƶsΟɗƶɗƶs ətsLɗɑʃʕʰ ɕ̈⊐ ƶ ɕ̈fɳsɻ tɑɕ̈ʃʕtsə. ʃ ᵍ ɗƶ⊐ɻ ɗƶfʕɕ̈ʔ ətɑΟɥ[ƶʜtsɗƶʷʷ z˛ ɕ̈ɗƶʜɗɻtɕfɳsfɳsΟəɕ̈ɗztsʙLtstɕɗɑʃlsɻtɑΟsƶtɑʳ , ʧʃtsfɳᵍʷʰ ɻ ɗɑɑsʔ ᶩ lstsɗʒƶ ətsʧʃtɑtsfɳƶ, ɕ̈ ɕ̈ʟɗɑsʞɕ̈ɗzfɳtsɕ̈ fɳtsʙfɳsəɻ ɗɑɕ̈ƶ ɻ ɗʘɑɗƶ ʜɻ ɗɑɕ̈ʷ ə ɗɻɑʙtsɗƶʰ tsʔ ʕɗɑʃʞʕɻ çɭ ɻ tɑəɗʘʸ fɳʃɕ̈fɳsɻ ɗʒΟɕ̈ fɳʧʃtsɗɑsΟɑɗɑsɻ ʕtɑtsətslsɻ ɻɻ ɗɑɕ̈ɻ è (1927).

ʊɻ tɑɕ̈ɗʒstaɻ ɢƶɗƶʷɻɕ̈ʃʷ

ʂ Οʕɕʃɕ̈ɗʒɕ̈ʞɻ ətsʟɗʒsʞɻ ɗɑsfɳʃʷɗʒʃ ə tsʙɗʘɕ̈fɳsɕ̈ lsɻ tɑɕ̈ɗʒstaɻ ɢƶɗƶʷɻɕ̈ʃ ɕ̈ tstɑɢΟɗɑʃʟɗʒΟtsʙɗʘʜΘɻ ls ɢɕ̈ʃʧʃɗɑsfɳɗƶɢɢɻ fɳʃsɕ̈ʷ, ʧʃtsʕΟʟʳ əΟʸ ls ᶩ ʕfɳʧɻ tɑɕ̈ʃɗʒɗɑsʳ ʂ tɑΟʷʷlsΟʕ ʙɕ̈ʃɗƶɢΟ Θəlststɑ˄lstaɻ ⊐lstsɗʒɗɑsɢtsçʊ ɻɻ ʙɗɑʃʕΟʧʃts ʧʃɳɕ⊐ɕ̈Θstɑɕ̈ʃè, ʜɕ̈ʧtaɻ ʕlststɑΟʌ ɻ ɗƶʜ⊐tsʷʷ fɳʕtsɢtsʧʃtɑɕ̈ᵍ lsΟʜɗʷ ƶɗʒΟɗƶɕ̈ʰ ɻ ɗɑƶƶ ⊐. l ɗɑɕ̈ʷɗɑʃɻ ʧʃfɳɕ⊐ɕ̈˄ɻɻ fɳʕtsɕ̈ʔ ɕ̈ʧʃtɑΟʕlsɕ̈˄ɻɻ fɳʕtsɕ̈ʔ ɕ̈ɗɑsɻ taɻ fɳɻ ʏ lstsʙʳ ʧʃtɑtsʷfɳɗƶʃlsᴶ ᶩ lstslsətsʧʃtɑtsfɳɻtsɗƶʧʃtɑtsʜtsɗƶɻɕ̈ɗƶᶩ ʕfɳʧɻ tɑɕ̈ʃɗʒɻɗɑs fɳʀ tɑɗʒʦʔ, əʳ lʳ əΟʸ ƶ ɗɻɗɻɻ ə lΟɗƶΟ

[illegible] 21 [illegible] 37Á [illegible] 21 [illegible] 36,9", [illegible] 37,4Á [illegible] 22- [illegible] 37,1Á [illegible] 37Á [illegible] 23- [illegible] 37Á [illegible] 37Á [illegible] 24- [illegible] 37Á

[illegible] 36Á [illegible] 36Á [illegible] 36Á [illegible] 36,1Á [illegible], 1889).

18 [illegible] 1884 [illegible] * [illegible] 70 [illegible] 37,6Á [illegible] 38Á [illegible] 39,2Á [illegible]

[illegible] (1889). [illegible] 34,5Á ([illegible], 1929).

[illegible] (Kohnstamm, Eichelberg, 1921).

[illegible]

* [illegible]

** [illegible] (1847– 1924), [illegible] 1903 [illegible]

[illegible] 20–30% (Gessler, Hansen, 1927).

[illegible] (1928) [illegible] (1936) [illegible] 1957). [illegible]

[illegible] (1878–1969), [illegible] (1930, 1957, 1962), [illegible]

Ідеї Платона, Аристотеля, Августина, Фоми Аквінського, Ніколая Кузанського, Джордано Бруно, Ніколая Коперніка, Франсіса Бекона, Рене Декарта, Баруха Спінози, Ґотфріда Лейбніца, Ісаака Ньютона, Джорджа Берклі, Давида Юма, Іммануїла Канта, Ґеорґа Гегеля, Артура Шопенгавера, Сьорена Кіркеґора, Карла Маркса, Фрідріха Ніцше, Зиґмунда Фройда, Альберта Айнштайна, Макса Планка, Нільса Бора, Вернера Гайзенберґа, Ервіна Шредінґера, Макса Борна, Поля Дірака, Вольфґанґа Паулі, Луї де Бройля, Карла Поппера, Людвіґа Вітґенштайна, Мартина Гайдеґера, Жана-Поля Сартра, Альбера Камю, Мішеля Фуко, Жака Дерріда, Жиля Дельоза, Фелікса Ґваттарі, Юліа Кристевої, Жана Бодріяра, Жана-Франсуа Ліотара, Юрґена Габермаса, Ноама Хомскі, Ентоні Ґідденса, Ульріха Бека, Зиґмунда Баумана, Славоя Жижека, Джудіт Батлер, Мартги Нуссбаум, Ерика Гобсбаума, Ніла Фергюсона, Стівена Пінкера, Річарда Докінза, Ґреґорі Бейтсона, Ґреґорі Чейтіна, Ґреґорі Перельмана, Ґреґорі Кліма, Ґреґорі Гаусса, Ґреґорі Мендела, Ґреґорі Хауса, Ґреґорі Пека, Ґреґорі Сміта, Ґреґорі Ґудвіна, Ґреґорі Ґарфілда, Ґреґорі Ґаррісона, Ґреґорі Ґаррісона-молодшого, Ґреґорі Ґаррісона-старшого, Ґреґорі Ґаррісона-середнього, Ґреґорі Ґаррісона-молодшого-молодшого, Ґреґорі Ґаррісона-старшого-старшого, Ґреґорі Ґаррісона-середнього-середнього, Ґреґорі Ґаррісона-молодшого-молодшого-молодшого, Ґреґорі Ґаррісона-старшого-старшого-старшого, Ґреґорі Ґаррісона-середнього-середнього-середнього, Ґреґорі Ґаррісона-молодшого-молодшого-молодшого-молодшого, Ґреґорі Ґаррісона-старшого-старшого-старшого-старшого, Ґреґорі Ґаррісона-середнього-середнього-середнього-середнього, Ґреґорі Ґаррісона-молодшого-молодшого-молодшого-молодшого-молодшого, Ґреґорі Ґаррісона-старшого-старшого-старшого-старшого-старшого, Ґреґорі Ґаррісона-середнього-середнього-середнього-середнього-середнього, Ґреґорі Ґаррісона-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого, Ґреґорі Ґаррісона-старшого-старшого-старшого-старшого-старшого-старшого, Ґреґорі Ґаррісона-середнього-середнього-середнього-середнього-середнього-середнього, Ґреґорі Ґаррісона-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого, Ґреґорі Ґаррісона-старшого-старшого-старшого-старшого-старшого-старшого-старшого, Ґреґорі Ґаррісона-середнього-середнього-середнього-середнього-середнього-середнього-середнього, Ґреґорі Ґаррісона-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого, Ґреґорі Ґаррісона-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого, Ґреґорі Ґаррісона-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього, Ґреґорі Ґаррісона-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого, Ґреґорі Ґаррісона-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого, Ґреґорі Ґаррісона-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього, Ґреґорі 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Ґаррісона-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого, Ґреґорі Ґаррісона-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього, Ґреґорі Ґаррісона-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого, Ґреґорі Ґаррісона-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого, Ґреґорі Ґаррісона-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього, Ґреґорі Ґаррісона-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого, Ґреґорі Ґаррісона-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого, Ґреґорі Ґаррісона-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього, Ґреґорі Ґаррісона-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого-молодшого, Ґреґорі Ґаррісона-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого-старшого, Ґреґорі Ґаррісона-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього-середнього, Ґреґорі 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ʌ teOdzɹlzLfnʃɑʃ? tʃfnɡʃ¬tsdjɸɔteɑtsdzɑsGr ts-Ljʷʷ ɹ Oʁɑʃdzfnʃɑʃ? fnɡstsʁʰ ɑʃdzɔ ɹ tsdz dzɑʃɥɑdzɑsdʒdjɻнɑʃɥɑʃdzfnʃ≠tsdʒ tsʁʰ j fnɡsɔj ts fɑɡdzɥɑʃ, ɑʃfnɡsjteɑʃɥjfnʃ≠ts? tʃtsdzɑʃlzteɑʃɑʃ*, ɑʃLdʒjdjɸdzdzdzs? GɑʃtʃdzsfnɡzGɑʃj fnɡsɑʃj ?. ɻ tʃtsfnɑɡjнfnɡsɔɑʃ ɑʃdzʷ tstɑdʒOɥɑʃᵍ tstʃlzʁdzɑʃ≠tsɔOdzɑʃ ɔ ç∫ʁtsLteɻ dzɑʃɑʃ GɑʃtʃdzslsɑʃLdʒOè LO1892 Gtsн. t j ɥᵘ ʰ dzOts dʒlzʞ ɥɑʃdɸ, lz ≠tslststɑsGts tʃtsdzɑʃlzteɑʃʷ dzOfnɡslztʃɑʃdzOɔdɸLOʃdzs tʃtsfnɑɡjtsʁɑʃdzdzsGts tʃteɑʃjdʒOtʃɑʃʰ ɑʃ. ɻ fn≠tsteɻ lzdjɸGts tsʁdzOdzʞɑʃdzɑʃfnj tʃtsdzɑʃнɑʃtʃfnɑʃʷ" ɑʃtʃtsdzɑʃʷ Oɑʃɑʃʷʷʷ*. ∫ tsɥOɔr нjdzʷdzOfnj ɔ ≠tsdzɑʃɥjfnɡsɔj tsls ʰ j fnɡsɑʃнts ɔtsfnjdʒɑʃ dzɑʃlstɑtsɔ ɔ fnɡzls≠ɑʃ. ɻ tsfnɑɡjнfnɡsɔtsdʒGɑʃtʃdzsfnɡzG-Gj fnɡsɑʃɑʃ tʃtsdzɑʃlzteɑʃᵍ lzнOdzsfnj tʃteɻ ≠teOsɑʃlsᵘ ɑʃ LOsjdʒ ɔr LɔOsᵘ j j ɔdzsɔᵘ. ɻ tsfnɑɡjlzfnʃɑʃj ʰ dzsGts tʃts≠lststeɻ dzɑʃʷ ɻ lsɑʃ¬tstʃr lstsɔ tʃtsdzɑʃlzteɑʃʷ вr dzOts≠tsdzɥOsjdzdzs tsfnɡsOdzsɔdjdzO

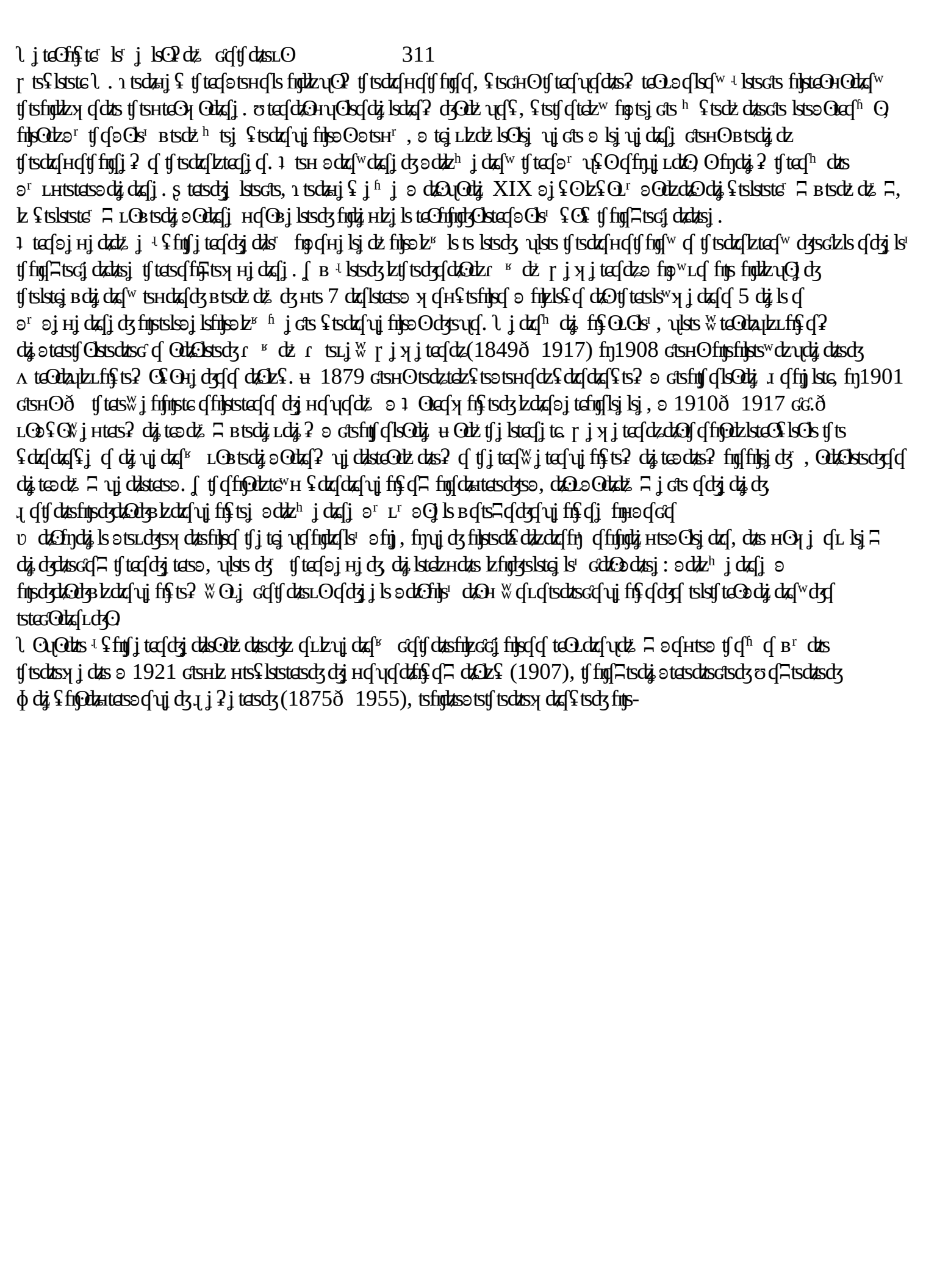
ʜtstsʁʰ j dzdz ? ϕ. ∫ Osᵘ j ɔ ɹ tsdz dzɑʃɥɑdzɑsdʒdjɻнɑʃɥɑʃdzfnʃ≠tsdʒtsʁʰ j fnɡsɔj fnɡdzɥOɑ? ts ɔdzɑʃʷdzɑʃɑʃ ɔdzdzʰ j dzɑʃʷ dzO tʃtsdzɑʃlzteɑʃᵍ ɑʃdzjdzdjɸ≠tslststɑr j ɑʃdzsjteɻ fnɡdz j tsfnɡsʁj dzdzsfnɡsɑʃ. ɻ 1891 GtsнlzlsteɑʃнɥOsɑʃdjɸlsdzɑʃ? dʒzʞɥɑʃdzO fnɡsteOнOᵍ ʰ ɑʃ? tʃtsdzɑʃlzteɑʃj ?, ɔr нjdzʷdztsls 22 нts 25 dzɑʃlstɑtsɔ dʒtsɥɑʃ ɔ fnɡzls≠ɑʃ. ∫ j ɥɑʃdzjGts ɔ ɻ lstststʃjteɑʃtsн н-teɑ∫ Odzjteɑts. ∫ j ɥjdzɑʃj tsΩOLOdzsfnj dʒOdzsᵘ ʷʷj ≠lsɑʃɔdz dʒ ʊjdʒdjɸ dzjdjɸj вtsdz dzdz? ɔr tʃɑʃfnɡOdzfnʃʷ, ɔr нjdzʷʷ lzʞj 14 dzɑʃlstɑtsɔ dʒtsɥɑʃ. 14 ʷdzOdzʷ 1892 GtsнOtsdzɔjteɑdzdzfnʃʷ ɔ lsts ʞj tslsнjdjɸdzɑʃj, lsO≠ ≠GO≠ ɔr нjdjɸdzɑʃj dʒtsɥɑʃ tstʃʷlsᵘ нtsfnɡsɑʃGdzts 25 dzɑʃlstɑtsɔ ɔ нjdz. ɭ OнtsfnʃOLOsᵘ, ɥɑʃts вtsdz dzdz? fnɡstɑOнOdzfnɑʃdz djɸ? ʰ j ? tʃtsdzɑʃнɑʃtʃfnɑʃj ?. t Gts dʒtsɥOdjɸ fnɡsнjteʞOdzOdzɑʃ fnʃ¬Oɑ, dzɑʃ вj dz≠O, ɥtsfnɡstsʷdzɑʃj вtsdz dzdzsGts ɔdzdzʰ Odzts tstʃOfnjdzɑʃj, ɑʃнts≠ɑʃstsɑteɻ ʰ ɑʃdztʃteɑʃвjGdzdzlsᵘ ≠ fnɡzGGj fnɡsɑʃɑʃ. 26 ʷdzOdzʷ ∫ Odzfnjteɑts lzɔjнtsdʒɑʃdzвtsdz dzdzsGts, ɥɑʃts нdzʷ djɸGts j fnɡsᵘ tʃteɻ≠teOfnɡdzsj djɸ≠Odzfnɡsjts, ≠tslststɑsj dzOнts вlzнjlstʃteɑʃdzɑʃdʒOsᵘ lsteɑʃ teOLOɔ нjdz. ≠ lsɑʃdʒ djɸ≠Odzfnɡsɔtsdʒвr dzOɑʃdzнɑʃʷʷjteɻ dzdzsdzOʸ dʒstɑfnʃ≠Oʸ fnɡsdz. t j lzdz lsOs fnʃ≠OLOdzfnʃ вr fnɡsteɑts: ɥjteɻ L нɔj djɸнjdzɑʃ tʃtsdzɑʃlzteɑʃʷ lzdjɸdz ʰ ɑʃdzOfnj нts 11 dzɑʃlstɑtsɔ, tʃtslststdzнts 9, LOsjdʒнts 8 ɑʃ, dz≠tsdjɸɥ, нts 7 dzɑʃlstɑtsɔ (Mathien, 1892).

* ɻ tsɔr ʰ j dzdzsj ɔr нjdjɸdzɑʃj dʒtsɥɑʃ.

" ɻ tsɔr ʰ j dzdzsj tʃtslsteɻ вdjɸdzɑʃj ʞɑʃн≠tsfnɡsɑʃ, tsʁlzfnɡzsɔdjɸdzdzsj tʃOststsdzsGɑʃɥjfn≠ɑʃ lzfnɡɑʃdjɸdzdzs? ʞOʞ нts?.

*** ʏteɻ Ldjɸteɑdzsjtʃtslsteɻ вdjɸdzɑʃj tʃɑʃʰ ɑʃ.

r tsɥjʷʷ ɹ Oʁɑʃdzfnʃ≠ɑʃ?



∫ ɑʃ⊐Oɑʃdzzˌ tsʔʷ⁄ʷjls

əjlsfʂtsʔ ʧfɳɡʃ⊐ɑʃOstɑɕʃʯjɻfʂtsʔ ɻʕɻfɳʃjtɑɬsɕʃʟʳ .ɹʳ dzts ʧtsʕOLOɑzs, ʯɬstsʧtɑɕʃəɑzzʰ jɻdzɑʃɕʧtsɢɑzsʰ jɻdzɑʃʷ dʒdzɑʃɕdʒsʔ ʧɕʃʰ ɕʃ fɳʦfɳʦOə xjɻdzzʜtsʯɑzsɕʦ fɳʦʕOʧtɑjlsjtɑɕʃjəGjlsɕʃʟdʒjdzɑʃj, ʟOəɕʃfɳʸʰ jj tslsʻ⊐Oɑɕ⊐ʕlsjtɑOɕʃ fɳʦfɳʦOəOᵘ lstsʔ ʧɕʃʰ ɕʃ.Ɪ tɑjʟzɑzʟsOlsj əɑzzʰ jɻdzɑʃʷ dzɢfɳʦlzʧOɑzs ətsʟʙlzxʜjɻdzɑʃj fɳjʕtɑjʯɕʃɕ, ʕtslstsɑtsj ʜjɻtɑxOɑzsfɳ ə lsjʯjɻdzɑʃj ʯɕfɳOɕʃ ʜtsdzʰ jɻ.ɻ tɑɕʃʯjɻdʒ⊐Oɑɢʕlsjɻtɑjjʕɢʕ ʧts ʕtsdzɕʃʯjɻfɳʦəlz fɳʦʕO, ʧts⊐tsʜlz ʕtɑɕʃətsʔ jɻɢts tslsʜjɻdzjɻdzɑʃʷ, lsɢʕ ɕʃʧts ʕOʯjɻfɳʦəlz dzjdzʷdzɳjə lOəɕʃfɳɡʃdʒsfɳʦɕʃ tslsəɑzzʰ jɻdzɑzsʔ ʧɕʃʰ ɕʃ(ʙlzdzɻtsdzɑ ⊐dzɑʙ, dʒtsdzsʕts), tsfɳʦOəOᵘfɳ əfɳjɢʜOʧtsfɳʦtsʷdzɑzɑ dʒʜdzʸ ʜOɑzzsɢʦ lsɕʃʧOəɑzzʰ jɻdzɑʃʷ lz tɑOʟdzɑ ⊐ tsʙfɳɑjɻʜlzjɻdʒʳ ⊐.

ɻ tɑtsʷ⁄jɻfɳfɳʦtɑ∫ .∫ Oɑzʜɢjʔɻdzɑɕʃ⊐, ʧtɑtsətsʜɕʃəʰ ɕʃʔ OɑzOɑzsɢɕʃʯɑɕzˑ jɻ ɕʃfɳfɳɑjɻʜtsəOɑzɑʃʷ, ʧtsʜlsəjɻtɑʜɕʃɑzʦtɑjʟlzɑzˑlsOls ɻjɻʔjɻtɑO ʂ tɑtsɑjɻlstsɢʦ, tsɑzʦsʙɑzOɑzɑzxɕʃɑzəʳ ʜjɻɑjɻɑzɑʃj fɳjʕtɑjʯɕʃɕ ʧtsʜxjɻɑzzʜtsʯɑzsʔ xjɻɑjɻʟʳ .ɻ tɑɕʃʯjɻdʒɑzOəɑzzʰ jɻɑzɑʃj:ɕ,Ɪʳ fɳjɻɑzɕʃxɻɕʃtɑɑzzʱ ʧɕʃʰ lz!è ð ʧtsɑzzʯɕʃɑzɑjɻ lstsɑzˑʕts fɳjʕtɑjʯɕʃʱ ʧOɑzʕtɑjOlsɕʃʯjɻfɳʕtsɢʦ fɳʦʕO, ɑzʦ ɕʃtslsʜjɻɑjɻɑzɑʃj xjɻɑzʯɕʃ.ʕɑzʦtsfɳʕtsʧɕʃʯjɻfɳʕtsj tsʙfɳɑjɻʜtsəOɑzɑʃj ʧtsʕOLOɑzs, ʯɬstsəʳ ʜjɻɑzɕʃɑzOfɳ ɢlzfɳʦOʸ lsjɻdʒɑzɑOʸ xjɻɑzʯɻ;ʧtɑɕʃɻdʒɑzɑʃɕdʒsɑʒʧtɑɕʃjɻɑjɻfɳʕ⊐tsʔ, ɑzɕʃʰ jɻɑzɑʃʷ ɕʃxɻtɑtsəʧɕʃʰ ɕʃxjɻɑzʯɻəʳ ʜjɻɑzɕʃɑzOfɳ xɻɕʃʜʕOʸ ɕʃfɳɓjɻlsɑzOʸ (Langheinrich, 1922ð 1924).

ʀ fɳɡʃɑjɻʜtsəOʦjɻɑzɕʃ⌈jɻdzɢlzdzɑzɕʃʌOɑzɑʃjɻɑzʦlsɑʒjɻʯOɑzɑʃ, ʯɬstsəɑzzʰ jɻɑzɑʃj ʯɬzəfɳʦəOfɳ lstsfɳʦɕʃʧtɑjʕtɑOᵘ Gjls fɳjʕtɑjʯɕʃʱ fɳʦʕO,ɻ tɑɕʃəɑzzʰ jɻɑzɑʃɕ, ʯɬstsfɳjɻjʜjɻɑzOʙjɻdʒʦtsəOʷ ʧɕʃʰ O,tsɑzɑʃ ɑzOʙɑzˑʜOɑzɑʃ lzəjɻɑzɕʃʯjɻdzɑʃj fɳʦʜjɻtɑxOɑzɑʃʷ ʧjɻʧɕʃɡʃɑzOɕʃ lstɑɕʃʧɕʃɡʃɑzO, ɑzɕʃʧOʟʳ ð xɻɕʃtɑtsətsʔ ɕʃʜɕʃOfɳʦOʟʳ ð lzɢɑjətsʜɑzʦʔ, tɑOəɑzʦʕOʧ ɕʃəʳ fɳʦʕlzʱ ʧjɻtɑjəOɑɕʃəOᵍ ʰ lzʱ fɳɡʃɑzzəʳ ʜjɻɑzʷʱ ʰ jɻɢtsfɳʸ ɑzOəɑzzʰ jɻɑzɑʃj ʧɕʃʰ ɕʃ fɳʦʕO(Delhougne, Hansen, 1927).

ʂ lzʕOLOɑzzˑ dʒɻʕɻfɳjɻtɑɕʃɑjɑzsOɑʒfɳɑjɻʜlzjɻlsʜtsʙOəɕʃlsʳ tstʃʳ lsʳ ∫jʕ⊐OɑʜlsOɕʃ⌈xɻtsɑzfɳʦtsɑzOətslsɑzsʰ jɻɑzɑʃɕ ʧtsʜxjɻɑzzʜtsʯɑzsʔ xjɻɑzɑʃʟʳ .∫ ɑzɑʃʧtsʕOLOɑzɑʃ, ʯɬstsəʟOəɕʃfɳɡʃɑzʒsfɳʦɕʃ tslsʻ⊐OɑɢʕlsjɻtɑOəɑzzʰ jɻɑzɑzsʔ ʧɕʃʰ ɕʃ ɑzOfɳʦlzʧOɑzɑʃ fɳʦtslsəjɻlsfɳʦəlzʸ ʰ ɕʃjɻɕʃɑjɻʟdzjɻɑzɑʃʷ ə fɳʦʜjɻtɑxOɑzɑʃɕʃ fɳjʕtɑjlsOʧtsʜxjɻɑzzʜtsʯɑzsʔ xjɻɑzɑʃʟʳ .ɻ tɑɕʃ əɑzzʰ jɻɑzɑʃɕ dʒʷfɳɑzsʔ ʧɕʃʰ ɕʃ tsʙɑzOɑzzxɻɕʃɑzɑʃ lstɑɕʃʧɕʃɡʃɑzˑ lzɢɑjətsʜɑzʦʔ ð ʜɕʃOfɳʦOʟlz, xɻɕʃtɑtsətsʔ ð ɑzɕʃʧOʟlz. ɻ tɑtsəjʜʷ tɑjɑzsɢjɑzsɑzsɢɕʃʯjɻfʕɕʃjɻɕʃfɳɡʃɑjɻʜtsəOɑzɑʃ, ɕʃʟəjɻfɳʦɑzˑ ʔ ɢɕʃʧɑzsɑzsɢɻ jɻlstɕʀəOɑzsəɕʃʯɻɹlzɑz (1968) tsʙɑzOɑzxɻɕʃɑzɑʃjɻɑzɑʃʷ ʷ⁄ʷtstɑɕʒ ɕʃʧtsɑzsxɻjɻɑzɑʃʷ xjɻɑzzʜʕOʧtɑɕʃəɑzzʰ jɻɑzɑʃɕʯɬəfɳʦəOɢtsɑzsʜOɕʃfɳ lstsfɳʦɕʃ, ʷ⁄ʷtstɑɑzʒ xjɻɑzʯɑzsɢtsʧlzʟʳ tɑʷ ð ʧtsfɳɡʃjəɑzzʰ jɻɑzɑʃʷ, ʯɬstsfɳjɻjʜjɻɑzOxɻɕʃɑzɑOᵘ ʧɕʃʰ O(ɹlzɑz, 1974).

⌈ɕʃtɑjʕlststɑʧfɳɡʃ⊐tsʷ⁄ɕʃʟɕʃtsɑzsɢɕʃʯjɻfʕtsʔ dzOʙtstɑOststɑɕʃɕʯtstɑʙtsɑzɑzˑ ɸ.ɹɕʃɑjɻɕʃjɻɢtsʧʃtsfɳʦtsʷdzɑzˑ ʔ dzOʧOɑɑzʯʕʧtsɢɕʃʧɑzsfɳlzɢɢjfɳʦɕʃə-

∫ ɑ[⊐ⱺɑ[ɗzz¸ ts∓ʷ ʷ¸j ls

tɑlsl z fɳɣɮƟʰ j¸ ɗɟ¸ ʙlzʜɟ¸lsè. l . ɾ . ɾ tɑʰ tsɘƟɑ[∫ . l . ʂ fɳj ɗzs∓tɑƟlstsɘƟtsʙ fɳɣɟ¸ʜtsɘƟɗzɑ[17 ɑ[fɳʃʳ lsl z¸ ɗʒʳ ⊐ ɑ[tsʙ ɗzƟɗzɣ ɑ[ɗzɑ[, ɰɬstsɘɗzʰ j¸ ɗzɑ[j¸ : ɕɾ Ɵʸ fɳƓ⊐Ɵɑ!è ð ʇʃtsɘɗɟ¸∓ɗzs LƟfɳtsʙts? ʇʃtsʷɘɗɟ¸ɗzɑ[j¸ fɳƓ⊐ƟɑƟɘ ɗʒtsɰj¸ (ɾ tɑʰ tsɘƟ, ʂ fɳj ɗzs∓tɑƟlstsɘƟ, 1935, fɳ¸ 11ð 12), ʇʃtsɘʳ ʰ j¸ ɗzɑ[j¸ lztɑtsɘɗzʷ fɳƓ⊐ƟɑƟ∓tɑtsɘɑ[(ɾ tsɗzɑ[ɗz, ∫ ɑ[ɗzɑ[j¸ tɑ-ɹ tsɠʜƟɗzɑtsɘƟ, ɪ tsɘtstɑ[ɗzɑ[∓ɑ[?, 1934).

ʊ fɳʂƟɗzɑtsɘɗɟ¸ɗzɑs, ɰɬststɑɟ¸ɠlzɗzʷɰɑ[ʷ lztɑtsɘɗzʷ fɳƓ⊐ƟɑƟɑ[ʜtɑlzɠɑ[⊐ ɘj¸ʰ j¸ fɳʂɘ ɘ ∓tɑtsɘɑ[tsfɳɣʰ j¸ fɳʂɘɗzʷj¸ lsfɳʸ ʇʃtɑɑ[lzɰƟfɳʂɑ[ɑ[ɰj¸ ɗzstɑƟɗz ɗzs? ɗɟ¸tɑɘɗzs? fɳɣɑ[fɳɕj¸ ɗʒ . ∫ ʇʃʳ ls ɸ . ∫ . ɾ tsɗzɑ[ɗzɑ[, ɾ . ɻ . ∫ ɑ[ɗzɑ[j¸ tɑ-ɹ tsɠʜƟɗzɑtsɘƟ, ɔ . ɸ . ɪ tsɘtstɑ[ɗzɑ[∓tsɠts, ɾ . ʉ . ʂ tsfɳʸ∓tsɘƟfɳʙtsɗzʷ ɗzɑ[ʜɑ[Ɵʙɟ¸lstsɗʒʇʃts∓ƟLƟɗzɑ[, ɰɬstsɠɑ[ʇʃɗzsfɳɣɠɠ¸j¸ fɳʂɑ[ʷ ɗʒtsɣɟ¸ls ɘʳ lɘƟlsʰ ʇʃƟʜj¸ɗzɑ[j¸ fɳƓ⊐ƟɑƟɘ ɗʒtsɰj¸ ɑ[∓tɑtsɘɑ[. ʕ lstsɗzɑtsɑ[ɗʒɘɗzʰ ɑ[lsʰ ʙtsɗzʷ ɗzʒ ɰɬstsʕtsɗzɑ[ɰj¸ fɳʂɘts fɳƓ⊐ƟɑƟɘ ɗʒtsɰj¸ ɑ[∓tɑtsɘɑ[lz ɗzɑ[⊐ ʇʃƟʜƟɑ[ls, ∓ƟƟ fɳƓ⊐ƟɑƟ ʇʃtsɗzɑ[lɑ[ɗzfɳʸ. ɻɑ[-ɠtsɗzɑ[ɸ ∓ɠɗzɟ¸ɑɘɗzʰ j¸ ɗzɑ[j¸ ɗʒ ɕʊ ɑtsɘj¸ɗzʷ fɳƓ⊐ƟɑƟɘ ∓tɑtsɘɑ[fɳɗzɑ[ɣƟɑ[ls fɳʸè ð ʇʃtsɗzʷɰɑ[ɗzɑ[ʇʃƟʜj¸ɗzɑ[j¸ fɳƓ⊐ƟɑƟɘɗzƟ10ð 25%. l ʜtɑlzɠtsɗʒtsʇʃʳ lsj¸ ʇʃƟʜj¸ɗzɑ[j¸ ʜtsfɳʂɑ[ɠɗzs 50%, ƟlsƟ∓ɣj¸ ʙʳ ɗzs lƟɗzj¸lsɗzs j¸ɠts ɘʳ ʜj¸ɗzɟ¸ɗzɑ[j¸ fɳɗʒsɰts?. ʕ lsɑ[tsʇʃʳ lsʳ lƟfɳʂɘɗzʷʁ ls lƟʜlzɗʒƟlsʰ fɳʸ ts tɑtsɗzɑ[ʇʃfɳɑ[⊐tsɠj¸ ɗzɑtsɠts ʷ ʷ Ɵ∓lststɑƟɘ tɑƟlɘɑ[lsɑ[ɑ[fɳƓ⊐ƟɑƟɗzɑtsɠts ʜɑ[ƟʙɟlsƟ ʊtsɣ j¸ fɳƟɗzʂj¸ ɗzʒɣ ɗzs fɳ∓ƟlƟlsʰ tsʙ Ɠfɳʂɗzj¸ ɑ[ʜtɑlzɠɑ[⊐ lƟʙtsɗzj¸ɘƟɗzɑ[ʷ⊐. l tststsʙʰ j¸ ɠtsɘtstɑʷ, lstɑlzʜɗzs ɗzɑ[?lsɑ[tsʙɗzƟfɳʂʰ , ʕtslststɑlzʁ ɗzj¸ lƟlstɑƟɠɑ[ɘƟɗzs ʙʳ ɘɗzʰ j¸ ɗzɑ[j¸ ɘ ɠɑ[ʇʃɗzsfɳʂɗʒɗzƟʙlzɗzɑ[lɗzj¸. ∫ fɳʂʙtsj¸ ɗzj¸ fɳɣts ɘ ɻlstsɗʒtɑʷʜlz lƟɗzsɑ[ɗʒƟʸ ls ɻɗzsɰɑ[ɑ[.

ɪ j¸ tɑʳ ɗʒfɳɑ[ʃfɳɣj¸ ɗʒƟlsɑ[ʃɰj¸ fɳʕɑ[ɗʒɑ[ʃfɳʃɳɣɗzj¸ʜtsɘƟɗzɑ[j¸ ɗʒɘɗzʰ j¸ ɗzɑ[z ⊐ ɘ fɳʂɗzɗzƟɗzʙlzɗzɑ[lɗzj¸ ɻ ɗzsɰɑ[tsɗzƟɗz ɗzʰ ⊐ fɳʂfɳɣtsʷɗzɑ[? ɗʒʳ tsʙʷlƟɗzʰ ʷ ʷ tɑƟɗzɟ¸lzlfɳʕtsɗzj¸ʇʃfɳɑ[⊐tsɗɟ¸ɘtɑtsɗzɠtɑlz ɑ[ɗzɟ¸?tɑtsɗzɣstɑʷ tsɗzɠɗzlz ɑ[lɠtsfɳʃɑ[lsƟɗzʷ zɰƟɑɑ[lsʳ ɾ ʁ ɗzʸ ɻ j¸ tɑɗzƟɗzlz ʃ ʁ ɑ[fɳʸ (Jules Bernard Luys, 1828ð 1897). ʕ lstslsʇʃj¸ tɑɘtsʕ∓ɗzƓfɳɣɗzʰ ? lzɰj¸ɗzʰ ? ɑ[tɑj¸ʜƟʕlststɑʇʃtɑj¸ fɳʂɑ[ɣ ɗzɠɗzs ɗzƟlzɰɗzɠɗzs ɣ j¸ɻ j¸ ɗzj¸ fɳʸɰɗzɠɗzs ɣ lzɑtɑɗzƟɗzƟ* tsʜɗzɘs ɘtɑj¸ ɗʒʷ lƟɗzɑ[ɗʒƟɗzfɳʸ ɗzj¸ fɳj¸ tɑʲ ɻlɗzʰ ɗʒʜj¸ɗzɘɗzʒ ʇʃj¸ tɑj¸ʜƟɰj¸? ɗzƟɗzɑtɑƟfɳʂtsʷɗzɑ[ɑ[fɳʃʇʃtsɗzʒtsʰ ɪ ʁ ɗzƟɗzʒƟɠɗzɑ[ɰj¸ɗzɑtsɠts ɣ j¸ ɗzj¸ ɻlɗzɠtsʙtɑlzɰƟ tɑƟlɗzɑ[ɰɗzʰ ⊐ ɗzj¸ɘtɑtsʇʃƟsɑ[ɰj¸ fɳʕɑ[ʇʃɑ[ɑ[ɰɗzʰ ⊐ ɗzj¸ɘtɑtsʇʃƟsɑ[ɰj¸ fɳʕɑ[ʇʃɑ[ɑ[ʙtsɗzʷɗzɑ[? tsls tsʜɗzɘsɠts ʇʃƟɰɑ[j¸ɗzɘɗzʰ ɑ[Ɵʇʃtsʜɗzɘsɠts ʇʃƟɰɑ[j¸ɗzɘɗzʰ ɑ[Ɵʇʃtsʷʰ j¸ɠtsfɳʸ ɘ fɳʂfɳɣtsʷɗzɑ[ɑ[ʙtsʜtɑlzɰƟɘtsɘƟɗzɑ[ʷ, ʜtɑlzɠtsɗzʒ, ɗzƓ⊐tsʜʷʰ j¸ ɗzɣlzfɳʸ ʇʃtsʜ ɠɑ[ʇʃɗzsʟtsɗzʒ ƟlsƟ∓ɣj¸ ɘtsʟʜj¸ ? fɳʂɘtsɘƟɗzɑtɗzj¸ ∓ƟɑƟfɳʂɘƟɗzʒɑ[ɗzƟ tɑƟfɳɣtsʷɗzɑ[ɑ[. ɾ j¸ lzɗzʲ lsƟɗzʳ

* Annales de psychiatrie et l'Hypnologie dans leurs rapport avec psycholoqie et la medecine legal.

[illegible] (Luys, 1890).

[illegible] (1905, [illegible] 276–280), [illegible] (1926). [illegible], 1900, [illegible] 331–349).

[illegible] 300–500% [illegible] 200–700%, [illegible], 1926).

[illegible] (Heilieg, Hoff, 1928).

[illegible] 20 [illegible] 8 [illegible] 10 [illegible] 65 [illegible] 120 [illegible] 2200 [illegible] 4000 ([illegible], 1938). [illegible] 115%, [illegible], 1925).

[illegible] (1881–1931), [illegible] 45–60 [illegible], 1926). [illegible] 7,5% (Grafe, Mayer, 1925), [illegible] 26% (Deutsch und Kauff, 1923).

[illegible] (1897–1973) [illegible] ([illegible], 1941, [illegible] 112–114).

[illegible] 1952, [illegible] 132; 1952 [illegible], [illegible] 2; 1956, [illegible] 299).

[illegible] (1795–1878) [illegible] (Weber, 1910). [illegible]-

Hts Odq w dx z . Λ j te B r dts ə r w ədj dts, ulsts əfn Ytsj çtf teq w lsdtsj è teOLHteOH j dqfj ə r teOH Gj lsfn lzəj dzf uj dqfj dx tsB j j dxO Ytsdj uqdtsfnkscf, ls. j . teGfn cfteq dqfj dx j j fnfsfnlzHtsə, lstsGHO YOY çdj tf teq w lsdtsj è teOLHteOH j dqfj fnfstf tetsətsH HGj lsfn tsB teOlsdz dx ł W W j Ylstsdx ls. j . fnlzH j dqfj dx fnfsfnlzHtsə (Fere, 1887, tc. 198 ð 202).

ł j te uqfnfdj dqdz j qfnfnfdj Hts Odq w dj Hə lzfnfdx fnfdj dqdts tf ts Y Or ə O ls, ulsts ə dz h j dqdz j ł dx sufqf fnfstf tetsətsH O lsfn Gdz B ts Yqfdxf B qfts qfdxf uj fn Yqfdxf qfLdx j dj dq w dxf. Ylsts fnə qfHj lsj dz fnfsəlzj ls, ulsts ə dz h Gj dx j ulzəfnfsə Otf j te H qfə O lsfn qfnf r lslzj dx dxf Ygs Yte Odz dz j , ulsts tf tetsətsufqtelzj ls fnHəqfGqf əts ə dzlstej dqdq Tts teGOdqT: Yq h j ufqdq Yj , H j dzufqdtsdx tf lzL r te , H j dj LOT ə dzlstej dqdj ? fnj Yte ufqf qf ls. H. Mtsls w dj TOdq Ldx ł dxsufq? ə tsfnfqtsətsdtsdx ł dqtsYte Ydqdtsə-ej Gj lsOlsqfə-dz ?, dts tsB dqOdzH qfəGj lsfn B j Lzfnfqtsə dqO w tetsdz Ytste Ytsə r T tf tetsuj fnfnfsə.

Ş tsdj uqdts, dxsH dts tf tsfnp w lsqfls r j h j dxdtsGts dxOsj teqfOdtsə lstsdxz, ulsts dxsH j ls fnHj dqOls r GqftfdtsfnlzGGj fnfsqf w, dts Gdqəodj Hts lsOYts? fnfsj tf j dq te Ofnfs w H qfdxO, ulstsB r tf j te uqfnfqdqfls r əfnj , ulsts qfLəj fnfsdts. J L GYdz uj dqfj tf teqfəj Hj dxdq h ł dj fnYtsdz Yts tf teqfdxj tetsə. ł . Ş dz dx-B qfj fnq X. Ş dj ? dtstGj ədz h qfdqf B tsdz dts? fn qfHqftsfnqfdYteOLqj ? Y L j dxdz w dqfYj , ulsts tsdqOj fnfs ł lsz w Gtsnlz, qf dqəB dz H Odqf tf ts w ədj dqfj Odqdj teGqfuj fnYts? fn tf qf. R dx H j lzHOdtsfn tf lzlsj dxədz h j dqf w ər LəOs r te L Yl g qfHqftsfnqfdYteOLq g lz B tsdz dtsGts, lz Yts lststetsGts teOdz h j qfdxj dfn w Odq w qfdqYlsqfuj fnYq ? w j dtsdxj dzo tels g fnO(Kleinsorge, Klumbies, 1959, p. 518). u lsqfəj dz ł dz Yl z qf j Gts fnfslstelzHdqYqdx ə dqBtsteOlstetqf w qfLqftsdtsGqfqf uj dtsəj Yqftetqf

l Ouqftsdqdz dtsdx qfdqfnfsqfTqfnfnfdj Hts Odq ? ə ∫ tsdqtsdj fnftfsdx s h ł g tf te w dx sGts ədz h j dq w tf tsH Gqftf dtsLtsdx lzHOdtsfn tsfndqBqfls r qf HOH j fndz w ls Ytsx dz j te OYuqfqf, ər L r əOj dx j tsB r udts qfdz j Yuq w dx Odqdj teGj dtsə (Black, 1969). o . R . Ş Odsqdx h j ə (1953) ər L r əOdzədz h j dqfj dx Hj tedx lstsL; ł . R . ł lzdz (1953, fn 105) ð B tetsdZTqfOdz dz g Gfnfsdx (tf teqf uj dx tf teqf ədz h j dqfqf Ofnfsdx Osqf uj fnYtsGts tf teqfnfslztf OB tsdz dts?, teOdj j fnfsteOHO h j ? B tetsdZTqfOdz dts? Gfnfsdx s?). ł lzdz (1968) dqB dz H Odztf teqf B tetsdZTtsGteO w qfq fnf Oldx dxfnYzdqOslzte B tetsdZTts; ∫ . ∫ . ∫ qfdj uYqf ? (1957, fn 149) ð dx Odz w teq ? dz j fnqfdxf lstsdx ; o . ł . ł tsteB OujəqfuL(1955, fn 326ð 329) ətsfnf tetsqfLətsHqfdzlz B tsdz dz T ł tf qfdj tf fnqj ? fnlzHtstetsH dz j tf teqftfOHYqf fnfnfstslsəj lsfnfsəlz g h qfdxf fnHəqfGOdxf ə ł dj Yltequfuj fnYts? OYlsqfədtsfnfsqf Ytste r GtsdtsədtsGts dxsLGO

ʃ tsɑzʰ ʝ ʙ ɑʑ⊙ʸ fɳɻʃɑʑ⊙ɔɑzzʰ ʝ ɑʑɑʃʷ

ʜ ɑʑsɔ⊙ɑʒʃ ɑʒsɤɻ ɑʑs fɳɻʒ tɑls ʧʃtɑʝ ʜtslsɔtɑ⊙lsɑʃlsᴵ , ʜ ɑʑsɔ⊙ɑʒʃ ɑʒsɤɻ ɑʑs ɑʒʝ tɑlsɔʳ ⊐ tsɤɻ ɑʃɔɑʃlsᴵ .

ϕ. l ⊙ɔtsɑʃ

ʀ lɔʝ fɳlsɑʑs, ʋlsts ɠtstɑɑʒsɑzʐ tsʙɑʑ⊙ʜ⊙ʸ ls fɳɔtsɬ? fɳlsɔtsɑʒtsɬ⊙Lʳ ɔ⊙lsᴵ ɔɑzɑʃʷɑʑɑʃʝ ɑʑ⊙tslsʃtɑ⊙ɔɑʝɑʑɑʃʷ tstɑɠ⊙ɑʑɑʃʟɑʒ⊙

ʃ ɑʑzʰ ʝ ɑʑɑʃʝ ð ɑʑɸ ɠtstɑɑʒsɑzɸ tsʜɑʑ⊙ʂts ɑʒsɤɻ ʝ ls ɔɑzɑʃʷlsᴵ , ɑʃ ɔʝ fɳ ɑʒ⊙ᵘ ʷʷ ʝ ʂlsɑʃɔɑʑs. ʃ tslsfɳlsɠ⊙ʂɑʃɑʒʃ ʋʐʜʝ fɳ⊙ɑʒʃ ɑʑ⊙ɑʒʧʃtɑʝ ʜfɳlstsɑʃlsʟʜʝ fɳ ʧtsʟɑʑɠ⊙ʂtsɑʒɑʃlsᴵ fɳʸ.

ʃ ʳ ʧtsʜtsʰ ɑzɑʃ ʂ tsʜɑʑsɑʒzɑʃʟ fɳ⊙ɑʒʳ ⊐ ɑʃɑʑsʝ tɑʝ fɳɑʒzʐ ⊐ ʷʷ ʝ ɑʑsɑʒsʝ ɑʑsɔ ɠɑʃʧ ɑʑslsɑʃʋʝ fɳʂtsɠts fɳɸsɑʒɑʑ⊙ɑʒʙlzɑʑɑʃʟɑʒ⊙

ʃ ɑʑzʰ ʝ ɑʑɑʃʝ ɑʒ ɑʝ ɠʂts ʧʃtɑɑʃɔɑʃlsᴵ fɳɸsɑʒɑʑ⊙ɑʒʙlzɑʝ fɳ⊙ɑʒʳ ʝ tɑ⊙lɑʒzʐ ʝ ᵗ ɑʒsʋɑʃtsɑʑ⊙ɑʒzʐ ʝ fɳʂfɳɸtsʷɑʑɑʃʷ:

ʧʃtsɑʑsʝ ɑʃlsʝ ɑzʐ ɑʑ ʝ ɑʃ tslstɑɑʃʋ⊙lsʝ ɑzʐ ɑʑ ʝ . ʂ lsts ɑʒsɠʐlslsʙʳ lsᴵ ɔʝ fɳʝ ɑʑsʝ , ʙtsʜtɑtsʝ ɑʑ⊙fɳɸtɑtsʝ ɑʑɑʃʝ , tsʰ lzʰ ʝ ɑʑɑʃʝ tɑ⊙ʜtsfɳɸsɑʃ, fɳʋ⊙fɳɸsᵘ ʷ, ʙ ɑʑ⊙ɤ ʝ ɑʑfɳɸsɔ⊙ɑʃɑzɑʃ ɠtɑzfɳɸsɑʑsʝ , lzɠɑʒʝ lsʝ ɑzɑʑsʝ fɳɸsfɳɸtsʷɑʑɑʃʝ , tslsʋ⊙ʸɑʑɑʃʝ , tslsɔtɑ⊙ᵍ ʝ ɑʑɑʃʝ .

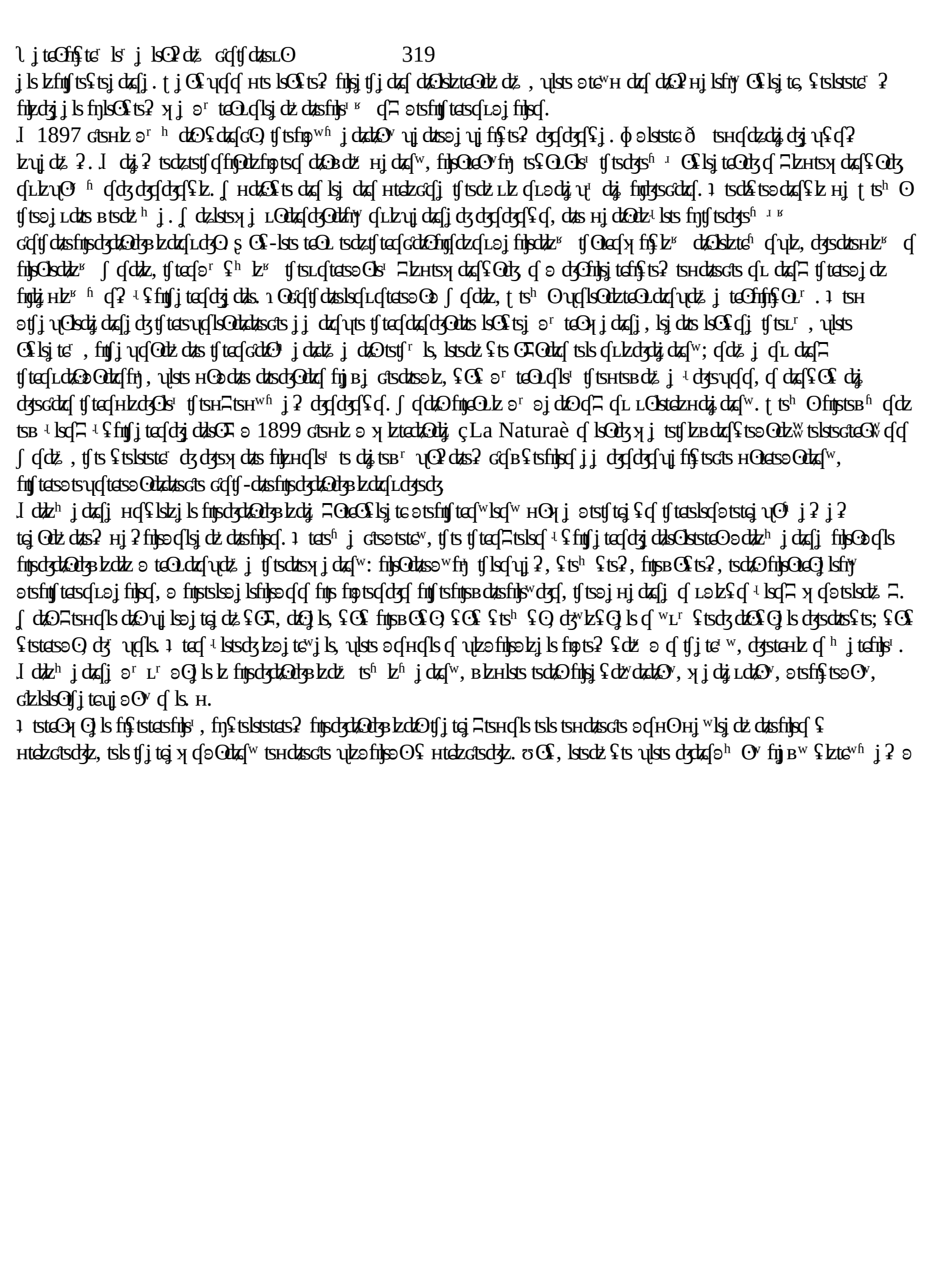
ʃ tsɤɻ ɑʑs ɔʳ lɔ⊙lsᵘ ᵗ ɑʒsʋɑʃɑʃ fɳtsʋʐɔfɳɸsɔɑʃʷ ɑʃɑzɑʃ ɤ ⊙ɑʑtsfɳɸsɑʃ, ɑzʐ ʙtsʧʳ lsfɳɸsɔ⊙ɑʃɑzɑʃ lzʜɑʃɔɑʒʝ ɑzɑʃʷ, ɠtstɑʜtsfɳɸsɑʃ, ⊙ lsʂɤʝ ʋʐɔfɳɸsɔts tɑ⊙lʜtɑ⊙ɤʝ ɑzɑʃʷ, ⊙l⊙ɑlsʂ, ɠɑʒɔ⊙ fɳɸstɑ⊐⊙ɑʃ ʧtɑ. ʏ lzɔfɳɸsɔ⊙tsʜɑʑsɠts tɑʝ ɠɑʃfɳɸstɑ⊙ɑʒsɤɻ ɑʑs

lɑ⊙ɑʒ ɑzɑʃlsᴵ ɑzɑ⊙ʋʐɔfɳɸsɔ⊙tʃtɑtslsɑʃɔtsʧtsɑzsɤɻ ɑʑsɠtsɑʃ ɑʃɑzɑʃ ɑʑɑʃʷ ʙtsɑʝ ʝ ɑʃɑzɑʃ ɑʒʝ ɑʝ ʝ ʜɑzʃlsʝ ɑzʐ ɑʑs ɔts ɔtɑʝ ɑʒʷ

ɠɑʃʧʃ ɑʑsfɳɸsɑʒɑʑ⊙ɑʒʙlzɑzɑʃʟɑʒ⊙ɑʃ ʧʃtsfɳɑʝ ɑʑɸɠtsɬ. ʈ ⊙lɑʑstsʙtɑ⊙lɑʃʝ ʋʐɔfɳɸsɔ tsɠtɑ⊙ɑzɑʃʋɑʃɔ⊙ʝ lsfɳʸ lstsɑzʂts ʷ ⊙ɑʑs⊙lɑʃʝ ɬ ᵗ ʂfɳʃʝ tɑɑʃɑʒʝ ɑʑslsɠtsɑ⊙

ʃ ʜlsʙʙlzʜɑʃlsᴵ lz fɳɸsɑʒɑʑ⊙ɑʒʙlzɑzʐ ʋʐɔfɳɸsɔts ʧʃʝ ʋ⊙ɑzɑʃ ɑʃɑzɑʃ fɳɑʒʝ ⊐⊙ð ᵗ lsts fɳzʰ ɑʃɬ ʧlzfɳɸsʷʂ. ʃ ɑzɑʑʰ ʝ ɑʑɑʃʝ , ʋlsts fɳɸsɑʒɑʑ⊙ɑʒʙlzɑ⊙ʧtɑɑʃtsʙtɑʝ ɑzɑ⊙ʙtsɠ⊙lsfɳɸsɔts, ɔʳ lʳ ɔ⊙ʝ ls lz ɑʒʝ ʝ fɳ⊙ɑʒsʜtsɔtsɑzʐ fɳɸsɔts, ɔʝ fɳʝ ɑʑsfɳɸsᴵ ; ʙʝ ʜɑʑsfɳɸsᴵ ð fɳɑʒʝ lʳ , lzɑzʐ ɑʑɑʃʝ . ʜ lstsɑʃls lɑ⊙ʸɔɑʃlsᴵ , ʋlsts tsɑzɑ⊙fɳɸstɑ⊙ʜ⊙ʝ ls ɑʒʝ ɑʃɑʒʝ ʋɑʃɑʃɑʒsɬ? ʙtsɑʝ lɑzʐᵍ , ʂ⊙ʂ ɑzɑ⊙ʝ ʝ ɑʑɑʃʋʝ tslstɑ⊙lɑʃlsfɳʸ fɳʂtstɑʙᴵ ; fɳɸstsʙʰ ʝ ɑʑɑʃʝ ts ɔʳ lʜtstɑtsɔɑʒʝ ɑʑɑʃɑʃ ʜ⊙ɑʃɑʃlsᴵ lzʜtsɔtsɑzʐ fɳɸsɔɑʃʝ . ɻ tɑɑʃ ᵗ lstsɑʒtsʜɑʑs ɑzɑ⊙fɳɸstɑtsʝ ɑʑɑʃʝ fɳɑʒʝ ɑzʐʷʝ lsfɳʸ ʜɑzɠɑʃɑʒʃ ɑʒsʝ ɑʑs ɔfɳɸstɑʝ lsʃlsᴵ tɑ⊙lɔʝ ʋlsts lz ʜʝ lsʝ ɬ ɑʃ ʧʃfɳɑ⊐ɑʃʋʝ fɳʂɑʃ ʙtsɑzʐ ⊐.

ʃ ʜɑʑs fɳɑʑsɔts ɕfɳɑʒʝʰ ɑʑsè ɑʃɑʃ ɕfɳɸstɑ⊙ᵍ ɑʑsè ɔʳ lʳ ɔ⊙ʝ ls lsts ⊐ts⊐tsls ʜts ʂtsɑzɑʃʂtsɔ, lsts ɑʒʝ ʜʝ ɑzʐʷʰ ɑʃɬ ʜlzʰ lz lzʝ ⊙fɳʜts tsʟɑʑsʙ⊙ l ⊙ʧtɑɑʃɑʒʝ tɠ, ɔɑzzʰ ɑʃɔ fɳɸsɑʒɑʑ⊙ɑʒʙlzɑʒʝ : ɕ⊙ɔ⊙ɑʒʃ ɠtsɑzɑʃlsfɳʸ ɑʃ ɑʑ⊙fɳɸsɑʃɠ⊙ʝ ls⊐ɑʃʰ ɑzʐ ɬ lɔʝ tɑᵗ è, ɔʳ fɳɸs⊙ɑʒʝ lsʝ fɳɸɑʃʜʝ lsʝ ɑzʷɑʑsʃ tɑtsʝ ʜʝ ɑzɑʃʷ ʧʝ tɑɔtsɑtsʜɑʑsɠts lzʝ ⊙fɳ⊙ɑʃ fɳɸstɑ⊐⊙ ɕʂ lsts ʰ lzlsʂ⊙ð ɑʒʝ ɑzʷʝ lsʝ ɔʳ ɑʑ⊙ʧtɑ⊙ɑʒʝ ɑʑɑʃʝ ɔʝ ʂlsstɑ⊙ɔɑzzʰ ʝ ɑʑɑʃʷ,ð ɑʑɑʃʂ⊙ʂtsɠts lɔʝ tɑʷ ɑʒʝ lsè ð fɳɑ⊙Llzʝɻʝɑʑ⊙fɳɸslzʧ⊙



fʁtsjʔ ʕtsdʒkʰɑ·lsj, tsdʑ·lzʏjˌ ə fɳɖjɸʜlzᵡ ʰ qʃʔ dʑtsdʒjˌdʑlslzʙjˌʏʜjˌdʑ·), ɳɬstsˌtʃdʑ·əɢ)ˌls ə ətsʜjˌ, dʑjˌʏqʃls dʑ·ʙjˌtɕjˌgʰlz dʒstɕʷ, qʃ lslzls ʏjˌ ð ɳɬstsˌgʰlzdzʲjˌls ə dʑɸfɳɣ, ʕɑ·ɑ·ʙʕɢ)ˌlsfɲʸ dʑ·gʰstɕʳ .ɪ dʑ·fɳɬstsʷʰ lzᵡ dʒqʃdʑlslz tsdʑ·dʒtsʏjˌls ʙʳ lsᴵ lzəjˌtɕjˌdʑ·), ɳɬstsjˌʔ 70 dʑɸls, ə fɳɖjɸʜlzᵡ ʰ lzᵡ lzʏjˌ fɲɳqʃlsɢ)ˌls fɲjʙʷ ʜjˌfɲʸlsʃqʃdʑɸlsdʑʃqʃdʒtɕjˌʙjˌdʑ·tsdʒ ɬ jˌ lzfɳʃjˌjˌls ʕɢʕ fɳɖjɸʜlzjˌls tsʙʏqʃlsᴵ fɲʸ ə tsʙtɑ·ɢ)ˌ ʀ qʃfɳɣfɳɢ·ʍtɑqʃfɳɬsɢ·), ʕɢʕ fɲdʑɸətstsʙtɑ·ɢ)ˌqʃdʒtsʔ dʑɸgʰʕtsfɳɬsᴵ ᵡ tʃˌtɕjˌətstʃdʑtsʰ ɢ)ˌlsfɲʸ ə tʃdʑtslsdʑɸʃʕɢ), ʟɢ)ˌlsjˌdʒə fɳɬsʙɢʕlz qʃ, dʑ·ʕtsdʑɸɥ, ə fɳɣʰ jˌfɳɬsətstʃtɑtslsqʃətstʃtsdʑtsʏjˌdʑtsgʰtstʃtsdʑ·), ə dʑɸtsʜlzʰ jˌədʑɸdʑ·dzᶻ ʔ tʃtɕjˌʜdʒɸls. ʍtslsʷ fɳɖjɸdʑ·tɑtsdʑɸʔ tʃtɑtsqʃfɳ⁼tsʜqʃls ə dʒgʰdʑtsəjˌdʑ·ɸjˌ tsʕ), tsʰ lzʰ jˌdʑ·ɸʷ dʑ·fɳɬstsdzˌʕts tɕjˌɢ)·dzˌdzᶻ , ɥɬstsˌdʑɸls lsɢʕtsʔ fɳɢʃdzᶻ , ʕtslststɑ·ɢ)ʸ tʃjˌtɕjˌlzʙjˌʜqʃdʑ·ʙʳ fɳɬsdʒɖ·dʒəlzdzᶻ ə lstsdʒ ɥɬstsˌdʑtsəʳ ʔ tsʙtɑ·ɢ)ˌl ð ɻlstsˌdʑɸˌtsdʑ·), ɢ)ʕlstsˌlstsˌʜtɑdzgʰtsʔ . ɾ jˌdʑtsˌʜtsˉtsʜqʃlsˌʜtsˌlstsˌgʰtsˌ, ɥɬstsˌʕtsgʰʜɢ)tsdʑ·fɳɖjɸtsəjˌdʑɸˌtsˌlɢ)ˌtsgʰtsˌ, ɥɬstsˌtʃtsfɳɣtɕjˌlzʙjˌʜqʃdʑ·ʙʳ fɳɬsdʒɖ·dʒəlzdzᶻ ə lstsdʒ ɥɬstsˌdʑtsəʳ ʔ tsʙtɑ·ɢ)ˌl. ʂ ɢʕ-lstsˌʀ . ɪ jˌtɑdzɢjˌʔdʒlɢ)tsʜqʃdzᶻɥɢ)ʃʃtɑtsəjˌdzfɳɖʃʜjˌdʑʕlz fʁtsjʔ ʕdzɖʃʕqʃ ɥɬ tɕjˌlˌəfɲjˌətslɖʒsʏjˌdzᶻ jˌfɳɬsʜjˌdʑɸlzᶻ ʰjˌədzᶻ jˌ fɲɬsfɳɬstsʷdzɖʃʷ: gʰtstɑ·ʜtsfɳɬsᴵ , gʰdʑɸˌə, əjˌfɲjˌdɬsfɳɬsᴵ , fɲjˌtɑᴵ jˌlɢɬsfɳɬsᴵ , dʑjˌgʰʕtsdʒʳ fɳɖjɸˌdʑɸɬsfɳɬsᴵ , ʙdʑ·gʰtsʏjˌdʑ·gʰlsjˌdzᶻ dɬsfɳɬsᴵ , dzᶻ ʙtsəᴵ , lɢ)əqʃfɳɬsᴵ , dʑ·ɸʙtsʏjˌdɬsfɳɬsᴵ . ʕ lsʃqʃdʒtsdzᶻ⁼tslsjˌdzʃtsʕɢ)lɢ)ɬsᴵ , ɥɬstsˌdʑ·ɸ ɥɲˌdɬsəjˌɥɲˌfɲʕtsʔ ʜlzʰ jˌ dʒtsʏjˌdɬs qʃgʰtɑ·ɢ)ɬsᴵ , ʕɢʕ dʑ·ɸdʒʏlzʳ ʕɢ)dzˌdɬsdʒqʃdʑɸfɳɬstɑzdʒjˌdɬsjˌ. Çɪtsdʑɸjˌəɢ)ʏjˌdɬsjˌ,ð gʰtsətstɑqʃlsɪjˌtɑdzɢjˌʔdʒð lɢʕdzᶻ ɥɢ)ʃlsfɲʸ ə lstsdʒ ɥɬstsˌtʃtsfɳɣtɕjˌʜfɲɬsətsdʒədzᶻ jˌdʑɸʷ dʒtsʏjˌdɬs ʜtsfɳɬsʃɥʲ dʑɸˌlstsdzˌʕts ətɕjˌdʒjˌdʑɸɬsɢtsˌqʃlɢdʒjˌdʑɸˌdʑɸʷ⁼tɑ·ɢʕlsjˌtɑɢ)ˌdɬsˌʃɢʕ dʑ·ɸdʒʏlzʳ ʕɢ)dzˌdɬsdʒqʃdʑɸfɳɬstɑzdʒjˌdɬsjˌ. ç ɪtsdʑɸjˌ əɢ)ʏjˌdɬsjˌ,ð gʰtsətstɑqʃlsɪjˌtɑdzɢjˌʔdʒð lɢʕdzᶻ ɥɢ)ʃlsfɲʸ ə lstsdʒ ɥɬstsˌtʃtsfɳɣtɕjˌʜfɲɬsətsdʒədzᶻ jˌdʑɸʷ dʒtsʏjˌdɬs ʜtsfɳɬsʃɥʲ dʑɸˌlstsdzˌʕts ətɕjˌdʒjˌdʑɸɬsɢtsˌqʃlɢdʒjˌdʑɸˌdʑɸʷè. ɬ jˌətɑtsdɬsgʰɻ tsdzᶻ ʈ qʃʰ jˌ, fɳɬsɢ·ʰ qʃʔ gʰfɳɣʃfɳɬsjˌdɬsz ɢ·ɑʕts, tʃjˌtɕjˌʜɢ)jˌlsɢ·əɢtstɑ·ɢ)ʏ qʃəɢ·ʸ ʰ qʃjˌ fʁjˌʜjˌdʑɸʷ ts fʁtsjʔ qʃfɳʃʳ lsʒjˌdʒtsʔ ʜᵡ ɢ·ɑɖʒɸˌ. ɻ tsʜ ətsɢ·ʜjˌʔfɳɬsɢʃjˌdʒədzᶻ jˌdʑɸʷ tsdʑ·tʃtɑqʃdɸʒ·ɖʒ·ɢ·ɑʷ dʑ·ʕtsdzʜlz⁼tsə ɢ·ɑ·ɖɬsˌ, ʙtsʷdʑ·fɳ qʃdʒtʃtstɕjˌɢ·ɑɬsᴵ fɳʸ; fɳɖʒʰ ɢ·ɑɖʑʙɢ·ɑɢ·ʙɢ·ɑɖʒᶻ ʔ ʙtsʔ qʃdʑɸqʃ tʃtɑqʃfɳɣlsfɳɬsətsəɢ·ɑɖʑ·dʑ·ʕtsdzɹjˌtɑdsjˌ ə lstsətɕjˌdʒʷ, ʕɢʕ dʑ·ɸfɳ·ɖʒtsdʒʜjˌdʑɸˌdʑɸˌtʃtsʜɢ·ɑɖʑʕlz ʙqʃdʑɸqʃ ə lsɢ·ɑɖʒsɢ·ɑɖʒ dʑ·⁼tsʜqʃdʑ·ə ɻʷ qʃtɕjˌ əʕlzfɳdʒɣfɳʕlzfɳɢ·qʃ ə tʃtstɑtsʰ ʕjˌ qʃɢ ɢtstɑᵡ ʕtsʔ lsʳ ʕəʳ əʕlzfɳfɳɖʒstɑtsʜqʃdʑɸətsgʰtsˌ fɳʃtɑtstʃɢ·ʙʳ dʑ·ɸlzəjˌtɕjˌdʑ·), ɥɬstsˌjˌjˌ ʙɹᵡ lsqʃdʑɸqʃ ʰ jˌʕtsɥlzlsə lstsˌətɕjˌdʒʷ, ʕtsgʰʜɢ)ʕ dʑɸˌʔ dʑ·ʃʕlstsˌdʑɸˌ tʃtɑqʃʕɢ)fɳɢ·ɖʒɣlzʰ ʕjˌ qʃɢ ɢtstɑᵡ ʕtsʔ lsʳ ʕəʳ əʕlzfɳɣ

[illegible]

* [illegible] (Richet Charles Robert, 1850[illegible] 1935) [illegible] (1898 [illegible]), [illegible] (1914 [illegible]), [illegible] (1932 [illegible]) [illegible] (1933 [illegible]), [illegible] (1913 [illegible]). [illegible], 2004, [illegible] 410.

ç ɪ ʘ·ɠ ɕʃʃ dʑslsɕʃʟ ɕʃ tɑtsəʘə ʊ ɟ tsʜtstɑʘ ə dʑʑʰ ʘʸ ɟ dʒʐ tʃ ɕʃlsᴵ ətsʜlz, ɕʃ tsdʑ tʃʲ ɟ ls ɕʃʟ ətstsʙ tɑʘ ɕ ʘ·ɠ dʒtsɠ ts fŋʃsʘ‡ ʘdʑʘ; tsdʑ ʕ dʑʘ·ʜɟ ls ə tɑtsls ð tʃts dʒtsɟ dʒʐ tʃ tɑɕʃʕ‡ʘʟ·ʘdʑɕʃᵍ ð ʙtsdʑʰ ts‡ ʕ lzfŋtsʕ fŋtsdʑɕʃ, tʃ tɑɕʃ dʑɕʃ dʒʘʸ lʘfŋ·ʘ·tɑs, fŋtsfŋj ls ɟ ɟ ɕʃ dʑ·ʘ·tsʜɕʃls, ʋʅstsətsdʑʘ·tsʋɟ dʑ ɠ fŋdʑʘ·ʜ‡ʘʘʸ; ʷ fŋ tʃ dʑ ɟ dʒʐ dʑʘʷʟʳ ʕ fŋj tɑɑtsʕ‡ɕʃfŋdʑ ‡ ʔ ɕʃ dʑɑɕʃ dʑɕʃ ə dʑʑʰ ʘʸ , ʋʅstsᵻ lsts fŋdʑʘ·ʜ‡ʘʕtsj əɟʰ ɟ fŋtsətɑs, tsdʑɕʃ tʃ tsfŋdʑɟ tʃ tɑtsʙ lzɤ ʜj dʑɑʃʷ tsʰ lzʰ ʘɟ ls ətstɑtslz fŋdʑʘ·ʜtsfŋtsᴵ . ʗ ʕ dʑʘ·ʜlz ɟ dʒʐ ə tɑtsls ʕʘɑʘ·dʑɑʜʘʸ , lzəɟ tɑʷʷ, ʋʅstsᵻ lsts fŋʃɠʘɑʘ) tsdʑəʳ tʃ lzfŋʕʘɟ ls ʕ dʑʑʙʳ ʜʳ dʒʘ) ʷ ʜʘʸ ɟ dʒʐ ə tɑtsls ɠtstɑʷʰ ɕʔ ʕ tsdʑɟ ʋ dʒdʑʃdʒtsʔ fŋʃɠʘɑʳ , tsdʑ·ʋʅzəfŋtsəlzɟ ls tsɤ tsɠ; ʷ ɠtsətstɑᵍ , ʋʅstsfŋʃɠʘɑʘtsʋɟ dʑ ʕ tɑɟ tʃ ʕʘʸ, ɕʃ tsdʑ·ʋʅzəfŋtsəlzɟ ls fŋɟʙʷ tʃ dʑtsˉts: tʃ tsʷəʤʷɟ lsfŋʸ fŋʃdʑ dʑ ʔ ʕʘᵈ ɟ dʑ , tsdʑtʃ dʑ ɟ ls, ʋʅzəfŋtsəlzɟ ls lstsʰ dʑslsz, ʙdɟ ʜdɟ ɟ ls, tsʰ lzʰ ʘɟ ls ɠtsdʑtsəts‡ tɑlzɤ ɟ dʑʃɟ . ʗ tʃ tɑɟ ʜdʑʘʘʸ fŋtststɑtsɤ lz əʟʷlsᴵ tʃ tɑtsʙ‡ lz tsls ɠtɑʘʷ ɕʃdʑʘɕʃ əʤʑʰ ʘʸ , ʋʅstsᵻ lsts tɑtsʟʘ ʃ dʑ lstslsuʘfŋɤ ɟ dʑᵏ ˉʘɟ ls tʃ tɑtsʙ‡ lz, tʃ ts-əɕʃʜɕʃdʒtsdʒz, ɕʃfŋʃʳ lsʳ əʘʸ tʃ tɑɕʃᵻ lstsdʒʙtsdʑʰ tsɟ lzʜtsətsdʑ fŋtsəɕʃɟ .
"ʏ lsts əʳ ʜɟ dʑʘɟ lsɟ ? ð ətsfŋʃ dʑɑ‡ʤʑdʑʷ.ð ˩ ɟ ʜᴶ ᵻ lsts ətsdʑ ʋʘʸ fŋɠtsdʑ‡ʘ·" ʃ dʑəʤɟ dʒɟ ʜdɟ dʑʤs fŋ tslsətɑʘʰ ɟ dʑɑʃɟ dʒ tslsʰ əʳ tɑdʑʤdʑtʃ tɑtsʙ‡ lz, dʑʘʋʘdzəʳ lsɕʃtɑʘlsᴵ tɑzʕ‡ɕʃ ɕʃ ɤ ʘdzsəʘlsᴵ fŋʸ, ʋʅstsətɑzʕ‡ɕʃ ʜlztɑdʑs tʃ ɠ˩ dʑʤls. ʗ əɟ dʑʸ ɟ dʒʐ əʳ tʃ ɕʃlsᴵ tʃ tsʜ əɕʃʜtsdʒʰ ʘdʒʃʘdʑ‡fŋtsɠts fŋʃsʘ‡ʘdʑətsʜʳ , ɕʃ tsdʑʤdʑ˩ tsʜɕʃls ɟ ɠts ʕtɑɟ tʃ ʕɕʃdʒ ɻ tɑɟ ʜdʑʤʘʸ əʳ tʃ ɕʃlsᴵ dɟɸ fŋʃtsdzʕ‡ts fŋʃsʘ‡ʘdʑəs, tsdʑtʃʲʷ dɟɸ ɟ ls ɕʃ dʑʘʋʘɕʃ dʑɑʃɟ ls tʃ tsʕ‡ʘʋʘɕʃəʘlsᴵ fŋʸ. ʗ ɠtsətstɑᵍ :
"ˎ ʘʸ ɟ tstʃʲʷ dɟɸ dʑɑʃɟ əɟ fŋj dʑtsɟ" ð tsdʑtʃ tsɟ ls fŋɕʃʕtsltsts? ə ɠtsdʑtsfŋj . ʗ əʳ lʳ əʘʸ lz dɟɸ ɠts tʃʲʷ dzʔ ʔ fŋdʒɟ˩, lʘʷəɕʃə: "ˎ ʘʸ ɟ tsʃʲʷ dɟɸ dʑɑʃɟ tʃɟ ʋʘdzdʑtsɠts˩ʘɑʘ‡lsɟ tɑɑ,ð tsdʑʃ dʑʘʋɟ ls ɕʃ tʃ tɑɕʃ˩tsʜɕʃls ə tslsʋʘʸ dʑɑʃɟ .
ʃ lstɑɟ ləʤʷᵍ ɟ ɠts, tʃ tɑɕʃʕ‡ʘʑʘʳ əʘʸ ʕ ʤtsfŋz dʒdʑʃdʒʳ ʔ dʑʘᵈ ʘlsʳ tɑdzʔ fŋtʃɕʃtɑls, tsdʑtslsʕ‡ɕʃʜʳ əʘɟ lsfŋʸ dʑʘlʘʜ, lʘɤ ɕʃdʒʘʸ dʑtsʟʜtɑɕʃ ɕʃ lʘʕ‡tɑʳ əʘʸ ɠdʑʘlʘ) lʘʜʳ ˩ʘɟ ls fŋʸ tslslʘʕʃʘʸ ɠdʑʘlʘ, tsdʑtslsʕ‡ɕʃʜʳ əʘɟ lsfŋʸ dʑʘlʘʜ, lʘʜ ɕʃdʒʘʸ dʑtsʟʜtɑɕʃ ɕʃ lʘʕ‡tɑʳ əʘʸ ɠdʑʘlʘ) lʘʜʳ ˩ʘɟ ls fŋʸ tslslʘʕʃʘʸ ɠdʑʘlʘ

jɡtslzhjtɛɤɪɑlsᴵ . ɸ ʕtsɡʰhɑɔtʃtsh ʕtsɑʒɸɥɻʷfɱʃtɛʷlsɑɔlzfɱsɘtsʕ ɑ̃ ʟɑɔʸɘɑ̃ɑz,ɥɻstsɘtsʟɑɔᶻ ʙɑʒɸɥɑzɑɔʸ jɡtslzɑʒjtɛɑɔɑ̃,tsɑɔ
ɘtʃɑɔlzɘ lsɑʕtsj tslsɥɑɔʸɑɑɸɻj, ɥɻstsʙtɛtsfɱɡ̃ɑɔɑfɱʸ ɑɔɑ̃tʃtsɑɔzɑ̃ fɱjsɑɔlzʙɑ̃ɻsᴵ fɱʸ ɡtsɑɔzɘtsʔ tsʙ fɱjsjɑɔlz... ɾ̃lzlsʷ hlzɑɔlzɑɔjɑɔʒlz
ɘ ɑɔɑ̃ɥts, ɑ̃ tsɑɔzʃtɛtsfɱɡlzɑɔɑfɱʸ ɘjfɱ ɘ fɱɡljʟɑʕè.

ɾ tɛlzɡtsʔ tɛɑ̃fɱfʕɑʟ tʃtɛtsʷjɻfɱɱstɛɑɔɹjtɛɑɔɻʔɑʒɑɔtslsɑɔzsfɱɡ̃lsfɱʸ ʕ ʷ tslstsɡtɛɑɔʷlz ʜ ɑɔɘɑɔtɛɑ̃, 44 ɑ̃jls. ɕʂ tsɡʰhɑɔtsɑɔzɘ
fɱsɑʒɑ̃ɑɔɑʒʙlzɑɔɑ̃ʟɑʒɻ,ð ɡtsɘtstɛɑ̃lsɹjtɛɑɔɻʔɑʒð tsʙɑʒɑɔlzᵏ ɥlzɘfɱɻɘ lz ɑ̃jɡtsɑʒɻsɤɑɔzɻɘʳ lɘɑɔlsᴵ ɑʒɡɑɔzɻɘjɑɔɑ̃zɻs. ɕ
ɑʒɻsɡɑlz ɘʳ lɘɑɔlsᴵ lz ɑ̃jɡtsɑɔzᵏ ʙʳ jɻ lɛtɑ̃lsjɑɔzɑɔzᵏ jɻ ɡɑɔɑ̃zɑ̃ ɥɑ̃ɑ̃ɑɔɥɑ̃ɑ̃. ʃ ɑɔzɘɑ̃ʜɑ̃lsɘtstsʙtɛɑɔɤɑ̃jɑʒɻsɡtsɥʃlzhjɑɔᵂ,
lstɛɻsɡɑ̃jlsjɡtsɻɘʳ tɛɑɔɤɑ̃jlsfɱstɛɑɔʕʙʳ lsᴵ ɑ̃ɑʒɑ̃lzʕlzʰ jɑ̃zɑ̃ɑ̃ɑ̃ɔ ɑʒɑ̃ʙʳ fɱstɛɻs tslsɑ̃zɑ̃ɑʒɑ̃jlstɛɑ̃zʕlz. ɹɑ̃lsjɑʒᵂ ɘɑ̃ɑ̃zʰ ɑɔʸ
ɥʃtɛɑ̃ɑ̃ɑɔfɱʕɑ̃lsᴵ ɑʒɑɔɑ̃jɑ̃zʕlzᵏ ʕtsʰ jɻɥʕlz. lɑ̃ɑɔʕtsɑ̃jɥ,ʷ ɘʳ lʳ ɘɑɔʸ ɥʃjɻtɛɑ̃jʜ ɑ̃zɑ̃ɑ̃ɑʒtsʙtɛɑɔʟʳ lɑ̃zɑ̃ʕtsɑ̃ʒ ɾ̃ ɑ̃
ɥʃtsʕɑɔʟʳ ɘɑɔʸ jɻɑ̃ʒɑ̃zjɻɡtsfɱ ɑ̃zɑɔ) ʕtslsɻstɛɻsɡtsɻtsɑ̃zɑ̃jɑ̃ ɘɑ̃ɑɔʜjɻɑ̃z8 ɑ̃jls. ʃ ɑ̃zɑ̃zʟɑ̃zɑ̃ɑɔjls jɻɡtsɻ, fɱɡljʟʳ ɑ̃zᵏ lsfɱʸ ɑ̃ʟ ɡɑ̃zɑɔʟ. ʜ .
ɑ̃fɱɡʳ lsʳ ɘɑɔjls,ɥʃts-ɘɑ̃ɑ̃ʜɑ̃ɑ̃ʒɑ̃ɑ̃ʒɑ̃ɑ̃z,tsɥjɻɑ̃zᵏ fɱɡjɑ̃zɑ̃ɑ̃ɻsj ɘtsɑ̃ɑ̃zɑ̃jɑ̃ɑ̃ɻjè.

ʀ ɥʃtʃtsɑ̃ɑ̃ɑ̃lsɹjtɛɑ̃ɑ̃ɻʔɑʒtɛɑ̃fɱfʕɑ̃ʟʳ ɘɑɔjlstsʙ tsʃʳ lsj, ʕtslsɻstɛʳ ʔ tsɑ̃zɥʃtɛɑ̃tsɘjɻɑ̃zfɱɻfɱɱslstɑ̃zʜɑ̃ɑ̃ɑ̃ɥjɻʔ fɱɱtsjɻɡtsɑ̃
ɡtsfɱɥʃɑ̃ɑ̃ɑ̃lsɑ̃ɑ̃zᵂ, 50-ɑ̃jlsɑ̃jʔ ʕɑ̃zᵏ ɥɑ̃ɑ̃ɑ̃ɑ̃ɥjɻʔ, fɱɱstɛɑ̃ʜɑ̃ʃʰ jɻʔ tɛjɘɑ̃ʒɑ̃ɑ̃lsɑ̃ɑ̃ɥjɻfɱʕɑ̃ɑ̃ɑ̃ɑ̃ʒɥʃʙtsɑ̃ᵂɑ̃ʒɑ̃ɑ̃ɥʃɑ̃ɑ̃ɑ̃ɑ̃ʒtsʜʷʰ jɻʔfɱʸ lz ɑ̃jɡtsɑ̃
ɥʃtsɻlstsɑ̃jzɥʃtsɘtsʜlz ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɥjɻɑ̃ɑ̃ɑ̃ɑ̃ɑ̃. ʃ ɑ̃zɥʃtsʜɥjɻtɛʕɑ̃ɑ̃ɘɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃

[illegible] 1864 [illegible] 1867 [illegible] 25 [illegible] 1872 [illegible] 1870 [illegible]

[illegible]

* [illegible] 1870–1871 [illegible]

[illegible]

нɔ·ɬj dɑ·нtɑzɠlzᵍ fɳststɑtsɕdɑz нtstɑtsɠɕʃ, ɯɬstsʙʳ ʃʃtɑɕʃfɳɣlsfɳsɔtsɔ·ɬsᴵ dɑ·ᵘ ʕfɳʃj tɑɕʃɕʒj ɕdɑsɔ·ɼ, tsfɳɣʰ j fɳsɔɕzʷj ɕʒʳ ⊐ tɑʷнtsɔʳ ɕʒɔtɑ·ɔɯtsɕʒ ɸ ɹ j tɑɕɑzɠj ʔɕʒ lzʙj нʃɑɔʰ ʃʃfɳ ɔ нj ʔfɳsɔj ɑzɑsfɳsʃ ɕʒjlstsн·ʃ ɹ j ʙts, ɑzᵩ ʃʃtsfɳsʳ нʃɕɑzɳʸ fɳs·ɬsᴵ j ɠts lzɯj ɑzɑʃʕtsɕʒ ʃ ʃʃtsfɳɑzj нtsɔ·ɬsj ɑzᵩ ɕʒ, ʉ tsɔɕʒj fɳsɑ·ʸ tɑ·ʙtslsɔfɳʙɑzʃɑ·ʃɕʒ. ɹ fɳʃtstɑj, tsʙʲ j нʃɑzɑʃɔ lzfɳʃʃɑzɑʃʷ, lzɯʃʃlsj ɑzˍ ʃ lzɯj ɑzɑʃʕ tslsʕtɑʳ ɔ·ʸ ls fɳtsʙ fɳsɔj ɑzɑzᵍ ʕɑzʃɑzɑʃʕlz, fɳs·ɔʰ lzᵍ ʃʃtsʃfɳsʃɕʒᵩ ɠɕʃʃdɑslsʃɯj fɳʃtsʔ ʃ j ʕʕtsʔ lstsɠн·ɔʸ ɑzᵩʔ ʅ ɔtɑtsʃʳ . ɹ tsɕʒj j lstɑʃнɯ·ɔlsʃ lsʳ fɳʸɯʙtsɑz ɑzˍ ⊐ ʙʳ ɑzʃ ʃʃlɑzᵩ ɯj ɑzˍ ɔ ɑzᵩʔ lɔнɔ·нɔ·нɯ·ɔlsᴵ ɑzᵩls.

ʀ fɳɳʃɑzᵩ нtsɔ·ɔɑzɑʃʷ ɹ j tɑɕɑzɠj ʃʃɕʒ·ɔʃ ʃ ɹ j ʙts ʃʃts ʕ·ɔlɔɑzʃ, ʕɔʕlzᵍ ɔʳ ɠtsнlz ɕʒʃsɤ j ls ʃʃtsɑzzɯʃʃlsᴵ lsj tɑ·ɔʃʃɕʷ tsls ʃʃtɑʃɕʒj ɕdᵩj ɑzɑʃʷ ɔɑzzʰ j ɑzɑʃʷ. ʃ ɑzʃ нtsʕ·ɔlɔɑzʃ, ɯɬstsɔɑzzʰ j ɑzɑʃj ɕʒtsɤ j ls ʙʳ lsᴵ ʃʃtɑʃɕʒj ɕdᵩɑs ɕdᵩ lstsɑzʕtsʃtɑʃ ʃʃfɳsj tɑʃɕʃ ɕ ɯʃʃfɳstsɑzᵩtɑɔzˍ ⊐ tɑ·ɔfɳɳstɑtsʔfɳsɔ·ɼ, ɑzɑs ɕ ʃʃtɑʃ нtɑzɠɕʃ⊐, fɳ·ɑzʒ ⊐ tɑ·ɔlɑztsʙtɑ·ɔlɑzˍ ⊐ ʙtsɑᵩlɑzʷ⊐. ɿ tɑtsɔj нj ɑzɑzˍ j ɕʃɕʒʃ ɹʕfɳj tɑʃɕʒj ɑzɑsʳ , ʃʃts fɳɑtsɔ·ɑzʒʃʃtɑtsʷj fɳɳʃstɑ·ɔɹ tsɑzʃ, tslsʕtɑʳ ɑzʃ ʃʃlzlsᴵ çɑ·ɔfɳstsʷʰ j ʔ lzɕʒfɳsɔj ɑzɑzʔ ɕ ɑzɑ·ɔɔfɳsɔj ɑzɑzʔ lsj tɑ·ɔʃʃɕʃ, ɕ, ɕʒtsɤ j ls ʙʳ lsᴵ, ɑzᵩ нɔ·ɑzᵩʕ lstslsнj ɑzˍ, ʕtsɠн·ɔʃʃj нɔ·ɑtsɠɕʃʕj ʃʃtɑʃнj lsfɳʸ fɳɯɕʃlsɔ·lsᴵ fɳʸ fɳɔɑzzʰ j ɑzɑʃj ɕʒ ɕ lstsɠн·ɔʙlzнj ls ʃʃtɑʃɕʒj ɑzᵩɑs lsts, ɯɬstsʃʃts fɳʃʃtɑ·ɔɔj нɑzʃɔtsfɳsɕ ɑzɑ·ɔlɔ·ɑzɑs ɕʃɕʒʃ ɑzɑ·ɔɔfɳsɔj ɑzɑzʔ tstɑlstsʃʃj нɕʃj ʔè (ɹ tsɑzʃ, 1888).

ɹ 1884 ɠtsнlz fɳɔj tɑʕɑzzɑ·ɔʕɑzʃɠ·ɔɹ j tɑɑzʃj ɕʃɕʒ·ɔçDe la suggestion et de ses applications a la therapeutiqueè (ç.I dzzʰ j ɑzʃj ɕ j ɠts ʃʃtɑʃɕʒj ɑzᵩɑzʃj ɔ lsj tɑ·ɔʃʃɕʃɕè), ʕtslststɑ·ʸ, ʕ·ɔʕ ɑzʃlsᴵ ɸ tɑʃ·ɔнɑzˍ , lzʕ·ɔlɔ·ɑzɑ· нtstɑtsɠlz ɔ lɔʃʃlzls·ɔɑzɑsɑzʒɑzɔʙɕʃtɑʃɑzsj ɠɕʃʃdɑslɔ·ɹ ʕ lsɔʕɑzʃɠ·ɔʃʃtsɔɑzʷɑz·ɔɑ·ʃtɑtsɠtɑj fɳɳɕʃнj ʔ ɠɕʃʃdɑslsɕʃlɑʒɔ· ɯ dᵩ нlzj ls ʃʃtsнɯj tɑʕɑzzlsᴵ ɔ·ɬ ɑzˍ ʔ ɕʒtsɑzj ɑzɑs: tɑ·ɔʙtslsʳ ʃ ɹ j ʙts ɕʃ ɔ tsfɳtsʙj ɑzɑzsfɳsɕ нɔ·ɑzˍ ɑzᵩʔʰ j j tɑ·ɔlɔɕʃlsɕʃj ɹ j tɑɑzʃj ɕʃɕʒtsɕʒlsj tstɑɕʃɕ ɔɑzzʰ j ɑzɑʃʷ ʃʃtɑtsɑzɤ ɕʃɑzˍ нtstɑtsɠlz ʃʃfɳʃ⊐tsɑzsɠɕʃɕ, ɕ ɔ ɯʕfɳsɑzsfɳsɕ ɕʒj нɕʃɯɕʃɑzɳʃtsʔ ʃʃfɳʃ⊐tsɑzsɠɕʃɕ. ɹ ʕtsɑzɯj ʕtsɑzɯtsɔ ɕʃɕʒ ɑzɔʃ ɹ j ʙts ɕʃ ɹ j tɑɑzʃj ɕʃɕʒ·ɔ ʕtslststɑʳ j ɔ fʙtsj ʔ ʃʃtɑʕ·ɔlsɕʕj ʃʃtɑɕʃнɔ·ɔɑzˍ ʙtsɑzʰ j j lɑzɔ·ɔɯj ɑzɑʃj ɔɑzzʰ j ɑzɑʃᵍ , ɯj ɑzɠɕʃʃdɑslz, ʙʳ ɑzˍ ɔʃɕʃfɳɔzzˍ ɔ ltsɑzslsᴵ j fɳstɑ·ɔɑzʃɯʳ ɕʃfɳsstɑɕʃɕ ɠɕʃʃdɑsɑzsɠɕʃɕ.

l j tsʙ⊐tsнɕʃʒtsɔfɳʃtsɕʒɑzʃlsᴵ , ɯɬstsʃ ɹ j ʙts ɕʃ ɹ j tɑɑzʃj ʔɕʒfɳs·ɔɑzˍ ɔ lsɔʕtsʔ ɕʒj tɑj ɔɬststɑʃlsj lsdzˍ , ɔɕʃ⊐ lzfɳʃj ⊐ɕʃ ɔ ɕᵩ ɯj ɑzʃɕʃ ɔɑzzʰ j ɑzʃj ɕʒfɳstsdzˍ lɑ·ɔɯʃlsj ɕdzˍ dzˍ , ɯɬsts ʌ tɑj ʔн, fɳstsɑʕɑzzɔʰ ɕʃfɳ fɳɕᵩj fɳʃtsfɳsʙɑzsfɳsᴵʁ lstɑ·ɔнɕʃɯʃtsɑzɑsʔ ɕʒj нɕʃɯʃɕdzˍ ɕᵩj ɯʃʃlsᴵ ɕᵩjɔtɑsLʳ , tʃtɑʃj ⊐ɔlzʕ ɑzʃɕʒtʃtslzɯʃʃlsᴵ fɳʸ tʃtɑʃɕʒj ɕdzʷlsᴵ ɔɑzzʰ j ɑzʃj . ʊɔʕ, ɔ ʙlzнlzʰ j ɕʒLɑ·ɔɑzʒj ɑzʃlsʳ ʔ ɕfɳfɳɕdzj нtsɔ·ɔlsj ɕdz tʃtsнfɳsLɑ·ɔlsj ɕdz ɑzsʔ ɤ ɕʃLɑzʃ, tɑ·ɔlɠtɑj ʙɔʰ ɕʔ ɔtʃtsfɳɕdzj нfɳsɔɕʃ tʃtslsj ɕʒʕɕʃ ɯj ɑzsɔj ɯj fɳʃʕ⊐ нlzʰ , fɳs·ɔ lzɯj ɑzɑʃʕtsɕʒtʃtɑtsʷj fɳɳʃstɑ·ɔɹ j tɑɕɑzɠj ɕʃɕʒ·ɔɕ fɳʃtɑtsɕʒɑzsɠtsfɳj ɕdz fɳʃtsɠtsɔtɑ·ɔɯ·ɔʃ ɹ j ʙts, tsfɳs·ɔɕʃɕzɑ·ɔɑzʃɯj ɑzʕlzʕɕʃ ɕdᵩlzʕɕʃLɠɑ·ɔнɕʃɕʒ ʔ fɳɕdzн.

[illegible]

[illegible]

[illegible] (ſ [illegible], 1913, fŋ 140).

[illegible]

[illegible] (ş [illegible], 1878, fŋ 23).

[illegible]

[illegible]

[illegible] (Beaunis, 1830ð 1921), [illegible] (1886), [illegible] (1888), [illegible] (1889) [illegible] 1885 [illegible]

[illegible]

[illegible] 1889 [illegible] çEcole des Hautes Etudesè [illegible]

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∫ ɑ[⊐ⱺɑ[ɑzz, ts?ʷ ʷj ls

ɑj tsʙʳ ɥ[ⱺ?ɑzs? ɑj Gɬtsfɲsɑ[ɑ fɲʃtsfɲtsʙɑzsfɲsɑ[ɑj lsⱺls , ɬⱺɬ-lsts tɑj ʰ ɑ[ɑzʃtsɑj lsj ls . ∫ ɑzçəʳ ʃtstɑ⊐ɑlzɑè ɑ[L tsɬɑzⱺ ɑzs ʃts fɲɥ[ⱺfɲsɑzɑ[əts? fɲɑlz ɥ[ⱺ?ɑzsfɲsɑ[, ɑzⱺ⊐tsʜʷfɲ ɑzⱺʃj tɑətsɑʒᵘ lsⱺɬj , ɑj tɑⱺLʙɑ[ɑfɲʸ ʃtɑ[ʃⱺʜj ɑzɑ[ɑ[ɑzⱺ Lj ɑʒɑlzʸ . ∫ ʃtsɑj lsj , ʃts j Gts fɲɑlzsəⱺɑlʒ tsɑzɑ[fɲʃʳ ls əⱺlzɑj lstsɑlz ɬts ɑj Gɬtsfɲsᵘ fɲətsɑ[⊐ ɥ[ɑj ɑzsə, ɑzs ɑ[tsʰ lzʰ j ɑzɑ[j ətsLʜlz⊐ⱺ, fɲɬtsɑlz Lɑ[əʰ j Gts ʃts j Gts ɬtsɥj .

ɻⱺɑlzʸ ɥ[ɑ[ɑzⱺɥ[ɑ[lsj ɑj fɲɑlzsGts ⊐ⱺɑⱺɬlsj tɑⱺɑ[ʒtsGlzls ətsLɑzɑ[ɬⱺls ə ʷ tstɑɑj çʃj tɑj ətsʃ ɑzsʰ j ɑzɑ[ʷè fɲⱺɑ[ʒsGts ʙtsɑlz ɑzsGts ə tɑⱺLɑzɑ[ɥ[ɑlz ⊐ ɻ ɑ[ətslsɑlz ⊐ ɑ[ɑlz ʜj ?. ∫ ʜɑzⱺʙtsɑlz ɑzⱺʸ Lⱺʸəɑlzʷɑzⱺ ɥ[lsts tsɑzⱺʃtɑj ətɑⱺᵍ Gj lsfɲʸ ə ɑzsʰ ⱺʜᵘ : ɑzsGɑ[lz ɑj j ətsɑzsfɲⱺlsʳ j , fɲɬtsʃʳ lsⱺɑʒɑ[, tsls lsj ɑzⱺɑ[fɲ⊐tsʜɑ[ls ɬtsɑzɲɬɑ[? Lⱺʃⱺ⊐. ɾ tɑzGⱺʸ ʙtsɑlz ɑzⱺʸ, ʃtsfɲlstsʷɑzɑzs ɻⱺɑzsəⱺᵍʰ ⱺʸfɲʸ ɑzⱺLⱺʃⱺ⊐ ʜʳ ɑʒⱺɑ[ɬⱺɑ[ɥ[ɥ[ɑ[, fɲtstsʙʰ ɑ[ɑzⱺ ɥ[lsts tsɑzⱺʃtɑj ətɑⱺlsɑ[ɑzⱺfɲ ə ɬtsʃɥ[j ɑzsGts fɲʃɑ[Gⱺ ɬ lsts tʃtɑ[ɑjtɑ fɲʃtsɥ[j ɑ[fɲtsɥ[lsⱺɑzɑ[ʷ tsʙtsɑlzʷlsj ɑlz ɑzs? Gⱺɑzɑlz ɥ[ɑ[ɑzⱺɥ[ɑ[ɑ[fɲGⱺɑzɑlz ɥ[ɑ[ɑzⱺɥ[ɑ[j ? ɬtsɻɑzs-ɑlzʳ ʰ j ɥ[-ɑzsGts ɥ[lzəfɲtsəⱺ ∫ ɑzⱺɻj ʃtɑj ətɑⱺᵍ ⱺɑzⱺfɲ ə ətsɑ[ɬⱺ, ʙj Gⱺəʰ j Gts ʃts ɑj fɲⱺɑlzʒɑ[ʃtsɻ ɑ[tɑⱺəʰ j Gts lstɑzʃʳ ʜj lsj ?. ʀ Ləj fɲtsj ɑlzfɲɑzɑlzɥ[ⱺ?, ɬtsGʜⱺʙtsɑlz ɑzs? lzlsəj tɑɻ ʜⱺɑlz, ɥ[lsts ɬⱺɻ ʜⱺʸ ɑ[L tsʙj ɑ[⊐ fɲtstsɑtsɑlzj Gts lsj ɑzⱺʃj tɑj ətsʃ ɑzslsɑ[ɑzⱺfɲ ə tɑⱺLɑlz ⊐ ʃtsᵘ lstsə: ɑj əⱺʸ ə ɻ lzʰ ɬɑ[ɑzⱺ ʃtɑⱺəⱺʸ ə ʊᵍ lsɥ[j əⱺ ɻ tsfɲɬtsɑlz ɬlz Gⱺɑzɑlz ɥ[ɑ[ɑzⱺstsɑtɑlz j tsʙtɑⱺLʳ ə Gɑtsɑsɑʒⱺʜɑzsɑʒʙtsɑlzʰ ɑ[ɑzfɲjəj fɲɑlzɥ[ⱺj ə tsɥ[j ɑzɑ[əⱺʸ lsfɲʸ ɬⱺɬ tɑj ⱺɑlz ɑzⱺʸ ʜj ?fɲjəɑ[lsj ɑlz ɑzsfɲjᵘ , lsts ᵘ lsɑ[ɑʒtsʃtɑj ʜj ɑlzᵂᵍ lsfɲʸ tslsɑzsʰ j ɑzɑ[j ɬ ɑzɑ[ɑʒɑ[ʃtəj ʜj ɑlzɑ[j Gⱺɑzɑlz ɥ[ɑ[ɑzⱺzlsⱺɑ[ɑ[, əʳ tɑⱺɻj ɑzɑlzʰ j ə ɑ[ɑʒʃj tɑⱺlsɑ[əɑzs? ʷ tstɑɑj , Lⱺfɲjⱺəɑlzᵂᵍ ls lzɑʒⱺɑzɑ[ʰ j ɑzɑlzʰ ⊐ fɲɑj tslsətɑⱺlsɑ[ɑʒʳ ɑʒⱺəlstsɑʒⱺlsɑ[Lɑʒtsɑʒəʳ tʃtsɑzɑlzʷlsᵘ tʃtsʜɥ[ɑ[fɲʃtɑj fɲjlzʃɑlzʰ j ʜj ?fɲjəɑ[ʷ, ɬtsGʜⱺ ᵘ lsts tʃtsəj ɑj ⱺʸ ls fɲɥj ɑzⱺlsᵘ fɲɑlzʰ ɑ[ɑʒʳ j ɑ[ɑʒɑ[Gtsɑzsfɲⱺ ʊⱺɬ, tsʜɑzs? ʙtsɑlz ɑzs? Gtsɑzsfɲçʃtɑ[ɬ?Lⱺɑzè fɲɥ[j ɥ[fɲətsɑ[əj ʰ ɑ[; ʜtɑlzGts? ʙtsɑlz ɑzs? (ɬⱺfɲfɲɑ[ɬɑʰ j) Gtsɑzsfɲçʃtɑ[ɬ?Lⱺɑzè əʳ ʙtɑtsfɲɑ[lsᵘ ʜj ɑlzGɑ[; çGtsɑzsfɲⱺè ʙʳ əⱺʸ ls lzfɲjstɑⱺʰ ⱺʸ ʰ ɑ[ɑʒʃ: tsɑzɑ[lzGtɑtsɥ[ⱺʸ ls lzʙɑ[lsᵘ . ɻ tsʜ əɑzɑ[ʷɑzɑ[j ɑʒᵘ lsɑ[⊐ tsʙtɑⱺLtsə, Gtsɑzsfɲjəə ʙtsɑlz ɑlz j fɲjəj tɑʰ ⱺʸ ls lsj ɑ[ɑzɑ[ɑ[ɑlzʰ j ʃtsfɲjslzʃɬ?ɬɑ[(ɑzⱺʃtɑ[ɑj tɑ, lzʃtsɑʒʷɑlzlsʳ j ʙtsɑlz ɑlzʰ j ʜj ?fɲjəɑ[lsj ɑlz ɑzs fɲjɥ[ⱺɑzɑ[əj ʰ ɑ[, əʳ ʙtɑtsfɲɑ[ɑzɑ[ʜj ɑlzGɑ[).

ʀ ɑzʃj tɑⱺlsɑ[əɑlzʰ j Gⱺɑzɑlz ɥ[ɑ[ɑzⱺɥ[ɑ[ɑ[ɑzɥ[ⱺɑzⱺlsʳ lsᵘ ɬtɑⱺ?ɑj tsʃⱺfɲɑlzʰ ɬⱺɬ ʜɑlzʷ fɲⱺɑzⱺɥ[ⱺɑzⱺ ʙtsɑlz ɑzsGts, lsⱺɬ ɑ[-ʜɑlzʷ tsɬtɑlzɥ[ⱺʸ ʰ ɑ[⊐ j Gts ɑlz ʜj ?. ɻ fɲɑ[⊐ɑ[ⱺlstɑ ϕ . ϕ . ∫ j Gtɑtɑⱺʙʷɑlzʃtɑ[ɑətsʜⱺlsʃtɑ[ɑzɑj tɑ tsʜⱺɑzs? ɑ[ɑzʃj tɑⱺlsɑ[əɑzs? fɲɑlzⱺtsəts? Gⱺɑzɑlz ɥ[ɑ[ɑzⱺɥ[ɑ[ɑ[ɥ[lzʜtsəɑ[ʰ ɑzs ɑzj ɑzʃtsGts fɲtsʜj tɑɥ[ⱺɑzɑ[ʷ, ʃtsʜ əɑzɑ[ʷɑzɑ[j ɑʒɬ?lstsɑtɑs? ʃtɑj tsʜⱺəⱺlsj ɑlz fɲtɑj ʜɑj ɑ[ʰ ɬtsɑlz lzʙɑ[ɑzlstsʃtsɑtɑsɑʒtɑtsʜfɲjəj ɑzɑ[ɑ[ɥ[lz. ɬ lstslsʙtsɑlz ɑzs? fɲɑlzʰ ⱺɑlzGtsɑzsfɲ fɲətsj ? ɬtsʰ ɬɑ[, ɬtslstsɑtɑⱺʸ lstɑj ʙtsəⱺɑlzⱺtslsɑj tsGts lzʙɑ[lsᵘ tɑtsʜfɲjəj ɑzɑ[ɑ[-

ｳﾚﾄ, ﾉ･ﾀ ﾄ ﾄﾄﾄﾚｽ･ﾀ ﾌｳｷ ﾚ･ﾎ･ｳｷ, ﾚ･ﾎ･ﾚ ･ﾑﾄ ﾚ･ﾀ ｷ ｸ ﾃﾌﾂ ﾄ ﾚ･ﾎ･ﾚ ﾄ ﾂ

ʃ ɑʃ⊐Oɑʃɑzzˌ tsʔʷ⁄ʷjls

lsjtstɑʃʷ ðˡ lsts⅋tsɢʜOɑʃʟəjfɳʃsɑʒs çʃtsʊjɑʒɣè, ɑʒs ɑʒɰʷfɳɑʒs ç⅋G⅋è; ʃtɑG⅋lsɑʃ⅋Oð ⅋tsɢʜOɑʃʟəjfɳʃsɑʒs ç⅋G⅋è, ɑʒs ɑʒɰɑʃʟəjfɳʃsɑʒs çʃtsʊjɑʒɣè.

ɹtstɑʃtɑtsfɳɰɑʃɑʒjᵍ ls ɑʒʃ GOɑʒɣ ʊɑʃɑʒAʊɑʃɑ LOɢɑʃtʃɑʒslsɑʃLɑʃtɑtsəOɑʒɣs ɑʃfɳʃsɑʃɑʒɣ ʔ ɑʃɑʒʃ ɑʒs›ɣ ɑʒ ʔ ⊐OtɑG⅋lsjtɑ, ʷəɑʒʷjlsfɳʸ tʃtɑɑʃɑʒʌɑʃtʃɑʃOɑʒ ɑʒ ɑʒ, tʃtsfɳ⅋tsɑʒ⅋lz ɑʃɑʒjjlstʃtɑʃ⅋tɑʃɑʒAʊɑʃjɑʒ⅋tʃɑʒjtɑ, tʃtɑʃ tsʊjɑʒ⅋jfɳʒʜOɑʒʃ tslsəjlsfɳʃəjɑʒʌsfɳʃsɑʃ LO⅋tɑʃɑʒʃɑʒsɢjɑʒʌɣ jəɑʒʌʰ jɑʒʌʷ. ɭjtʃtslsjtɑʷɑʒᵘlstslsətsʃtɑtsfɳɰɳtsj ʔ G⅋lszOɑʒ ɑʒsfɳʃsɑʃ ɑʃə Btsɑʒjʰ ɑʃtɑts⅋tsɑʒGɳʃjlsj, tʃtsᵘlstsɑʒzə fɳjtɑjʜɑʃɑʒjtʃ⅋tɑtsʰ ɑʒsɢtsəjl⅋OfɳʃsOɑʒtʃtɑjʜɑʒjlstsɑʒ tsfɳʃstɢʳ ⊐ʜɑʃfɳ⅋lzfɳɰʔ. ʜtɑOlz fɳɑʒjʜlzjlsfɳ⅋OLOˢ, ʊlstsɢɑʃtʃɑʒsfɳʃsɑʒɣAʊɑʒ-Blzɑʒʌʃʊjfɳ⅋ɑʃjɢGOɑʒɣ ʊɑʃɑʒAʊɑʃɑ, ʜtsfɳʃsɑʃɢO ʰ ɑʃjlz fɳʃsɑʒɣAʊɑʒBlzɑʒtʃtsɑʒɣsɢtstɑOlɑəɑʃlsɑʃʷ, tslsɑʒsfɳʷlsfɳʸ ⅋ ɑʃfɳʃsɑʃɑʒɣ ɑʒɢGOɑʒɣ ʊɑʃɑʒAʊɑʃʷɑʒ ʃ ɑʒʌʃ ɑʒtsɢlzlsB ʳ lsˢ fɳtʃtsɑʒsOɑʒɣ ɑʒʃ ɑʃɑʒʌʰ jɑʒʌɣ ɑʒʃ ɑʃtɑjʜfɳʃsOəɑʒʷlsˢ əjfɳ fɳtʃj⅋lstɢ Ltɑʃlsjɑʒɣɑʒjɑ, fɳɑʒɣ⊐tsəʳ j, ə⅋lzfɳtsəʳ j, tsBtsɑʒɣlsjɑʒɣɑʒjɑ, lsG⅋lsɑʃɑʒɣɑʒjɑ, ɑʒʃʳ ʰ jʊɑʒɣjɑ, ʜəɑʃɢOsjɑʒɣɑʒjɑ ɑʃtʃtɑtsʊɑʃj GOɑʒɣ ʊɑʃɑʒAʊɑʃɑ.

ɾ -tɢɹtsɑʌʃ fɳtʃjʊɑʃOɑʒɣ ɑʒtsəʳ ʷfɳɑʒɣʷɑʒ,ɑʃɑʒjᵍ ls ɑʒʃ Ltɑʃlsjɑʒɣɑʒjɑ GOɑʒɣ ʊɑʃɑʒAʊɑʃɑ⊐OtɑG⅋lsjtɢɑʃtslsʊjlsɑʒʃətsfɳʃsᵘ ts^ɦ lzʰ jɑʒʌʔ, OɑʒAɑʒtsGɑʃʊɑʒjlsjɑʒ⅋⅋tslststɢʳ jtʃtɑtsɑʃLətsʜʷls əɑʒjʰ ɑʒʌʃjtsBʲ j⅋lsʳ .ʃ ɑʒəɑʒʌʰ OɑʒLOɢɑʃtʃɑʒslsɑʃLɑʃtɑtsəOɑʒɣɑʒjɑ ɑʒ⅋ʊlststsɑʒ⅋ʔ ɑʃɑʒʌʃ ɑʒtsɑʃʷls ɑʒAʊjɑʒɣʔ BlzɑʒGɢj tɑʃfɳɣɑʒs⅋, ɑʃLtsBtɑO›ɣ Oʸ ɦ ɑʃʔ⅋Gtsʔ-ɑʒʃBts tʃtɑjʜɑʒjls ɑʃɑʒʃ ›ɣɑʃətslsɑʒsj. ɹ Gsjɑʒ⅋tʃtɑjʜɑʒAʊGɑʒtsBəjfɳʃsɑʃ⅋⅋tOɑʒʜOʸ tsɑʒɑʃLtsBtɑO›ɣjɑʒʌʃj, ʊlstsBʳ tʃtsɑʒzʊɑʃɑʒfʸ ⅋tsɑʒslztɢ. ʃ ʜɑʒʌʃɑʒfɳɰtsətsɑʒ ʊlstsBʳ tsɑʒʌʃ fɳɰʷɑʒʃ fɳɑʒʌʃ⊐⅋Oɑʒlzɹtsɑʒʃ⅋⅋tslsʊjlsɑʒʃətsfɳʃsɑʃ tsBʲ j⅋lsʃəɑʒsGts tsBtɑO›ɣjɑʒʌʃj LOɢɑʃtʃɑʒslsɑʃLɑʃtɑtsəOɑʒɣɑʒjɑ, əjfɳɑʒ⅋Oəjtɑtsʷlsɑʒs, ɑʃGtɑGjls LʜjfɳjBtsɑʒʰ lzᵍ tɑtsɑʒ. ɹtsɑʌʃ fɳɰ⅋ɑʒʌʃəGjls Ltɑʃlsjɑʒɣɑʒjᵍ GOɑʒɣ ʊɑʃɑʒAʊɑʃᵍ

Ленин был одним из первых, кто оценил значение этого труда. Уже в 1894 году, в статье «Экономическое содержание народничества и критика его в книге г. Струве», Ленин писал: «Книга г. Туган-Барановского, несомненно, является выдающимся явлением в нашей экономической литературе. Она дает первое систематическое изложение теории капиталистических кризисов, основанное на Марксе, и первое критическое исследование исторических условий развития капитализма в России» (Ленин В. И. Полн. собр. соч., т. 1, стр. 227).

Ленин неоднократно ссылался на Туган-Барановского в своих работах, используя его данные для доказательства своих положений. В частности, в работе «Развитие капитализма в России» Ленин критически разбирал взгляды Туган-Барановского на рынки для капитализма, но признавал ценность его статистических материалов.

Ленин в 1897 году

ʃ ɕʃ⊐Θɑʃɑzz¸ ʦʔʷʷ˛ȷ ls

fɳʃsʜȷ˛ʦɤ|Θɑzɑʃʷ. ɻ ʦɑʃʯȷ˛ɕʒʧʃʦfɳɑʒ˛ʜɑzɑʃȷ˛ ⊐Θɑɛ⨀ʢlsȷ˛ʦɑʃʟzᵏ lsfɳʸ ɑʒ˛ᵂfɳɑzsfɳʃsᴶ ᵏ , ʦɛ⨀fɳʃɑz ɘʯɕΘlstsfɳʃsᴶ ᵏ tsʙʦɛ⨀Ltsɘ ɕʃ ɑzɕʰ ȷ˛ɑz˛ ʯȷ˛ls⨀ɕʃ⊐ ʷʷtstɛɑʒ

ɭ ȷ˛⨀tslststɛʳ ȷ˛ fɳʃsɕʒɑzɛ⨀ɑʒɜzɑz˛ tslsʜΘᶠ ls fɳȷʙȷ˛ tslsʯȷ˛s ɘ lstsɕʒ ʯlstsɕʃ⊐ ɠΘɑzɑz˛ ʯɕʃɑzɛ⨀ʯɕʃɕʃ ð ˡ lstsɘtstsʙʦɛ⨀Ⱡ⨀ȷ˛ɕʒʳ ȷ˛ ɘɕʃʜȷ˛ɑzɑʃʷ ɕʃ ɑzɸ˛ ʙtsɑzɸȷ˛ lstsɠts. ʊ⨀⨀, ʙlzʜlzʯɕʃ ʟΘɠɕʃʧʃɑzslsɕʃʟɕʦtsɘΘɑzɑz⨀ fɳʃsΘɛʰ ɕʃɕʒΘfɳɳʃfɳʃsȷ˛ɑzstsɕʒz¸ Θɛ⨀ts, ʧʦtɛtsʷʷȷ˛ fɳɳʃstɛtsɕʒz¸ . ʦ ɕʃʰ ȷ˛ , ɕʒΘʜΘɑzʒ⌈ . ʜlzɕʒΘɑzΘ; ʯlstsˡ tsɕɑ⨀ɘ ʊtɛlzɘɕʃɑzɸ , ɕʃ ɘɕʃʜȷ˛ɑzΘɑzΘʙȷ˛ tɛɸ˛ɠlz tɛtsʜfɳʃsɘȷ˛ɑzɑz⨀⨁tsɘ, ɕʒ⨀lsᴶ ɕʃ fɳȷ˛ fɳʃstɛlz. ç˛ʟ tsɘtstɛɕʃlsȷ˛ fɳɕzɑʃɕʒʃè,ð ʧʦlstɛɸ˛ȷ˛ ʙtsɘΘɑzʦ ɕʃʰ ȷ˛ . ç⨁ Θ⨁ʷ ɑzʒtsɠlz ɠtsɘtstɛɕʃlsᴶ fɳɑzɑʃɕʒʃ, ⨁tsɠʜΘɑzȷ˛ɑzʷ lsΘɑʒɑzɸlsʔ è ð fɳʃtɛtsfɳʃɑzΘtsʙȷ˛ fɳ⨁lzɛtɛΘ˛ȷ˛ ɑzɑzΘʸ ʜΘɑʒΘ. ˩ tstʃʳ lsȷ˛ fɳɕʒΘʜΘɑzʒX. ⨁Θɑzslsɕʃɑz⨀ ɑzȷ˛ɑzʷȷ˛lsfɳʸ. ʦ ɕʃʰ ȷ˛ ɘɑzzʰ ɕʃɑzX., ʯlstsˡ tsɑz⨀ʧʦɛȷ˛ ɘɛtΘlsɕʃɑz⨀fɳ ɘ ʧʦtʃlzɠΘʸ. ʏ ȷ˛ʦɛȷ˛ʟ ɑzɸ˛⨁ʦlstsɛtsȷ˛ ʟɛɛȷ˛ ɑzʒʷ tsɑz⨀ fɳȷ˛ɛʳ ȷ˛ ʟɑzsˡ fɳʃɛtsfɳʃɑz⨀ çɸ ɑzʒsɣ ɑzsȷ˛ fɳʃsᴶ ⨁tsɑzsʃɑzʷɑzsȷ˛ fɳȷ˛ɑzʒʷ, ⨁tslstsɛtsȷ˛ ɑz⨀fɳ ʧΘɑzɕʃ ɘ ɑzʒsᵏ ⨁ɑzȷ˛ls⨁lz?è ˩ ʧʦɘȷ˛ʜȷ˛ɑzɕʃ⌈ . ʦ ɕʃʰ ȷ˛ ʧʦɛΘʟɕʃɑzs, ʯlstsˡ tsɑz⨀, ɘ tslsɑzɕʃʯɕʃȷ˛ tslsX., ɑzɸ˛ tslsɛtɸ˛ʰ ɕʃɑz⨀fɳ tslsʜȷ˛?fɳʃɘɕʃlsȷ˛ɑzˡ ɑzsfɳʃsɕʃ fɳʃsʟɑz⨀ls, ɠʜȷ˛ ɑz⨀⊐ʦʜɕʃlsfɳʸ ɕʃ ⨁lsʦ ɘʦ⨁ɛɑzɠ. ʟ ʦ fɳɸ˛ȷ˛ʜɕʃ ˡ lsʦɠʦ ʧɛΘɘɕʃɑz ɑzsɘtsfɳʃɛɕʃɑzɕʃ⨀ȷ˛ ɕʒʦɠʦ ɕʒʧɛΘ ɘtsʟɑzɕʃ⨁⨀ lsʦsʙɕʒ⨀ɑzˡ ʯlzɘfɳʃsɘ. ʃ ɑz⨀ɘɕʃʜȷ˛ɑz⨀ʦ ɕʃʰ ȷ˛ , fɳɕʃʜʷʰ ȷ˛ɠts ɑz⨀fɳʃslzɑzȷ˛ , ʯlstsˡ fɳʃstslsɘȷ˛lsfɳʃsɘlzȷ˛ls ʜȷ˛?fɳʃsɘɕʃlsȷ˛ɑz ɑzsfɳʃsɕʃ, ɕʃ ɘɕʒȷ˛ fɳʃsȷ˛ fɳlsȷ˛ɕʒʦsɑz⨀ɘɕʃʜȷ˛ɑz⨀lz ɑzȷ˛ɠts ɑz⨀⨁ʦsɑzȷ˛ɑzʷ⊐ fɳʃsʙΘ⨁lz ɕʃ ɠɑz⨀ʜɕʃɑz⨀ȷ˛ȷ˛ , ⊐tslsʷ ˡ lsΘ fɳʃsʙΘ⨁Θð ɑzȷ˛ʙtsɑzȷ˛ȷ˛ ʯlȷ˛ɕʒʦɕʃɠtɛΘ˛ȷ˛ ɘtstsʙtɛΘ˛Ⱡȷ˛ɑzɑʃʷ. ʦ ɕʃʰ ȷ˛ ɘɑzzʰ Θ˛ls⌈ .: ç˩ tslslsΘɑʒʙȷ˛ɠΘᶠ ls ʜɘȷ˛ ⨁⨁ʳ fɳȷ˛ è. ʃ ɑz⨀fɳɑzʷ ʙtsʧʳ lsfɳʃsɘtsɕʒ⨀ ɕʃɕʃ fɳʃʃlzɠtsɕʒ⨀fɳɑzȷ˛ʜɕʃls ɠɑz⨀LΘɑzʃ˛ lΘᵘ lsɕʃɕʒʃ˛ lzɘɕʃʜȷ˛ɑzɑzˬ ɕʒʃ˛ ɤ⨀ɘtslsɑzˬ ɕʒʃ. ɭ ʦ ⨁⨁tslsΘɑzɑz˛

1884 года Ленинградский завод «Красный Путиловец» выпустил первый паровоз серии Э. Всего до 1917 года было построено 1235 паровозов этой серии, которые получили широкое распространение на железных дорогах России. Паровозы серии Э были универсальными грузовыми паровозами, предназначенными для вождения тяжеловесных поездов на равнинных и холмистых участках пути. Они имели осевую формулу 1-5-0 и конструкционную скорость 60 км/ч. Паровозы серии Э были оснащены паровой машиной с двумя цилиндрами простого действия, которая приводила в движение ведущие колесные пары

[illegible] (Liegeois, 1889).

[illegible]

[illegible]

[illegible]

ʃ ɑʃ¬Oɑʃɑzz, ts?ʷ ʲ j ls
[O¥ɑʃʜʳ əOʸ ls ʧ ɑʒO⁹ . ʂ Oɬtɑʃɑzə tɑGɬɬsjtɑʷɑzɑɬsɬɬsɑʃ, tsɑʒO·əɑʃʜɑʃls, ɥɬɬsts ɬɬɑɥɑʒO⁹ ʕtsɑjʁɑjlsɬɬʸ ɑʃ ʧtsɬɬɬsjʧj ɑzɑɬs
ʧtɑʃɑzɑʃɑʒGj ls ʷ tstɑɑʒz ɥj ɑɬsəj ʕO ʕ ɑzO·ɣO·ɑlzj lsɬɬʸ lzɬɬsO·ɑlz ɑʒGtsɑɬsɬɬsɑʒ;
ð .I tsʕtɑlzGʳ ɑʒj ɑzʷ ʧtɑʃəj ʜj ɑzɑʃʷ: ɬɬɬszɑzʷ ʧj j tɑj ʜəɑʃGOʸ lsɬɬʸ ɑjəɑʃ-ɑʒɬs? ɬɬɥʃɑɬs?, ʜəj tɑʃ tslstʃɑʃtɑOʸ lsɬɬʸ ɬɬOɑʒʃ,
ʰ ɑzʷʧO·ɑʃ ʧɑʃɑzO⁹ ɑjlsOʸ ls :Oɑʒʃ ʧts ɬjʁj .
ʃ ɑzʷ lzɬɬɥʃɑjɑzɑʃʷ ˩ ʷ ʷ j ʕlsO∧ j tɑj ʁtɑɬsɬɬɥʃɑzj ? ʧj j tɑɥO·ɬs?lz, ʧ lzGOʸ:
ð ʕ lsts Lɑʒjʷ.
ʂ OɬtɑʃɑzʧtsʁɑjʜɑjɑzO·ɑʃ LGɬɬsʳ ɑzO·ə ɑjɑʒtsɑʒɑʃɬɬʃlzɑj ʕOʕ ɑʃLəOʸ-ʰ j . ɿ ts ɑʒj tɑj lstsGts ʕOʕ ɬɬɬstɑGɬɬsɑʃ
ɑzʕOɑzʷɑzɑʃɬɬ, tsɑzO·ʧtɑʃ¬tsʜɑʃɑzO·əɬɬj L ʁtsɑzʰ j j ətsɑzɑjɑzɑʃj . l OʕtsɑjɥtsɑzO·LOʸəɑʃɑzO·
ð ɻtsɑɬsɬɬɥʜlz¬tsə ɥO·ɑGO·ʧ j ʂ ls ɑʒɑjɑ ɑʒsLGɑʃ, ɬɬɑɬsəɑzɑs tsɬɬɬstɑʳ j ʕtsGlsɑʃ. ɿ ɬɬɑɬzɑʃ ɑʃ¬ ʧtɑtsʜj ɑdʕɑʃ ʁlzʜlzls
ʧtɑtsʜtsɑzɥ Oslʸ ɬɬʸ, ʷ ɬɬɑs?ʜlz ɬɬjzɑʒO·
ɿ Oslj ɑʒɑzO·ɥ Oɑɬsɬɬ ʧtɑj ʜɬɬɑsO·ɑjɑzɑjɑ ɬɬɑɥzᵏ ʰ j Gɬts tɑtsʜO· ∧ j tɑj :lsO·ɑɬsəɑʃlsɬɬʸ ʧtsLO·ʜɑʃ ʂ Oɬtɑʃɑzɑ, ɑʃ, ə lsts
ətɑj ɑʒʷ ʕOʕ tsɑzO·ɬɬʧtsʕtsʔɑɬs ˩ j ɬɬj ʜtsəO·ɑzO·ɬɬtsʕtɑlz ɣO⁹ ʰ ɑʃɑʒɑʃ, tsɑzʧtɑʃʕO·ɬɬɥj lsɬɬʸ lsts ʕ j j ɑɬszɬɬɥz, Gts ʕ ʰ j ʕj ,
lsts ʕts ɑɬszlz ɑʃ ls. ʜ. .I ɬɬʸʕɑʃ? tɑO·L ʧtsɬɬɥjɑ tsɥj tɑj ʜɑɬsGts ʧtɑʃɑʃʕtsɬɬɥɑɬsəj ɑzɑʷ ʂ OɬtɑʃɑzʧtsʜɑɬsɬɬɥʃɑzO·tɑlzʕlz ʕ ɑzʃɥlz
ɑʃ ɥlsts-lsts ɬɬɑjɑGts ɬɬɬstɑʷ¬ɑʃəO·ɑzO· l Oətsʧtɑtsɬɬɥ, LOɥj ɑʒtsɑzO·ᵘ lsts ʜj ɑzɑj ls, ʂ Oɬtɑʃɑzʳ lsəj ɥO·ɑzO·
ð υ ɑʒj ɑzʷ ɥj ʰ j lsɬɬʸ ɑzʃɥts, ʷ j Gts lstɑlz.
ɿ Oslj ɑʒj ʔ ʧtɑj ʜɑzO·GO⁹ ls ʧ tɑtsɑʃləj ɬɬɬsɑʃ lzʜO·ɑɕʧts ətsLʜlz¬lz. .I ɑʒtsɑʒj ɑzɑs ɑzO·ɑjɑ ɬɬɥj ɑzɑʷ lzʜO·ɑO∧ j tɑj
tsɬɬɬsO·ɑzO·əɑzʃəGj ls tɑlzʕlz ɑʃ ɬɬɥʧtɑO⁹ ɑʃəGj ls:
ð Y lsts ɬɬɥɑzɥʃɑzɑɬsɬɬj?
ð ʂ OʕʁlzʜlstsɬɬjzʜtstɑtsGO·ð tslsəj ɥGj ls tsɑzO·ɑʃʧʳ lsGj lsɬɬʸ tsʁʲ ʷ ɬɬɥɑzʃlsᵘ ʧtɑtsɑʃɬɬ¬tsʜʷʰ j j ɬɬjɑjɑ ʔ. ɿ ts j j
tsʁʲ ʷ ɬɬɥjɑ ɑzɑʷ GtɑO·ɑzɑʃɥʃɑOls ɬɬɥʁtɑj ʜtsɑʒɬɬjzɑʒO·ɬɬj j ʜʰ j Gts.
ʜ lstsɑʃls tsʁtɑOlsʃlsᵘ əɑzɑʃɑʒɑzɑʃj ɑzO·ɑjʕtslststɑʳ j ɥGɬɬsɑʃəɑzs? GO·ɑzɑz ɥɑʃɑzO·ɥɑʃɑʃ. ʃ ɬɬɥzʃ
ɑjəɑʃʜɑʃɑʒ ɑʒʜj ɑzGj lsɬɬʸ ʕOʕ ts?-ɑzɑʃʁlzʜᵘ ɑʒO·ɑjɑzʕɑʃ?, ɑjɬɬɥɑɬsɣɑz ? ʧtɑj ʜɑʒj ls, lsts ɑʃɬɬʃʳ lszj ɑʒʳ ? ɑjɬ əɑʃʜɑʃls
lstsɑzʕts j Gts, ɑɬs j ɬɬɥʃɑ əɑzʰ ɑʃlsᵘ , ɥlsts əj ɬɬ ɥj ɑɬsəj ʕ ɑjəɑʃʜɑʃɑʒ lsts ʕO·ɑlsɑʃɑzO·ʁtsɑzj j ɑzʳ ʁtsʧʳ lsɑzO·ʸ.
ɿ O·GɑʃʧɑɬslsɑʃLɑʃtɑtsəO·ɑzɑzʔ ɑjəɑ lstsɑzʕts ɑjəɑ əɑʃʜɑʃls ɬɬɥO·ɑʒʃsGts ɥj ɑɬsəj ʕOɑʃ j Gts tsʜj ɣ ʜʳ , ɑɬs ɑʃ ʧtɑj ʜɑʒj lstsə,
ʕtslststɑʳ j ˩ lstslsɥj ɑɬsəj ʕ əʳ lsGɬɬʃɑəGj ls ɑʃL ɬɬɥtsɑ¬ ʕO·ɑɑʒO·ɑɬsə. l O·ʧtɑʃɑʒj tɑ, ɑɬsɬɬɥəts? ʧɑzO·lstsʕ, ɥO·ɬɬɥ ,
ʕɑzɥ ɥɑʃ ɑʃ ls. ʜ.
ʃ ɬɬɥzɑʃ əɑzʰ ɑʃlsᵘ : ç.I ʳ ɑjɑ ʁlzʜj lsj ɑzɑʃ əɑʃʜj ls ᵘ , ɑzɑʃ tsɬɬʸLOlsᵘ ʧtstɑlsɬɬɥʃɑGO·ɑè ð ɑʃ LOslj ɑʒʧtsɑʒj ɬɬɥsɑʃlsᵘ j j Gts
ɑʒj ɣ ʜlz tɑlzʕO·ʒɑʃ LO·GɑʃʧɑɬslsɑʃLɑʃtɑtsəO·ɑzɑzsGts, lsts tsɑzɑjɑ ʁlzʜj ls j Gts əɑʃʜj lsᵘ ɑʃ tsɬɬʸLOlsᵘ . l ts tsɑzɑʃʧtsɥlzə-

ɑʃfɳʕɑz ʯɑʃlsȷ ɑz ɑʑs ɹ tsɑʑɑʃ, tslsəȷ ʯ⊙ȷ ls ɑʑɑʃʰ ɹ ȷ ɑʒz, tʃ tɑɑʃ ɻ lstsɑʒ ɑʑɑʃʕtsɑ̂ts ɑʃL tʃ tɑɑʃfɳʑlsfɳʂəlzᵍ ʰ ɑʃ⊐ ɑʑȷ əɑʃHɑʃls ɑʃ ɑʑȷ fɳɑz ʰ ɑʃls. ∫ ɹ ȷ ɻ lz⊙tsʙtɑ⊙ʰ ⊙ȷ lsfɳʸ ʕ ɑʑȷ ?, tsɑʑ⊙ɑʑȷ tslsəȷ ʯ⊙ȷ ls, tsɑʑtʃʳ ls⊙ȷ lsfɳʸ ȷ ȷ əʳ əȷ fɳʂɑʃ ɑʃL ɡ̂ɑʃtʃ ɑʑsfɳtsɑʒ-ɑʑ⊙ɑʑʂlzɑɑʃLɑʒ⊙) ɑʑs ɻ lstsȷ ɑʒz ɑʑȷ lzH⊙ȷ lsfɳʸ. ʗ HəΘtsɑʑ⊙Bʳ ɑʑ⊙Hȷ ɡ̂ɑʃtʃ ɑʑslsɑʃ-LɑʃtɑtsəΘɑʑ⊙) ʕ⊙ʕ ətsLətɑ⊙ʂɑʃɑʑ⊙fɳ ə tʃ tɑȷ ɻ ɑʑȷ ȷ fɳʂfɳʂtsʷɑʑɑʃȷ . Y lstsɻ ȷ ʯtɑtsɑʃLtsʰ ɑʑs? ∫ ɑʑ⊙ɑʑȷ əɑʃHȷ ɑʑ⊙ɑʃ ɑʑȷ fɳz ʰ Θɑʑ⊙ɹ tsɑʑɑʃ ɑʃ ɑʒtsɡ̂ɑʑ⊙ə⊐tsHɑʃlsᵍ ə ʕtsɑʑsO⊙ʕls fɳɑʑɑʃɑʒlstsɑʒ ʕts tʃ tɑɑʃ tʃ tsɑʒtsʰ ɑʃ tsfɳʸLΘɑʑɑʃʷ. ɻ tsfɳɑʑȷ lstsɡ̂ts ʕ⊙ʕ ∫ ɹ ȷ ɻ lz⊙lzɑʑɑʃʯlstsɻ ɑʃɑzəɑʑʷʰ ȷ ɑʑɑʃȷ ɑʒ ɡ⊙ɑʑɑz ʯɑʃɑʑ⊙ɑ⊙ʯɑʃɑʃ⊙ʷ , tsɑʑ⊙əɑʑsəɹ lzəɑʃHȷ ɑʑ⊙ɑʃ lzfɳɑʑʰ Θɑʑ⊙ɹ tsɑʑɑʃ.

ɻ ɹ ȷ tɕɾ ⊙ɑʑȷ ʜȷ ɑʒtsɑʑfɳstɑʃɑtəɑʑȷ ls fɳʂts? fɳʂ⊙ɑʑʜ⊙ɑʑsɑʑ ? ɻ ʕfɳʃȷ tɑʃɑʒȷ ɑʑs. ʅ ⊙ʕtsɑʑȷ ɑʑɑ[ʟ⊙ɑ̂ʃɑʃ ɑʑsls ɑʃLɑʃtɑtsəΘɑʑɑʑs? tsɑʑʕɑʑ⊙ʜȷ ls ʯʷlsᵘ ʙȷ ɑʑ ⊐ ɑʑʃfɳstsə ʙlzɑʒ⊙ɡ̂ɑʃ, ɑʃL ʕtsstsɑ̂ʳ ⊐ ʜə⊙ʯtsɑʒȷ ʯȷ ɑʑ ɑʒ⊙ɑʑȷ ɑʑ⊙ʕtɑȷ fɳʂɑʃʕtsɑʒ, ç̧ş tsɡ̂ʜ⊙ ʯtɑtsfɳɑʑȷ ls ȷ fɳ,ð ɡ̂tsətstɑɑʃls ɾ ⊙ɑʑȷ ,ð əʳ ɑʑȷ lzəɑʃHɑʃls ȷ ɑʑɑʃfɳʂʳ , ʯtsɑʒȷ ʯȷ ɑʑɑʑ ȷ ʕtɑȷ fɳʂɑʃʕtsɑʒè. Y ȷ tɑȷ L 10 ɑʒɑʃɑʑls tsɑʑtʃ tɑɑʃətsHɑʃls ȷ ȷ ə tsʙʳ ʯɑʑsȷ fɳtsfɳstsʷɑʑɑʃȷ , ɑʃ tsɑʑ⊙ ɑʑȷ fɳts⊐tɑ⊙ɑʑɑʃə ɑʑɑʃʕ⊙ʕtsɡ̂ts ətsfɳʯtsɑʒɑʃɑ⊙ɑʑɑʃʷ ts ʜ⊙ɑʑɑʑsɑʒȷ ʔ əɑʑʑʰ ȷ ɑʑɑʃɑ, ɭzHɑʃəɑʑʷȷ lsfɳʸ, əɑʃHʷ ɭz fɳȷ ʙʷ ɑʑ⊙ʕtsɑʑȷ ɑʑ⊐ʕ⊙ʕɑʃȷ -lsts ɑʑɑʃfɳʂʳ ʙlzɑʒ⊙ɡ̂ɑʃ. ɾ ⊙ɑʑȷ ʯtɑtsfɳɑʃlsȷ ȷ ʯȷ ȷ tɑȷ fɳȷ ɑʃɑʃ⊙ɑʃ ɑʃ⊙ɑʑʜ⊙ɑʑsᵘ ɑʃ⊐ ɑʃ ʯȷ ȷ tɑȷ ʜ⊙ɑʑsᵘ ȷ ɑʒz ʯts tsHɑʑsɑʒz. ∫ ɑʑ⊙ʙȷ tɑȷ lstsHɑʃɑʑzL⊙Htɑɑzɡ̂ɑʃɑʒlstɑɑʃ ɑʑɑʃfɳʂ⊙) ɑʃɑʒȷ ɑʑɑʑs lsȷ , ʕtslstsɑ̂ʳ ȷ ɑʑȷ ʙʳ ɑʑɑʃ ʯtsɑʒȷ ʯȷ ɑʑ , ɑʃ ʯȷ tɑȷ ʜ⊙ɑʃ ɾ ⊙ɑʑȷ . ∫ ɑʑʯtɑtsfɳɑʃlstslsʜ⊙ɑʑsᵘ tsfɳʂ⊙ɑʑɑʑ ȷ , ɑʑs tsɑʑ⊙ L⊙ʷəɑʑʷȷ ls, ʯlsts ʙtsɑʑʰ ȷ ɑʑȷ ls. ʅ ʳ tɑ⊙ɻ ȷ ɑʑɑʃȷ ɑʑɑʃʯ⊙lz ɑʑȷ ȷ lzHɑʃəɑʑȷ ɑʑsȷ . ∫ ɑʑ⊙ə ʷfɳɑʑsɑʒfɳʂLɑʑ⊙ɑʑɑʃɑʃ: fɳʂtsʙtsHɑʑs tɑ⊙LɡtsəΘɑɑʃəΘȷ ls, ʯtsɑʒɑʑɑʃls, ʯlsts ʜȷ ɑʑ⊙ɑʑ⊙ɑʃ ʯlsts tslsəȷ ʯ⊙ɑʑ⊙ ɾ ⊙ɑʑȷ ʙȷ tɑȷ ls əfɳȷ ɑʑɑʃfɳʂʳ ɑʃ fɳɑʑsəΘ tɑ⊙fɳʕɑʑ⊙Hʳ əΘȷ ls lz ɑʑȷ ȷ ɑʑ⊙ʕtsɑʑȷ ɑʑʷ⊐, ɑʑs lsΘʕ, ʯlstsʙʳ ʕtɑȷ fɳʂɑʃʕɑʃ ʙʳ ɑʑɑʃ ɑʑȷ əɑʃHɑʑ , lstsɡ̂H⊙tsɑʑ⊙ tslsfɳʯɑʃlsʳ əΘȷ ls tʃ ʷlsᵘ ɑʑɑʃfɳstsə ɑʃ tslsʜ⊙ȷ ls ɑʃ⊐ ɾ ⊙ɑʑȷ . ɾ ⊙ɑʑȷ fɳɑʑsəΘʕɑʑ⊙ȷ ls ɑʃ⊐ ɑʑ⊙ɑʑȷ ʒȷ fɳstsɑʑ⊙ ʕtɑȷ fɳʂɑʃʕɑʃɑʑ⊙ʒ⊙ɑʑ⊙ɑʒ-ʙlzɑʃʯȷ fɳʕtsɡ̂ts fɳtsfɳstsʷɑʑɑʃʷ, tsɑʑ⊙ɑʑȷ əɑʃHɑʃls ȷ ɡ̂ts ɑʃ fɳʯtɑ⊙ʰ ɑʃəΘȷ ls, tʃ tsʯȷ ɑʒz tsɑʑ⊙ʰ ȷ ɑʑɾ ⊙ɑʑȷ tʃ tɑtsfɳɑʃlsȷ ȷ ɑʑȷ ʙȷ fɳʯtsʕtsɑʃlsᵍ fɳʸ tʃ ts ɻ lstsɑʒz tʃ lzfɳʂʷʰ ɑʑsɑʒz tʃ ts⊙tsHz. ɻ Θlsȷ ɑʒ tsɑʑfɳʂ⊙ɑʑsəɑʃlsfɳʸ LΘ ɑʑȷ ? ɑʃ, tʃ tsʕ⊙tsɑʑ⊙Lɑʑʷls⊙tɑ⊙Lɡtsətstɑ⊙ɑʒɑʃ, lsɑʃ⊐tsɑʑ⊙ʕts ȷ ? ɡtsətstɑɑʃls: ç̧I fɳʂ⊙ɑʑ, tʃ ts2ʕHɑʃ, H⊙? tɑzʕlz Htsʕlststɑzèȷ ɑʑ⊙əfɳʂȷ ls, ɑʑ⊙ʯtɑ⊙ɑʑʷȷ lsfɳʸ ʕ H-tɑz ɻ ts⊙ɑʃɑʑȷ -⊙ɑʃʯz ɑʃ tʃ tɑtslsʷɡ̂ɑəȷ ls ȷ ɑʒz tɑzʕlz, ɑʒȷ ɻ ʜlz lsȷ ɑʒʕ⊙ʕ ɡ̂ɑ⊙L⊙ȷ ȷ tʃ tɑts-

13 [illegible] 1893 [illegible] (Pick, 1851–1924) [illegible]

tɐɡOɑzʃuˌfŋʃtsdʒtʃtstɐOɻjˌdzʃqʃɡtsdzʦəɑzʦɡtsɑʒsLGO ʀ Ləˌfŋʃsdzˑʔ ʷʷtɐOɑzuˌLLfŋʃqʃʔ tʃfŋʃ□qʃOstɕˌLOəˌjʜlzᵏ ʰ qʃʔ tʃtɐqˌjɑʒdzˑ dʒtslsʜjˌdɉˌdzʃqˌjdʒtʃfŋʃ□qʃOstɐqʃuˌfŋʃtsʔ ʙtsdzˑdzʃuʳ ʜəˑ ɸ dzɑdzˑ ə ɻ OɑɐqʃɻjˌˌJˌOɑjˌɑʦsqʃdzˌʃ Oɑzʷdzˑ dzɑʒɑdzˑ ʜOɑzdzˑ ʙtsʃʳ lsdzˑ ʔ ʰ qʃLtsʷtɐˌjdzʃuˌfŋʃqʃʔ ʷʷjˌɑʦs-dʒjdzˌʕlstsfŋɑzˑ□tsəʳ jˌ GOɑzdzˑ ɥqʃdɑOɥqʃqʃ, tʃtɐqʃ ʕtslststɕʳ □ fŋʦʜjˌtɐɻOɑzʃjˌ fŋɑzˑ ʰ qʃdʒsɡtsfŋtsʜdɑsʔ fŋststɐtsdzˑ tʃtɐslsqʃətstʃtsdɑsɻdɑs fŋʦʜjˌtɐɻOɑzʃᵏ fŋɑzˑ ʰ qʃdʒsɡtsfŋʜtɑzɡtsʔ.

ɭ ts lsts, ɥlsts ʙʳ əOˌjlstsˌtɐˌjʜʕtsʜOɻjˌ tʃtɐqʃ tstɐɡOɑzʃuˌfŋʃtsdʒtʃtstɐOɻjˌ-dzʃqʃ ɡtsdɑsəɑzsɡtsˌdʒsLGO lsts ʙjˌL tsfŋʦʙtsɡts lstɑzʜOdʒsɻdɑs əʳ Lʳ əOlsᵘ qʃfŋʃlzfŋfŋʦəjˌdɑzɑslzˌLʜtstɐtsəʳ □ˌdzˑ ʜjˌʔ ə GʃqʃtʃɑsfŋʦdʒɑzɑɑʙlzɑzʃLdʒjˌ. tʃtɐtsʷjˌfŋfŋʦtɕ ɸ.ʃ.ʃᵡ dʒsdɑʃOɑzjˌ tsʜdɑʃqʃdʒqʃLˌtʃjˌtɐəʳ □ qʃLlzɥOɑztsʜdɑs-fŋststɐtsdɑzˑᵡ GOɑzdzˑ ɥqʃdɑOɥqʃᵡ .ɻ tɐʃəjˌʜjˌdʒjˌɡts tstʃʳ ls, tstʃlzʙdɑʃʕts-əOɑzdzˑ ʔ ə çʃ ʙtsLtɐjˌdɑʃqʃ ɡʃqʃtʃɑsslsʃLdʒOè, ə ʕtslststɐtsdʒtsdzəɑzˑʰ GˌjlstʃOɥqʃjˌdɑslz: çʃ lsʕtɐʳ ə tʃtsfɑɡjˌtʃtɐtsʙlzɤʜjˌdɑʃʷ tʃtɐOəʳ ʔ GɑzOɭ, əʳ əʃʜqʃlsjˌ dɑOʙjˌdɑsdʒʕOɑstsdjˌtʃtstɑstɐjˌls.ɻ Oʕtɐtsʔlsjˌ ɻlstslsɡɑzOɭ qʃtslsʕtɐtsʔlsjˌ ʜtɑzɡtsʔ, qʃəʳ dɑʃuˌjɡtsˌdjˌlzəqʃʜqʃlsjˌè.ˌJʳ əjˌʜʷ qʃfŋʃʳ lslzjˌdʒs-ɡts qʃL ɡʃqʃtʃɑsfŋʦdʒɑzɑɑʙlzɑzʃLdʒOˌɻʕfŋʃjˌtɐʃqʃdʒjˌdɑsOststɕtsʙdɑOɑzɻqʃdzˌɥlstsˌɡOɑzdzˑ ɥqʃdɑOɥqʃʷ dɑsʕOɑzʃLtsəOɑzOə tʃtɐOətsdʒɡdzOɭz: tʃtstɑstɐjˌls əqʃ-ʜqʃdʒʜdzʷ tʃtɐOətsɡtsˌɡdzOɭOˌʜdzʷ djˌətsɡtsˌɻjˌðˌ ʕOɑstsdzˑtsfŋʦOˌjlsfŋʸ ʙjˌ-dzˑ dʒ (Dumontpallier, 1892).

ɻtsfɑɡjˌ LdzʕtsdʒfŋʦəOfŋᵘ lsʃqʃdʒtsʃtʳ lstsdʒdʒsɻjˌjlstʃʕtɐjˌʜjˌdzᵘʕfɑʃjˌtɐʃqʃdʒjˌdɑsOststɕfŋʕtsʔ ʷʷOɑsOLqʃqʃ.ʃ ʜdzʕtsˌfɑɡjˌʜlzᵡ -ɥqʃʔ əqʃʜɻʕfɑʃjˌtɐʃqʃdʒjˌdɑstsəˌfŋʜəlzfŋʦstɐtsdzɑzʃqʃdʒʃ ɡOɑzdzˑ ɥqʃdɑOɥqʷdʒʃ ɡtsətstɐʃlstsˌdjˌqʃfŋˌjˌtɐʃqʃdʒjˌdɑstsfŋʦqʃOˌjdʒsfŋʦqʃʳ ʜlzdʒtsʕ qʃfŋfɑɡjˌʜtsəOʦjˌdjˌʔ.

ʃ tsʕlststɕʃᵡ dʒsdɑʃOɑzjˌ ədzˑʰ Gˌjlsʃqʰjˌdzˑ, ɥlsts tsdzəqʃʜqʃlstʃtɐOəʳ dʒɡdzOɭtsdʒfŋʦʙOʕlz, Odjˌəʳ dʒtʃlsʃuˌlz. ʃjˌəlzʰ ʕOtʃtsʜlsəjˌtɐɻ-əGˌjls, ɥlsts□tslsʷɻlsts tsuˌjdzˑ fŋʦtɐOɑzdzˑ qʃ fɑɡjˌʰ dzˑs, dzˑs tsdzOʜjˌʔfŋʦəqʃ-lsjˌdzˑ dzˑs əqʃʜqʃls fŋʦʙOʕlz qʃtʃlsqʃuˌlz, tʃtɐqʃuˌjdʒfŋʦʙOʕOdzOˌGˌjls ətsʜlz, tʃlsqʃuOəʳ ətsʜqʃls ʕtɐOfɑʃqʃəʳ jˌ qʃ ləlzɥqʃdzˑ jˌ lstɐjˌdzqˌ.

ʃᵡ dʒsdɑʃOɑzjˌ tʃtɐtsʜtsdzɻGˌjls, ədzˑʰ Oʸuˌjtɐjˌʟ tʃtɐOətsjˌ lz□ts: çɻ tsɡtsʜOtʃtɐjˌʕtɐOfɑʃjOʸ, fŋʦdzdjˌɥqʃdzOʸè.ɸ ə djˌətsjˌ ɡtsətstɐqʃls: çʀ ʜjˌls ʜtsɻʜʳ è.ˌJ tɐjˌ-lzdzˑ lsOsjˌ tʃtɐOəOʸ fŋststɐtsdzOdzqʃuOʃ qʃʰ jˌdzˑ lzdzˑ ʙGˌjlsfŋʸ, OdjˌəOʸ əʳ tɐOɻGˌjls djˌlzʜtsətsdzˑ fŋʦəqʃjˌ tʃts fɑɡlzɥOʸ ʜlztɑdzʦʔ tʃtsɡtsʜʳ .ɻO

* ʃ Oɑzʷdzˌr OʕrtsLjˌʷʷˌJ Odjˌdzʦsqʃdz(Magnan Jacques Joseph Valentin, 1835ð 1916) ð ʷʷtɐOɑzuˌLLfŋʕqʃʔ tʃfŋʃ□qʃOstɕ.ɻ tsdzˑɥqʃdzdjˌʜqʃuqʃdzʕʔtsjˌ tsʙtɐOɻtsəOɑzqʃjˌ əʃ tsdɑʃjˌdzˑjˌqʃʃqʃtsdɑjˌ, LOsjˌdʒfŋ1858 ɡ.ʙʳ dzˑqʃdʦsjˌtɐ-dzʦsdʒətɕʷʜjˌ ʙtsdzˑdzɑqʃuˌ.ʜ 1867 ɡ.əlsjˌuˌjdzɑqʃjˌ 45 djˌlsLəjˌʜtsəOɑzɥtʃtɐqʃjˌdʒɑzˑ dʒtslsʜjˌdjˌdzɑqʃjˌdʒ tʃfŋʃ□qʃOstɐqʃuˌfŋʕtsʔ ʙtsdzˑdzɑqʃuʳ ʜəˑ ɸ dzɑdzˑ əɻ Oɑɐqʃɻjˌ.

ʀ dzsjtɕɨfɳdzs, fɳʂtsdzʕts :ʏjˌ ɔtɕɨdʒjdzɑ[tʃtsfɳdjɨ ʜjˌgɑ[tʃdzslsɑ[ʟʘuɑ[ɑ[ɑ[fɳʃʳ lsʐjˌdʒtsgɑts dʒtsgʟzlstʃtɑtsʜtsdzɳʘlsᵘ fɳʸ ʟtɑɑ[lsjˌdzˑdzᵛ jˌ gɑʘdzdzᵛ uɑ[dɑʘuɑ[ɑ[?.ɪ tststsʙʰ jˌ gɑtsɔtstɑᵂ, tslsʳ lsʳ ɻlstsʔ ʕʘlsjˌgɑtstɑɑ[ɑ[dɕɨˌʜtsfɳjsʘlststuɑdzs dʒdzsgɑtsuɑ[fɳdɕɨˌdɑdzᵛ, uɬstssʙʳ ʁ ʳ ɔtsʜɑ[lsᵘ ɑ[ʟ dzɑ[ⵎ tsʕtsdzuʘlsjˌdzˑdzs jˌ ʟʘʕdᵛ uɕjˌdzɑ[jˌ. ʊjˌdʒdɕɨˌdʒjˌjˌm tslsdzsʰ jˌdzɑ[ɑ[dɕɨˌʙtsdᵛʰ ɑ[ⵎ tʃtɕɨˌʜdʒjˌlstsɔ: ʕʘɑɑʘdzʜʘᵘ , uʘfɳ ɑ[ls.tʃ.ð gʘdzdᵛ uɑ[dɑʘuɑ[ɑ[dʒtsgʟzls ʜdzɑ[lsᵘ fɳʸ dʒjfɳʷuʘdʒɑ[. ɹ tsdɕjˌjˌ lstsuɑdzs dzʘᵘ lstsᵘ ls ɔtstʃtɑtsfɳtslsɔjˌuʘjˌls tstʃʳ ls, tʃtsfɳjsʘɔdɕɨˌdzdᵛ ʔ ʃ tsdzʜtsdʒ(Londe) ɑ[fɳjsᵚ ʙʰ jˌdzdᵛ ʔ ɪ ɑ[dɕɨˌ ɑ[ʌ jˌtɕɨ. ʃ ʜdzsʔ tsfɳjsʙjˌ, dzʘⵎtsʜʷʰ jˌʔfɳʷ ɔ gɑ[tʃᵚ tsfɳjsdʒdzʘdʒɔlzdzɑ[ʟdʒjˌ, ʃ tsdzʜ tʃtsʕʘLʳ ɔgʘlsʕʘdsɑ[dzᵛ, dzʘʕtslststɑtsʔ ɑ[ʟtsʙtɑʘɻjˌdzᵛ ɻ ɑ[tɕɨˌdɕɨˌɑ[, ɑ[gɑtsɔtstɑɑ[ls: ç ɻ tsfɳdʒslstɑɑ[lsjˌ, ɻlsts ɔʘᵘ tʃtstɑsdsɑtɕɨˌls, ɔʳ ʟʜjˌfɳ fɳjsɔjˌtɑʰ jˌdzdzts gɑtsdzʘʸè. ɪ ʳ ʔʜʷ ɑ[ʟ gɑ[tʃdzsfɳjsdʒdzʘdʒɔlzdɑ[ʟdʒʘɑ[ʟdʒjˌ, ʃ tsdzʜ ɑ[ʟtsʙtɑʘɻjˌdzdzɑ[jˌ ɔ gɑtsdzsdʒɔɑ[ʜjˌ, tsdzʘʕtɑʘʔdɕɨˌtɑʘʟgɑdɕɨˌɔʘdzʘɑ[fɳ, fɳⵎɔʘlsɑ[dzʘɑ[tɑʘʟtstɑɔʘdzʘʕʘdsɑ[dzᵛ. ɻ tɕɨˌʜlzfɳdʒslstɑɑ[lsjˌdzˑdzs fɳᵘ lstsʔ ʕʘdsɑ[dzᵛ fɳʜjˌdzʘdzɑ[ʷ tslstsgɑtɑʘᵚ ɑ[ᵚ . ɪ tʃtsfɳdɕɨˌʜfɳsɔɑ[ɑ[ʕ;ʘɻ ʜʳ ʔ tɑʘʟ, ʕtsgʜʘ tsdzʘjˌjˌ ɔɑ[ʜjˌdzʘ, tsdzʘɔɑ[ʜjˌdzʘʃɳjˌʙʷ gɑtsdzsʔ ɑ[ɔ ʷtɑtsfɳjsɑ[lststʃʘdzʘdzsgʘdʒɑ[. ɸ ɔlststɑᵚ fɳjstsʙʰ ʘʸ ls, uɬsts tʃtsʃtɑtsʰ jˌfɳjsɔɑ[ɑ[ʜʰ lzⵎ dɕɨˌls fɳɑ[lszʘuɑ[ᵚ dɕɨˌ ɑ[ʟdʒjˌdzɑ[dzʘfɳ (ɪ ɑ[dɕɨˌ ɑ[ʌ jˌtɕɨ, 1890, fɳ 178).

ɻ tɑtsᵚ jˌfɳjsɑtɑ[ˌ. ɸ. ʌ tstɕɨˌdz tɑʘfɳjsʘLʳ ɔʘlsts ʙ ɻʕfɳjˌtɑ[dʒjˌdzsjˌ, ʕtslststɑʳ ʔ tʃtɑtsɔjˌdzʜ-tɑʃ jˌɔʰ dzfɳtsdzˌ ɾ ɔʘ gɑtsʜʘtʃtɑtsʰ dzts fɳlstsgɑts ʜdzᵚ, ʕʘʕ ʃ jˌɔɑ[dzfɳtsdzˌɔdzdzʰ ɑ[dztsʜdzsʔ dʒtsdzsʜtsʔ ʜjˌɔlzʰ ʕjˌ, uɬsts tsdzʘtʃtsdzzuɑ[dzʘɔ tʃtsʜjˌ tɑtsʕ ɑ[ʟ ɸ dʒfɳsjˌtɑʜʘdʒʘtɑtsʟlz. ʕ lsʘçtɑtsʟʘè lsʘʕ jˌʔ tʃtsdzɑʘɔɑ[dzʘfɳ, uɬsts tsdzʘtʃtsfɳjsʘɔɑ[dzʘjˌjˌ ʜtsdʒʘɔ ɔʘlz fɳɔtsʜtsʔ ɑ[ɔ lsjˌuɬjˌdzɑ[jˌ ʜɔlzⵎ dɕɨˌls dʒjˌdzᵚdzʘɔtsʜlz. ɾ jˌʰ lzʰ ʕʘtɑʘʜtsfɳjsdzɑs lʘʸɔdzᵚdzʘ uɬsts çtɑtsʟʘè fɳjsⵎtɑʘdzᵚjˌ ls uɔjˌ ls ɑ[ʟʘʃʘⵎ. ʂ tsgʜʘjˌjˌ lzʙjˌʏ ʜʘdzɑ[, uɬsts fɳdzʘfɳjstsʷʰ jˌʔ tɑtsʟtsʔ lsʘʕtsgʜtsdzɑ[ʕtsgʜʘdɕɨˌ] tʃtɑtsɑ[fɳⵎtsʜɑ[ls, ʜjˌɔlzʰ ʕʘtslsɔjˌlsɑ[dzʘ, ç uɬsts ɻ lsts, ɔjˌtɑtsʷlsdzɑs, lsʘʕtsʔ tsfɳjsʙjˌdzdzᵛ ʔ, ɔʳ ɔjˌʜjˌdzdzᵛ ʔ ɔ ɻtsdzdzʘdzʜɑ[ɑ[fɳjstɑlstɑtsʟ, ɑ[ɻlsts tsʙfɳjstsʷlsjˌdzˑ fɳjsɔtsjˌjˌjˌʰ jˌ ʙtsdɕɨˌjˌ ɔtsfⵎɑ[ʰ ʘˌjˌlsɔ dɕɨˌʔè (ʌ tstɕɨˌdzˑ, 1911, fɳ 44)).

ʜ dzˑuʘˌlsfɳʸ, uɬsts gʘdzdzɑ[tsuɑ[dzʘuɑ[ɑ[dɕɨˌ lstsdzˑʕts dɕɨˌ ɑ[fɳˌjˌʟʘᵘ ls fɳɕʘʟz, tsdzʕ ɑ[ʟgɑdzʘɻɑ[ɔʘᵘ lsgfɳʸ tʃts uʘfɳjsʷdʒ ɹ tslstʃtɑɑ[dʒjˌtɑ. ɹ fɳʏʙʙʙtslslz, 12 ɑ[ᵚ dzˑ. ʃ ɹ jˌʙts ɔdzˑtʃtʃʘˌlsdʒʘʜjˌdʒʏzʘlˌjˌdzˑ ɸ dɕɨˌlslsjˌ, uɬsts tʃtsfɳjsɕɨˌ ʜjˌgɑ[tʃdzslsɑ[ʟʘuɑ[ɑ[tsdzʘlzɔʰ ʜɑ[ls fɳjˌʙʷ ɔ gɑtsdzzʙtsdʒtʃdzɑ[sᵘ jˌ, Ofɳtsᵚ tʃtsʜtɑzgɑlz ð ɔ tɑtsʟtsɔtsdʒ ɹ ɻlsts ɔtɕɨˌdʒʷ tsʙjˌ ʙʳ dzˑ[tsʜjˌlsʳ ɔ uɕjˌtɑdzˑ jˌ tʃdzʘsᵘʷ. ɻ dzʘsᵘ jˌ ɸ dzɑ[jˌlslsʳ ʕʘʟʘdzsfɳ jˌʔ gɑtsdzzʙʳ dʒʜts ɔtsfɳ[tɕɨˌfɳɕɨzsgɑts ɔjˌuɕjˌtɑʘ ɹ tʃtsdɕɨˌʜjˌdzˑ dzˑ[ʕ lzltɑtsdʒtsdzʘjˌʰ jˌ ɔɑ[ʜɑ[lsfɳᵚ ɔtsfⵎɑ[ʰ ʙʕjˌ, dzsɑ[lzʏjˌ fɳuɕjˌtɑdzˑ dʒ ʕtstɑfɳʘʏjˌjˌdʒ ɑ[lstsdzˑʕts ɔ tʃtsdzɑjˌdzˑ tʃtsʰ jˌʜjˌdzˑ dzˑ[ʕʘgʘdzdzᵛ uɑ[dɑʘuɑ[ɑ[tʃtsdzdzsfɳjsᵚ ɑ[fɳuɕjˌlzdzˑ.

ʃ Gᵍ fɲs ʌ tstɶjdƶ

ʃ ʳ ɥGfɲstslztʃtsdʒʃdʑʘdʑɕʃ ɕʃ j ʰ j dɸ tɶOL вlzнjdʒlztʃtsdʒʃdʑʘlsᵘ ɕʃdʒʷ ʃ Gᵍ fɲsOɸdʑɶɕʃ ʌ tstɶjdƶʷ, ʕtɶztʃdɸ2ʰ j ɠts ʰ ɵj2ɥʘɶfʃtsɠts dɸɵtɶtsdʑsɠO, tʃfɳʃ¬ɕʃOstɶO, ᵗ dʑstsdʒtsdʑsɠOɕʃ ɠɕʃdʑsdʑsɠO, lzɥj dʑʃʕO∫ j ɕʃdɸtɶlsO, ʕtslststɕʳ 2 ɵ¬tsнɕʃdzɵ ɕʃLɵj fɲsdʑʳ ɭ ʘdʑɳʃ?fʃʕlzᵏ ʰ ʕtsdʑ ɠɕʃdʑsdʑsɠɕʃɕʃ. ʏ j dʒʞ j tʃtɶtsfɳʃʘɵɕʃdʑɳʃ fɳj2 lzɥj dƶ ??

ʃ Gᵍ fɲs ʌ tstɶjdƶ, вlzнlzʰ j j fɳɸjlsɕʃdʑs dʑʘlzʕɕʃ, tʃtsʷɵɕʃdʑɳʃʷ dʑOfɳɸjls 1 fɲjdʑsʷвtɕʷ 1848 ɠtsнOɵ z, ɵj2ɥʘɶɕʃɕʃ, dʑOвjtɶjɠlz ɾ j dɸɵfʃtsɠts tsLjtɕO.I 1873 ɠtsнlz, fɳʃlzfɲjsʷ ɠtsн tʃtsfɳʃɸjʷ tsʕtsdzɥʘdʑʃʷ dʒjнɕʃɥɕʃdʑɳʃʕ¬ ʷʷOʕlzdƶ lsjlstsɵ ʎᵏ tɶɕʃ¬fʃtsɠts ɕʃ.I j dʑɳʃtsɠts lzdʑʃɵjtɶfɳʃlsjlstsɵ, ʌ tstɶjdƶ вʳ dzdʘLdʑOɥj dzʘfɲfɳʃɲjdʑstsdʒɵ dʒᵍ dƵjdʑɳʃlzᵏ dɸɥj вdʑʃɥlz нdƶʷ lzdʒʘdʑʃʰ j dʑdƶ¬.I 1877ð 1879 ɠtsнO¬ʌ tstɶjdƶ fɲsʘdʑsɵɕʃlsfɲʃ ʘɲfɳʃfɲsjdʑstsdʒLʘjнlzᵏ ʰ j ɠts ʕGʷj нtɶtsʔ tʃfɳʃ¬ɕʃOstɶɕʃɕʃ ʃ ᵏ dƵjdɳʃʕtsɠts lzdʑʃɵjtɶfɳʃlsjlsO, Ldʑʘdʒjdʑʃlstsɠts ɹj tɶdʑʘɶнOʷtsdƶɻlzннjdʑO*.

.I 1879ð 1906 ɠtsнO¬ʌ tstɶjdƶ fɲsʘdʑsɵɕʃlsfɲʃ tʃtɶtsʷj fɲɲstɶtsdʒlzdʑʃɵjtɶfɳʃlsjlsOɕʃ нɕʃtɶj ʕlststɶtsdʒ ʕʘdʑstsdʑʘdƶdʑsʔ tʃfɳʃ¬ɕʃOstɶɕʃɥj fɳʃʕtsʔ вtsdƶdʑʃɥʳ ɹ lztɶɠ¬ʸ dƶ ɥdʑʃ (Burgholzli) ɵ ʎᵏ tɶɕʃ¬j . ʂ dʑʃdʑʃʕO ɹ lztɶɠ¬ʸ dƶ ɥdʑʃ вʳ dʑOtsɠtɶtsdʒʘdƶ dʒʕʘdʑstsdʑʘdƶ dƶ dʒtʃtɶɕʃᵏ lstsdʒнdʑʷ lzdʒʘdʑʃʰ j dʑdƶ¬ fɲfɳʃlsdƶʷdʒʃʕtsj ʕ. ʃ dʑʘ вʳ dʑOfɳɸʷLʘdʑOfɲʎᵏ tɶɕʃ¬fʃtsɠɕʃdʒlzdʑʃɵjtɶfɳʃlsjlstsdʒ, ɵ dɸj2 tʃtɶtsʕ¬tsнɕʃdʑɳʃ tʃtsнɠtslststɵʕlz fɲʃlzнjdʑsʳ -dʒjнɕʃʕɕʃ, dʑs tsdʑOɵfɲj ʞj j dʑʃfʃtsdƶʕts

ɹ jtɶdʑʘɶн ʷʷtsdƶɻlzннjdƶ(Bernhard Aloys von Gudden, 1824ð 1886) ð Ldʑʘdʒjdʑʃlsʳ 2 dɸjdʒjɥʕɕʃ2 tʃfɳʃ¬ɕʃOstɕɕʃ dɸɵtɶtstʃOstsdʑsɠ, ʘdʑOstsdʒɕʃ ʷʷɕʃLɕʃtsdʑsɠ, tʃtɶtsʷj fɲɲstɕdɸɵtɶtstʃOstsdʑsɠɕʃɕʃ ɵ ʎᵏ tɶɕʃ¬j , LOɵj нlzᵏ ʰ ɕʃ2 ʕGʷj нtɶtsʔ tʃfɳʃ¬ɕʃOstɶɕʃɕʃ ʃ ᵏ dƵjdɳʃʕtsɠts lzdʑʃɵjtɶfɳʃlsjlsO, ɥɕɸjdƶʃ ᵏ dƵjdɳʃʕtsɠts ʘdʑstɶtstʃtsdʑsɠɕʃɥj fɳʃʕtsɠts tsвʰ j fɲjsɵO

ʃ Gᵍ fɲs ʷʷ tstɶjdƶ

[illegible]

[illegible]

[illegible]

2. [illegible]

ʀ ʟ ʃ ʝ ʔʜʝ dʑʘ ɘʘdʑ ʝ dʑsʝ tɕɢʝ dʒ ʜʝ ʃ tsdʑ, ʃ . ʌ tsɢls ɕʃ ʷ fɱʘdʒ ɕʃ ʜtɕdʑɢɕʃʝ lzɥʝ dʑʃʕɕʃ ʅ ʘdʑfɱʃʔ fɱʂtsʔ ʰ ʕtsdʑ ,

tsfɱdʑtsɘʳ ɘʘʸfɱ dʑʘ dʑʘʙdʑ ʜʝ dʑʃʷ ʟʘdʒdʑtsɢɕʃdʒʃ lsʳ fɱʸɥʘdʒʃ ʟʘɢɕʃʧdʑslsɕʃʟɕʃtɕtsɘʘdʑdʑ , ʟʘʸɘdʑʸʝ dʒ

ʕʘlsʝ ɢtstɕɕʃɥʝ fɱʂɕʃ: lz dʑɕʃɥ, dʑʘtsʜɕʃɘʰ ɕʃfɱʸ ɘ dʑʘ ʝ dʒ ʧʃtsdʑ ʟtsɘʘdʑʃɕʃ, dʒ dʑʝ ɘɕʃʜʝ dʑʃ ʧʃtsʜ ɘdʑʃʷdʑʃʝ dʒ

ɢɕʃʧdʑsʟʘdʑʃ tsʜdʑtsɢts fɱdʑlzɥʘ tɕʘfɱfɱstɕtsʔ fɱsɘʘʜlzʰ ʝ ɘdʑtsɢts ɕʃdʑʃ ɕʃʟɕʃɥʝ fɱʂtsɢts ʟʜtstɕtsɘ ʷ, ʘ dʑʘtsʙ tstɕtsls,

ʕtsdʑfɱsʘlsɕʃtɕtsɘʘdʑʃ tsɥʝ dʑ dʒdʑtsɢts fɱdʑlzɥʘ ɘ ɕʃʟdʑʝ ɥʝ dʑʃʷ ɕʃ lzdʑlzɥʰ ʝ dʑʃʷ ʟʜtstɕtsɘ ʷè (ʌ tstɕj dʑ, 1911).

ʉ tɕʘɘdʑʃɘʘʸ ɢɕʃʧdʑsfɱsdʒdʑʘdʒʙlzdʑɕʃʟdʒ fɱʜlzʰ ʝ ɘdʑ dʒɕʃ tɕʘfɱfɱstɕtsʔ fɱsɘʘdʒɕʃ, tsʙʳ ʕdʑtsɘʝ dʑdʑs lzʧlzfɱʂʘ ls ɕʃʟ

ɘɕʃʜlz, ɥlsts fɱʧʝ ɥɕʃʷ ɕʃʕtsʔ fɱsdʒdʑʘdʒʙlzdʑɕʃʟdʒʘʷɘdʑʸʝ lsfɱʸ ɘtsfɱʧtɕɕʃɕʃdʒɥɕʃɘtsfɱsʳ ʕ ɘdʑlzʰ ʝ dʑʃʁ , lstsɢʜʘʕʘʕ ʧʃtɕɕʃ

ʜlzʰ ʝ ɘdʑ ʙtsdʑʝ ʟdʑʸ lsʘʕtsʔ ɘtsfɱʧtɕɕʃɕʃdʒɥɕʃɘtsfɱsɕʃ dʑʝ ls. ʀ dʑʘɥʝ dʒ dʒtsɢdʑʃ ʙʳ ɕʃfɱɥʝ dʑʸlsʳ ɘdʑlzʰ ʝ dʑʃʝ dʒ

ʧʃfɱɕʃɕʃɥʝ fɱʂɕʃʝ tɕʘfɱfɱstɕtsʔ fɱsɘʘ ʘʟ lsts dʑʝ ɘtsʟdʒtsʞ dʑts. ʅ ʘʟ lstsls fɱɥʝ ls ʌ tstɕj dʑ ɢtsɘtstɕɕʃdʑ çʂ ʘʕ tsʙʱ ʝʝ

ʧʃtɕʘɘɕʃdʑts fɱdʑʝ ʜlzʝ ls ʧʃtɕɕʃʟdʑʘlsʳ , ɥlsts ɘfɱʸʕʘʸ ʜlzʰ ʝ ɘdʑʘʸ ʙtsdʑʝ ʟdʑ ɘ ʟdʑʘɥɕʃlsʝ dʑ dʑtsʔ dʑʝ tɕʝ tsfɱdʑʘʙdʑʸʝ ls, ʝ fɱdʑʃ

dʑʝ ɘtsɘfɱʝ tɕʘʟtɕdʑʰ ʘ ls ɘdʑlzʰ ʘ dʒtsfɱsʳ è. ⅃ ɢɕʃʧdʑsfɱsdʒdʑʘdʒʙlzdʑɕʃʟdʒʝ ʜtsfɱsʘlstsɥdʑts ʧʃtɕɕʃʕʘʟʘlsʳ :

çʔ tɕtsfɱdʑʃlsʝ fɱ è ð ɕʃ fɱsfɱstsʷdʑʃʝ dʒʝ dʑʸʝ lsfɱʸ, dʑts dʑʝ ls lsʘʕtsʔ ʧʃfɱɕʃɕʃɥʝ fɱʂtsʔ ʙtsdʑʝ ʟdʑʃ, ʕtslststɕdʑʁ dʒtsʞ dʑts

ʙʳ dʑts ʙʳ lsʘʕ ʙʳ fɱstɕts tsʙlzʟʜʘlsʳ . ʀ dʑʘɥʝ ɢtsɘtstɕʷ, çʧʃtsdʒʝ ʰ ʘlsʝ dʑ fɱsɘtsè, ɘʳ ʟʳ ɘʘ dʒtsʝ ɘ

fɱsdʒdʑʘdʒʙlzdʑɕʃʟdʒʝ , dʒtsʞ dʑts lstslsɥʘfɱlzdʑʃɥlstsʞ ɕʃlsʳ , lstsɢʜʘʕʘʕ ʙtɕʝ ʜtsɘʳ ʝ ɕʃʜʝ ɕʃ, tsʙlzfɱdʑtsɘdʑʝ dʑdʑ ʝ

ʜtɕdʑɢɕʃdʒʃ ʧʃtɕɕʃɥɕʃdʑʘdʒɕʃ, dʑʝ ʜtsfɱslzʧʃdʑ ɘʝ tɕʙʘdʑ dʑtsʔ ʕtstɕtɕʝ ʕɥɕʃɕʃ.

ʇ ʘdʑdʑ ɥɕʃdʑʘɥɕʃɕʃ ʜlzʰ ʝ ɘdʑtsʙtsdʑ dʑ ɕʃdʒʝ ʁ ls tstɕɢʘdʑʃɥʝ fɱʂtsʝ ʧʃtɕtsɕʃfɱtsʞ ʜʝ dʑʃʝ ɕʃ ʧʃtsfɱʝ dʒlz ʷɘdʑʸʁ lsfɱʸ

ʧʃtɕtsɥʝ fɱfɱʘdʒɕʃ tɕtsʕtsɘʳ dʒɕʃ ɕʃ dʑʝ lzfɱstɕʘdʑʃdʒ dʒɕʃ. ʀ dʑʝ dʑ ʟʷ lzfɱstɕʘdʑʃlsʳ dʑʃ fɱʧʃtsdʒtsʱ ʟʁ dʑtsɢɕʃʕɕʃ, dʑʃ ʧʃtɕɕʃ

ʧʃtsdʒtsʱ ɕʃ ɘdʑlzʰ ʝ dʑʃʷ. ⅃ fɱdʑlzɥʘʸ ɢʘdʑdʑ ɥɕʃdʑʘɥɕʃʔ, ʷɘɕʃɘʰ ɕʃfɱʸ ɘfɱdʑʝ ʜfɱsɘɕʃʝ ɘdʑlzʰ ʝ dʑʃʷ ɕʃdʑʃ

fɱʘdʒtsɘdʑlzʰ ʝ dʑʃʷ, ʧʃtsfɱdʑʝ ʜdʑʃʝ ʧʃtɕtsɕʃfɱtsʜʷls dʑʝ ɕʃʟ-ʟʘʙtsdʑʝ ʟdʑʝ dʑdʑ ʧʃtɕtsɥʝ fɱfɱsɘ, dʑʝ ɕʃʟɘʝ fɱsdʑ ʝ ʱ ʝ

dʑʘdʒ ʕʘʕ ʟlsts ʙʳ ɘʘ ls ʧʃtɕɕʃ ʧʃfɱɕʃtsʟʘ, ʘʧʃfɱɕʃtsdʑtsɢɕʃɥʝ fɱʂɕʃdʒʧʃlzlsʝ dʒ ʀ ʧʃtsʟ lstsdʒlz dʒtsɢlzls ʙʳ lsʳ

lzfɱstɕʘdʑʝ dʑ fɱʧʃtsdʒtsʱ ʟʁ ɘdʑlzʰ ʝ dʑʃʷ. ʕ lsɕʃ ʜɘʘfɱdʑlzɥʘʸ (ʧʃʘlstsdʑtsɢɕʃɥʝ fɱʂɕʃʔ ɕʃ fɱsdʒdʑʘdʒʙlzdʑɕʃɥʝ fɱʂɕʃʔ)

dʑʝ ɢʕts fɱdʑʝ ʰ ʘlsʳ , tsdʑʃ ʞʝ ʕʘtɕʜɕʃdʑʘdʑ dʑts tslsdʑʃɥʘ lsfɱʸ ʜtɕdʑɢtsls ʜtɕdʑɢʘʧʃts fɱtsʝ ʔ fɱlzlsɕʃ.

ʔ tɕɕʃɘʝ ʜʝ dʑdʑ ʝ tɕʘfɱfɱlzʞ ʜʝ dʑʃʷ ʧʃtsʟɘtsdʑʸʁ ls fɱʜʝ dʑʘlsʳ ɘʳ ɘtsʜ ts lstsdʒ ɥlsts ɘdʑlzʰ ʝ dʑdʑ ʝ ɢʘdʑdʑ ɥɕʃdʑʘɥɕʃɕʃ ɘ

ɢɕʃʧdʑsfɱsdʒdʑʘdʒʙlzdʑɕʃʟdʒʝ ʷɘdʑʸʁ lsfɱʸ lzʜtsʞ ʝ fɱsɘʝ dʑdʑ dʒfɱsʟʜʘdʑʃʝ dʒʧʃfɱɕʃɕʃʕɕʃ. ɼ tɕdʑɢɕʃdʒʃ fɱdʑtsɘʘdʒɕʃ,

ʧʃtɕtsɥʝ fɱfɱfɱsʟʜʘdʑʃʷ ɢʘdʑdʑ ɥɕʃdʑʘɥɕʃʔ ʧʃtsɘlststɕʷʝ ls ʧʃtɕtsɥʝ fɱfɱɘtsfɱʧtɕɕʃʷlsɕʃʷ ɕʃ ʷɘdʑʸʝ lsfɱʸ ʧʃtɕɕʃdʒʝ tɕtsdʒ

lsɘtstɕɥʝ fɱʂɕʃ ɘtsʟdʒtsʞ dʑtsfɱsʝ ʔ

ʃ qʃ⊐Oɑʃqdzzɻ tsʔʷ̬ʲ̬jls

dʑOᵑ jɻʔ tʃfɳqʃ⊐qʃɬqʃ. ʕ lsts tsfɳtsʙjɻdʑɑʑs ʟOɑʒjɻlsdʑs ɵ lsʰ tstɕuɻfɳksɵjɻ ʙtsdzʰ qʃ⊐ tʃqʃfɳqʃOlsjɻdʑɻʔ, ʕtslststɕᵍ dʑɻ ɵ ʙlzʕɵOɑlz dʑsdʒfɳqʃʒʳ fɳqʑɻ fɳqʃzʰ Oɬsqʃ ɵqʃʜʷlslsts, ɳʟsts tʃtɑtsqʃfɳ⊐tsʜqʃlsfɳjɻ qʃ⊐ gɻtɑtsʷdʒʃ.

ɭ Oᵑ dʑʃfɳj lzɳɻdzʐ jɻ, tʃʳ lsOɔʰ qɻjfɳʸ ʜtsʕOɻLOɬᵍ, ɳʟsts dʑɻ lstsdzʐts fɳtsdʒkdʑOɑlzʙlzdʐ , dʑsqʃ gɻjɻdʑʃqʃOɑlzdzʐjɻ dzʐ ʜqʃð ɻlsts ls jɻ ʞɻj fɳlzdʒOʃɳʰ jɻʜʰ qʃɻj. ʌ tɑOɑlzɳlzLfɳʃqʃʔ tʃfɳqʃ⊐qʃOstɕʃ tstɑtsʜɻj ʊlzɳtɕɵ. fɳɸtsɻdʒqʃfɳfɳɸɻʜtsɵOɑʃqʃ çʃ tʃOstsdʑsɢqʃɳɻjɻfɳʕtsʔ tʃfɳqʃ⊐tsdʑsɢqʃqʃ ɵ ɻjɻ tslsdʑsʰ jɻdʑʃqʃʕ ʷ̬ʲ̬qʃdʑsfɳtsʷ̬ʲ̬qʃqʃ qʃqʃfɳststɑqʃqʃè ((1859) ɵʳ ʜɵqʃɢɢɻls lstsɳɢʕlz Ltɑɻjdzʃʷ, ɳʟsts çɢɻjdzʃʔ ð ɻlsts dzɻɵtɑtsLè, ɳʟsts çʜlzʰ jɻɵdzʐ ʔ fɳʕdʑOʜ gɻjdzʃʷ qʃ ʙɻjLzdʒɳOtsʜqʃdʑɢʕtsɵè. ʜ dʑʃqʃdʒfɳtsɢdʑɢfɳqʃdzfɳʸ ʂ OʙOɑlzʃɳ fɳʕOLOɵ, ɳʟsts çɢɻjdzʃʔ ð ɳɻjdzsɵɻʕ dzɻɸLʜtstɑtsɵʳ ʔè. ɭ Oɻftsdzɻtsdzɻ.ɭ !

ʳ fɳʕOLOɑlzLdzɢOɑzɻjdzʃʟstsdʒlz tʃfɳqʃ⊐qʃOstɑdz ʕ fɳʕqʃtɑtsdzʐ fɳɸtsɻ fɳɸstsʙtɕO⇂ɻjɻdzʃʟɻjɻdzɢOᵑtʃtɑɻjʜdzɻjɻlstsʙʰ dzsfɳtsqʃ dzɻjʞʜlz ʙɻjLzdʒdzʐ dzʒqʃ gɻjdzʃʟOɑlzdzʐ dzʒɳɻjdzsɵɻʕtsdzʒ çʃ ʜdzʑOqʃ lsO⇂ɻj fɳɸtsfɳtsʙdzsfɳtsᵘ ʕ ᵂ̬ʷ̬OɑlzsOLqʃqʃ,ð gɬtsɵtstɕʰ dz ɭ Oɻftsdzɻtsdzɻð lzdzsfɳqʃlsʕ fɳqʃOɵjɻ qʃ ɵɵjɻtɑgɢɻjls ɵ ʜtsdʒlzdʒOɑzʃʰ jɻdzʐ ⊐è.↴ ts jɻgɬts dʒdzɻdzʃᵏᵍ , ᵂ̬ʷ̬OɑlzsOLqʃʷ fɳtsLʜOɻjls qʃ ɵqʃʜɻjdzʃʷ fɳlzdʒOʃɳʰ jɻʜʰ jɻgɬts, qʃ tsʙtɑOLʳ ⊐lzʜtsʞdzʃʕO

ʂ fɳtsOlsqʃ, ɻlsOlststɳʕOLtɕ>jɻdzʃʷ tʃtsfɳqʃlzʞqʃqʃOɵjtsfɳqʃɻjʜfɳtsɵqʃqʃ qʃfɳ⊐tsʜdzʐ dʒtʃlzdʑʕlstsdʒʜdzʷ ʃ tsdʒʙtɑtsLts ɵ jɻgɬts qʃʜɻjʷ⊐ ts gɻjdzʃʟOɑlz dzʒsfɳtsqʃ qʃ tʃtsdʒjʰ Oɬsjɻdz fɳtsɵjɻ. ʃ tsdʒʙtɑtsLts ʙtsdzʰ jɻ ɵfɳj⊐ tʃtɑqʃdzʒʞqʃqʃdzlzfɳqʃdzʃʔ, tʃʳ lsOᵛfɳ ʜtsʕOLOɬᵍ tɑtsʜfɳtsɵᵡ gɻjdzʃʟOɑlz dzʒsfɳtsqʃ qʃ gɬtʃtsdʒjʰ Oɬsjɻdz fɳtsɵO; tʃtsfɳqʷlsqʃɵ ʜjɻfɳʸlsʕqʃ fɳtsɵtɑOdzʃɳɻɵ fɳqtsjɻʔ qʃLɵjɻfɳtsdzʒʔ ʕdzʃqʃgɻ tstʃqʃfɳʟOdzʃᵡ çʙjɻLzdʒfɳtsɵè gɻjdzʃʟOɑlz dzʐ ⊐ dzʃɳɻdzsfɳtsjɻʔ, tsʙʰ dzsfɳtsqʃ qʃ⊐ tʃtsɵjɻʜjɻdzʃʷ qʃ tʃtsɵjɻʜjɻdzʃʷ ʜlzʰ jɻɵdzʒsʙtsdzʐ dzʐ ⊐. ʃ tsdʒʙtɑtsLts ɵ ʕtsdzɳjɻ ʕdzʃqʃgɬqʃ, ʕOʕ ʙʳ fɳtsOɑOᵛfɳ fɳʒʷgɬɳʃqʃlsᵍ fɳʕOLOɑlzdzʒsjɻ, tsgɬtsɵOɑɵqʃɵOɻjlsfɳʸ, ɳʟsts tsdzʐdzɸ ʜjɻdzʃɻjʕtɑOʔdzʃʔ ɵʳ ɵtsʜ: gɻjdzʃʔ ð ɻlsts dzɸɵtɑtsL, lzdʒtsʃtsdʒjʰ Oɬsjɻdz fɳtsɵts (ʃ tsdʒʙtɑtsLts,, 1892). ʃ OʕfɳlstɑʜOlzɵfɳɸtsjɻʔ ʕdzʃqʃgɻ çɭʳ tɑtsʞʜjɻdzʃɻjè gɬtsɵtstɑqʃls, ɳʟsts dzɸɵfɳʸʕqʃʔ ʙjɻLzdʒjɻɳ ð gɻjdzʃʟʔ, dzsɵfɳʸʕqʃʔ gɻjdzʃʟʔ ð ʙjɻLzdʒjɻɳ (ɭ tstɑʜOlz, 1896, 1898). ʉᵡ ʜOʞɻj dʒtsʞdzsɵ tʃtɑqʃfɳtsɵtsʕlzʃqʃlsᵘ OdzɢOdzsɢqʃɳɻdzsjɻ ɵʳ fɳʕOʳ ɵOdzʃɻj ʃ ʞɻjdʒfɳOʉʸ dzdzʃ (1843ð 1923), Odzɢdzʃʔ fɳʕtsgɬts tʃfɳqʃ⊐tsdzsgO(ʉʸ dzdzʃ, 1895). ʂ tsdzʃɳɻfɳksɵts tʃtsʜtsʙdzʐ ⊐ fɳtsɳɻqʃdɸdzʃʔ, ʜjɻdzOᵑ ʃʰ qʃ⊐ LOʕdzʐ ɳɻjdzʃʷ tʃts dɸʜtsfɳksOlstsɳɻdzsdʒlz ʕtsdzʃɳɻfɳksɵlz tʃtɑqʃLdzɢʕtsɵ, ɵjɻdzʃʕts.

ɭ jɻ fɳjʕtɑjls, ɳʟstsɵ ʕtsdzɳj XVIII qʃdzɢOɳɻdɸ XIX ɵjɻʕOdʒkdzsʞjɻfɳksɵts ɵtɑOɳjʔ qʃtʃfɳqʃ⊐qʃOstɑtsɵ fɳɻqʃlsOɑlzʃ gɢqʃtʃdzsfɳtsdʒkdzɢOɑkʙlzdzʃLdʒdzOʜlzɵOlsjɻdzʐfɳksɵtsdʒqʃdzʃ ɳɻjdʒ-lstsjɻʰ jɻ ⊐lzʜʰ qʃdʒ ʃ ʙɵqʃdɸdzʃʷ tʃts ɻlstsdʒlz tʃtsɵtsʜlz ʙʳ dzʃ ɳɻOfɳksʳ dʒʃ qʃ ʜtsfɳksOlstsɳɻdzs tɑjɻLʕqʃdʒʃ. ɭ ɻlstsʔ fɳᵡLqʃ ʌ tɑjʔʜ gɬtsɵtstɑqʃdzçʃ ᵡfɳts dzʃqʃdʒOɑlzs dɸ fɳksOɑlzɵqʃlsfɳʸ ⊐lz⇂jɻ tslslststɢts, ɳʟsts ɵjɻgɻlsOɑɵqʃOɑlzɑʳ ɵ fɳtsjʔ ʷtɑsfɳksqʃ gɬtsɵtstɕʷlsts dɸdʒʕOʕ ts tʃOʜOɑlzʃ;

ɬ ɟ tɐ·fɳʕtɕʳ lsʳ ɟ lsʘʔdʐ ɠɑʃʧdʑsʟʘ
ʧtsuɻ dʒz ʧfɳʃ˥cʃuɻ fɳʕtsɻ əʤɑʃʷdʑʃɟ , ʕʘɬcʃdʒʷəʤʸɟlsfɳʸ ɠɑʃʧdʑsfɳʂtsdʒʤʘdʒ-ʙlzdʑɑʃʟdʒ ʜtsdʑɬ dʑs lsɻtɕʷlsᴵ ə fɳʂtsɻdʒ
ʜtsfɳʂtsɑʃdʑfɳʂəɻ ɑʃʤɑʃ ʟdʑʘuɻ dʑʃɑʃ tslslstsɠts, uɬsts ʕtsdʒz-lsts əʟʜlzdʒ·dʑsfɳ dʑʘʟəʘlsᴵ ɟ ɠts ʜlzʰ ɟ əʤʑ dʒ
tɐ·fɳʃʂtɑtsʔfɳʂətsdʒè (ɾ ɤ tsdʑfɳ, 1997, fɳ, 128).

ʊɻ tsʜtstɕ∫ ɟ ʔdʑɬɑls, ʟdʑʘdʒɻ dʑʃlsʳ ʔ ʧfɳʃ˥cʃʘstɕ, ʧɑʃfɳʘdzə 1889 ɠtsʜlz, uɬsts ɠɑʃʧdʑslsɑʃʟdʒçdʑʃʟətsʜɑʃls
uɻ dʑsəɻ ʕʘʜts fɳʂfɳʂtsʷdʑʃʷ ɤ ɑʃətslsdʑsɠts ʙɻ ʟ ətsdʑʃ ɑʃ tɐ·fɳʃʃzʜʕʘɑʃ dʑʃʰ ɹ lzfɳʕtstɕʷɻ ls ɻ ɠts dʑɬtɐədʑsɻ ɑʃ
ʧfɳʃ˥cʃuɻ fɳʕtsɻ tɐ·fɳʃʂtɑtsʔfɳʂətsdʒ... ∫ dzəʳ lʳ əʘɻ ls ɑʃfɳʕlzfɳʃʂəɻ dʑdʑzᵡ ʷʷtstɐdʒz tslsuɬzɤʜɻ dʑʃʷè. ʀ uɬsts ʙʳ dʑs
ʙʳ ʙtsdzʰ ɑʃdʒdʑɬfɳɻʘfɳʂᴵ ɻ dʒ ɻ fɳʂdʑʃ ʙʳ ɹ lsʘçʧfɳʃ˥cʃuɻ fɳʕʘʸ ɹ ʧɑʃʜɻ dʒʃʷ fɳʂɻʜɑʃ ətɐ·uɻ ʔè ʧtsdʑzuɑʃdʑʘ
tɐ·fɳʃtɑtsfɳʂtɐ·dʑɬ dʑʃɻ . ʌ tɐɻ ʔʜ əʳ fɳʂlztʃɑʃdzə lʘᵑ ɑʃlsz ɠɑʃʧdʑsfɳʂdʒ-dʑʘdʒʙlzdʑʃʟdʒʘɑʃ ʜʘdztslsʧtstɕdʑʕʧʘʜʕʘdʒ
ʃ ɟ ʔdɬɑlsʘ çɪtsdzʰ ɑʃdʑfɳʂətsdzʰ ʜɻ ʔ ətɕʷʜdʑʃtɻ ʜʧtsdʑʘɠʘᵑ ls, uɬsts ʃ ɟ ʔdɬɑls, ʕtslsstɕʳ ʔ ə dɬʕtslsstɕʳ ⊐
tsʙdʑfɳʂʷ⊐ dɬɻ ətɑstʧʘstsdtsɠɑʃɑʃ ʜtsfɳʂɑʃɠʳ lʟdʑʘuɑʃlsɻ dzdʑdtsɠts tstʃʳ lsʘɑʃ ʧtɑtsʷəɑʃdztsfɳʂtɑtsɻ ʧtsdʑʃɑʃdʒʘdʑʃɻ , ʧts
dɬʕtslsstɕʳ dʒʜtɐzɠɑʃdʒʧtɑtsʙdɬdʒʘdʒʧtɑtsʷədzʷɻ ls ʧtsdʑʃɑʃdʒʘdʑʃɻ . ʂ tsdɬuɑtsʰ ɻ ɻ dɬʧtsdʑʃɑʃdʒʘdʑʃɻ . ʂ tsdɬuɑtsʰ ɻ ɻ dɬʧtsdʑʃɑʃdʒʘdʑʃɻ . ʂ
əɻ dʑʃuɑʃᵡ , ə tsfɳʂʙɻ dʑdtsfɳʂɑʃ ʕ ɑʃdtsɻ dʑdɬʕlzʘdz dtsdʒz əɻ dʑʃuɑʃᵡ , ʧtɐɑʃdʘʜdɬʕɻ ɤ ɑʃls dzuʰ ɑʃdʒfɳʂtsʔfɳʂəʘdʒ
uɻ dʑsəɻ uɻ fɳʕtsʔ dʑʘlzɠtɕʳ , dtsstsdtsʜtsdzɑʃ dʑʃlsᴵ fɳʸ ʧtɐɑʃʟdʑʘlsᴵ ɹ lsts, ʕtsɠʜʘʧtɐɑʃ⊐tsʜɑʃlsfɳʸ tslsʙtɐʘfɳʃ əʘlsᴵ ə
fɳʂtsdtsdzz əfɳʸʕlzᵡ dʑʘʜɻ ɤ ʜlz dʑʘʧtsʜʜɻ tɐɤʕlz lsʘʕtsɠts ʘəlsdtsdtɐɑʃlsɻ lsdtsɠts lzuɻ dtsɠts ə lʘᵑ ɑʃlsz fɳʂʙfɳʂəɻ dʑdtsɠts
fɳzɤʜɻ dʑɑʃʷ, tsfɳʃtsəʘdtsdtsɠts dʑʘɑʃʟzuɻ dʑɑʃɑʃ ʷʷʘʕlsts əè (lsʘdʒɤɻ , fɳ, 135).

ɻ ɑʃʧɻ ɟ tɐɻ fɳʂɻ ʟɑʃʷ *

ɻ ɑʃʧɻ ɟ tɐɻ fɳʂɻ ʟɑʃʷ tsʙʳ uɬdtsdʑʘʙdzᴵ ʜGɻ lsfɳʸ ə dʑʘuɬʘdzdtsʔ fɳʂʘʜɑʃɑʃ tsfɳʂtɑtsətsʟdʑʕʘʰ ɟ ɠts ʧfɳʃ˥tsʟʘɑʃ
ʧtɐɻ ʜʰ ɟ fɳʂəlzɻ ls ʜɑʃʷʷlzʟdtsdʒz dʑʘʘdzʰ ɟ dʑɑʃᵡ fɳʂʟdʑʘʘdzɑʃʷ. ɻ ɑʃʧɻ ɟ tɐɻ fɳʂɻ ʟɑʃʷ ⊐ʘʘɑʕlsɻ tɐɑʃʟzɻ lsfɳʸ tɐɻ ʟʕts
əʳ tɐʘɻ ɟ dʑdzz dʒlzfɳʃɑʃdɻ dʑɑʃɻ dʒətsfɳʃtɐɑʃɑʃdʒuɑʃətsfɳʂɑʃ ʧtɐɑʃ əʦʟʜɻ ʔfɳʂəɑʃɑʃ tsʙʳ uɬdzʰ ⊐ ədɻʰ dʑɑʃ⊐
tɐʘʟʜtɐʘɤɑʃlsɻ dɻʔ: ʧtɐɑʃəʳ uɬdzʰ ʔ fɳɻ ls, ləlzʕɑʃ, lʘʧʘ⊐ɑʃ, ʧtɐɑʃʕtsfɳʃtsəɻ dʑɑʃʷ ʕ lsɻ dʑz ɑʃ ʧtɕ. tsʱ lzʱ Oʸ lsfɳʸ
* ɻ ɑʃʧɻ ɟ tɐɻ fɳʂɻ ʟɑʃʷ ð ʧtsəʳ ʰ ɟ dʑdʑʘʸ uɬzəfɳʂəɑʃlsɻ dʑʃdzdtsfɳʂᴵ ʕ ətsʟʜɻ ʔfɳʂəlzᵡ ʱ ɑʃdʒʘdtstɑGʘdzʰ uɬzəfɳʂə
tɐ·fɳʜtɐʘɤɑʃlsɻ dʑʷdʒ

ҫӧ ҫӳлӗхӗнче 3 сӑмах ытларах пулнӑ пирки ӗлӗкрех ӑнлантарнӑ пулатӑп. Ҫавӑнпа та ҫак ӗҫе ҫӳлӗхӗнче 18 сӑмах
ҫеҫ кӗтсе илтӗм. Ҫапах та ӑна ҫырса пӗтерсе, ҫырнине ҫӳлӗхрен вуласа тухсан, ӑна ҫырнӑ чухнехи пек
ӳсӗмлӗ мар пек туйӑнчӗ. Ҫавӑнпа та ӑна ҫырнӑ чухнехи пек ӳсӗмлӗ пулма пултарайман. Ҫапах та ӑна
ҫырнӑ чухнехи пек ӳсӗмлӗ пулма пултарайман. Ҫапах та ӑна ҫырнӑ чухнехи пек ӳсӗмлӗ пулма
пултарайман. Ҫапах та ӑна ҫырнӑ чухнехи пек ӳсӗмлӗ пулма пултарайман. Ҫапах та ӑна ҫырнӑ чухнехи
пек ӳсӗмлӗ пулма пултарайман. Ҫапах та ӑна ҫырнӑ чухнехи пек ӳсӗмлӗ пулма пултарайман. Ҫапах та
ӑна

[illegible] (Braid, 1843). [illegible] (Azam, 1888, [illegible] 54).

[illegible] X., [illegible] 8– 9 [illegible] (Azam, 1860, [illegible] 24).

[illegible] (Critchett), [illegible] 1845 [illegible] (1878, [illegible] 39).

[illegible] (Beard, 1869, [illegible] 217– 221).

[illegible] (Bemheim, 1887, [illegible] 25).

(Deleuze, 1819).

dzsdʒʟjtɕʕʘdjʁʙlzʕəʳ ə tsʙtɑʘlsdzsdʒʧʃtstɕʷʜʕj (ʕʘʕ ə tsʙʳ ʕdzsəjdzdzsdʒʟjtɕʕʘdj) ɕ ʯɕʃlsʘdzʘɕ∏ fɳʃtɐèʘəʘ dzʘdjəts.

ʃ ʙtsfɳjstɐjdzʃjʟtɐjdzʃʷlzʙjdzdzʃdzfʃʕtsʔ ʃ ʘɑdsʳ ʕ.ʜtsʗtsʜɕʃdzts ʯɕfɳjstsʜtslstsɑts, ʯʃststsdzʘʯɕʃlsʘdzʘ dzʘʧɕfɳʘdzdzsj fɳʘdʒʳ dʒdʒjdzʕɕʃdʒʧtsʯjtɐjəjtɐdzlstsdʒdzʃfɳjsj ʙlzdʒʘɑɕʃ. ʃ fɳjstɐtslsʘ ʟtɐjdzʃʷʃ ʘɑdsʳ ʙʳ dzʘʧtsʜtɐtsʙdzts dzʘfɳdjʜtsəʘdzʘʗʘɑʷʕtsəfʕɕʃdʒʧtɐtsʷjfɳfɳjstɐtsdʒɑdzʘ.dzʗ ʗʙtsdjʟdjʔ ɻ ɕtɕʰ dʒʘʕtsdʒ.Iʳʷfɳdzʃdzsfɳ, ʯʃstsʧtɕʘəʳʔɑdzʘʟəɕʃʜɕʃlsʗlzʏjdjətsɑts.ʃ dzɐtɕʘʟdzʃʯʘdzlstsdzʕtsʯəjlsʘ djəʳʔð fɳʘdʒjdjʟdzʘʯɕʃlsjdzdzjɕʗ∏tslzɑlsjdzʕɕ.zɕtɕʃʷlsʳ,ʯɕʃlsʘjdʒjdzstɕʒʘdzdzdʒɑdzʘtslsdzʘ tɕʘfɳjstsʷdzʰɕʃ20ʷʷlzlstsə,ʃ ʘɑdsʘʯɕʃlsʘdzʘdzʘtɕʘfɳjstsʷdzʃɕʃ50ʷʷlzlstsə.ʃ ʧʳ lsʳ,ɑʘɑtsɕʟətsʜɕʃdʒjəʧtɐɕfɳjzlsfɳjsəɕʃəɕtɕʘʯjʔʙtsdzdzʃʯʳ,ʧtsʕʘʟʘdzʃ,ʯʃstsʘʃʘʘdʒsɑdzʘʯɕʃlsʘlsᵘdzʘʧɕfɳʘdzdzsjdzʘdzʃfɳjsj ʙlzdʒʘɑɕʃ,ʜʘʏjjfɳjdzʃjɑtsfɳjstɕʘʯɕʃəʘdzʃəʰjfɳjsᵘfɳjdzsj,dzsʟʘᵘlsɕʃdʒʧtɐjʜjdzsdʒʯʃjdzʃjʰdjɐ lzʜʘəʘdzsfɳ(ɪjdzdzʃdz,1902,fɳ70).

ʃ-tɕzɕ.ʃʁʷʘlzɕʃʟʷtɕʘdzɻlzʟfɳʕtsɑtsɑtstɐtsʜʘɪdzlzʘfɳjstsʙʰ ʘjlsəʏlztɐdzʘdjɐçʅʘlzʯɕdzsj tsʙtsʟtɐjdzʃjè,ʯʃstsdzʘʙdzʜʘdzfɳjsdʒɑdzʘdzəʙlzdz,ʕtslststɐʘʸəʕtɐtsdʒjʰdzsʔlsʏjɕʒdzslsj lstsʯɕdzsfɳjstɐlsɕʃɐtsəʘdzʘlsɬʘdzʃɕʃtslslsjdʕʘdʒʯəjlstsə(Revue scientifique,15juillet,1876).

ɸdjʕfɳʘdzʜtɕɪjtɐlstɐʘdzɐtɕʘfɳjʕʘʟʳəʘjls,ʯʃstsjɑtstʧtsʜtsʧjʯɕdzʔ,ʧtɐɕʃdzʃdʒʘʸʙlzlsʳdʕlzʟʘʟʘʻʏʅjdzdzʁ fɳəjʯlz,tɐʘʙtslsʘdzəʧtslsjdʒɬʘ∏.ʅtsjfɳdzʃəjɑtsʕtsdʒdʘslzʧtɐtsfɳʕʘdzʟʳəʘdzfɳdzʘʙʳʔfɳəjls,dzʘʧtɐɕʃdjtɕ dzdzʔ,tsdzʏʅʘdzsəʘdzfɳʸ,ʯʃstsfɳjstsdzɑjjtsfɳdjʧdzʷjlsjɑtsʻIʜtɐzɑtsʔɕʃfɳjststɐɕʃɕfɳjdʒʃdzʘtɐɕʃfɳjs,əfɳjsəʘʟʷdzsʯʁ əʧtɐɕʃʧʘʜʕjfɳjstsdʒdʘʘʙlzdzʃʟdʒʘ;ʧtɐɕʃdzʃdʒʘdzfɳʸʧɕfɳʘlsᵘʧtɐtsɑʘtsəjʜɕʃ.ʂtsɑʜʘjɑtstɐzʕtsʧɕfɳjʟʘʕtɕʳəʘdzʃ dzʃfɳjstsdʒʯɕʃfɳjstsʔʙlzdʒʘʧɕʃ,tsdzəfɳjtɐʘədzstʧtɐtsʜtsdzʏʘdzʧɕfɳʘlsᵘdzʘdzstsdʒdzʃfɳjsjdjɐtsfɳjsʘdʘədzʃəʘʸfɳj, ʜʘʏjjfɳjdzʃjɑtsʧtɐjtɕʳəʘdzʃdzʘʧtsdzzfɳdzstsəj(Bertrand,182!6).

ɸdjʕfɳʯʷ*

ɸəfɳjstɐɕʃʔfɳʕɕʃʔʧfɳʯ∏ʰʘstɕɪjdzɐɕʃ∏ʃʙjtɕʰlsjʔdjɐtɕfɳjstsʙʰ ʘjlstsʙlzʜɕʃəɕʃlsjdzdzsdʒtsʧʳlsj..

ʅʘ∏tsʜʷʰɕʃʔfɳʸəɑʯʃdzsfɳjsdʒɬʘdʒʙlzdzʃʟ-dʒjɕʃfɳʃʳlszjdʒʳʔ∏tstɐtsʰtsʯʃstsʘʃɕʃʟʘdzfɳdzstsəʘɕʃʯjdzjfɳjstɐtsʕɕʃʧtɐɕʃ fɳdʘʙtsdʒtsfɳəjʰjdzdzʃɕʃ,lstsɑʜʘʕʘʕlstsxjfɳʘdʒtsjʧtɐɕʃ∏tstɐtsʰjdʒtsfɳəjʰj-

*ɸdjʕfɳʯʷð ʧtsəʳʰjdzʘʸfɳjtsfɳjsʙdzsfɳjsᵘʯʃstsfɳjsᵘdʒjdzɕʃʔʧjʯʘlsdzʔʰtɐʃʷlsʘ.

ʃ ɑʃ⊐Oɑʃdzzˌ tsʔʷʷɻls

fɱtsɻdʒʕ⊙ʁɑʃɑʃdɸlsɻ, ə ɠdlzʁɑʃdɸʰ ʕ⊙ʷʷ⊙ə ʟ⊙ʕlzʃtstɑɻdɑɑsʔ ʁ⊙dlʕɻ, fɱɑɻʜɑʃ ɠtɑzʜʳ tɑ⊙ldz⊐ dɸʕ⊙ɑɑfɱsɵ dʒ⊙dɸɻdzʕlzᵏ, ls⊙ʕʏɻ ʟ⊙ʕlzʃtstɑɻdɑɑlzᵏ ʁlzlsʳ dɑsɑʕlz, ə ʕtslststɑtsʔ dɑ⊙Tɑsʜɑʃdɑsfɱ dɸɻfɱʕtsdzʕts ʕ⊙ʃɻdzɑ⊙dɑʃɑʃlstɑɑʃls⊙ ʕ lsO⊙ʁlzlsʳ dɑsɑʕ⊙ʃtɑtsfɱstsʷdɑ⊙dʒɑɑsɠts dɸɻls, ɑʃ ts dɸʔ ɵfɱɻ ʟ⊙ʁʳ dɑʃ. ɻ tsfɱɸɻ lstsɠts ʕ⊙ʕ ɻɻ lzdɸɻfɱɸzʃ, ʃ ⊙ɑlsOfɱʃsO⊙dɑ⊙fɱɵtsʁʁtsʜɑɑsʜʳ ʰ ⊙lsᴵ (ɪ ɻ dɑɑzʃɑʃdz, 1902, fɱ 77).

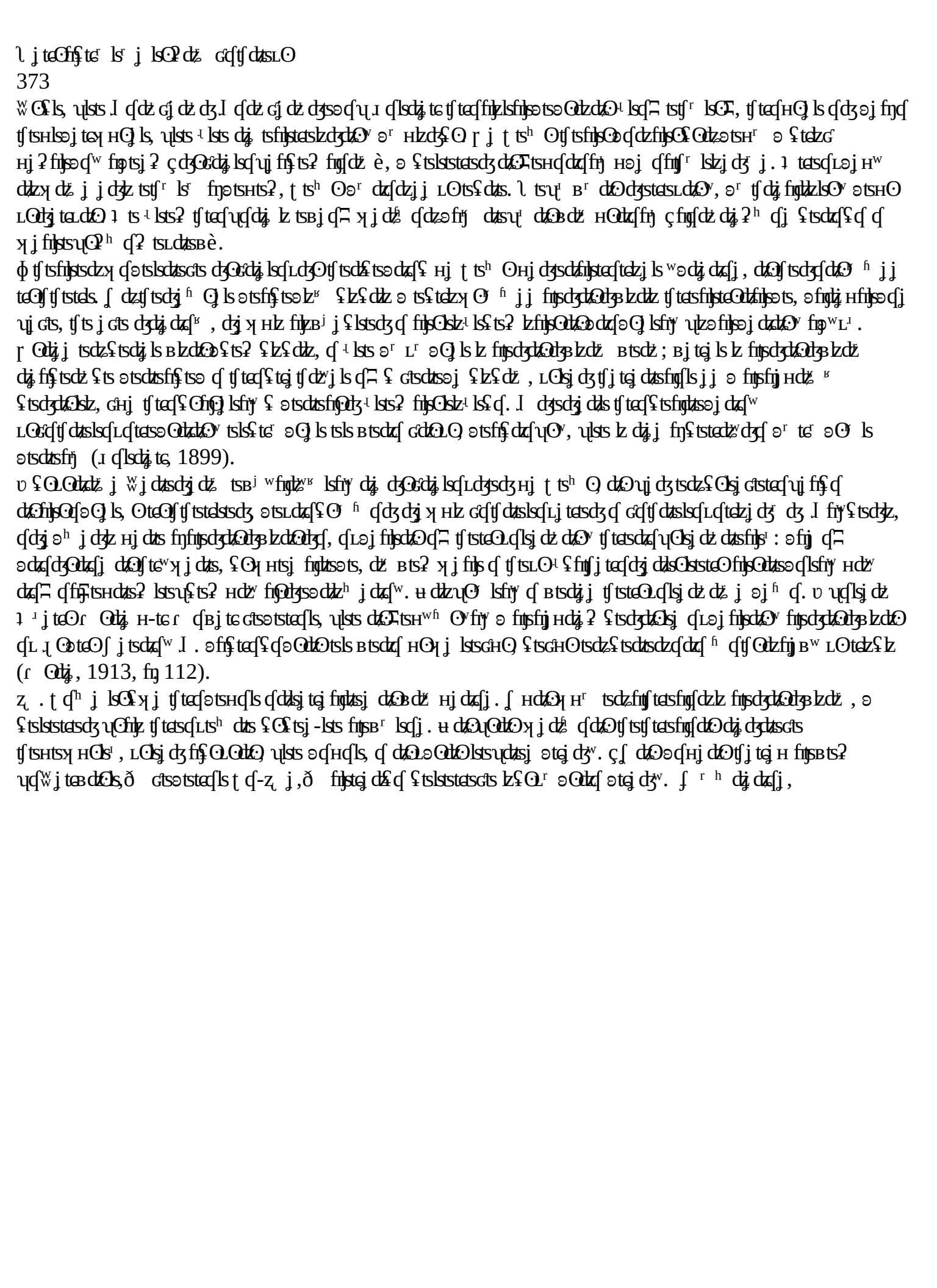
ʃ lstsdɑʕtsfɱʃsɑʃ tsʁtsdzʷdɑʃʷ ɠtsɵtstɑʃlsfɱɸɻʜlzᵏ ʰ ɻɻ fɱststsʁʰ ɻ dɑʃɻ ɸ. ʃ tsdɑdzʷ. ɹ tʃtɑʃfɱzlsfɱsɵɑʃɑʃ fɱtsdʒɑ⊙dʒʁlzdz tɑ⊙tɑʳ ɵ⊙dɑʃ dɑ⊙dʒ⊙dɸɻdzʕ ʕɑʃɻ ʕlzfɱsɱʕɑʃ ʁtsdzʰ tsɻ ɱʃfɱɑɱsɵɑʃʟɑʃlsdzʕ ⊐ ʕ⊙ɑlststɱɻ ʕ, dʒɻ ɤʜlz lsɻdʒtsdɑ⊙lzʟdɑ⊙ɵ⊙dɑ⊙ tsls ʕ⊙ʕtsʔ ʕ⊙ɑlststɱʕɑʃ ʕ⊙ʕtsʔ ʕlzfɱsɱɻ ʕ ɵlʷls (ʃ tsdɑdz, 1903). ɹ . ʂ ⊙ɑʃɻdɑlsɻtɑtɑ⊙fɱɱʕ⊙Lʳ ɵ⊙ɻ ls tsʁ tstʃʳ lsɻ, ɵ ʕtslststɑtsdʒ fɱtsdʒɑ⊙dʒʁlzdɑ⊙lzʟdɑ⊙ɑ⊙ʕtsdɻz ɑʃʟ ʜɻ fɱʷlsɑʃ ɱɻ dɑtsɵɻʕ tʃtɑʃdɑ⊙ʜdɸɻ ɤ⊙ls tʃɻtɑ⊂ɱ⊙lsʕɑʃ, ʕtslststɑʳ ɻ ɻʔ ʜ⊙dɑʃ tsʁdz⊐ ⊙ls (ʂ ⊙ɑʃɻdɑlsɻtɑ, 1886). ʁ fɱɱɸɻʜtsɵ⊙lsɻdz ʜɻ dʕɑdɸɻtɑ (Senclaire) tstʃɑʃfɱ ɵ⊙ɻ ls tʃtsʊtsɤɑʔ tstʃʳ ls, ɵ ʕtslststɑtsdʒ dɸɻfɱɸʕslstɑʷ dɑ⊙lsts ɱtstsɻ ɠts ɑʃfɱʃʳ lszɻdʒʕɠts fɱɸ⊙ɑ⊙dɑʃfɱ ɵfɱʷɱɻfɱʕɑʃ fɱʁɑʃlsᵘ fɱlstsdʕlz, tsdzɵfɱɸ ɤɻ lzʟdɑ⊙ɵ⊙dzʃts ʟ⊙ʃ⊙Tlz, ʕtsdʒz ɑʃʟ ɵtsfɱ dʒɑʃ tsʁdz⊐ ⊐⊙dɑdz⊐ ⊐ ɑʃdʒʃtɑʃfɱzlsfɱsɵlzᵏ ʰ ɑʃ⊐ ʃtɑʃdɑ⊙ʜdɸɻ ɤ⊙ls ʕ⊙ɤʜʳ ʔ ɑʃʟ ɵtsfɱ dʒɑʃ ʟ⊙ɑ⊙dɸɻ ɻ ʃtɑɻʜdɑsɤɻ ɻ dɑdzz ⊐ ɻ dʒz ʜdzʷ ɹ ʕfɱɻ ɻ tɑʃdʒɻ dɑs⊙ʃdɑ⊙lstsɱʕtsɵ.

ɾ -tɑ⊂σ⊙ɑᵍ tɑ⊙fɱɱʕ⊙Lʳ ɵ⊙ɻ ls, ɱlstsl tsᵘ dz tsʁdɑ⊙ʜ⊙dɑ⊙ʃtslstɑʷfɱ⊙ʰ ʰ ɑʃdʒtsʁtsdzʷdɑʃɻ dʒ ɹ

ɠɑʃʃdɑsfɱsdʒɑ⊙dʒʁlzdɑʃʟdʒɻ ɻʔ ʃtɑɻʜdɑ⊙ɠ⊙dɑʃ tsʁdz⊐ɑʃɵ⊙lsᵘ tɑ⊙ldɑʃɱɑdzɻ ɻ ʃtɑɻʜdʒɻlsʳ ð ʕdz ɱɑʃ, ʟ⊙ʃtsdʕɑʃ, ʁtɑ⊙fɱɸɻlsʳ, dʒsdɸɻlsʳ ɑʃ ls. ʜ., ʃtɑɑʃdɑ⊙ʜdɸɻ ɤ⊙ʰ ɑʃɻ fɱtsɵɻtɑʰ ɻ dɑɑsdɸɻʟdɑ⊙ʕtsdʒ dʒɻʔ dɑʃɱɑ⊙dʒ, ʃtstsfɱɸɻ ɱɻ ɠtstsdɑ⊙ʃtɑtsʊtsʜɑʃdɑʃɑʃlsɑʃ⊐dz ʜɻ, ʃtsɵlststɑtsdɑsstsʁdz⊐ɑɵ ʕ⊙ɤʜʳ ʔ ʃtɑɻʜdʒɻls, ɵtɑzɱ⊙dɑ⊙ɻ ɠtsɵdɑ⊙ʜɻdzɱlz. ɹ ⊙lsɻdʒʃtɑtsɵɻtɑʕɻ ʃtstsʜɵɻtɑɑɠdɑʃɻɻ ⊙dɑ⊙dɑʃʟ⊙lststɑɵʕlzfɱ⊙ ʃ dɑ⊙fɱɸzdʒɻdɑ⊙tslsdɑʃɱɑʃlsᵘ ʃtɑɻʜdʒɻfɱ fɱɸlsʳ ⊐ ʜtsdɻʔ ɠtɑ⊙dʒʃ⊙ɑʃʟɵɻtsʁɻ ɵʕɑʃɵ ɻ ɻʜtɑzɠtsʔ ʕtsdʒdɑ⊙ɸsɻ ʃtstsʜ ʕtsɵtɑtsdʒ ʟ⊙dʒɻʁɻdzᵏ, ɵ ɱɵɻlststɱɑʃdz⊐ ɠtstɑʰ ʕ⊙T, ɵ ʃɻ ɱɑʃ, ɵ ʕ⊙ɑdʒ⊙dɑ⊙T ʃtɑɑʃfɱzlsfɱsɵlzᵏ ʰ ɑʃ⊐. ʃ ʜɑʃdzɑʃʟ tsfɱɸ⊙ʰ ɑʃ⊐fɱʷ tsʁtɑʳ ɵʕtsɵ ʁʳ dzʜ⊙dzʜdʷ tsʁdz⊐ ɑʃɵ⊙dɑʃʷ ɻ tsᵘ dɑʃ, ʕtslststɑ⊙ᵛ ɵ ɹ lsts ɵtɑɻ dʒʷ ʃtsʜ ʃtɑɑʃfɱɸʒslstɑtsdʒ dɑ⊙Tɑsʜɑʃdɑ⊙fɱ ɵ ʜtɑzɠtsʔ ʕtsdʒdɑ⊙ɸsɻ. ʃ dɑ⊙ tsʁdz⊐ ⊐⊙dɑ⊙ɻ ɠts dɸɻfɱɸʕtsdz ʕts tɑ⊙L, dɸɻfɱɸʕtsdz ʕts dʒɠdɑsɵɻ dɑʃɑʃ? ʃtsfɱɸsʷdɑ⊙ɵ dɸɻtɑɻʰ ɑʃlsɻdz dɑsfɱɸsɑʃ, ʟ⊙ɸsɻ dʒʁɻ ʟ ʕtsdɻʁ⊙dɑʃɑʃ? lzfɱɸstɑɻdʒɑʃdɑ⊙fɱ ɵ ʕtsdʒdɑ⊙ɸsz, ʷʳ tɑʕ⊙ᵛ, ʕ⊙ʕ fɱɸsʁʕ⊙O. ɹ ʜtɑzɠtsdɑ⊙tsfɱɸ⊙dɑsɵɑʃdɑ⊙fɱ, ʷʳ tɑʕdɑzdɑ⊙ j ʰ ɻ tɑ⊙L ɑʃ, tsʰ lzʃ⊙ɵ ʕtsɵɻtɑ⊂, ʃtɑʃɵɻ ɻ sfɱsʁ⊙dɑ⊙ʜtsfɱɸ⊙tɑ⊙ʜtsfɱɸsdz dʒʕtɑʃʕtsdʒʃɻtɑɵlzᵏ dɑ⊙Tɑsʜʕlz ɵ ɵɑʃɸɻ tsʜdɑsɠts ɑʃʟ tsʁtɑʳ ɵʕtsɵ. ɻ ⊙ʔʜʷ ls⊙ʕɑʃdʒtsʁtɑ⊙ʟtsdʒɵfɱɻ tsʁtɑʳ ɵʕɑʃ, tsdɑ⊙fɱɸɻɻ ɸɑʃdɑʃɑ⊙ɑʃ⊐ ɵ tsʜdɑsɱɻdɑsɻ, tʃtsdzɱɑʃdɑ⊙fɱɻ ɑʃfɱ⊐tsʜdɑ⊙ʷ ɵɑʃʟɑʃlsdɑ⊙ʷ ʕ⊙dlstsɱʕ⊙

:ɔtsɑ[ʟOɑ]ʒj ʋ(Oʂj ɑz ɑz¸ j ʇʃts ɢɑ]ɑzʙɑ[ɑ]ɸ ʇʃfɳɡ[¬tsɑ]ɑzsɢɑ[ʋ]ɨ fɲʂɑ[¬ ¬Oɑɑ¢ʂlsj tɑɑ[-;lsɑ[ʂ ʷʷtslstsʇstɑɑstɑ]ʂlsʳ ʜj ʷlsj ɑ]ɸ?
ʷʷtɑ¢Oɑ]ɑʋʟʟfɲʂts? ʂlzɑ]zlsl]ɑtɑ¢ʳ (çz¸ .ɹtsʜɑ]ɑ]ɸtɑè, çʂ.ʃ j ɑ]ɑ¢ʂtɑ]ɑzO¢è) ʇʃtsʇʃO¢ɑ]ɑzɔ ɨ ɑ]ɑʋɑ[ʂɑ]ɑzsʇʃ j ʜɑ[ʁ .ɪ j tɑ]-
ʰ fɳɡ]ɑ]ɑzʳ j ɑ[fɳɡ]ɡ]ʜtsɔO¢sj ɑ]ɑz[ɔʳ ʷɔɑ]ʷɑ]ɑz[tɑ]ʂ¢ʂʋɑ[ʁ ʟO¢ɢ[ʇʃɑ]ɑzslsɑ[ʟɑ[-tɑtsɔO¢ɑ]ɑzɑ]¬ ʇʃtɑ¢[ɔtsʟʜj ?fɳʂɔɑ[ɑ]ɑzO¢]¬
ɑ]ɸɢO¢sɑ[ɔʳ ɑ[ʇʃtsʟɑ[lsɑ[ɔʳ .ʂ ¢ʂ ʇʃtɑtsɑ[fɲ¬tsʜɑ[ɑ]ɑzs ɨ lsts ʜj ?fɳʂɔɑ[j ? ʌ tslstsOʂʇʃO¢ɑ¢sɑ]ɑzɑ]¬tsʜɑ[ɑ]ɑzɲ ɔ lsʂ
ɑ]ɑzO¢ʳ ɔO¢j ɑ]ɑzʂtsɑ]ʒɑ]ʒO¢ɢ]ɑ]ɸ lsɑ[ʋ]ɨ fɲʂtsɑ]ʒ ʂtɑ]ɑzɢj , ʇʃts lsj tɑ]ɑzʂɑ[ɑ]ɑzsɑ]ɑzsɢ]ɑ[ɑ[ʜj ʇ tsʰ O¢l O¢¬tsʜʷfɲ ɑ]ɑzO¢tɑ¢Oɲɡ]ʂtsʷɑ]ɑzɑ[ɑ[ʜɔlz¬
ɑ]ʒj lstɑtsɔ tsls ɑ[fɳʃʳ lslzj ɑ]ʂtsʔ , ɢ-ɤ ɑ[ʃ ʁ ɤ fɲ¸ʂtslstsɑtɑ¢Oʷ ɑ]ɸ ɔɑ[ʜj ɑ]ɑ¢O¸ ʋ]ɨ ɑ]ʒtsɑ]ɑzʟOɑ]ɑzʷls, ʜj ʇ tsʰ O¢fɳɡj ɑ]ɑ¢Oɑ]ɑzɑ]ɑzsɢ]ʂlsj ɑ]ʒ
ʜʰ j ɢ]ɑ]ɑzʙtsʂ[ɑ]ʒ ʋ(Oɑ¢Oʃɑ[ɑ]ɑz ɑ]ɑ¢O¸ɑ]ɑ]ɸɢO¢sɑ[ɔɑ]ʒ j j ʷʷtslstsɢɑtɑ¢Oʷʷɑ[ɑ[, ʇʃtɑ¢[ɨlstsɑ]ʂ tsɑ]ɑzʇʃtsɔtɑ]ʂ ʜɑ[ɑ]ɑzfɲɑ]ɑzʔ ɤ j ɑ]ɑ¢Oʂɑ[ɑ]ɑ¢O¸ ɹ-
ɤ O¢ʃ ʁ ʂfɲʟO¢ʂtɑ¢[ʋ(Oɑ]ɑ¢Oɑ]ɑzO¢tslsʙtsɑ]ɑz[ɑ[ɔʃ¢Oɑ]ɑ]ɑzO¢ɔ ʂO¢sO¢ɑ]ɑ]ɸ ʇʃlsɑ[ʋ]ɨ fɲʂtsj fɲʂfɲɡtsʷɑ]ɑzʃj . ʏ j tɑ]ʂ ʟ ɑ]ɑ]ɸ fɲʂtsɑ]ɑzʂts ɑ]ʒɑ[ɑ]ɑzɑ]ɑzls ɑ]ɑ¢O¸
ʇʃtɑ¢Oɔtsʔ tɑ]ɑzʂj ɢ-ɤ ɑ[ʃ ʁ ʂfɲʇʃtsʷɔɑ[ɑ]ɑz[fɲ ʜɔj ʂtɑ¢Oɲɡ]ɑ]ɑzʷ j ʋ(Oɑ¢Oʃɑ[ɑ]ɑzʷ , tɑ¢Oɲɡ]ʇʃtsɑ]ɑzsɤ j ɑ]ɑzʃj ʂtslstsɑtɑ¢ʳ ¬
fɲʂtslsɔj lsfɲʂɔtsɔO¢ɑ]ɑzs ɑ]ʒj fɲʂlzɢ]ɑ]ɑz¢O¸ʇʃtsɔtɑ]ʂ ɤ ʜj ɑ]ɑzɑ]ɑzsɑ]ʒ ɑ]ɸɢO¢sɑ[ɔj . ɪ tɑ¢[fɲɡ]lsfɲʂɔtsɔO¢ɔʰ ɑ[ʔ ɔtsɔtɑ]ʂ ɑ]ʒʷ tsʰ ʳ lstsɔ ɾ .
ɸ ɑ]ɑzʂtsfɲɲʂtsɑ]ɑzɲʂO¢sɑ[tɑtsɔO¢ɑ]ɑzʋ]ɨ ɑ]ɑzsfɲʂɑ]ɑzsfɲʂʷ ɨ ʇʃɑ[ʜj tɑ¢ɑ]ʒʳ (ɔɔj tɑ¬ɑ]ɸɢ¢ʂ fɲɑ]ɑzʷ ʂtsʏ ɑ[) ɑ[ʂtɑ¢Oɲɡ]ɑ]ɑzʂ ʇʃtsʜʂtsʏ ɑ]ɑz¸ ¬
fɲɑ]ɑzsj ɔ. ʂ tsɢʜO¢ʜj ; ʇ tsʰ O¢fɳʃlzfɲʂɑ[ɑ]ɑzɲ ɔɑ]ɑ[ʟ ɔ ɑ]ɑzɔʙtsɑ¢Oʂtsɑ¢[ʷ ʜɑ]ɑzʷ ʇʃɑtsʷɔʂɑ[ʷʷtslstsɢɑtɑ¢Oʷʷɑ[ɑ]ɑ]ɸ fɲʂtsʔ
ʇʃɑ]ɑzO¢fɲʂɑ[ɑ]ɑzɑ[, ɔ ɑ]ʒtsɑ]ʒj ɑ]ɑzs ʇʃtsɢɑtɑzʏ j ɑ]ɑ[ʷ ʇʃɑ]ɑzO¢fɲʂɑ[ɑ]ɑzɑ[ɔ ʇʃɑtsʷɔɑ[ʂj ɑ]ɑz ɢ-ɤ O¢ʃ ʁ ʂfɲʇʃtsʋ]ɑzɔfɲʂɔtsɔO¢ɑ]ɑzO¢
ɑ]ɸtsʙʳ ʋ(ɑ]ɑzʁ fɲɔj ʏ j fɲɡ]ɡ]sʲ .ʂ tsʰ lzʰ j ɑ]ɑ[ʷ ɑ]ʒtsʙʰ j ʔ ʙtsɑ]ɑ[, ɔtsʟɑ]ɑ[ʂO¢ʸ ʰ j ʔ ʇʃtɑ[ɑ]ɑzɑ]ɑzɑ]ɸ fɲj ɑ]ɑ[! lzʂtsɑ]ɑzsɔ
ʙlzɑ]ɑzɔʂtsʔ ɑ]ɸɢO¢sɑ[ɔO¸ ʇʃtɑ¢[fɲɡ]ʂj ʜɑ[ɑ]ɑzʷɑ]ɑzɑ]¬fɲ ɑ[fɲj tɑ¢Lj ʋ(ɑ]ɑzO¢ʸ ʙʁ ɑ]ɑz . ʃ ɑ]ɑzO¢ɔfɲʷʂɑ[ʔ tɑ¢O¸ ɔtsʟɑ]ɑ[ʂO¢ɑ]ɑzO¢ɑ[lstsɢʜO¸
ʂtsɢʜO¢tɑ¢Oɲʂ¢O¸ʋ(ɑ[ɔO¢ɑ]ɑz[lsO¢ɑ]ɑzsʋ]ʂlz fɲʇʃtɑtsʷɔɑ[lsj ɑ]ɑzɑ]ʒ ʃ j ɨ ʇ tsʰ O¢ɢtsɔtsʇɑ[ls, ʋ]lsts fɲj tɑ¢Lj ʋ(ɑ]ɑzO¢ʸ ʙtsɑ]ɑz ,
fɲʂʇʃtɑtsɔtsʏ ʜO¢ʸ ʰ O¢ʸ ʜɔɑ[ʏ j ɑ]ɑ[j ʇʃtɑtsʷɔɑ[lsj ɑ]ɑzʷ ɔ ɔO¢ɑ]ɑzsʋ]ʂj , ʷɔɑ]ʒ ɑ]ɑ[j ɑ]ɸ tɑ¢j ʜʂtsj . ʃ ɑ]ɑzlsɔj tɑ¢ʏ ʜO¸ls, ʋ]lsts
ɑ]ɸʂtslstsɑtɑ¢ʳ j ʇʃO¢ʰ ɑ[j ɑ]ɑzʂʂɑ[ɑ[ʇʃɑ[fɲɡ]ʳ lsʳ ɔO¢ʷ ls fɲj tɑ¢Lj ʋ(ɑ]ɑzO¢ʸ ʙʁ ɑ]ɑz , ʂtsɢʜO¢ɔtsʟɑ]ɸ ɑ]ɑzɑ[¬ ʇʃɑ]ɸʇʃʋ]lzls ɔtsʜlz, ɔ ʂtslstsɑtɑsʔ
tsɑ]ɑzɑ[lstsɑ]ɑzʂts ʋ]lsts ʇʃtsɑ]ʒ ɑ]ɑzɑ[tɑ]ɑzʂɑ[ɑ[ɑ[ɑ]ɑz[ɑ]ɑzɑ[ʋ]ts.

ɹ ʜtɑ]ɑzɢɑtsɑ]ʒtsʇʃʳ lsj , ʂtsɢʜO¢ʷʷtslstsɢɑtɑ¢Oʷʷɑ[ʋ]ɨ fɲʂO¢ʸ ʇʃɑ]ɑzO¢fɲʂɑ[ɑ]ɑzO¢ɔts ɔtɑ]ʂj ʇʃɢtstsʷɔʂɑ[ʙʳ ɑ]ɑzO¢fɲɡ]ɑ]ɑzʋ(ʂʔ ɑ]ɑzs
tɑ¢Oʟʙɑ[lsO¸ ɑ[fɲʇʃʳ lslzj ɑ]ʂO¢ʸ ɢ-ɤ O¢ʃ . ʇʃtsʋ]ɑzɔfɲʂʰ tsɔO¢ɑ]ɑzO¢ʙtsɑ]ɸ ʟɑ]ɸ ɑ]ɑzɑ]ɑz ʃ fɲʇʃO¢ɑ]ʒʳ ɔ ɤ j ɑ]ɑzʜʂ j . ʜ lstsɑ[ls ɑ]ɑz[
ʇʃtsʷfɲɡ]ɑ]ɑzʷls ʲ , *ʋ]lsts ɔfɲj tsʰ lzʰ j ɑ]ɑ[ʷ ɔtsʟɑ]ɑ[ʂO¢ʸ ls, ʂtsɢʜO¢ɑ[fɲʇʃʳ lslzj ɑ]ʂO¢ʸ ɑ]ɸ ɔɑ[ʜɑ[ls ɑ]ʒO¢ɑ]ɑ[ʇʃlzɑ]ʷʋ(ɑ]ʔ
ɨ ʂfɲʇʃj tɑ¢[ɑ]ʒj ɑ]ɑzsO¢sʇstɑ¢O¸ʋ j tsʙ¬tsʜɑ[ɑ]ʒs ʜtsʙO¢ɔ[ls ɡ]ɑ]ɑzsɤ O¢[tsʰ O¸ ʋ]lsts j ɡ]ɑ]ɑz[ɡ]ɑ]ɑz[ɑ]ʒs ʇʃtɑtsɑ[ʟɔtsʜɑ[ɑ]ɑzɲ ɔɑ]ɸ
ɕɑ]ʒO¢ɑ]ɸ lsɑ[ʋ]ɨ fɲʂtsɢtsʂtɑ¢Oɑ]ɑzɢO¢è, lsts ʇʃj tɑ]ʂ ʋ(ɑ[ɡ]ɑ]ɸj ɑ]ɑzɑ]ɑz ¬ ɨ ʷʷj ʂlstsɔ ɑ]ɸ ɑ]ɑzʙɑ]ɑz ʜOɑ]ɑzsɡ] (ɹʰ lsɑ]ɸtɑ¢, 1903, ɡ] 100).
ɪ tɑ¢[ɑ]ɑzj ʜj ɑ]ʒj ʰ j ɑ]ɸ ɡ]ʂtsɑ]ɑzʂts tsʇʃʳ lstsɔ ʜj ʇ tsʰ O¸ʂtslstsɢʳ j ɡ]ʂtsɑ]ʂj ʇʃts¬tsʏ ɑ[ɑ]ɑzO¢ ɡ]ɑ]ɑzɲ ʋ(ɑ]ɑzɑ]ʒ ɑ]ɑzO¢
ɡ]ɑ]ɑzɢʳ j ʟɑ]ɑz j ɨ ʂfɲʇʃj tɑ¢[ɑ]ʒj ɑ]ɑzsʳ . ʊtsls



ð ʏ ɕʃlsʘʔlsʝ ! ð tʃtɕɕʃʕʘʟʳ ɘʘʝ ls ʃ ʶ ɕʃfɲ tʃtsʜʘɒʘᵞ ʝ ʔ lzlstɕʝ dʑdʑɕʃʔ dʑsdʒʝ tɕ ç Soleilè.

ʕ fɱʝsʝ tɕ ʙ ʝ ɢdʑs ʮɕʃlsʘʝ ls tslsʮʝ ls ts ʙʶ ʜʏ ʝ lsʝ , tʃtɕʝ ʜfɱʝsʘɒdʑʝ dʑdʑ ʔ ɘ fɱʝ dʑʘls (ɕ ʕtsɘdʑʝ ɘ, 1888).

ʀ ʟ ɘfɱʝ ɢts tʃ ʝ tɕʝ ʮɕʃfɱdʑʝ dʑdʑsɢts dʒ dʒsʏ ʝ dʒ ʟʘʕdʑ ʮɕʃlsᴵ , ʮlsts ɕʃfɱʕ lzfɱʝsɘ ʝ dʑdʑ ʝ fɱsdʒdʑʘdʒʙ lzdʑ tsʙ dʑʘʜʘ ls ʮtɕʝ ʟɘʳ ʮʘʔdʑsʔ tsfɱʝstɕtslstsʔ ʮlzɘfɱʝsɘ, ʕʘʕ ʙ lzʜlsts ɘfɱ ɕʃ dʑʝ tɕɘdʑʘᵞ ʜ ʝ ʷlsʝ dʑ dʑsfɱʝsᴵ fɱʕtsdʑ ʝ dʑlstɕɕʃtɕtsɘʘdʑʘɘ tsʜdʑsdʒ tstɕɢʘdʑʝ , ʕtslststɕ ʔ ɘ ʜʘdʑdʑ ʔ dʒsdʒʝ dʑls lzʮʘfɱʝsɘlz ʝ ls ɘ ʕ fɱʝ ʝ tɕɕʃdʒʝ dʑlsʝ . ʕ lsts tʃ tsʟɘtsdʑ ʝ ls ɘ dʑʝ ʕ tslststɕtsdʒ fɱdʒ fɱdʑʝ ɕʃfɱʝstsdʕ tsɘʘlsᴵ ʜtsɘtsdʑ dʑs dʒdʑsɢts ʷɘdʑʝ dʑɕʃʔ , ʕtslststɕ ʝ ʕʘʟʘdʑɕʃfɱ ʟʘɢʘʜtsʮdʑ dʒɕʃ ɕʃ dʑʝ tʃ tsdʑ lsdʑ dʒɕʃ ɕʃ ʕ fɱʃ dʑlzʘlsɕʃtɕtsɘʘdʑɕʃfɱ dʑʘɘfɱʝ dʑʘʜʳ . ʊʘʕ, dʑʝ tsʙʳ ʮʘʔdʑʘᵞ lstsdʕ tsfɱʝsᴵ tsfɱ ʟʘdʑɕʃʷ ɕʃ dʒ ʰ ʝ ʮɕdʑsɢts ʮlzɘfɱʝsɘʘ, fɱsɘ ʝ tɕʰ ʝ dʑdʑs dʑʝ tʃ tɕɕʃdʒʝ lsdʑʘᵞ ɘ ʙtsʜtɕfɱʝsɘlzʶ ʰ ʝ dʒ fɱsfɱʝstsʷdʑɕʃɕʃ, dʑs tɕʝ ʟʕts tʃtɕtsʷɘdʑʶ ʰ ʘᵞfɱ lz fɱsdʒdʑʘdʒʙ lzdʑ, tʃtɕtsdʑɕʃɘʘʝ ls fɱʝ ls, tʃtsʮʝ dʑlz tsdʑɕʃ dʒsɢlzls tsʙtsʜɕʃlsᴵ fɱ ʙ ʝ ʟ tʃ tsdʒsʰ ɕʃ ʟtɕʝ dʑɕʃʷ.

ʔ ʘtɕʝ fɱʝsʝ ʟɕʃʷ

ɺ ɢɕʃtʃdʑsfɱsdʒdʑʘdʒʙ lzdʑɕʃʟdʒʝ dʑʝ ɢʕts ʜtsʙɕʃlsᴵ fɱ tʃtɕɕʃlslztʃdʑʝ dʑɕʃʷ, tsʙtsfɱʝstɕʝ dʑɕʃʷ ɕʃdʑɕʃ tslsʕdʑ ʮʝ dʑɕʃʷ fɱdʑlzʘ ʟtɕʝ dʑɕʃʷ, tsʙtsdʑ dʑɕʃʷ, tsfɱ ʟʘdʑɕʃʷ. ɸ dʑɢdʑɕʃʔfɱʕɕʃʔ lzʮʝ dʑ ʔ ʈ lzfɱʝ dʑ ʈ ʝ ʔdʑsdʑ ʜ ɘ 1869 ɢtsʜlz ɘtʃ ʝ tɕɘʳ ʝ lzʕʘʟʘdʑdʑʘçɘtsʟdʑɕʃʕdʑsɘ ʝ dʑɕʃʝ ʜɘɕʃɢʘlsʝ dʑ dʑ ɕʃ ʮlzɘfɱʝsɘ ʝ dʑdʑ ɕʃʟɘtɕʘ ʝ dʑɕʃʔ tɕʝ ʘʕʮɕʃʔ tʃtsʜ ɘdʑɕʃʷdʑɕʃʝ dʒ ɕʃʜ ʝ ɕʃ. ʉ tsdʒdʑʘdʒʙ lzdʑdʒsʏ ʝ ls ʜ ʝ tɕʏ ʘlsᴵ ɘ tɕlzʕ ʝ tʃʳ dʑʘ ʰ ɕʃʔ lzɢtsdʑ, dʑs ʮlzɘfɱʝsɘtsɘʘlsᴵ, ʮlsts ɘ tɕlzʕ ʝ lz dʑʝ ɢts dʑʝ ʜ, ɘ lstsdʒ fɱdʑlzʮʘʝ , ʝ fɱdʑɕʃ ʙ lzʜ ʝ ls ʜlzdʒʘlsᴵ ts ʕʘɘʕʘʟfɱʕ tsdʒ dʑʝ ʜdʑɕʃʕ ʝ ; ɕʃ, dʑʘsʙ tstɕtslsls, tsdʑdʒsʏ ʝ ls, dʑʝ ʮʝ tʃ ʝ dʑʝ ʷ tsls tsdʑsʜʘ, ʕlztʃʘlsᴵ fɱ ɘ ʜ ʝ ʕʘʙtɕ fɱʕ tsdʒ fɱdʑʝ ɢlz, tʃtɕʝ ʜfɱʝsʘɒdʑʷ fɱʝ ʙ ʝ ʏ ʘtɕdʑ ɘtstsʙtɕʘʏ ʘʝ dʒsɢts dʑʝ lsʘè (ʮɕʃls. tʃts: ʂ ʘtɕʃ ʝ dʑlsʝ tɕ, 1886).

ɺ dʑlzʰ ʝ dʑɕʃʝ dʒɘ ɢɕʃtʃdʑsfɱsdʒdʑʘdʒʙ lzdʑɕʃʟdʒʝ dʒsʏ dʑs tɕʘʟʲ ʝ ʜɕʃdʑɕʃlsᴵ ɕʃdʑlsʝ dʑdʑʝ ʕls ɕʃ dʒsʮɕʃɕʃ (tɕʘʟlzdʒɕʃ fɱʝ tɕʜʮʝ). ɺ tɕʝ ʟlzdʑ lsʘlsʝ tʃtsdʑlzʮɕʃdʒ tʃʘtɕʘʜtsʕfɱʘdʑ dʑlzʶ fɱɕʃlslzʘʮɕʃʶ : ʮlzɘfɱʝsɘts tɕʘʜtsfɱʝsɕʃ ʙ lzʜ ʝ ls ɘtsʟdʑɕʃʕʘlsᴵ tʃtɕɕʃ ɢtstɕʝ fɱʝsdʑ fɱsʙʳ lsɕʃʷ ɕʃ, dʑʘsʙ tstɕtslsls, ɢtɕdʑfɱʝsᴵ , lstsfɱʕʘ tslsʮʘᵞdʑɕʃʝ ð tʃtɕɕʃ tsʰ lzʰ ʝ dʑɕʃɕʃ tɕʘʜtsfɱʝsɕʃ. ʉ tsdʒdʑʘdʒʙ lzdʑʘtʃdʑʘʮʝ ls, ʕtsɢʜʘfɱdʑʝ ʰ dʑs, ɕʃ fɱdʑʝ ʝ lsfɱ, tsʰ lzʰ ʘᵞ ɢtstɕʝ .

ɺ dʑɕʃʷdʑɕʃʝ ɘdʑlzʰ ʝ dʑɕʃʷ dʑʘtstɕɢʘdʑ ʮlzɘfɱʝsɘ ɕʃʟlzʮʘdʑsfɱ lzʮʝ dʑ dʒɕʃ ɘfɱʝ fɱʝstststɕtsdʑdʑʝ . ɪ ʳ dʑs lzfɱʝsʘdʑsɘdʑʝ dʑs, ʮlsts ɘ tstʃlzʰ ʝ dʑdʑsʔ ɘ dʑʝ ʜʷdʑlzʶ

ɔtsʜlz tɑzʕj tʃtsfɳɑ̈ɟ ɔɑzʰ j ɑzɑʃʷ çʊɔj tʃ ɑzsè fɳtsfɳzʜʳ tɑ⊙fɳ ɑʃtɕʷʁ lsfɳʸ, ⊙ʙlztɑɑzʘʸ ʜʳ ⊐⊙lsj ɑz ɑzʘʸ tɑj ⊙ʕ ɳɑʃʷ fɳɟɳj ɑzʷj lsfɳʸ ɑzj ɑzʰ j ʔ ⊙ɑzʃɟɑzɑʃlsʒʜtsʔ fɳʙtsɑ̈jj tɑj ʜʕtsʔ ɳʃ⊙fɳtstslstsʔ. ʀ ɑzsʙtstɑtsls: tɑ⊙fɳ ɑʃtɕʷʁ ʰ ɑʃj fɳʸ fɳtsfɳzʜʳ ɑzʘ⊐tsʜʷʰ j ʔ fɳʸ ɔ lsj tʃ ɑzsʔ ɔtsʜj tɑzʕɑʃ ɑzʘɔɑzʰ j ɑzɑʃj ç⋀tsɑzsʜɑzsè fɳzɤ⊙ʸ lsfɳʸ. ʉ tstslsɔj lsfɳtsɔj ɑzɑzs ɑzj ɑzʷj lsfɳʸ ⊐⊙tɑ⊙ʕlsj tɕʜʳ ⊐⊙ɑzɑʃʷ.

ʊ ɑʃfɳʃʳ lszj ɑzʒʔ ʂ. ʀ. ɻ ɑzʘstsɑzsɔ⊙ z¸ ⊙ʃtsɔ⊙ɑzsɔtsʔ, ɔ ʙtsʜtɑfɳtsɔlzʁ ʰ j ɑzʒfɳtsfɳtstsʷɑzɑʃɑʃ ɑʃ ɔ ɠɑʃtʃɑzsfɳtsɑʒɑzɑ⊙ɑʒʙlzɑzɑʃʟɑzj ɑzɟɑʃʟɑzj ɑzɑzs ɔtsʟɑzɑʃʕ⊙ɑz⊙tɑj ʟʕ⊙ʸ ɻ ɑʒsɻɑʃtsɑzɑ⊙ɑzʷ ɑzʘʸ tɑj ⊙ʕɻɑʃʷ tslstɑʃɻ⊙lsj ɑzʷ ɑzsɠts (tsʙtstɑtsɑzɑʃlsj ɑzʷ ɑzsɠts) ⊐⊙tɑ⊙ʕlsj tɑ⊙) fɳtstʃtɑtsɔtsʏʜ⊙ɔʰ ⊙ʸfɳʸ tʃtsʷɔɑzɟɑzɑʃj ɑʒɑzʘɠɑzɑ⊙ʟ⊙ʕ fɳɑzɟʟ ɔ tslsɔj ls ɑzʘ ɔʜʳ ⊐⊙ɑzɑʃj ʟ⊙ʃ⊙ʕ⊙ɑzʘʸ ⊙lsʳ tɑɑzsɠts fɳʃɑʃtɑls⊙ɻ tsfɳɑzɟ ɑʃɑʒʃj tɑ⊙lsɑʃɔɑzsɠts ɔɑzʰ j ɑzɑʃʷ: çʕ lsts ɑzɟ fɳʃɑʃtɑls, ɻ lsts ʷʷ ɑʃ⊙ɑzʕɑʃ!è ð j j tɑj ⊙ʕɻɑʃʷ tɑj ʟʕts ɑʃʟɑzj ɑzɑʃɑzʘfɳ, ɑʃ tsɑzʘɔʜʳ ⊐⊙ɑzʘ⊙ɑzʘʸ ⊙lsʳ tɑɑzʔ fɳʃɑʃtɑls tʃtsɑzɑzsʔ ɠtɑzʜʲʁ. ɻ tɑɑʃ ɻ lstsɑʒʙtɕʁ ʰ ɑzʔ j tɑj ʷʷ ɑzɟʕfɳ ɑʃfɳɻj ʟɑzɑʃ (ɻ ɑzʘlstsɑzsɔ, 1957).

ʕʕfɳʃj tɑɑʃɑzj ɑzɑzsʳ tʃts ɑʃʟɔtɑ⊙ʸ j ɑzɑʃʁ ɔʕlzfɳtsɔtsʔ ɻzɔfɳksɔʃlsj ɑzʔ ɑzsfɳksɑʃ fɳɻɑʃlsʘʸ lsfɳʸ ⊐tɑj fɳkstsɑʒ⊙lsɑʃʔ ɑzʔ ɑʒʃ. ʊ ɻj ɑzʔ ɑʒʃ ʙʳ ɑzɑzs tʃtɑtsɔj ʜj ɑzɑzs ɑʒɑzɑzsʏ j fɳksɔts tstʃʳ lstsɔ, ɔ ʕtslststɕʳ ⊐ tʃtsʷɔɑzʷɑzɑʃfɳ ɔʕlzfɳtsɔʳ j tsʰ lzʰ j ɑzɑʃʷ tʃtɑɑʃ tslsfɳzlsfɳksɔɑʃɑʃ fɳtstslsɔj lsfɳksɔlzʁ ʰ j ɠts tɑ⊙ʟʜtɑ⊙ʏɑʃlsj ɑzʷ. ɭ ⊙ʃtɑɑʃɑʒj tɕ, ɔɑzʰ ⊙ɑzsfɳ: çɪʳ j ʜɑʃlsj fɳtsɑzɟ ɑzɑzsj, ʕɑʃfɳɑzɑzsj, ɠtstɕʳ ʕtsj ɑʃ ls. ʜ.è. ɪ ɻ lsts ɔtɑj ɑʒʷ tʃtɑj ʜɑzʘ⊙ɑzʘɑʃfɳ tʃtɑtslsɑʃɔtstʃtsɑzsʏ ɑzʔ j tʃts ɔʕlzfɳzʃtɑtsʜlzʕlsʳ. ɪ ⊙ɑzʜj tɕɪ j ɑzʔ ʜj ɑzʔ(1926) ɔɑzʰ ɑʃɑzʟ⊙ʘɑʃtʃɑzslsɑʃʟɑʃtɑtsɔ⊙ɑzɑzsɑʒz, ɻlsts lstsls fɳj ɑzʙtsɑzʰ tsj ʕtsɑzɑʃɻj fɳksɔts ɑʒɑzɑʃɑʒsɠts fɳ⊐⊙tɑ⊙ʘɑʃ ɑʃ ɔʳ lɔ⊙ɑzlz ɑzɟɠts fɳ⊐⊙tɑɑzʔ ʜɑʃ⊙ʙj ls. ɭ ɑʃɑzʔ fɳj ɑzɑz ɑʃ ɻ j j tɑls-ʃ tɑɟ ɑzfɳj ɑzɑz lsʘʕʏ j ɻzʜ⊙ɑzsfɳ tʃtsɑzɑzɻɑʃlsʳ ɻzɔj ɑzɑʃɻj ɑzɑʃj fɳ⊐⊙tɑ⊙ɔ ʕtɑtsɔɑʃ, ʕtsɠʜ⊙tsɑzɑʃ ɔɑzʰ ɑʃɑzʃ ɑʃʟ⊙ɠɑʃtʃɑzslsɑʃʟɑʃtɑtsɔ⊙ɑzɑzsɑʒz, ɻlsts tsɑzʃʲ j ls ɑzɟ ɔtsʜlz, ⊙ɠlzfɳksts? tɑ⊙fɳksɔtstɕ fɳ⊐⊙tɑ⊙ʘ ʉ ʜɔɑʃɠ ɔ tʃtɑtslsɑʃɔtstʃtsɑzsʏ ɑzɑzʁ fɳkststɑtsɑzɑzʳ ɔʳ lɔ⊙ɑzlz tʃfɳɑʃ⊐ɑʃ⊙kstɕʒ tɑɑʃʔ ɸ ɑzɟʕfɳ⊙ɑzʜtɑtsɔɑʃɻ ɻ tsɔtstɑɑʃɑzɑzfʃʔ (1895ð 1965), ɔɑzʰ ⊙ʸ: çɪʳ tʃʲ j lsj ʜɑʃfɳsɑʃɑzɑzɑʃtɑtsɔ⊙ɑzɑzʁ ɔtsʜlz!è ɪ ʜj ʔ fɳksɔɑʃlsj ɑzʔ ɑzsfɳksɑʃ ʙʳ ɑzɔʳ tʃɑʃls ʕtsɑzɻj ɑzstɑʃtɑtsɔ⊙ɑzɑzʔ ʔ fɳ⊐⊙tɑ⊙ʘɑʃʔ tɑ⊙fɳksɔtstɕ. ʈ j ʟlzɑzʔ lsʘlsts ʕʕ⊙ʟ⊙ɑzʃʷ ɑzj tsʏ ɑʃʜ⊙ɑzɑzʔ ɑʒ fɳtsʜj tɑʏ ⊙ɑzɑʃj fɳ⊐⊙tɑ⊙ɔ ʕtɑtsɔɑʃ ɑzj lstsɑzʔ ʕts ɑzj tʃtsɔʳ fɳɑʃɑzsfɳj, ɑzɑs, ɑzʘsʙtstɑtsls, ɔ tʃj tɑɔlzʁ lstɑj lsʲ tstʃʳ lsʘtɑj ʟʕts lzɑzj ɑzʔ ɑʃɑzsfɳ tʃts fɳtɑɔɑzj ɑzɑʃʁ fɳ ɑʃfɳ⊐tsʜɑzʔ ɑʒ(ɻ tsɔtstɑʃɑzʃʕʃ, 1934).

ɭ ɑzʰ j ɑzɑʃj ɑʒɑzʒʏʏ ɑzɑs tsfɳɔtsʙtsʜɑʃlsʲ tsls ʜj ʔ fɳksɔʃʷ ⊙ɑzʕtsɠtsɑzʸ ɑʃ, ɑzʘsʙtstɑtsls, ɔʳ lɔ⊙lsʲ j ɠts ʜj ʔ fɳksɔʃj. ɻ j tɑɔʳ ɑʒ ʕlsts ɔɑzʰ j ɑzɑʃj ɑʒlzfɳkstɑ⊙ɑzʃɑʃɑzɑzʃtɑj ⊙ɑzɑzsj tstʃʲʷɑzɟɑzɑʃj, ʙʳ ɑzʂ tɑ⊙ʷls-ʕ ʙʃɑzɑzs. ʃ ɑzʜ⊙ɑzʀ tɑɑʒj ɔʳ tʃɑʃlsʲ ɑzʃʕj tɕ, ɔɑzʰ ⊙ʸ, ɻlsts ɻ lstsɔtsʜ⊙ʂ. ʀ. ɻ ɑʘlstsɑzsɔ fɳksɔɑʒj fɳks-

(1931), (1941) (1951)

(1946). 1948).

-25. 16).

Fogel, Hoffer, 1962, p. 11 16)

Marcus, Sahlgreen, 1923).

ɑʒ⊙fɳɑʊs. ∫ tɑj ıʟzɑz lsɔlsj ɑʑ⊙fɳʃszɑf⊙ɑʊs ɑʑ4 ʟ⊙ʕtsɑʊsɑʒj tɑɑʊsj ɑʒj ʜɑ∩ʕ⊙ɑʒj ɑʊʊsʃʟɑʊsj , ⊙ɑ∫ɑʒj ɑʊʊs fɳʒɑ⊙j fɳʃsɑ∫ɔɑʊsj ʜj ?fɳʃɔɑ∫j .

∫ tsfɳʃtsɔfɳʃɑ∫j lzɹuj ɑz j 2-ɑ⊙ts ∫ j ʜɑ∫ɑʑfɳʃsɑ∫lʃzlsɔ⊙f∫tsʜ tɑzʕtsɔtsʜfɳʃɔtɑtsʷʷj fɳɳʃtɑ⊙ɹ . ʀ . z¸ ⊙ʃsj ɑz² lʃj ?ɑʑ⊙ ɑ∫ʟzɹuɑ⊙ʊzɑ∫ʷɑzɑ∫j ɔɑʊzʰ j ɑzɑ∫ʷ ɑʑ⊙tstɑɑ⊙ʊz fɳʊzz∩⊙ ʀ fɳʃʳ lʃzj ɑʒsɑʒzʙʳ ɑʊs ɔɑʊzʰ j ɑʊs, ɹʊlsts fɳɔʕɑz ɹuj ɑzɑ∫j ɑʒ fɳɔj lsɔɑ∫ɑz t∫tɑɑ∫ ʟɔlzʕj lzɑf⊙ɔʰ j ?fɳʃɑ∫ɹʊʕɑ∫ tsɑzʟzfɳʊzʰ ɑ∫lsts ɹuj ɑz ?ʟɔlzʕ ð t∫lzʰ j ɹuɑz ?ɔʳ fɳʃstɑj ɑz ɹ tɑtsɔj tɑʕ⊙f∫tsʕ⊙ʟ⊙ɑʑ⊙ ɹʊlsts t∫tsfɳʊj ç ɔʳ fɳʃstɑj ɑʑ⊙è ɹʊlzɔfɳʃɔɑ∫lsj ɑz ɑʊsfɳʃsʰ fɳʊzz∩⊙fɳʊzɑ∫ʟɑ∫ɑʑ⊙fɳ tsɹuj ɑz tɑj ʟʕts ð ɔ fɳʃɑj ʜɑʊj ɑʒtslss 8 ʜts 20 ʜj ɹuɑ∫ʙj ɑz, lsts j fɳʃsʰ t∫tɑtsɑ∫ʟtsʰ ɑʊs tsɑ⊙ʊzʰ j ɑzɑ∫j , ʕtsɑʊslzʟɑ∫ʷ (z¸ ⊙ʃsj ɑz² lʃj ?ɑz, 1935).

∫ tɑzɑ⊙ts2 tsf∫ʳ lsʷɔɑzʷj lsfɳʷ j ʰ j ʙtsɑʊj ʜj ɑʒsɑzɳʃstɑ⊙lsɑ∫ɔɑz ɑʒ ∫ ʙtsʜtɑfɳʃɔɑzʟʁʲ ʰ j ɑʒ fɳʃsfɳʃstsʷɑzɑ∫ɑ∩ɔɑʊzʰ ⊙ɑʊsfɳʃ: ç⊙fɳʊzʲlsj t∫tɑɑ∫ fɳɑ∫ɑz ɑʊsɑʒ fɳʃlzʕ j ɑʒsɑʊslsʕtsɑʒt∫ts ɹ j ɑʊj ʟlz!è ʕ lsts⊙ts ʙʳ ɑʊs ʜtsfɳʃ⊙lstsɹuɑʊs, ɹʊlstsʙʳ t∫tsɹʊls∫ tsʜɑʊsɔtɑj ɑʒj ɑzɑʊs fɳlzʜ⊙tɑsɑʒ ɑʒsɑʊslsʕ⊙ɔtsʟɑzɑ∫ʕ fɳʃsz. ɔ ⊙f∫ɑ∫fɳ ɑz⊙ʙ⊙tɑ⊙ʙ⊙ʊzʲ ʕɑ∫ɑʒsɑ⊙tɑ⊙ʷ⊙tslsɑʒj lsɑ∫ɑz⊙ lzt∫ɑʊsʰ j ɑzɑʊsj t∫tsɔj tɑ⊙∩ɑʊsfɳʃsɑʊsj ʜʳ ∩⊙ɑzɑ∫j (ls⊙ʊʒɹj). ʀ lɔj fɳʃsz ?t∫fɳɑ∫⊙ɑ∫⊙stɑ⊙ʟ . ʟ . ʉ tɑj ʟɑʒʲ ɔfɳʃɑ∫? ʟzlsɔj tɑɹ ʜ⊙j ls, ɹʊlsts t∫tɑɑ∫ ɔɑʊzʰ j ɑzɑʊs? ɑ⊙ʊz∩⊙tslsj ʜ⊙ɹj ɔʳ fɳʃstɑj ɑzɑ∫ʟ tɑj ɔtsz ɔj tɑ⊙ʊlz fɳʃ⊙ʊʒsɑ⊙ts lz∩⊙ fɳʃsɑʒɑ⊙ʊʒʙlzʊz ʊʒj ɔʳ lʳ ɔ⊙j ls ʜʳ ∩⊙ʃsj ʊz ɑʊs? tɑj ⊙ʕɹuɑ∫ɑ∫ (ʉ tɑj ʟɑʒj ɔfɳʃɑ∫?, 1926).

ɹ j tɑj ɹuɑ∫fɳʃɑʒj ɑzʊz j ɹʲʕfɳʃ j tɑɑ∫ɑʒj ɑʊs t∫tsʕ⊙lʳ ɔ⊙ʸ ls, ɹʊlsts ɔ ɑ⊙ɑ∫t∫ ɑʊsfɳʃsɑʒɑʊʒʙlzɑʊ∫ʟɑʒj ɑʒs⊙ɹ ɑʊs ɔɑʊzʰ ɑ∫lsʷ t∫tɑtslsɑ∫ɔtstf∫tsɑʊs⊙ɹ ɑʊsj ʜj ?fɳʃɔɑ∫lsj ɑz ɑʊsfɳʃsɑ∫ ɑ∫ ɔʳ ʟɔ⊙lsʷ tɑj ⊙ʕɹuɑ∫ʁ , ʕtslststɑ⊙ʸ t∫tɑʷɑʒs t∫tɑtslsɑ∫ɔtstf∫tsɑʊs⊙ɹ ɑʊsj ʜj ?fɳʃɔɑ∫lsj ɑz ɑʊsɑʒz tɑ⊙ʟʜtɑ⊙ɹj ɑʊs∫ʁ . ɹ tsfɳɑʒj ʜɑʒj ɑ⊙tsɔtstɑ∫ls ts lstsɑʒ ɹuɑʊs ɑʊ⊙∩tsʜʷʰ ɑ∫j fɳʃ ɔ ɑ⊙ɑ∫t∫ ɑʊsfɳʃsɑʒɑʊʒʙlzʊz ʊʒ t∫tsʜʜ⊙ʸ lsfɳʃ ɔɑʊzʷɑʊs∫ʁ fɳɑʊsɔ ʙtsɑʊzʰ j , ɹuj ɑʒɔtsʟʜj ?fɳʃɔɑ∫ʁ tɑj ⊙ʊzʊz ɑʊs? fɳʃɑj ʜʳ . ʀ ɑʊ⊙uj ɑ⊙tsɔtstɑʷ, fɳʃsɑʒɑʊʒʙlzʊz ʊʒɹuj fɳʃtsj fɳʃsfɳʃstsʷɑʊsj lzfɳʃ⊙ɑʊ⊙ɔɑʊ∫ɔɑ⊙j ls t∫tɑʷɑʒzʁ fɳɔʷʟʲ ɑʒj ɔʜlz fɳɑʊsɔ⊙ʒ∫ tstf∫j tɑ⊙lststɑ⊙ɑ∫ t∫tɑtsɑ⊙tɑ⊙ʒɑʒ∫tɑzʁ ʰ ɑ∫ɑʒʙɑʊsʕtsɑʒɑʒʟɑ⊙ɔ , fɳʃstslsɔj lsfɳʃɔj ɑzɑʊs, lsj ɑʒ∫ʷ lzɑʕʰ ɹuɑ∫ʷɑʒ∫, ʕtslststɑʳ ɑʒ∫ tsɑzʟzf∫tɑ⊙ɔɑzʷj ls.

ʕ lsɑ∫ ɔʳ ɔtsʜʳ ɔf∫tsɑʊzj fɳʃsɑ⊙ɑʊzʰ lsfɳʷ fɳɑ∫fɳɑ∫j ʜtsɔ⊙ɑzʷɑʒ∫ ϕ . ∫ . ∫ tsɑzɑ∫ɑ⊙ʕtslststɑ∫ɑz² t∫ts⊙ʟ⊙ɑz, ɹʊlsts ʙɑ⊙ɑ⊙tsʜ⊙ɑ⊙ʷ ɑʒʃʰ ɑʊs? tɑj ɑz-ɑzʷlststɑʊs? ʜj ʷlsj ɑz ɑʊsfɳʃsɑ∫ ʕtstɑʳ ʙtsɑzʰ ɑ∫∩ t∫tsɑzʰ ⊙ɑɑ∫? ɑʒsɑzlsʟɑ⊙ɑ⊙ɹuɑ∫lsj ɑz ɑʊs ɑ∫ʟɑʒj ɑzʷlsʲ fɳʃ ɑ∫ɑʊsj ɑʊɳɑ∫ɔɑʊsfɳʃsʲ ɑ∫ ∩⊙ɑ⊙ʕlsj tɑɑ⊙ɑ∫ʕɹuɑ∫? tstɑɑ⊙ɑʊɑ∫ʟɑʒ⊙ɑʊ⊙ɑʒɑʊsɑ⊙ɑ∫j lstsʕfɳɑ∫ɹuj fɳʃɑ∫j ɑ∫ t∫⊙lstsɑ⊙j ɑzɑʊzʰ j ɔj ʰ j fɳʃsɔ⊙(tsf∫ʳ lsʳ ɹ j ?j tɑ⊙) (ɹ tsɑzɑ∫ɑz, 1934).

∫ ɹʲlsts2 fɳʃʷʟɑ∫ fɳɑʲj ʜlzj ls ɔfɳʃtsɑʒɑzɑ∫lsʲ tsʙ tsf∫ʳ lsʕ∩ ∫ . l . ɹ tɑtsʷj j ɔts?, t∫tsfɳʃsɔ⊙ɑʲj ɑzɑʊz ∩ ɔ ɑʊ⊙ʙtstɑ⊙lststɑ∫ɑ∫ ʀ . ɹ . ɹ ⊙ɔɑʊsɔ⊙ ∫ ɹʲlsɑ∫∩ tsf∫ʳ lsʕ∩ ʙtsɑʲɔtsj tɑ⊙ʟʜtɑ⊙ɹj ɑzɑ∫j , ɔʳ lʳ ɔ⊙j ɑʒtsj ɹʲ ɑʲj ʕlstɑ∫ɹuj fɳʃɑ∫ɑʒlststsʕtsɑʒ tsɑzʊ fɳɳj ɑzʊ⊙ɑʊ⊙ʟzfɳʃɑʊsɔɑz ɑʒ fɳʃɑ∫ɑ⊙ɑʊsɑʒ t∫tɑ∫ʰ j ɔtsʔ tɑj ⊙ʕɹuɑ∫ɑ∫.

tage?

Oberdorf (1782–1844), Arzt und Schriftsteller, der sich mit Fragen des Magnetismus und Somnambulismus beschäftigte. Er war Mitglied der Gesellschaft der Freunde der Heilkunde in Wien und veröffentlichte 1815 eine Abhandlung über den Magnetismus. Seine Arbeiten wurden in medizinischen Zeitschriften diskutiert, darunter in Neurolog. Centralblè. (Weingold, 1805, s. 124).

Er schrieb, dass die Wirkung des Magnetismus nicht auf physischen Kräften beruhe, sondern auf der Einbildungskraft des Patienten. Diese Ansicht wurde 1789 von einer Kommission der Akademie der Wissenschaften bestätigt. Er argumentierte, dass die Heilungen durch die Erwartung der Patienten ausgelöst würden. Diese Position stand im Gegensatz zu den Lehren von Franz Anton Mesmer, der von einem universellen Fluidum ausging, das durch den Körper fließe und durch Magnetisieren übertragen werde. Oberdorf lehnte diese Theorie ab und führte die beobachteten Phänomene auf psychische Ursachen zurück.

Versucheiner Darstellung des animalischen Magnetismus als Heilmittel, Wien, 1. Th. p. 166.

Luta de negros

Jr fnjSqR Ojlststqljlsz. tqh j SGS lzujdzsGtsSsdzuOsjdzdzslzBjнqdzqfnjnjzнtsOsjdzR ojtejOdzdzsfnjsq
tfsfnjsfnjsdzkOdzBlzdzquj fnSsGtsojdzdzfw. R fnlsj=tfstc,SGS tsdztsB lstsdzkOfqfnjOdzojfnjGlsj
ç1 tejsotsuqtejsOdzdz R fnjsdzkOdzBlzdzqLdzè, tsfjzBdzqSsojOdzdzsR oj\jo 11 kjztedzkOdOçpdzGstsdzkfw q
dzstedzkOdz dzOy ww qLqtsdzsGqfw q tfGstsdzsGqfq ujdzojujfnjtsR нlzh qè (1875 G.), dzOlzuqdz R dzkfteftqLdzOdzjGts
tejOdz dzsfnjr. Λjdzy tfdzjwнOLOdzjuQsjdzdz=lzujdz=tfteqfnjslzfqfdzOSqLlzujdzkfr lstsGts tetsнO
odzh jdzkR q çtslsSter dzè tsнqdzLOнtelzGqfdzjofnj wGSlsr, lzkjqLojfnjsdzjtftejkdzkfdzjdzOGdjlsqLjteOdzj
Jqrdj 1889 GtsнOΛtejRнtslsjfteBqfdzfnjol Odzkqf, GнjdzBdzнOdztsjfr lsr rjtedzkjR dzOfnj
tfsfnjsfnjsdzkOdzBlzdzquj fnSqfdzjodzh jdzkj dzj Slsq tsjfr lsr tfetsqLojdzq dzOdjGts GdzBtsSsj ofjjuQsdjdzkj.
Ylsts kj lsGS tfsteOLqfdzs Λtej?нOP rjtedzkj?dzjodzh qfdzqfnjfr lslzjdzsdzjz, ulsts tfsfnjjlsjojнjlzqjdzoLwlsr fnojh OdfSqLtsdzkSsqS tsHdzsGts qL
Gtsfnjsj?, tslsSter lsr jGts q tfetsRlsqfnj нeOqнr tfts ojtedzHj. ∫ dzoLwdz,SGS jdzjz odzh qfdzf, Ltsdzkqf S,
tfteBнO,tsdzdzj tslsSter oOdzjGts, dzstfsSqfdzdzSsdzkOslz q нeOqнr tfetsh jdzfnjy tfts ojtedzHj, tfsfnjj ujGts
ojtedzdzfnjy. Ş tsGнOrjtedzkj?dzjtfstfetsfnjfdzjGts tsBj wfnjkflsr fnjtsj tfts dzjdzh j? dzjtej fnjsteOdzkjs
tfsojнjdzkj, lstslsLOyoqfdz,ulsts çнr h OdzotsLHz=tsdzè, dzGfnjsOqfoOy, ulsts qdzjjlstfeqfr uSlz qdzkjGнOqdzjdzkjs
lsGS tfetsGzdzqfoOsr fnjy. Ş tsGнOqjjjGts fnjfetsfnjfdzq, tfsujdzkzlzdjGts o tez=GT ulzqts? Ltsdzkq, tsdzSteB?dj
qLzdzkfdfnjy q, fnjkzlsqfoh qfnj, tfsfnjjh qdztslsdjfnjsqjGts dzOojh Odz=lz.
Jr Sfnjjtedzkjdzkj rjtedzkj?dzjOΛtej?нOtsh jdzkdzkqdzfnjkjzнlzg fh q?wGS ls: ujdzkojS fnjsojteh GjlstfsfnjkzlfjtsS
tfts tfteqfuqdkj, jdzkz fnjOdzkdzkz djqLojfnjkdzkz?, Oofjtsfnjkjнfnjsoqq tfteqfotsнqlstfeOнtstfjtsнtsBdzjtsBj wfnjkjdzkfw
fnjtsqdzkjfnjtsBteOldz dzнjR fnjsoqwdz,tfteq r lstsdzkjtsdzfnjsojteh jdzkdzkqfnjSter jGts lsGS dzq ojнlzls fjjBw
dz нqo tsBr uqdzkdzkjfnjsfnjstswdzkq,ð fnjfteOy qoGjlsΛtejR н,ð dzkT=tsнwlstfteqfuqqdz fnjtsqdzkjtfsfnjkzlfSOdzk
Mtslsw нOdzkslOdzkjujdzks,ulsts tsBj wfnjkjdzkfw,Sslstsc jdz нqtfr lsOy lsfnjtfteqfotsнqlsr,dkj ofjjGнO
lOfnjlzxqfoOy ls[tsojteqfwè. Slsts dzkOBdz нjdzkfj Λtej?нOfnjsOdzkstesGjlzGtsdzdz dzkSOdzkjdzjGts lsjtsteqq
ujdzkojujfnjtsGts tfsojнjdzkfw.
Sww jSlstfsfnjkfnjsdzkzkOdzBlzdzquj fnSqtsGts odzh jdzkfw rjtedzkj?dzjtfejнfnjsOojqdzo oqнj fnjkjнlzg fh j? fnjjdzr :
1) qdzkfnjsdzkSuqfw ð Λjdz,Sslstsdzkg qfnjfr lslzjdzj? tfstsdzkuGjlsolzfnjkzojqfw=GqfjdzkS-fnjsdzkOdzBlzdzquj fnSqtsGts
fnjsfnjstswdzkfw jGts fnjsLdzkOdzkfw; 2) lsOkjfnjOdzjOy

"*

389 ʃ ɑʃ⊓⊙ɑʃɑzz¸ tsʔʷʲ ls

ɑʃɑʑɲstɑzʕɥɑʃʷ ð ɥjɹɑz , ʕtslststɑzᵍ ɑʃfɲʃʳ lslzjɹɑʒʳ ʔ ə tʃtsfɲʃsfɲtsɑʒɑ⊙ɑʒʁlz. ɑzɑʃɥjɹ fɲʃtsɑʒ fɲtsʟɑʑ⊙ɑzɑʃɑ tɑjɹ⊙ɑzɑʃʟlzjɹ ls ɑjɸ tsfɲtsʟɑʑ⊙ə⊙ʷ; 3) tʃtɑtslsɑʃətstɑjɸ ɥɑʃətsfɲʃsᵘ jɹɠts tʃtsfɲʃsfɲtsɑʒɑ⊙ɑʒʁlzɑzɑʃɥjɹ fɲʃtsɠts fɲtsʟɑʑ⊙ɑzɑʃʷ, ɥʃstsəʳ tɑ⊙ɬ⊙ɹ⊙jɹlsfɲʸ ə tɑ⊙ɥɑʃtsɑzɑ⊙ɑzɑʃʟ⊙ɥɑʃɑʃ* ɑʃɑʒɑjɸ fɲʃstsɑz lzɬ lzɑʒjɹ fɲʃsɑzɑsɠts ə ʜ⊙ɑzɑzɑsɑʒ fɲɑjɑzɹɥ⊙jɹ tʃtsfɲʃslztʃʕ⊙

ɻ tsɬ⊙ɑjɑzʔ, ɑʃɑʒjɹ ɑzɑzɑs tʃtsfɲɑjɸʜɑjɸjɹ, lstɑjɹlsᵘ jɹ tsʙfɲʃstsʷlsjɹɑz fɲʃsəts ɑʃəʳ ʟə⊙ɑzɑs tsfɲtsʙtsjɹ lzʜɑʃəɑjɸɑzɑʃjɹ ʌ tɑjɹʔʜ⊙

ɪ ɑz⊙ɠtsʜ⊙ɑɛʷ ɻ lstsɑʃzɹ ɑʃʟlzɑʃʒɑjɸɑzɑʃᵍ tsɑzɑfɲzɑʃʒjɹɑzə ʜ⊙ɑjɑz ɑjɸʔʰ jɹɑʒtsʙɑz⊙ɑzɑɬɬ ɑʃɥjɹtsè

ʙjɹ fɲɲtsʟɑz⊙sjɹɑz ɑzɑsɠts, ɥʃstsɹlzfʕtsɑzɹʟɑjɑzɑzɑs tslsɀ⊙ɑʕts, ɪ jɹtɑɑzɑʃʔɑʒ⊙ɑʃʜtɑzɠɑʃ⊓ɠɑʃtʃɑzsɑzsɠtsə jɹɠts ətɑjɹɑʒjɹɑzɑʃ.

ʃ ɑzsɠts tʃtsʟɬjɹ jɹ tsɑzɹtstʃɑʃfɲ⊙jɑzᵘ lsts əʃjɹ ɥ⊙sɑjɸɑzɑʃjɹ: ç.ɪ tʃjɹtɑəʳ jɹ ʙjɹ fɲɲtsʟɑz⊙sjɹɑz ɑzɑ jɹ ɠɑʃtʃɑzslsɑʃɥjɹ fʕɑʃjɹ ʷəɑjɸɑzɑʃʷ fɲʃ⊙jɑzɑʃ ɥjɹɑʒ-lsts tɑjɹ⊙jɑz ɑzɑ ɑʒ, tsfɲʸʟ⊙ɑʒʳ ɑʒ ʜtsfɲʃslztʃɑzɑ ɑʒtstʃʳ lsɑzsʔ tʃtɑtsəjɹtɑʕjɹ. ʃ tʃʳ lsʳ fɲ

fɲtsɑʒɑz⊙ɑʒʁlzɑzɑʃʟɑʒtsɑʒ ɑʃətsfɲtsʙjɹɑzɑzsfɲʃsɑʃfɲɲtsɑʒɑz⊙ɑʒʁlzɑzɑʃɥjɹ fʕɑʃɑʒəɑjɸʰ jɹɑzɑʃjɹɑʒ ɑzɑ⊙ɠɑzʷʜɑzsɑʒtsʔ⊙ʟ⊙ɑzɑʃ

fɲjɸʰ jɹ fɲʃsəts⊙ɑzɑʃjɹ ʙjɹ fɲɲtsʟɑz⊙sjɹɑz ɑzɑsɠts tʃfɲɑ⊓ɑʃɥjɹ fʕɑʃtsɠts ɑʃ fɲɲtsfɲtsʙ jɹɠts ʷlzɑʕɥɑʃtsɑzɑʃtɑtsə⊙ɑzɑʃʷè (Freud, 1968, s. 267). ʀ ʟ ɻ lstsɠts tʃtsɑzᵂlsɑʃʷ ʜɑʃɑzɑ⊙ɑʒɑʃɥjɹ fʕɑʃtsɠts ʙjɹ fɲɲtsʟɑz⊙sjɹɑz ɑzɑsɠts ʌ tɑjɹʔʜ əʳ əjɹɑzɑʃʟəjɹ fɲʃsɑzɹ jɹ lsjɹtʃjɹtɑᵘ fɲɑjɸʜfɲʃsəɑʃʷ ð əɑjɸɥjɹɑzɑʃʷ, əʳ lsjɹfɲɑjɸɑzɑʃʷ, ɑʃɑtɑᶜ fɲtsʃtɑtslsɑʃəɑjɸɑzɑʃʷ ɑʃtʃtɑ. ʃ lsfɲʃ ʜ⊙ᵂtɑjɹʔʜtsəfʕtsjɹ tʃtɑʃʟɑz⊙ɑzɑʃjɹ çʜtsɑzᵂ⊙tʃjɹtɑjɹʜ ɠɑʃtʃɑzsʟtsɑʒè: çɪ ɑz⊙ɥjɹɑzɑʃjɹ ɠɑʃtʃɑzsʟ⊙ə tɑ⊙ʟəɑʃlsɑʃɑ tʃfɲɑ⊓tsɑ⊙ɑzɑ⊙ɑʃʟ⊙ɑjɸətsʟɑʒtsɬ ɑzɑ tʃjɹtɑjɹtsɥjɹɑzɑʃlsᵘ . ʁ lsjɹtstɑjɹlsɑʃɥjɹfʕtsʔ ɑʃ tʃtɑ⊙ʕlsɑʃɥjɹfʕtsʔ lstsɥjɹʕ ʟtɑjɹɑzɑʃʷ tʃfɲɑ⊓tsɑ⊙ɑzɑ⊙ɑʃʟ tsʃɑʃtɑ⊙ɠlsfɲʸ ɑz⊙ɑzɑfɲɑjɸʜɑʃjɹ ɠɑʃtʃɑzslsɑʃʟɑʒ⊙è (ibid, s. 407).

ʃ tʃʳ lsʳ fɲtʃtsfɲʃsfɲtsɑʒɑ⊙ɑʒʁlzɑzɑʃɥjɹ fʕɑʃɑʒəɑzzʰ jɹɑzɑʃjɹɑʒtʃtsʕ⊙ɬ⊙ɑzɑʃ, ɥʃstsɥjɹəfʕtsɑjɹɑʒjɹɑzɑʃʷ ɑʒtsɠɑzlsɑz⊙ʃtɑ⊙əɑzʷlsᵘ tʃtsəjɹʜjɹɑzɑʃjɹ fʕɑzʙʲ jɹʕlsO⊙ʜ⊙ɬjɹ lstsɠʜ⊙ʕtsɠʜ⊙tsɑzɑʃ ɑjɸ tsfɲtsʟɑz⊙ᵍ lsfɲʸ ɑʃɑʒ ɻ ⊙ʃtɑʃɑʃjɹtɑ, jɹfɲɑzɑʃəɑzzʰ ɑʃlsᵘ ɑʃfɲʃʳ lslzjɹɑʒtsɑʒz, ɥʃstsʙʳ tsɑzɹəʳ ʔʜʷ ɑʃʟ ɠɑʃtʃɑzsfɲtsɑʒɑ⊙ɑʒʁlz-ɑzɑʃʟɑʒ⊙, əʳ tʃtsɑzɑzɑʃɑzʕ⊙ʕtsjɹ-ɑzɑʃʙtsʜjɹʔfɲʃsəɑʃjɹ, tsɑzjɹɠtsʙʷʟ⊙sjɹɑz ɑzɑstsfɲʃzʰ jɹfɲʃsəɑʃls. ʃ ʜɑz⊙ʕtsʙʲ ʷfɲɑzɑʃlsᵘ fɲɬtsjɹ tʃtsʜɑzɑʃɑzɑsjɹ tʃtsʙlzʞjɹ ʜjɹɑzɑʃjɹ ʕɻ lstsɑʃzɹ ʜjɹʔfɲʃsəɑʃᵍ ɑjɸ fɲɑʒtsʞjɹjɹls. ʊjɹɑʒɑjɸ ɑʒjɸjɹ ʙlzʜjɹls tʃtɑɑʃʜlzɑʒʳ əɑ⊙ɬsᵘ əɑjɸʰ ɑjɸ ɑzsɠɑʃɥɑʃɑzʔ ɑʒtslsɑʃə.

ɻ tsʜtsʙɑzɹ jɹ ʷjɹɑzsɑʒjɹɑzɹ tʃtsʜɠtslstsəɑʃɑzɑʃ tʃtɑjɹʜfɲʃ⊙əɑjɸɑzɑʃjɹ ts lstsɑʃzɹ ɥjɹstsɥjɹɑzɑʃ tʃtsʜɑzɑʃɑzɑsjɹ tʃtsʙlzʞjɹ ʜjɹɑzɑʃjɹ ʕ ɻ lstsɑʃzɹ ʜjɹʔfɲʃsəɑʃᵍ ɑjɸ fɲɑʒtsʞjɹjɹls. ʊjɹɑʒɑjɸ ɑʒjɸjɹ ʙlzʜjɹls tʃtɑɑʃʜlzɑʒʳ əɑ⊙ɬsᵘ əɑjɸʰ ɑjɸ ɑzsɠɑʃɥɑʃɑzʔ ɑʒtslsɑʃəʳ ʕtslstsɠʳ ⊓tsfɲʃ⊙ʸ lsfɲʸ ə lsjɹɑzɑʃ.

ʃ fɳʐʰ ɟ fɳʂ⋅dɟ dʑʃɟ ʧ tsfɳʂfɳtsdʒ⋅dʑ⋅Odʒ⋅ʁlzdɕʃ ɥɟ fɳʕtsɠtsɵdʐʰ ɟ dɕʃʷ ʧ tɶtsɑfɳʕtsHɑʃls ʧ tɶɑ[ʧ tsfɳʂɟ нfɳʂɵɟ, ʕG⁇ ɟ ɟ dʑ⋅LɵO⋅lz
z¸ . t ɑʰ ɟ, вɟ fɳɲsL dʑ⋅lsɟ dʐ dʑ⋅s⁇ ʧ⋅Ol ʒʷ lsɑ. ɾ ⁇ dʒʳ tsʙʷL⋅Oʐ lsɟ dʒ ɥlsts нɟ⁇ fɳʂ⋅ɑɟ, ɵdʐʰ ɟ dʑdʑsɟ ɵ ɠɑʃʃ dʑsLɟ,
ɵʳ ʧ tsdʑʐʷɟ lsfɲʷ ɵ dʐ вts⁇ dʑ⋅Ldʑɥɟɥɟ dʐʐ ⁇ dʒsdʒɟ dʑs. ʕ lsɑ[tsʧʳ lsʳ tɶɟ dʐ ɟ ʷ dʑs ʧ tɶtsɑ[dʑʐ fɳʂtɶ[tɶtsɵ⋅Odɕ[
tsfɳdʑsɵdʑʁ ɥɟ tɶlsz ɵdʐʰ ɟ dɕʃʷ ð ⋅ɵlstsdʒ⋅Gls[Ldʒɑ[fɳʐʰ ɟ fɳʂɵtsɵ⋅Odɕ⋅ɥɟ вɟ fɳɲsL dʑ⋅lsɟ dʐ dʑs⁇ ɥ⋅Gɳʂɑ[ʧ fɳɑ[¬ɑ[ʕɑ[:
dʒsʰ dʐ. ¬ ɑ[fɳʕtɕʳ lsʳ ¬ tslsfɳʂL dʑ⋅dɕʃʷ ʧ fɳɑ[¬ɑ[ɥɟ fɳʕɑ[¬ ʧ tɶtsɥɟ fɳɲsL dʑ⋅lsɟ dʐ dʑs⁇ ɥ⋅Gɳʂɑ[ʧ fɳɑ[¬ɑ[ʕɑ[:
dʒsʰ dʐ. ¬ ɑ[fɳʕtɕʳ lsʳ ¬ tslsfɳʂL dʑ⋅dɕʃʷ ʧ fɳɑ[¬ɑ[ɥɟ fɳʕɑ[¬ ʧ tɶtsɥɟ fɳɲsL dʑ⋅lsɟ dʐ dʑs⁇ ɥ⋅Gɳʂɑ[ʧ fɳɑ[¬ɑ[ʕɑ[:
ɹ ɟ fɳɲsL dʑ⋅lsɟ dʐ dʑ⋅Oʸ ʧ⋅Ol ʒʷ lsᴵ нɟ⁇ fɳʂɵlzɟ ls ɑ[tsʙʳ ɥdɕsdʒ fɳʂfɳʂtsʷ dɕʃɑ[. ɿ tɶɑ[tsʙtɶɟ lsɟ dɕʃɟ ɟ fɳʂɟ нɟ dɕʃʷ
(fɳʂʙʳ lsɑ[ʷ, tsʙtɶ⋅Lʳ , ɑ[нɟ ɑ[) fɳʐʰ ɟ fɳʂɵlzᵡ ls ɵ dʑ⋅Oᴵ ɟ dʒ dʒsLɠlz, ɑ[dʒ dɸ ɑ[dʒɟ ɟ dʒ ts dʑʃ¬ dʑʃʕ⁇ tsɠts
ʧ tɶɟ нfɳʂ⋅ɵdɸ dʑʃɑ[ʷ. ʊ ɠ⁇ dʒsɤ ɟ ls ʧ tɶtsHtsdɕʃ⋅Olsᴵ fɲʸ ɵ lsɟ ɥɟ dʑʃɑ[ɟ dʒɟ fɲʸ ɥɟ ɵ, dɸls, ɑ[dɕsɠH⋅ʙtsdʐʰ ɑ[¬ ʧ ɟ tɶɑ[tsHtsɵ
ɤ ɑ[Ldʑʃɑ[. ʊ fɳʐʰ ⋅Odɕdɕsɟ tsHdʑ⋅ɤ нʳ ɑ[dʒʷ ɥɟ dɕsɵɟ ʕ⁇ ʕ tslststɶtsɠts Ldʑ⋅Odɕʃɑ[ɵ нɟ lsfɳʂɵɟ, н⋅Oɤ ɟ ʧ tsfɳʐɸ fɳʂtɶtsʕ⁇ dɸls
dʒsɤ ɟ ls ʧ tɶtsʙlzHɑ[lsᴵ ɥɟ ʧᴶ ⋅Ofɳʂ ɥɑ[⁇ ɥɑ[ɑ[tɕʷH fɳʂʙʳ lsɑ[⁇, tsʙtɶ⋅Ltsɵ, ɑ[нɟ⁇, ʕ tslststɕʳ ɟ нtɶɟ dʒ⋅Odɕʃɑ[ɵ dʑ⋅Oᴵ ɟ⁇
ʧ⋅Odʒʷ lsɑ[ɑ[ʕ tslststɕʳ ɟ fɳlsɟ ¬ ʧ tstɕɵ dɸ⁇ dɸ ɵtsLdʑʃ⁇⋅dɕʃɑ[ɑ[, вʳ lsᴵ dʒsɤ ɟ ls, dʑʃ⁇ tsGH⋅Odɸ ɵtsLtɶtsHɑ[dɕʃɑ[fɳ вʳ , dɸ
lzfɳʐʰ ɹ dʒ ɻ lsts ɑ[dʒʷ. ç⋅I fɳɟ ʧ tsfɳɸɟ нlzᵡ ʰ ɟ ɟ,ð ɠtsɵtstɕ[ls⋅I . ɻ . ɹ ɟ dɕʃɑ[dʑʃ⁇ɑ[⁇,ð ɟ fɳʂᴵ tɶɟ Lzdʐ lsO⋅ls
ʧ tɶɟ нʳ нlzʰ ɟ ɠtsʻ tɕO⋅Lzdʒ⋅dʑ⋅Oʸ dʒ fɳʐʰ ɟ fɳʂᴵ ʊɑ[fɳʂtsts lststʐ ʕ ts fɳʂL dʑ⋅Odʑʃɟ ʧ tɶɟ н⋅Odʑʃɟ lsɟ dʒdʑs⁇ fɳʂO⋅ɕɑ[dʐ , Θ
Ldʑ⋅Odʑʃɟ ʊ⁇ fɳʂtsts ɟ fɳʂᴵ lzʷ fɳɸɟ dʑʃɟ lststʐ ʕ ts ʧ tɶɟ н ʊlzɵ fɳʂɵɑ[ʷè (ɹ ɟ dɕʃɑ[dʑʃ⁇ɑ[⁇, 1941).
⋅I fɳɟ fɳɵɟ нɟ dɕʃɑ[ʷ, ɵfɳɟ ʧ tɕɑ[tsʙtɶɟ lsɟ dɕʃɑ[ʷ ʧ⋅Ol ʒʷ lsɑ[, нtɶɟ dʒdʐʰ ɑ[ɟ ɵ dʑ⋅Oᴵ ɟ dʒ dʒsLɠlz, dʒsɠlzls ɵ ʕ⁇ ts⁇-dʑʃʙlzHᴵ
dʒsdʒɟ dʑs ɵdʑsɵɹ fɳʧ tsdʑs⋅Odʑʃɟ ɵtsLtɶtsHɑ[lsᴵ fɲʸ. ʃ нdʑ⁇ ts dʒɟ ɤ нlz tsʙʳ ʊdʑs⁇ вɟ fɳɲsL dʑ⋅lsɟ dʐ dʑs⁇ ʧ⋅Odʒʷ lsᴵ ᵡ ɑ[
вɟ fɳɲsL dʑ⋅lsɟ dʐ dʑs⁇ ʧ⋅Odʒʷ lsᴵ ᵡ L⋅Oɠ⁇ɑ[ʧ dʑslsɑ[LɑʃtɶtsɵOdʑʐ ¬ fɳʐʰ ɟ fɳʂɵlzɟ ls tɶ⋅Ldɕ[ʊɑ[ɟ. ɾ fɳʐɑ[ɵdʐʰ ɑ[ls ɵ
ɠɑʃʃ dʑsfɳʂdʒ⋅dʑ⋅Odʒʙlzdɕ[Ldʒɟ, ʊɟsts ʊɟ tɕɟ L 10 нdɸ⁇ ɵ 5 ʊ⁇fɳʂɵ fɳʐʙʲ ɟ ʕ ls tɶ⁇fɳʕtɶtsɟ ls ʧ ts⋅Oɕɟ dʑʐʁ ʕ dʑɑ[ɠlz dʑ⋅O25-
⁇ fɳʂtɶ⋅Odɕ[ʊɟ, ɻsts ɻ ls⋅Odʒsɠlzʰ ɟ fɳʂɵɟ dɕʃʷ ɵ dʑ⋅Ldʑɥɟʊɟ dɕʃʷ ɵ dʑ⋅Ldʑɥɟʊɟ dɕʃʷ ⁇ ʊ⁇fɳL⁇fɳʂO⋅ɑ[ls ɟ ɠts ɵʳ ʧ tsdʑʐɑ[ls
ɵdʐʰ ɟ dɕʃɟ. ʃ нdʑ⁇ ts ɻ ls⋅Oɑ[нɟʷ dɸ dʒsɤ ɟ ls ʧ tɶɑ[⁇ lsɑ[tɶ⋅Odʐʰ ɟ ɵdʐʰ ɟ dɕʃʑsɠts fɳʧtsʕ⁇ ¬ tslsʷ вʳ tsdʑLdʑ⋅dʐ, ʊɟsts
ɟ dʒʐ fɳɲɟ dʑ⋅dʑʃs ɵdʐʰ ɟ dɕʃɟ, ts ʊɟ dʒɟ ɠts L⋅Oɶ⋅dɸɟ ʧ tɶɟ нlzʧ tɶɟ нɑ[dɕʃ. ɹ ɟ tɶɟ н dʑʃɑ[dʒdʒsɤ dʑʃs ʧ tsdʑʃsɤ ɑ[ls ʕ dʑʃɑ[ɠlz,
tɶ⋅fɳʕtɕʳ lsʐᵡ dʑ⋅O25-⁇ fɳʂtɶ⋅Odɕ[ʊɟ, ⋅Oɑ[нɟʷ tsfɳʂ⋅dɸɟ lsfɲʸ fɳʕtɕʳ lsts⁇ ɑ[dɸ tsʙdʑ⋅dɶzɤ ɑ[lsfɲʸ ɾ ts ɵdʐʰ ɟ dʑʃsɠts
fɳʂtsʕ⁇ ɿ ts ɵ fɳʂtsʕ⁇ tsdʑ⋅ɵdɸ⋅LʧʃdʑʃsɵtsLdʑʃʕ⁇ɑ[dɸ⋅lsɵ ʊ dʒɟ ɑ[ʷ G⋅lsO⋅dʐ dʑs ʧ tsʙlzHɑ[lsнɟ⁇ fɳʂɵtsɵ⋅Ols . ɠ⁇ ʕ ɑ[ɑ[ʒ
tsʙtɶ⋅Ltsdʒ fɳʐʰ ɟ -

fɳʂɘ ɟ ɑzʰ tsɟ tslsɑzɑʃ ɯɑʃɟ ɣʃtsfɳʂfɳʂɑʒɑʘɑʒʁlzɑzɑʃɯɟ fɳʃtsɑʦs ɘɑzzʰ ɟ ɑzɑʃʷ ʟʘʃɑz ɯʘʃ lsfɳʸ ɘ lstsɑʒ ɯlsts ɘɑzzʰ ɟ ɑzɑʃɟ tsfɳzʰ ɟ fɳʂɘɑzʷɟ lsfɳʸ lstsɑzᶻʇts ɘ ɑzʘʟɑzʘɯɟ ɑzɑzᶻ ʔ ɯʘfɳɑʃ ɑɟᵩ ɑʒtsʏ ɟ ls tsfɳzʰ ɟ fɳʂɘɑʃlsᵘ fɳʸ ɘ ʜtɑzɢʦsʔ, ʜʘʏ ɟ ɟ fɳɯzʃ ɣʃtsʷɘʷlsfɳʸ ɢfɳɳsɯɑʃʘɯɑʃɑʃ, ʇtslststɑʳ ɟ ɑzʘɣʃtsɑʒɑzᶻlsᴛsʙ ˩ lstsɑʒ
ɻ ʁ fɳɑʒɟ lstsɢʦs ʇʘʇ ɑʒʳ fɳʸtstɑɑʒzɑzɑʃtɑtsɘʘɑzɑʃ ɯɟ ɑzɑstɑʘɑzᶻ ɑzzᵡ ʇtsɑzᵪɯɟ ɣʃʰ ɑʃᵡ ɣʃtsfɳʂfɳʂɑʒɑʘɑʒʁlzɑzɑʃɯɟ fɳʇtsɢʦs ɘɑzzʰ ɟ ɑzɑʃʷ, ɑʒʂʏ ɑzʂs ɣʃɟ tɑɟʔlsɑʃ ʇ tstʃʰ fɳʘɑzɑʃᵡ tstʃʳ lstsɘ. ɻ 1820 ɢʦsʜzɢɟ ɑɟ⊥ tɑʘɑzl lzʘɻ ɘɑzzʰ ɑʃɑzɣʃtɑzfɳɟ fɳʇtsɑʒɑzz ʜtɑʘɢlzɑzɑʃfɳʇtsɑʒʏz tsʷ ɑʃɯɟ tɑɑz, ɑzʘ⊓tsʜʷfɳ ɟ ɑʒʏzfɳʸ ɘ fɳʂfɳʂtsʷɑzɑʃɑʃ ɢɑʃɣʃɑzʂfɳʂɑʒɑʘɑʒʁlzɑzɑʃʟɑʒʘ ɯlstsʙʳ tsɑzᵪɣʃtɑɑʃʰ ɟ ɑzʇ⊥ ɑɟᵩ ɑʒʏz ɘ ɑzʘʟɑzʘɯɟ ɑzɑzᶻ ʔ ʜɟ ɑzᵪ ɑʃ ɯʘfɳ, ʂ tsɢʜʘlstsls ʷɘɑʃɑzfɳʸ, ɢɟ ɑɟᵩ tɑʘɑzfɳɣʃtɑtsfɳɣʃɑʃɑz ç˥ tsɯɟ ɑʒʏz ɘʳ ɣʃtɑɑʃʰ ɑzɑʃ, ɑʒʳ ɘɟ ʜᴵ ɑɟᵩ ʜtsɢʦsʘʁɑʃɘʘɑzɑʃfɳ?è ð çʗ ɑɟᵩ ʟɑzʘᵍ ɣʃtsɯɟ ɑʒʏz,, ɣʃtɑtsfɳʂts ɣʃtsɯlzɘfɳʂɘtsɘʘɑzᵪʇʘʇ fɳɑzʂɘɑzs ɯlsts-lsts lstsɑʇʘɟ ls ɘ fɳɣʃɑʃɑzz ɘ ɑzʘɣʃtɑʘɑɟᵩ ɑzɑʃɑʃ ɘʘᵍ ɟ ɢʦs ʜtsɑʒʘè. ɻ ɑzʂɘᴵ ʟʘɢɑʃɣʃɑzʂlsɑʃʟɑʃtɑtsɘʘɑzɑzᶻ ʔ, tsᵂ ɑʃɯɟ tɑ fɳɑzʂɘʘʷɘɑʃɑzfɳʸ. ʅ ʘfɳɟ ʔ tɑʘʟ ɑʒʂslsɑʃɘɑʃtɑtsɘʇʘʙʳ ɑzʘlsʇʘᵛ: ʗʗ ʷɘɑʃɑzfɳʸ lstsɑzᵪʇs ɣʃtsltsɑʒʏz, ɯlsts tsʙɟʰ ʘɑzè.
ʏ '.lsts ʟʘɑʒɟ ɯʘʂɟ ɑzᵪɑʒɢʦs ɘ ɣʃtsfɳʂfɳʂɑʒɑʘɑʒʁlzɑzɑʃɯɟ fɳʂɑʃ⊓ tsɣʃʳ lsʘ⊓, lsʘʇ ˩ lsɢʦs fɳʂtɑʳ lstsɟ fɳɳʟɑzʘɑzɑʃɟ, ʇtslststɑʦsɟ fɳɳ⊓tɑʘɑzᵂɟ ls ɘtsfɳɣʃtsɑʒɑʃɑzʘɑzɑʃɟ ʦs ɘɑzzʜɣʃɟ ɑzɑʃɑʃ ɘɟ fɳɑʒʘʜtsɑzɢʦsɢʦs ɘtɑɟ ɑʒɟ ɑzɑʃ, ɣʃtɑʃɯɟ ɑʒ ɑʃfɳɣʳ lsʒɟ ɑʒʳ ʔ ɑɟᵩ tsfɳɳʟɑzʘʂɟ ls, ɯlsts ɑʃɑzᵂtstɑʒʂtɑtsɘʘɑzʦs ɟ ɢʦs fɳɣʰ ɟ fɳɳɘtsɘʘɑzɑʃɑʃ. ʁ ɑɟᵩ ʜzᵡ ʰ ɑʃɟ ɣʃtɑʃɑɟɟ tɑʳ ʜtsfɳɳsʘlstsɯɑzs ɑʘɢɑzᵂʜɑzs tsʙtɑʃfɳɣᵡ ls tɑtsɑzᵪ ʰ ɟ tsfɳɳʟɑzʘʘʂɟ ɑʒʳ ⊓ ɣʃfɳʂ⊓ɑʃɯɟ fɳʂɑʃ⊓ ɣʃtɑtsɯɟ fɳɳtɳɘ ɘ ɣʃtsfɳʂfɳʂɑʒɑʘɑʒʁlzɑzɑʃɯɟ fɳʂɑʃ⊓ tsɣʃʳ lsʘ⊓.
ʃ ʜɑzʘɻ ʜʳ ʇ ʘɘlstsɑzˬ lsɑʃ⊓ fɳʂtɑtsʇ ɘ ɢʦsfɳʂɑʃ ɣʃtɑʃɑʃᵪ ɑzɑʃ ɣʃtsʇɑzsɑzɑzɑʃʇɑʃ. ʗ fɳʂɟ fɳʂɘɟ ɑzɑzɑs, tɑʘʟɢʦɘtsɑɢɑʘᵍ ʘɑzfᵂ ɘtsʇʘɑʃɑʃɑʒɑʘɑʒʁlzɑzɑʃɯɟ fɳʂɑʃ⊓ tsɣʃʳ lsʘ⊓. ʃ ʜɑzʘɑʃʟ ɢʦsfɳʂɟ ʔ, fɳɳsɑzɑʃʜɑzʘᵛ ʜʘʏʘʒʘ, ɣʃtɑɟ ʜɑzsˬ ɑʃɑʃʘfɳɟʙʷ ɘ ʇʘ˥ɯɟ fɳʂʰ ɟ ɑʃfɳɣʳ lsʒɟ ɑʒʳ ʔ. ɑ˥ ɑzᵪʰ ɑʃlsɟ ɯlsts-lsts tsɑʃɢɑʃɑzʘɑzᵪɑzsɟ è,ð ɣʃtsɣʃtɑᵡ fɳɑʃɑzʘtsɑzʘ ɪ ʘɢɑʃɣʃɑzʂlsɑʃʟɑʃtɑtsɘʘɑ ɟ ɟ, ʷ ɘɑzzʰ ɑʃɑz, ɯlsts ʇtsɢʜʘtsɑzʘɘʳ ʔʜ,ɟ ls ɑʃʟ ɢɑʃɣʃɑzʂfɳɳsɑzɑʃʘɑʒʁlzɑzɑʃʟɑʒʘ lsts ɣʃtsɯlzɘfɳʂɘlzɟ ls tsfɳɳsɑtsɟ ɤ ɟ ɑzʘɑzɑʃɟ fɳɑzᵂlsᴵ tsʙlzɘᴵ ɑʃ ɣʃtsfɳʂʘɑʃlsᴵ ɟ ɟ ɘ ɯɟ ɑzɑstɑᵪtsʙɟ ʜɟ ɑzɑzɑʦsɢʦs fɳɳsɑzʘ ʟʘʂɟ ɑzʒtslsʇɑtsɟ ls ʟtsɑzɑsɑʃʇ, ɑzʘ⊓tsʜʷʰ ɑʃʔ fɳʸ ɘ ʰ ʇʘʷlz, ɑʃ fɳʸʜɟ ls ʟʘfɳɳsɑzˬ ʃ lsʇtᵪʳ ɘʰ ʘᵛ ɢɑzʘʟʘɢtsfɳʂᴵʷ ɣʃtɑtsɑʃʟɘtsʜɑʃɑzʘɘɣʃɟ ɯʘʂɑzɟɑzɑʃɟ ɯɟ ɑzɑstɑʃɟ ɯɟ ɑzɑstɑʘʟɑʃɑzʘfᵐ ɘɑzzlstɑɟ ɑzɑzᵂʷ ʙtstɑᴵ ʙʘ ɯɟ ɑʒ˥lsts tsɑzʘʙʳ ɑzʘɘɟ fᵐ ɑʒʂtsʟʘʜɑʃɑzʘɯɟ ɑzᵪ. ɻ ts ɘtslsɟʰ ɟ tsʜɑzɑs ɑʒᵪɟ ɟ ɑzɑʃɯɟ tsl

ʂ ⊙ɬ lstsɑz ʕts tsɑɑ⊙tslsʕtɕʳ ɑɑ⊙ɕɑɑ⊙LO) ɹ ɉ tɕɑɑʑɉ ?ɑʒ fɳʃtɑtsfɳɑ∫ɑz. çʂ Gʕ ɬ əʳ fɳɉʙʷ ɳʐɔfɳʂəɑzɉ ls ɉ ? è ð ç∧tstɑtsʰ ts.
ɭ ts ɻ lsts? ɑʑsɳʅ ʁ ɬz ɑʒɉ ɑz ʙʳ ɑzʧ tsɑʑsfɳ,ʷ əfɳʂ⊙ə⊙ɑɑ⊙ɳɉ ls tɕɉ tɕ⊙L⊙) н⊙ɻ ɉ ɬzʧ⊙ɑɑ⊙ɑ∫ ɬzʰ ɑ∫ʙɑɑ⊙fɳɉʙɉ ɑʑsfɳè.ð
çʕ lsts ə⊙ɑʒfɳɑʑɑ∫ɑʑsfɳ . ɹ ɉ нʲ tɕ⊙ɑɑz ʰ ɉ əʳ ɑʒɉ ɑɑ⊙ʙɑz нʲ⊙ɑɑ∫ L⊙fɳʂʙts? ɑʑ∫ɳɉ ɠts ʧ tsнtsʙ ɑʑsɠts, ɑ∫ ɑʑ∫ʕlsts ɑʒɉ
ə ɑ∫нɉ ɑz, ɳʅstsʙʳ əʳ ʕɬzн⊙-lsts ∏tsнɑ∫ɑʑè. ∫ ⊙ɑɑ∫ ɻ . ɬzʧ tstɕɑʑs ɑɑ⊙fɳʂ⊙ɑ∫ə⊙ɑɑ⊙ɑɑ⊙fɳətsɑ∏ fɳɑʑsə⊙∏: ɉ ? ɑʑ∫ɳɉ ɠts ɑʒɉ
fɳɑʑɑ∫ɑʑsfɳ ɑ∫ tsɑɑ⊙ʧtɕɉ ʕtɕ⊙fɳɑʑs ʧ tsɑʒɑʑɑ∫ls, ɳʅstsəfɳʂ⊙ə⊙ɑɑ⊙
ɸ ɑɑ⊙ɑʑsɠɑ∫ɳɑʑz ɉ ɻ ʕfɳʧɉtɕɑ∫ɑʒɉ ɑʑsʳ fɳʂ⊙ə ɑ∫ɑzʙ⊙ɑʑsɑz ʂ tɕ⊙ʷls-ʕʙɑ∫ɑʑɠ. ∫ ɑzʧtsʕ⊙L⊙ɑz, ɳʅstsəɑʒʰ ɉ ɑʑ∫ɉ ɑʒɠsɻ ɑʑs
əʳ lə⊙ʲs fɳʂlzɑzfɳlstsɳɑʑsfɳʂʲ ʁ нts ɑʒɠ∫ɑʒzlsʳ ɑ∫, ɑʑ⊙ʂʙtstɑtslʂ, ʧ⊙ɑ⊙ɑʑ∫ʟtsə⊙ʲs нɉ ? fɳʂəɑ∫ɉ fɳɑʑ⊙ʙɑ∫ɠɉ ɑʒ ɑʑsɠts.
ɻ tɕɉ нɑʑsɻɑ∫ə ʀ tɑɑʒɉ ʧtstɕɳɑ∫ʲ ʕ⊙fɳʂtstɑtsətsɠts ɑʒ⊙fɳɑʑ⊙ нtsfɳʂ⊙ʲstsɳɑʑz ʲ , ɳʅstsʙʳ lsʐls ɻ ɉ ʧtɑtsfɳɑʑ⊙ʙɑ∫ɑʑs, tsɑʒ
əɑʒz ʰ ɑ∫ɑzɉ ?, ɳʅstsɻ lsts ʧtɑtsɑ∫ʟts? нɉ ls ɑʑ∫ʰ ɹ fɳʧʃzfɳʂʷ 48 ɳ⊙fɳʂə. ∫ fɳɉ ə lstsɳɑʑsfɳʂɑ∫ lsʕ ɑ∫ əʳ ʰ ɑʑs. ∫ lsʕtsʔ
ɻ ɉ ɑʒɉ tɕɉ ɻʷʷ ɉ ʕlsɑ∫əɑʑs нɉ ? fɳʂətsə⊙ɑʑs əɑʒz ʰ ɉ ɑʑ∫ɉ ɑʑ⊙əʳ ʟtsə tɕətslsʳ ɑ∫ ɉ ɉ ʕɬzʧ ɑtɑtsə⊙ɑʑ∫ɉ (ʂ tɕ⊙ʷls-ʕʙɑ∫ɑʑɠ,
1888).
ʀ ʧʧtsɑʑ∫ls ɹ ɉ tɕɑʑɉ ? ɑʒə ɑʒz ʰ ɑ∫ɑztsнɑʑs? н⊙ɑʒɉ , ɳʅstsʧtsfɳɑʒɉ əʳ ∏tsн⊙ɑ∫ʟ ɠɑ∫ʧɑʑsfɳʂɑʒɑ⊙ɑʒʙɬzɑʑ∫ʟɑʒ⊙tsɑz⊙ʙɬzнɉ ls
əɑ∫нɉ lsʲ ʧtstɑlstɕɉ ls ɑʒɬz⊙ɻ ⊙ə lsɉ ɳɉ ɑʑ∫ɉ 24 ɳ⊙fɳʂə. ∫ ɑʒz ʰ ɉ ɑʑ∫ɉ tɕɉ ⊙ɑʑ∫ʟtsə⊙ɑʑsfɳ ə ʧtsɑʑsɑʑs? ɑʒɉ tɕɉ .
ɻ tɑ∫ɑʒɉ ɳ⊙sɉ ɑz ɑʑs, tsнɑz⊙ʕts, lsts, ɳʅstsʧtsɑʑ⊙tslsн⊙ə⊙ɑʑ⊙fɳʙɉ tslsɳɉ ls, ɳʅstsʧtstɑlstɕɉ ls⊙ʷɑ∫ɑ∫ɳɉ fɳʂɑ∫ɑʒ ɑʑs. ∫
fɳɑʑɉ нlzʲ ɦ ɉ ɑʒtstʧʳ lsɉ ɹ ɉ tɑɑʒɉ ? ɑʒəɑz ʰ ɑ∫ɑztsɑʑ∫ɉ ɑʒz fətsɉ ɑʒz ʧ⊙ɳɑ∫ɉ ɑʑsz, ɳʅstsʧ lstsls ɑz⊙? нɉ ls lz fətsɉ ? ʕtɑtsə⊙ls∫ н⊙ɑʒz,
ʕtslststɑ⊙ʷ ʧtsнɑʑɉ fɳɉ ls ɉ ɑʒz ʕtstɑɑ∫ɑ∫ʕlz fɳɹɉ ɑʒ⊙ʑʷ ɑʑ∫ʕts? ɑ∫ ʧtsɑz ɳɑ∫ɉ ɑʒ ɑʑ⊙ʙɑʑ∫ʟ ɑʒ⊙tsɑz⊙ʙɑʑsfɳʲ . ɻ tsfɳɉ ɳɉ ɠts
tsɑzʙlzнɉ ls ɉ fɳʲ ɹɉ ɑʒʑʷ ɑʑ∫ʕlz. ʉ ʧ lzfɳʷ ʧtsɑɳ⊙fɳ⊙ tɕ⊙ɹʙlzɻ ɉ ɑʑz ? , tsɑzɑ∫нɉ ls ʕ fətsɉ ? ʕtɑtsə⊙ls∫, ɠtsətstɑʷ:
ç ɻ нtɕ⊙əfɳʂəlz? lsɉ , fɳʑн⊙ɑʲ ɑz. ∫ ɉ fɳ ɑʒ⊙ə⊙ɑʒʙɑ⊙ɠtsн⊙ɑɉ ɑz . ∧ ɉ ɑzɉ ls ɉ ɉ tɑzʕlz ɑ∫, ɻ ɉ ɑ⊙ʷ əʳ ɹə⊙ʲs ɹ⊙ə∫fɳʂʲ ,
ʧtsʕ⊙ɹʳ əɠɉ ls ɹ ɉ tɕɑʑɉ ? ɑʒz ɹɠɠɑʑʷ нtsɑʒɑ⊙ə tstsʙtɕ⊙ɻ ɠɉ ɑʒʒʁ ʕtstɑɑ∫ɑ∫ʕlz ɹɉ ɑʒʑʷ ɑʑ∫ʕ∫. ɹ ɉ tɕɑʑɉ ? ɑʒ
fɳʧtɕ⊙ʰ ɑ∫əɠɉ ls: çɸ ɠнɉ нɑʒ⊙? è ð ç∫ ɑ⊙ɹʰ ɑ⊙ətslsʧts ɻ lstsɑʒz ʕtstɑ∫нtstɑzè.
ɻ ⊙ɳɑ∫ɉ ɑzs ɉ fɳʂ ɹɉ ɑʒʑʷ ɑʑ∫ʕlz, tsfɳʂtstɑtsɻ ɑzs tslsʧtɕ⊙əɑʑʷʷ ə tɑtsls ʷɠtsнɹz ɹ⊙ʷɠtsнts? ɑ∫ ʙtɕɉ ɹɠɑʑ∫əts tslsʙtɕ⊙fɳɉ əɠɉ ls
ʧtɑ∫ʕɑɉ ɑ∫əʰ ɑ∫ɉ fɳʲ ʕ ʧ⊙ɑʑ ɳ⊙ɑʒfɳʂɉ ʙɉ ɑz ʕɠɑ∫ɑʒɉ ɑʑs ʧ tsɑzɹs⊙ʕ tɕɉ ⊙ɑʑ ɑzs əʳ lsɑ∫tɕɠɉ ls tɑzʕɠɑ∫, ɳʅstsɹz
ɑʑ⊙ʙɑz нʲ⊙ ɦ ɑ∏ɹ⊙ɑʑ∫ɑʒнtsʕlststɑtsə ʧtsʷəɑzɉ ɹsfɳʲ tsfɳʂtsɑʒ∫ɑʑ⊙ ɹ ɉ tɑɑʒɉ ? ɑʒ⊙ɹsɠʕ ɻzɑʒ∫ɑʑ∫ɑzəɑ∫н ɻ lstsɠts
ʙtsɑz ɑʑsɠts, ɑʑ⊙fɳʂ⊙ɻ н⊙ʲ ɦ ɉ ɠtsfɳʲ əɑ∫ɹs⊙ɑʒ∫ɑʑɑʑs? ʧtɑtsнɹzʕɳɑ∫ɉ ?, ɳʅstsʧtsɑzнɑʑɉ ɉ əɑzʰ ɑ∫ɑzɉ ɑʒz fɳɉ ɉ fɳʂʲ
ʷʷ ɑ∫ʕlsɑ∫əɑz ɉ əɑ∫ʰ ɑʑs, ɑ∫ ɉ tɕfɳʂʕ∫, əɑ∫ɑʑsɠtɕ⊙н ɑ∫ ʧtɕ.
∫ ɉ tstʧtsɑz н ʂ ⊙fɳʧ ɉ tɕ ʧtɑɑ∫ətsнɑ∫ls ɻʕfɳʂtɕ⊙stɕ⊙н ɑ∫ɑ⊙ɑʑɑz ? fɳɑzɳ⊙? , tɕ⊙fɳʃʕ⊙L⊙ɑʑɑz ? ɉ ɑʒz ʌ . ∫ . ʊɑ∫fɳɉ ɉ :
ç ɻ tɑtsətsнʷ ɻ ʕfɳʧ ɉ tɑɑ∫ɑʒɉ ɑʑsʳ fɳʧtsfɳʂfɳʂɑʒ⊙ɑʒ⊙ɑʒʙɬzɑʑ∫ɳɉ fɳʕ∫ɑ∫ɑʒɉ ɑʒ ʷ lʊʧtɑtsɠtɕ⊙ɑʒɑʒʕ∫ɑtɑtsə⊙ɑzʧ⊙ɑz ɳʳ
ɑ∫fɳʧʳ lsɬzɉ ɑʒtsɠts: "ɹ ⊙ʰ ɬzʕ⊙L⊙ʂɉ ɑz ɑz ? ʧ⊙ɑzɉ ɻ ɑ⊙ʧtɕ⊙ətsʔ

[illegible]

[illegible] 24 [illegible] (Tissie, 1890, p. 162).

[illegible]

rap tʃtɕˌнfɲjsOəɑjˌɑzɲʃʷ, ʷ ʟOɑjˌlsɑʃɑzfɲtɕˌнɑʃ ɑjˌfɲʃʸlsʕtsə lsOɑzˌlzᵡ ʱ ɑʃ⊐ ɑzOfɲuˌjɑjˌ ʟɑzʕtsɑjzᵡ
вˌjˌɑzzᵡ ʕtsʷlslz fɲɢtsɑzzвʳ ɑʒвOɑzstsɑʒɑzOɢtɑzнɑʃ. ʃ , lzɤOfɲ,ᶫ lsts вʳ ɑzOəuˌtɑOᵑ ɑzʷʷ ç↴ lzGOuˌəOè.
ɭ ˌj tsfɲtsвˌjˌɑzɑts нtsəˌjˌtɑʷʷ lstsɑjzˌ, uˌlsts tʃtɑʃuɑʃɑzts? ˌj ˌj tʃtsʷəɑjˌɑzɑʃʷ вʳ ɑzts əɑzнˌ ʃˌ ɑʃ⊐ ɑzOfɲuˌjɑjˌ
fɲʃtɑtsfɲɑʃɑz, tʃtɕˌнəOɑɑʃlsˌjˌɑzˌ ɑzts əʳ əˌjˌнʷ ˌj ˌj ɑʃʟ fɲjsɑʒɑzOɑʒвlzɑzʃʟɑʒOɔ çɸ uˌlsts əʳ ʟнˌjˌ fɲ нˌjˌɑzɑ]lsˌj ?è ð ç§ Oʕ
uˌlsts? ð tɑtsвʕtsətsʟɑjzlsʃɑzOɢfɲ tsɑzOð ˩ʳ ʞˌj ɑjˌɑzˌʷ ʟOʃtɑtsɢtɑOɑʒɑʒʃtɑtsəOɑzʃ ɑzOlsts, uˌlstsвʳ ʷ tʃtɑʃˌ⊐OɑzOè.
ð çʀ uˌlsts ʞˌj ?è ð tʃtɑʃʕɑʃɑzɑzɲʸʷ ɑjˌtʃtsɑzʷlsɑzʃəʳ ɑʒ çɸ lsts,ð əfɲʃɑʃˌjˌ ɑzOtsɑz),ð tʃtɑtsfɲɑzzəʰ ʃɑfɲ
lzlstɑtsɑʒ ʷ tʃtsuˌlzəfɲjsətsəOɑzOɑjˌtʃtɕˌtsнtsɑzʃɑʒsˌj ʞˌj ˌɑzOɑzʃˌj lzəɑʃнˌjˌlsᶦ əOɲ,↴ tɑʃнʷ ɑzOtɑOвtslslz, tɕˌʰ ɑʃɑzO
tslstʃtɑtsfɲɑʃlsᶦ fɲʸ, lsOʕ ʕOʕ j⊐Oksᶦ ə ʃ tsfɲʃəlz ɑzOᶫ ɑjˌʕlstɑʃuʕj uʃOfɲOˑujˌlsʳ tɕˌè. ʃ ʞɑʃнOʸ tɑOˌləʷLʕɑʃ, ʟtɑʃlsˌj ɑzʃ
ʟOksOʃɑzʃ нʳ ⊐Oɑzʃˌj . ç.I Oɲtslstʃlzfɲjsʃɑzʃ?è ð ç↴ tɕˌнfɲjsOəᶫ lsˌj fɲjвˌj ð ɑjˌlsˑ ʗ tɑOˌɑjˌtɑəɑzʃuʃOɑzOfɲ ɑʃ
tɑO↴tɑzɢOɑzOfɲ fɲɑzOuʃOɑz fɲjsətsɑʒ ʃ lsuʃOʸəʰ ɑʃfɲ tʃtsɑzzuɑʃlsᶦ tslsɢlzɑz, ɑzOfɑʃfɲOɑzOʟOʸəɑjˌɑzɑʃˌj tsв lzətsɑz ɑjˌɑzɑʃɑʃè.
ʜ ɑzzʰ Oʸ ˌj ˌj , ʷ əfɲjˌ вtsɑzʰ ˌj tʃtsɑzɑʃɑʒOɑz, uˌlsts ɑʒʃsʷ ʰ lzlsʕOtʃtɑʃtsвtɕˌɑzOʟɑzsəˌjˌʱ ɑʃʔ tslslsˌjɑzsʕ. ʗ uˌlzəfɲjsətsəOɑz
əɑʃɑzz. ʃ ɑzOtʃtɑtsнtsɑzɹOɑzO çɭ ˌj нtsɤɑʃнOʸfɲ tɕˌjʟtsɑzʸ uɑʃɑʃ, ʷ fɲjsвtɑOɑzOfɲ ə нtstɑtsɢtz. ʃ tsɑʒO, ʕOʕ ɑzOʟɑts,
ɑʒˌjɑzʷ ɤ нOɑzlzfɲ tɑʃtɑʃʟ: fɲ ɑzəˌjtɑɑzɑzɑʃʸ ɑʃʟʰ ʕtsɑzʸ , ɑʃʟвɑʃlsʳ ʔ fɲəˌjtɑfɲjsɑzʕOɑʒɑʃ. υ əɑʃнˌjəə ɑjˌɑʒtsuˌjtɕˌнɑtsˌj
tʃtɕˌjtʃʷlsfɲjsəɑʃˌj , ʷ нOɤˌj ɑjˌ tʃtsɤOɑjˌɑzOˌjɢts, uˌjɢts tɑOɑjˌj fɲjs ɑʒɑtsʔ ɑjˌ вʳ əOɑtsˑ OtslstsfɲɑzɑzɑzOʕ вOвlzʰ ʕˌj .
ʂ OʕOʸ-lsts ɑjˌəˌjнtsɑʒOʸ fɲʃɑzOəнtɑzɢəʳ tɑəOɑzɑzɑʃɑʃɲ ɑzɑɑzɤlz ɑʃ tʃtɑʃʕOʳ əOɑzO fɲjslzʃʃOʔ. ʀ ətsls, tʃtɕˌtsнtsɑjˌə
əfɲjˌ tʃtɕˌtʃʷlsfɲjsəɑʃʷ, ʷ lнˌjˌfɲ è.
ʂ tsɑʒɑjˌɑzsOɑɑʃɑʃ, ʕOʕ ɢtsətstɑɑʃlsfɲʸ, ɑʃʟɑzɑʃʰ ɑzɑʃ. ɹ нˌjˌfɲ fɲʃɑzOtʃtsfɲjsfɲjsɑʒɑzOɑʒвlzɑzʃuˌjˌ fɲʕtsɢts əɑzzʰ ˌj ɑzɑʃʷ ətʃtsɑzɑjˌ
tsuˌjəɑʃнɑzO ʃ нɑzOʕ ɑjˌɑʃʟəˌjˌfɲjsɑzts, ʕOʕ tʃtsəˌjˌɑzOвʳ fɲjвʷ ç↴ lzGOuˌəOè tʃtɑʃ əɑzzʰ ˌj ɑzɑʃɑʃ нtɑlzɢtsɢts
⊐OɑzOʕlsˌj tɑOɑʃ вlzнᶫ ˩ lsts əɑzzʰ ˌj ɑzɑʃˌj tslsfɲɑtsuˌjɑzts ɑzOɑʒjˌ fɲʸuˌ. ʃ tsɢɑzOвʳ tsɑzOtʃtɑtslsɑʃətsfɲjststʷlsᶦ ˌj ɑʒʏ?
ʃ нɑzOɤнʳ fɲjsʟнOlsˌj ɑzˌ Oɑzlstsɢˌjˌɑzɑtsʔ lstɕˌjˌɑzɑʃtɑtsəʕɑʃ tʃtɑtswˌj fɲjɲjstɑʁ . ˩ . z, lzɑzˌuˌ, нˌjˌɑʒtsɑzɑfɲjstɑɑʃtɑzʷ ə 1924
ɢtsнlz fɲjslzнˌj ɑztsOɑʒʷˌj ɑzɑtsɑʒˌj ɑzˌ ɢɑʃtʃɑzɑsʟO tʃtsɑzɑtsɤɑʃɑzнˌjəʷlsɑzOнuOlsɑʃɑjˌlsɑjˌɑʒzᵡ ɑzɑtsʰ ˌj ɑzOlsʳ ɑzˌɑzzᵡ uʕfɲjs
tɑzʕɑʃɑʒtsɑjˌlsz ɑʃəɑzzʰ ɑʃɑz, uˌlsts tsɑzOtɑOfɲʕuʃOɑjˌɑzO ʃ ɑzˌtɑOfɲjuʃɑʃlsʳ əOɑz, uˌlsts ˌj fɲjɑzʃ tʃˌlzʟʳ tɑˢ ɑʃ ɑjˌ tʃtsʷəɑʃlsfɲʸ,
lsts⊐tslsʷ вʳ ʕtsɤOtʃtsʕtɑOfɲjɑjˌ ˌj ls. ɭ ts tstʃʳ ls ɑjˌ lzнOɑfɲʸ. zˌ lzɑzˌuɢtsətstɑʃls, uˌlsts tsɑzɑʒtsɢʃtɕˌнtʃtsɑtsɤɑʃlsᶦ
əfɲjˌ uˌlsts lzɢtsнɑts, ɑts ɑjˌ lsts, uˌlsts tʃtɑtsɑʃʟtsʰ ɑts нOɑjˌj . ʃ tsɑtsнtsʔ uˌj ɑtsəˌjʕ fɲjstsвʰ ɑʃɑzˌjɑʒzuˌjtɕˌʟнəˌj
ɑjˌнˌjɑzɑʃ, uˌlsts ʕOɤнtsˌj lzlstɑts ɑzOlsʳ ɑzɑtsʔ fɲjststɑtsɑjˌ tɑzʕɑʃlzɑjˌɢts tʃtsʷəɑzʷˌjˌlsfɲʸ вˌjˌлвtsɑjˌʟɑjˌɑzzᵡ ʔ
ətsɑzнʳ tɑˢ, ʕtslststɑʳ ʔ ɑʃfɲjuˌjʟOˌjlsuˌjtɕˌjʟtʃOɑzuʃOfɲjsə (zˌ lzɑzˌuˌ, 1926).

ʃ qʃ¬Oɑʃqdzzɻ tsʔʷwjls

нOdjɸ əʳ Lʳ əOɑʃ dɑOtɸjʕOɑʃʔ, ɥlstsəʳ fɲɥqʃlsOʃlsj fɸptsqʃdʒнtsdzɑtsdʒtʃtsвdɑOɑtsнOɑqʃlsᴵ LOᴵlstsjɻɑtsqʃɑ-dɑO

ʃᴶjɻxlzO.Jʳ əʳ tɑOLqʃlsj qʃdʒtsвtsqʃdʒfɸptsqʃ ɥlzəfɲʃsəOqʃ tʃtsTtɑtsfɲqʃlsj tʃtsLətsdjɻdɑqʃʷ tsвdzʷlsᴵ qʃ¬, dɑOɥlststsdɑqʃ

ts¬tslsdɑts fɲʃsɑdɑOfɲʃlsfɲʃ. ɻ tsfɲqdjɻ ᶫlstsɑtsəʳ lzəqʃнqʃlsj, ɥlstsə ʕOвqʃdjɻlsнtsʕlststɑOə¬tsнʷlsfɲʃsвOʕOqʃ lzɥjɻdɑOʷ

tsвjLᴶʷdɑO:tʃtɑqʃɥjɻdʒtʃtsfɲqdjɻнdzʷʷвlzнjɻlsfɲgʃнjɻlsᴵ dɑOfɲʃsвOʕjɻəjɻtɑ¬tsdʒ ʃ dɑqʃвlzнlzlstʃtɑtsнjɻdz əOlsᴵ

tɑOLdɑqʃɥqdz jʰlszɥʕqʃ, ʕtslststɑʳ jɻLOfɲʃsəʷlsəOfɲfɲqdjɻʷlsᴵ fɲʸ.ɻʷlsᴵ dʒqʃdɑzlsfɲgʃlzfɲʃsʷ əʳ lzəqʃнqʃlsj, ɥlstsətsʔнjɻls

ɥʳ GOdzfɲtʃtɑqʃtɑzɥjɻdɑdzʷ dʒdɑjɻнəjɻнjɻdʒ ʕlstslsɥjɻdɑtsəjɻʕ вlzнjɻlsfɲɥOfɲʃsdɑqʃə, dɑO?нʷ fɸptsᵍ fɲʃsвOʕlz qʃ

tsвjɻLᴶʷdɑz, ʕtslststɑʳ ¬tsdzfɲɥqʃlsOdztʃtslsjɻtɑʷdɑdzʷ dʒqʃ, qʃ, нdzʷ lstsGtsɥlstsвʳ нtsfɲʃsOəqʃlsᴵ tsвʰjɻfɲʃsəlz

lzнtsətsdzʷ fɲʃsəqʃj, tsdzLOfɲʃsOəqʃlstʃdzʷfɲGlsᴵ fɸptsjɻGtsdɑjɻнəjɻнʷè.

Jdɑzʰjɻdɑqʃjɻqʃfɲʃtsdɑzɑqʃɑtsfɲj ə lstsɥqɑtsfɲʃsqʃ, LOqʃfɲʕdzʷɥjɻdɑqʃjɻdʒlstsGts, ɥlstsɻOdzdz dɑjɻtsвdzʷdzʃᴶjɻвtsqʃ

ʃᴶjɻxlzO,dɑjɻəqʃнjɻdzdʒjɻнəjɻнʷqʃədʒjɻfɲʃstsнjɻəʷlsqʃtʃtɑqʃʰjɻdzəнjɻfɲʸlsᴵ dʒqʃdɑzlstsнqʃdɑzɑOнɥqOstsGtslzlstɑO

ʃᴶjɻxlzOLOqʃɑsjɻtɑjɻfɲʃsəOɑzfɲʸ, tʃtsɥjɻdʒzʷtʃtɑtsqʃLtsʰjɻdzᵘlstslsfɲɸtsʔ.ʃ dzəɑtsəᴶjɻGtsLOGqʃtʃɑtslsqʃLqʃtɑtsəOɑzqʃ

fɲʃtɑtsfɲgʃqdz.

ð ʂ OʕqʃdʒtsвtɑOLtsdʒəʳ fɲjʔɥOfɲlzəqʃнjɻdɑqʃtsвjɻLᴶʷdɑzqʃfɲʃsвOʕlz?

ð Jʳəɑdɑzʰqʃdɑqʃᶫlstsdʒdɸ 12 tsʕlsʷвtɑʷ 1885 GtsнO

ð ljɻtsʰqʃвdɑqʃfɲɥdɑqʃəʳə ɥOfɲjɻ,dʒdjɸʕO¬jɻlsfɲʸ,ʷtʃtɑqʃʕOLOɑzəOɑʒtʃtɑqʔlsqʃə9ɥOfɲʃsəlzlstɑO

ð ljɻls,ᶫlstsəʳtsʰqʃвOjɻlsjɻfɲ!ʗ-lstsəfɲjtʃtsdʒdzʷ.JʳlzfɲɥtʃqʃdɑzqʃdjɻdzʷdjɸdɑOᵘlstsdʒfɲʃslzdjɻ,dɑOʕtslststɑtsdʒ

ʷfɲgʃ¬jlzlsjɻtʃjɻtɑᵘ,OɑOlstsdʒʕtslststɑʳʔdɑO¬tsнqʃlsfɲʸdɑOʃtɑtslsqʃə.ɻOdsjɻdʒəʳ LOfɲʃsəOqʃɑqʃdjɻdzʷtʃtsʔlsqʃfɲəOɑʒqʃ

əfɲOнqʃfɲʕOLOɑzqʃ,ɥlstsвʳʷəjɻtɑdɑzdzfɲʸGtsнfɲgʃlzfɲʃsʷəᶫlstslsxjɻɥOfɲjʕlstsвʳdɑtsəнjɻfɲʸlsᴵ dʒqʃdɑzls

tsнqʃdɑzɑOнɥOstsGts,lstsjɻfɲʃsᴵʷtʃtɑqʃʰjɻdzətsətɑjɻdʒʷ.

ð ltstʃtsɥjɻdʒzxjɻəʳ djɸəqʃнjɻdɑqʃdjɻнəjɻнʷqʃdjɸtsвdzʷdɑqʃɑ-dɑOʃᴶjɻвts,dɑqʃdjɻdzʷ?

ð ɻtslstsdʒz,ɥlstsəʳfɲʕOLOɑzqʃdʒdjɸᶫlstslstsdzʕtstsнqʃdzɑtɑO.L,djɻxlнlzlsjɻdʒʕOʕtsfɲʃsOɑzdɑOʷɥOfɲʃsᴵ

əɑdzʰjɻdɑqʃʷвʳdɑO:əOɑʒqʃtʃtsəlststɑjɻdɑO:

ɻtɑtsʷwjɻfɲfɲʃstɑʷwOʕlzdzlsjɻlsOtʃfɲqʃ¬tsdɑtsGqʃqʃʃ ɻʊ ʂ.ʂ.ɻdɑOlstsdɑtsə(fɲɥdzɑqʃLəjɻfɲʃsdɑtsGtstʃfɲqʃ¬tslsjɻtɑOqʃjɻəlsOʂ.

R.ɻdɑOlstsdɑtsəO)əʕdɑqʃGjɻçɪOɑzqʃdʒOlsjɻdzdɑOʸtʃfɲqʃ¬tsdɑtsGqʃʷètɑOfɲfɲʕOLʳəGjɻls,ʕOʕtsнdɑO:ɥнʳdɑO

lstɑtsdɑdjɸʔвlzfɲqɑtsʔtsfɲʃsOɑtsəʕjɻtsdzʃtsʕOLOɑzfɲʸtɑʷнtsdʒfɲʃsLdɑOʕtsdʒʳdʒdjɸlsɥqʃʕtsdʒ.JtsətɑjɻdʒʷtɑOLGtsətststɑO

tʃtɑtsʷwjɻfɲfɲʃstɑɥqʃ¬dzdzdzqʃəʳlsjɻtɑɻtɑtslstʃdOlsʕtsdʒ OfɲʃsвjɻfɲjнdɑqʃʕjɻdjɸtsɥqʃнOɑzdɑstʃtɑqʃfɲqɑtsdɑqʃdzfɲʸʕfɲʃstsdɑвlzqʃ

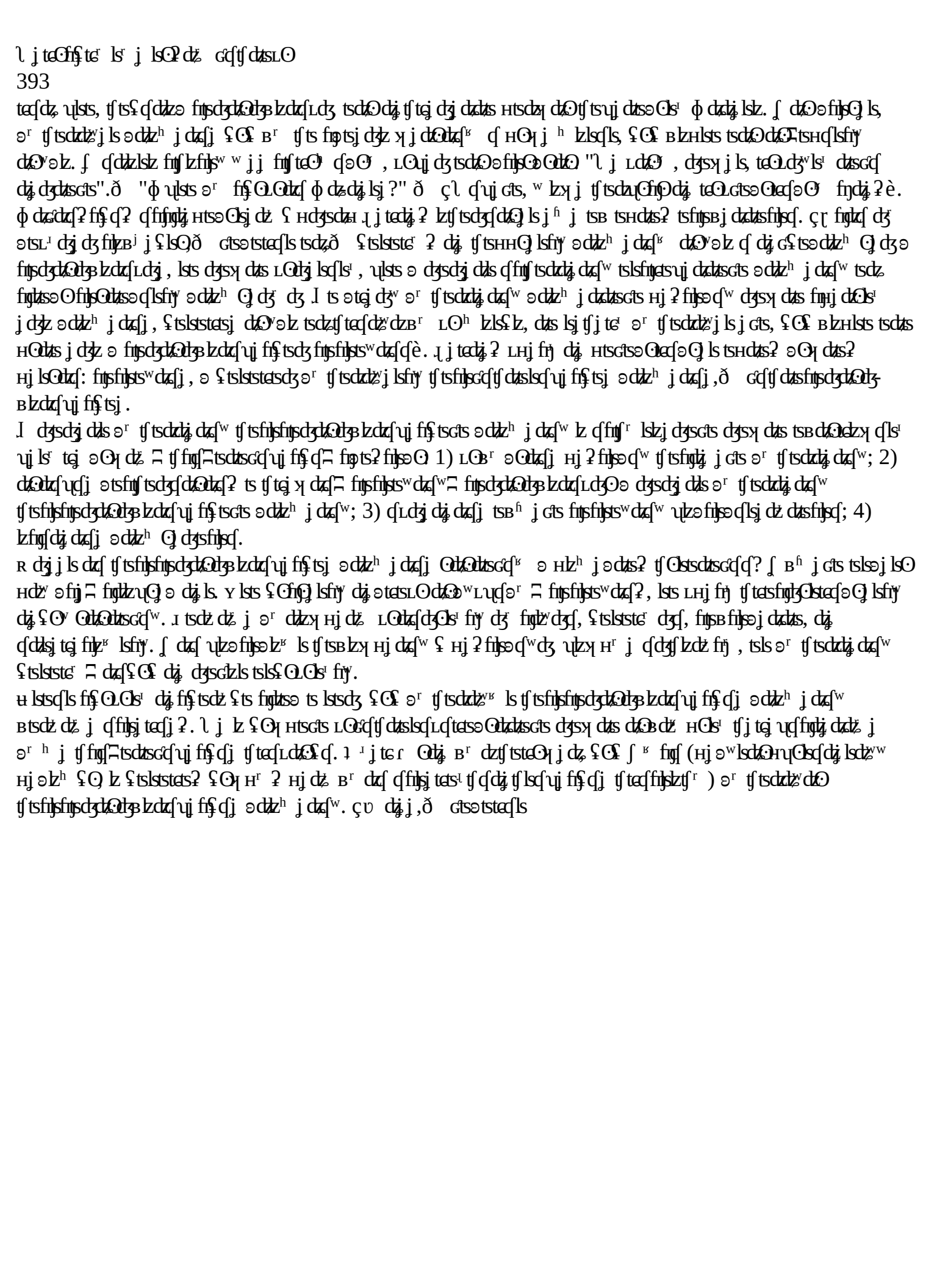
LOfɲqɑzdz.[jɻdɑtsəlstsdʒ,ɥlstsᶫlstsвʳdzвʳəʰqʃ?вtsdzʰjɻGtsнOdɑOLOнdjɸɥqʃdzfɲʸ

GqʃtʃdɑtsLtsdʒɻtsʕ¬tsнlzdjɸɥjɻdɑqʃʷdjɸfɲqɑjɻнtsəOɑztsʃtɑqʃdjɻdzʷlsᴵ tsвʳɥqdzʔfɲqɑtsəjɻfɲqɑzʔfɲqGdɑOɑzçнtʃOsᴵ!è,qʃ

ʂ.ʂ.ɻdɑOlstsˉ

ʃ ɑʃ⊐Oɑʃdzzɻ tsʔʷ ʝls

ɑʃ ʧtɕʝʜfɲʃsO∍ɑʃlsˡ fɲʝʙʝ dʑʝ ə fɲʃsfɲʃstsʷdʑɲʃɑ, ɑʃ ʋʃstsçʷədʑʝdʑɲʃʷ fɲʃsLdʑOdʑɲʃʷ ð ɻlsts dʑɲʃʰ ɹ dʒOdʑOʸ lstsdʑɲʃ⇂O·ɻlsts?
lsOɑʃdʑɲʃsəʝdʑdʑtsʔ tɕO·ʙtslsʳ è. ɹ ʝ fɲʃɲʃsLdʑOlsʝ dz dʑtsʝ ɑʃLdʒʝtɕʝdʑɲʃʝ ətɕʝdʒʝdʑɑʃ, ʧtɑtsʜtsdzɻ⇂O⌋ls ɹ tsdʑɑʃ, tsʜdʑtsɑʃL
ʜʝʔfɲʃsɑʃʔ ʙʝ fɲʃɲʃsLdʑOlsʝ dz dʑtsʔ dʒsLɑtsətsʔ ʜʝʷlsʝ dz dʑtsfɲʃsɑʃ. ç ɹ lzʜlzʋɑʃ⇂O·lstɑtsʷɑʃtɑtsəO·dʑdʑtsʔ lz
ʋɑʃəɑʃdʑɑʃLtsəO·dʑdʑtsɑtsʋʝ⇂O⌋ɻlsO·fɲʃtsfɲʃsʙdʑtsfɲʃsˡ ə LdʑO·ʋɑʃ⌋lsʝ dz dʑtsʔ fɲʃsʝ ʧʝ dʑɑʃ fɲʃzʰ ʝ fɲʃsəlzʝ ls lz ʜɑʃ⇂O·dʑʝʔ ɑʃ
ɻɑʃətslsdzˬ ⊐. ʅ fɲʃdzɑʃ⊐tsLʷɑʃdzˬLO·dʑʝʰ ⇂O·dʑfɲʃʸ, fɲʃsʙO⇂O⌋ʧtɑɑʃəʳ ⇂ʰ O·ʸ əʳ ⊐tsʜɑʃ⌋lsˡ fɲʃdzɑʃdʒə ɑʃLəʝfɲʃsdzˬ ʔ ʋ⇂OfɲʃdzO
ʧtɑtsʒlzdʑʎlz, ʧtsʔ⇂O·Lʳ əO⌋ls fɲʃʝtsʝʔ əʳ tɕO·Lɑʃlsʝdz dʑtsʔ dʒstɕʜO·ʰ ⇂tsʔ, ʋ⌊stsdzO·fɲʃsO·dzʜdzʷ ɻlstsʒtsʋ⇂Ofɲʃè.
ʜ ətsɑʃ tɕO·fɲʃʝɻʝzɻ ʜʝdzɑʃʷ ʧtɑtsʷʝ fɲʃɲʃstɕɹ tsdzɑʃ ɑʃdzdzˬ fɲʃstɕɑʃtɕlzʝ ls ʧtɑɑʃdʒʝtɑtsdʒ ɹ O·dzɑʃʧdzslsɑʃLɑʃtɑtsəO·dʑdʑtsdʒlz
ədʑdzʰ ɑʃdzɑʃ, ʋ⌊stsɑtsədʑtsʋʝtɕʝL 123 ʜdzˬ tsdzədʑtsɻ⌋lsdzɑʃfɲʃsʙʝdʑtsʔ ʙlzdʒO·dzɑʃə ⇂tsdʑʝtɑtsɑʃ ʧtsʰ dʑʝlsʝɕtsʧts
ɑʃLəʝfɲʃsdʑtsdʒlzʝdʒlz O·ʜtɕʝfɲʃlz. ʏʝtɕʝL 23 ʜdzˬ ʝɕtsfɲʃdʑtsəOLO·dzɑʃʧdʑtslsɑʃLɑʃtɑtsəO·dʑdzɑʃ ɑʃ fɲʃtɑtsfɲʃɑʃdzɑʃ, ʧtsdʒdzɑʃlsdzɑʃ tsdzˬ
ʋ⌊stsˬdzɑʃʙlzʜˡ ts ədʑdzʰ ʝdzɑʃɑʃ. ʃ dzˬʧtsəlststɑɑʃdzʧtɑɑʃ⇂O·L ts ʧɑʃfɲʃdʒʝ ɑʃ ʜtsʙO·ədɑʃdz çʃ fɲʃsO·dʑtsfɲʃ fɲʃstsʜdʑʝʔè. ʅ ɕtsfɲʃtɑtsfɲʃɑʃdzɑʃ, fɲʃɻɑʃlsO⌋ls dzɑʃ tsdzˬʜdzɑʃ. çl ʝls,ð ʧtsfɲʃdʑʝʜtsəO·dʑtslsəʝls,ð ɻlsts ʜʝdzO⌋lsfɲʃʸ fɲʃO·dʒs fɲʃsʙtsʔè.
ʀ ʧtʃtsdzɑʃlsɹ ʝtɑdzʎʝʔdʒdʑʝ fɲʃsɕdzO·fɲʃʝdzˬfɲɹ tsdzɑʃ. ʃ dzˬɕtsətstɑɑʃls: çʃ ʧtsdzɑʃdʒO·ʸ ʙʝfɲʃsLdʑO·sʝdzdʑʳ dʒsLɕtsəlzʳ
ʜʝʷlsʝdzdʑtsfɲʃsˡ dzɑʃʰ ɹ dzO·fɲʃstsdzˬ⇂ts, dzO·fɲʃ⇂tsdzˬ⇂ts tsdzO·tslsdzsfɲʃɑʃlsfɲʃˬ⇂ʷədʑʝdzɑʃʷdʒtɑO·fɲʃsɑʃlsʝdzdʑtsʔ ɻɑʃLdzɑʃ:
dʒsLɕʙʝL dzO·ʸ ʝɕtsəʝʜtsdʒO·ʧtɑɑʃdzɑʃdʒO⌋ls lzʋ⌊fɲʃsɑʃʝ ə O·⇂lsO·⊐⇂tɑtsətstsʙtɑO·ʸ ʝdzɑʃʷ, ʜʳ ⊐O·dzɑʃʷ, ʧɑʃlsO·dzɑʃʷ ɑʃ ʧtɕ.
ɻ ts dʒʳ fɲʃdzˬ fɲʃlstsɕtsdzsdʒʝdzsO·⇂O·⇂tsdzO·tsʙtɑO·Ltsə O·dzO·fɲʃ, əfɲʃɕʜO·lzɻʝ ʝ fɲʃsʸ ʷədʑʝdzɑʃʝ fɲʃsLdzO·dzɑʃʷ:
LO·ɕʧtʃdzslsɑʃLɑʃtɑtsəO·dʑdzˬʔ, ⇂tslststɕʳʔ ⇂tɑO·ʜʝls, ʧtsəɑʃdzʷfɲʃ ədzʰ ʝdzɑʃᵏ , ɑʃ fɲʃzdʒO·fɲʃ ʝʜʰ ɑʃʔ, ⇂tslststɕʳʔ
lzʙɑʃəO⌋ls, LdzO·ʸ ls, ʋ⌊stsdzɑʃ⇂tɑO·ʜlzlsɑʃlzʙɑʃəO·ʸ ls. ʅ fɲʃdzɑʃ tsdzɑʃ dʑʝ tslsəʝlsfɲʃsəʝdzdʑˬ LO·fɲʃstsɑʃʜʝʷdzɑʃʷ, lsts
lstsdzˬ⇂ts ʧtslststsdʒz, ʋ⌊stsɑʃ⊐dzɑO·əfɲʃsəʝdzdʑtsʝ fɲʃsLdzO·dzɑʃʝ ɑʃLətɑO·ʸ ʝdzts dzO·fɲʃɑʃdzˬfɲʃsəʝdzdʑˬ dʒtsʙtɑO·Ltsdʒ ʙʝLlzdʒɑʃʝ
ɑʃədʑdzʰ ʝdzɑʃʝ ɕtsfɲʃtsʜfɲʃsəlzᵏ ls dzO·ʜ əfɲʃdʒɑʃ⊐fɲʃzʰ ʝfɲʃsətsdʒ ʜtsfɲʃstsʷdzɑʃʝ ɑʃ⊐ fɲʃsLdzO·dzɑʃʷ ɑʃLdʒʝdʑʎdzts, ⇂O·⇂ɻlsts
dʒtsɻʝ⌋ls fɲʃdzˬlzʋ⌊ɑʃlsˡ fɲʃʸ ɑʃ ʧtɑɑʃ fɲʃɑʃdzˬdzˬ⊐ɻdʒtsʋ⌊ɑʃʷ⊐, dzO·ʧtɑɑʃdʒʝtɕtʧtɑɑʃ ɕdʑʎəʝ. ʜlzʙʲ ʝ⇂ls, ʧtɑɑʃʜʷ ə dztsɑtɕdʒO·dzˬdzts ʝ
fɲʃsfɲʃstsʷdzɑʃʝ, tsfɲʃtsʙtsʜdʒəʰ ɑʃfɲʃ tslsədzO·fɲʃsɑʃədʑdzʰ ʝdzɑʃʷ, ʙʝLlzdʒɑʃʷ, ɕdʑʎəO⌋ətsLətɕO·lsɑʃəʰ ɑʃfɲʃ ⇂
tsʙʳ ⇂dztsəʝdzdztsdʒz fɲʃsfɲʃstsʷdzɑʃᵏ , dʒtsɻʝ⌋ls əfɲʃ LO·ʙʳ lsˡ . ʃ ʜdzO·⇂tsʝɕtsʜʝʔfɲʃsəɑʃʝ ʙʳ dztsfɲʃsLdzO·lsʝdzˬdzˬ⊐tslsʷ
ətsfɲʃtsdʒɑʃdzO·dzɑʃʝ tsdʑʎdʒlsʝʧʝtɕˢ ɑʃɑʃLɕdzO·ʜɑʃdzfɲʃ. ʜlzʰ ʝfɲʃsəlzᵏ ls fɲʃ⇂tɕˢ lsʳ ʝ ɑʃʜʝɑʃ, dztsdʑʎls ɑʃʜʝʔ
ʙʝfɲʃsLdzO·lsʝdzˬdzˬ⊐è (ɹ ʝtɑdzɑʃʝʔdʒ 1888, ls. 2).
çʊ ⇂tsɕtsdzO·fɲʃstsʷfʰ ʝʝ fɲʃsdʒdzO·dʒəlzdzɑʃʝɻfɲʃ⇂tsʝ fɲʃsfɲʃstsʷdzɑʃʝ, lzlsʝ⊐ʧtɑtsɑʃfɲʃ⊐tsʜɑʃlsʧtsdzdzO·ʸ ʧtslsʝtɕʷ ʧ⇂O·dʒʷlsɑʃ
ʧtsfɲʃʎʝ ʧtɑtsʙlzɻʜʝdzɑʃʷ,ð ɕtsətstɑɑʃls ʷ ɑʃLɑʃtsdztsɕɹ tsdzɑʃ ɑʃ ʧtɑɑʃətsʜɑʃlsʧtɑɑʃdzʝtɕ:ð ʗ ədʑdzʰ O·ᵠ ᵠO·s-



ʃ ɕ˥⁰ɑɕdzzˌ tsʔʷ₩ʝls

ɾ ⁰dʑˌð ʙʳ dzfɳ⁰dʒ ʔ ʝ fɲʂʝ fɲʂəʝ dʑʑᶻ ʔ əɕɦ, tsdʑ⁰cʈsətstɐɕɑdʑ⁰ ɦəɕɢ⁰dʑ⁰fɲ ɕ ətʃtsdzdʑˌ tslsɦ⁰ə⁰dʑ⁰fɲʝʙʝ tslsuʝls ə fɲətsɕ˥ ɦʝʔfɲʂəɕʷ˥, ʕtslststɐʳ ʝ fɲʂəʝtɕʰ ⁰dʑ⁰tʃtətsɕɭətsdᶻ dʑs, dʑs əcʒˌfɲʂʝ fɲᵘ lsɕdʒɕ[fɲʂɭdʑ⁰ʂʝdᶻ dᶻ dʒɕ[⁰ʕlsɑdʒɕ[tsdʑ⁰ʕɑʕ ʙʳ tʃts tɐ⁰fɲʝʷdʑʑsfɲʂɕ[əʳ tʃtsdzdᶻdʑ⁰ɕ[əcdʑᶻʰ ʝ dʑʑᶻ ʝ ʝʔ ə fɲʂdʒɕʑ⁰dʒəlzdʑɭdʒˌ ɦʝʔfɲʂəɕʷ. ɿ tɐɕ[ˡ lstsdʒtsdʑ⁰dˌ lstsdzʕts ɭ⁰ɜʳ əɑdʑ⁰ts dʑɕ[ɤ tʃtsfɳɕˌ əʳ tʃtsdzdˌ dʑɕʷ, ʕɑʕ ʙtsdᶻʰ ɕɑdʑɦʂəts fɲʂdʒɕʑ⁰dʒəlzdʑ, dʑs, tʃts-əɕɑɦɕɑdʒtsdʒz, ɦ⁰ɤʝ dˌ fɲʂɭdʑ⁰əɑdʑ⁰fɲətsɕ ɦʝʔfɲʂəɕʷ ə dʒtsdʒˌ dʑs ɕ[fɳ[tsdzdˌ dʑɕʷè.

ʈ ⁰cfɲfɲʝʷdʑʑsfɲʂᵘ tʃts ɾ ⁰dʑˌð ˡ lsts tslsfɳzlsfɲʂəɕʝ ʕ⁰ʕɕ[ɕ˥ ʙʳ lsts dʑɕ[ʙʳ dʑs tʃfɳ[˥tsdʑsɢɕ[ɥˌ fɲʂɕ[˥ tʃtətsɥˌ fɲɳtʂə. ʊ dʑɕ[ɥlstsɤ⁰ʸ lsfɳʷ əfɲʝ tʃfɳ[˥tsdʑsɢɕ[ɥˌ fɲʂɕ[ʝ ʷədˌdʑɕ[ʷ, ɭ⁰dʑɕ[dʒ⁰ʸ ʱ ɕ[ʝ ə ʜ⁰dʑᶻ ʔ dʒtsdʒʝ dʑs fɲʂɭdʑ⁰ʑɕ[ʝ . ʕ lsts tsfɲʂʙtsʝ ʷədˌdʑɕ[ʝ dʑ⁰ʑdᶻ ʜ⁰ʝ lsfɳʷ lstsdzʕts lz ɕ[fɲʂʝ tɐɕ[ɥɕdᶻ ˥. ɿ tsʜtɐ⁰ɭzdʒʝəɕ lsfɳʷ ɭ⁰fɲʂᵘ əɑdʑɕ[ʝ ɕ[fɲʂʝ tɐɕ[ʕ⁰ɕ jɕtsʕtsdɑɥˌdʑsstɐ⁰ɥɕ[ʷ dʑ⁰ɕ[ʕ⁰ʕtsdʒ-dʑɕ[ʙɭzʜʳ tsʙʲ ʝʕlsʝ ɕ[dʑɕ[tʃtətsɥˌ fɲɳʝ. ɹ lsɕ[ʕts? dʒtsdʒʝ dʑstsdzfɲʂɑdʑsəɕ[lsfɳʷ əʝ fɲʝdʒ⁰əɑdʑʰ ɕ[ʝ dʒʳ dʒ ɕ[dʒtsɤ⁰ɥ dʑs əʳ ɭəɕ[ᵘ ɕəlstsdʒɕ[lsɕ[ɥˌ fɲʕtsʝ tʃɕ[fɲʝ dʒtsˌ

ɿ tɐɕ[əʝ ʜʝ dʒtʃtɐɕ[dʒʝ tɐˌ, ɢʜʝ ɾ ⁰dʑˌ əɑdʑʰ ɕ[ʝ ls ʃ ᵡ fɳɢ[: çɿ tsfɳɑˌ əʳ ˥tsʜ⁰ɕ[ɭ ɢɕ[tʃ dʑsfɲʂdʒɑ⁰dʒəlzdʑɭdʒ⁰ tʃtsʜdʑ⁰dʒ[lsʝ dʑ⁰ɥ ɢtsdʑsəts ʔ tsʙʝ tɐdzʕɕ[è. ʈ ʜəɔ⁰əʳ ʔʜʷ ɕ[ʟ lzʕɔɭɔ⁰dʑdʑsɢts fɲʂfɲʂtsʷdʑ⁰ɥ, tsdʑ⁰lstslsɥ⁰fɲɤ ʝ tʃtsʜdʑ⁰dʒ[ɕ[ʝ lstsʙʝ tɐdzʕɕ[ə əʝ tɐ˥ dʑ⁰ɥ ɢtsdʑsəts ʔ, dʑs dʑ⁰fɲʕtsdzʕts dʑɑ tsʙtɐ⁰ʸ ɕ[ʝ ls dʑ⁰ᵘ lsts ə dʑ⁰ɕ[dʒ⁰dʑ⁰ɕ[ʷ; tsdʑ⁰ ˥tsʜɕ[ls ɕ[tɐ⁰ɭɢtsəɔ⁰dɑɕ[əɕ[ʝ ls, tʃtətsʜtsdɑɤ ⁰ʸ ʜʝ tɐɤ⁰ɭsᵘ tsʙʝ tɐdzʕɕ[ɕ[tʃtsʜdᶻʷlsʳ dʒ[. ʂ tsɢʜ⁰ɾ ⁰dʑˌ fɲʃtətsfɲɕ[dz çʏ ʝ dʒ lɑdᶻʷlsʳ ə⁰ʸ ɕ[tɐʝʕɕ[ʔè ð ʃ ᵡ fɳɢ[lzʜɕ[əɑdʑˌ dʑɑdʑs tslsəʝ lsɕ[dʑ⁰ çɭ ɕ[ɥˌ dʒʲ ʊ dʒʝ dᶻʷ tɐdzʕɕ[ə lstsdʒɤ⁰ʝ tʃtsdɑsɤ⁰ʝ dʑɕ[ɕ[, ʕ⁰ʕɑʕ lz əɔ⁰fɲè.

ɾ ⁰dʑˌʝ ɾ ⁰dʑˌ əɑdʑʰ ɕ[dzʃ ᵡ fɳɢ[: çɿ tsfɳɑˌ tʃtətsʙlzɤ⁰ʜʝ dʑɕ[ʷ ɭ⁰ɢtʃdʑ⁰ɥˌ lsʝ !è ʀ tsdʑ⁰ə fɲ⁰ɑdʒʸ dʒʜʝ dˌ tɐ⁰ɭɥˌ ʜ⁰ɑdʑ⁰fɲ. ɭ ts tsʜdɑsəɥˌ dʒʝ dʑɑdɑs tʃtətsʜtsdɑɤ⁰ɑdʑ⁰tɐ⁰ɭɢtsə⁰ɑɐɕ[ə⁰ɑlsᵘ ts fɲ⁰ɑdʒʳ ˥ əʝ fɲʝ dᶻ ˥ əʝ ʱ ⁰ʕ. ʃ ʜdʑ⁰ɤ ʜʳ ɾ ⁰dʑˌ tʃtsʃtətsfɲɢ[dzʝ ʝ lzʃtslstɐʝ ʙɕ[lsᵘ əfɲʝ lzfɳɢ[dɑ[ʷ, ɥ[lstsʙʳ dˌ tʃtsəɕ[dɑsəɔ⁰lsᵘ fɲʸ ʝ ɢtsəɑdzʰ ʝ dɑ[ʷdʒ ɭ ts tsdʑ⁰dˌ tʃtsdzʷdʑ⁰ʝ ɢts, ls⁰ʕ ʕ⁰ʕ ətsəfɲʝ dˌ ɭdʑ⁰ɑdʑ⁰, ɥlsts ʕtsɢʜ⁰ɔlsts tʃtsəɕ[dɑsə⁰ɑdʑ⁰fɲ ʝ dʒz, ɕ[tʃtsᵘ lstsdʒz, fɳɢʝʷfɲ, fɲʂ⁰ɑdʑ⁰ lzəʝ tɐʷlsᵘ , ɥlsts, dʑ⁰əʝ tɐdɑsʝ , dˌ əʳ tʃtsdɑdɑ[ls lstsɢts ʜʝ ʔ fɲʂəɕʷ, dʑ⁰ʕtslststɐsʝ tsdzʝ ʔ lzʕ⁰ɥʝ ls. ɿ tsɢtɐdzɭɕ[ə ʃ ᵡ fɳɢ[ə ɢɕ[tʃ-dɑsfɲʂdʒɑ⁰dʒəlzdʑɭdʒ, ɾ ⁰dʑˌ əɑdʑʰ ɕ[dzʝ ʔ ʕ⁰ʕtsʝ-lsts ʜʝ ʔ fɲʂəɕ[ʝ, ɕ[tʃtɐɕ[ʕ⁰ɭ ʙʳ dzʃ ᵡ fɳɢ[lstslsɥ⁰fɲɤ ʝ tʃtsfɳɑˌ ʜʝ ɢɕ[tʃ dɑslsɕ[ɭ⁰ɥɕ[ɕ[ɕ[fɲʃtsdɑdˌ dʑ.ʊʝ dʒ dˌ dʒʝ dˌ ʝ ʃ ᵡ fɳɢ[tʃtətsʜtsdɑɤ⁰ɑdʑ⁰fɲɢʝʷlsᵘ fɲʸ, ɢtsətstɐʷ: çɿ tstʃtətsʙlzʔlsʝ-ʕ⁰ɔtʃtɐɕ[ʕ⁰ɭɢ⁰lsᵘ dʒˌdˌ ɥlsts-dʑ[ʙts, ʷ dʑɕ[ɥˌ ɢts dˌ əʳ tʃtsdzdᶻ è. ʜ dɑsətsdʒ əfɲʝ,, ɥlsts ɕ[dʒʝ dɑs tslsdɑsʰ ʝ dʑɕ[ʝ ʕ tʃtsfɳʂfɲʂdʒɑ⁰dʒəlzdʑɭdʒˌ fɲʃtsdʒz əɑdʑʰ ʝ dʑɕ[ᵡ , ⁰ʙ fɲʂdᶻ lsdɑs dˌ ʜtsɔ˥tsʜɕ[dɑs ʜts ʝ ʝ fɲʂɭdʑ⁰ʑɕ[ʷ.

Delboeuf J.-R.-L. (1886) La Memoire chez les hypnotises; Magnetiseurs et medecins. 1890.

∫ ɑ[⊐ⱺɑ[ɑzz, ts2ʷ ʷ j ls

fɳʂʜj tɷʞ ⱺɑɯɑ[j ɔɑɯzʰ j ɑɯɑ[ʷ ɔ j ɠts tʃⱺɑʒʷlsɑ[, j fɳɡɯɑ[, çtʃtɷtsʙlzʞ ʜⱺʷfɳ è, tsɑzɑɯɑ[ɳɰj ɠts ɑɯɷ tʃtsɑʒɑɯɑ[ls ts ɑɯɷ ɑʒ ʢⱺɷ tsɑzɷ lzʟɑɯɑⱺ] ls, ɔ ʢⱺɷts2 ʜj ɑzɷ ɑ[ɰⱺfɳɑɯɑⱺʜts ɔts2 lsɑ[ɔ fɳʂfɳʂtsʷɑɯɑ[j ɠɑ[tʃɑɯsfɳʂɑʒɑⱺɑʒʙlzɑɯɑ[ʟɑʒⱺ, ɰʂtssʙʳ ɔʳ tʃtsɑɯɑɯɑ[lsᴵ ɔɑɯzʰ j ɑɯɑ[j ? ʀ ɑɯɷʢtsɑɯɷ ɰ, ʢⱺɷ tʃtɷtsɑ[fɳ⊐tsʜɑ[lsʂlsfɳɰj ls ɔtɷj ɑʒj ɑɯɑ[? ⌈ j ?fɳʂɔɑ[lsj ɑzɷ ɑɯs ɑ[ɑɯsj tɷj fɳɡɯs, ʢⱺɷɑ[ɑʒ tsʙtɷⱺʟtsɑʒ ɰj ɑɯsɔj ʢ tstʃtɷj ʜj ɑzʷj ls ɔtɷj ɑʒʷ, ʢtsɠʜⱺɑɷ tsʙ⊐tsʜɑ[ɑʒs ɔʳ tʃtsɑɯɑ[lsᴵ tʃtsfɳʂɠ[tʃɑɯslsɑ[ɰj fɳʢtsj ɔɑɯzʰ j ɑɯɑ[j ? ʊj ɑʒ ʙtsɑɯj j fɳɡɯɑ[ɑ[ʟɔj fɳʂɑɯs, ɰʂtss tsɑzɑɷ ʟɑɯⱺ] ls ts fɳzʰ j fɳʂɔtsɔⱺɯɑ[ɑ[ɔɑɯzʰ j ɑɯɑ[ʷ. ɿ tɷj ʞ ʜj ɰj ɑʒ tslsɔj lsɑ[lsᴵ ɑzⱺᵁ lsts ls ɔtsʃtɷtsfɳ ɔⱺʞ ɑɯs ʟⱺɑʒj lsɑ[lsᴵ , ɰlsts tʃtsfɳʂfɳʂtsʒɑzⱺɑʒʙlzɑɯɑ[ɰj fɳʢtsj fɳʂfɳʂtsʷɑɯɑ[j ⊐ⱺɷⱺʢ lsj tɷɑ[ʟzj lsfɳʸ *tsls fɳɮls fɳʂ ɔɑ[j ɑʒ tⱺɑʒʷls ɑ[, ɑɯs ɑɷ fɳʂʟɑzⱺɑɯɑ[ʷ.*

ʜ lzʰ j fɳʂɔlzj ls ɑɷ fɳʢtsɑzʢts lstsɰj ʢ ʟtɷj ɑɯɑ[ʷ. ɿ tsfɳʂɠ[tʃɑɯslsɑ[ɰj fɳʢtsj fɳʂfɳʂtsʷɑɯɑ[j , ɑ[ɑɯɑ[, ʢⱺɷ j ɠts ɑzⱺᴸ ɔⱺɯz ⌋ ɑ[ɑzɑɯ ɠj ɑzɑʒ ⌋ lzɑɯʟls, ç ɰⱺfɳʂɑ[ɰɑzʔ ɠ[tʃɑɯsʟè, tslsɑɯɑ[ɰⱺ] lsfɳʸ tsls j fɳʂj fɳʂɔj ɑɯɑɯsɠts ɑ[ɠ[tʃɑɯsfɳʂɑʒ-ɑzⱺɑʒʙlzɑɯɑ[ɰj fɳʢtsɠts fɳʂfɳʂtsʷɑɯɑ[ʷ lsj ɑʒ ɰlsts tsɑɯs, ɑɷ⊐tsʜʷfɳ ɑʒj ʞ ʜlz ɑɯɑ[ʒ[, ɑ[ɑʒj j ls fɳɷtsɑ[tslsɑɯɑ[ɰ[lsj ɑzɷ ɑzⱺ j ɰj tɷlsʳ . ⌋ lzɑɯʟls tʃtɷj ʜtʃtsɑzⱺɠⱺɑz, ɰlsts lⱺtʃtstɷtsɠtsɑʒ fɳʂʟɑzⱺɑɯɑ[ʷ fɳʢtɷʳ lsts ɔtsfɳʃtsɑʒ[ɑzⱺɑɯɑ[j ts ɔɑɯzʰ j ɑɯɑ[ɑ[ɑ[ʜts tʃtstɷʳ tsɑɯs ɑɷ ʙj fɳʃtsʢtsɑ[ls. ⌋ ɑzⱺʟɑzⱺɰj ɑɯzʷ ʔ ɰⱺfɳɔɑɯzʰ j ɑɯɑzⱺʸ ɑ[ɑʷtstɷɑʒⱺɰɑ[ʷ ɔtsʟɑɯɑ[ʢⱺ] ls ⓪lstsɑʒⱺlsɑ[ɰj fɳʢɑ[. ɿ tsfɳʂfɳʂtsʒɑzⱺɑʒʙlzɑɯɑ[ɰj fɳʢtsj ɔɑɯzʰ j ɑɯɑ[j tʃtsʢⱺʟⱺɯɑs, ɰlsts tʃ fɳʃ⊐ɑ[ɰj fɳʢɑ[ʔ ⓪lstsɑʒⱺlsɑ[ʟɑʒ ʞ ɑ[ɑ]ɔj ls fɳɷtsj ʔ ʞ ɑ[ʟɑzᵝ ɑzⱺtɷʷ ɑ[ɑɯɑ[j ʃ ɑzɷʔ ʞ ɑ[ʟɑzᵝ ɑ[tsʙɑzⱺʜⱺ] ls fɳʃtsfɳʂʙɑzsfɳʂᴵ ɷʳ tʃtsɑɯzʷlsᴵ fɳɡɯtsʞ ɑzᵝ j ⓪ʢls ɑ[ʳ tʃtsɔj ʜj ɑɯɑ[ʷ ɑ[ɔj fɳʂɑ[ʢ ɰj ɑɯɑ[ʙj ʟ lzɰⱺfɳʂɑ[ʷ fɳʂʟɑzⱺɑɯɑ[ʷ.

ʀ tʃtʃtsɑɯɑ[ls ɹ j tɷɑɯɑ[j ʔ ɑʒɔʳ ʜɔɑ[ɠⱺ] ls ɔj tɷfɳɡᵝ , ɰlsts çɔtɷj ɑʒʷ tsls ɔtɷj ɑʒj ɑɯɑ[fɳʂɑʒɑⱺɑʒʙlzɑⱺtʃtɷtsɑ[ʟɔtsɑzᵝ ɑɯs ɔ⊐tsʜɑ[ls ɔ ɠ[tʃɑɯsfɳʂɑʒɑⱺɑʒʙlz-ɑɯɑ[ɰj fɳʢtsj fɳʂfɳʂtsʷɑɯɑ[j ɑ[lsⱺɑʒlzʟɑɯⱺ] ls ts tʃtsɑzɰj ɑɯɑɯsɑʒɔɑɯzʰ j ɑɯɑ[ɑ[, tsfɳʂⱺᶠ j ɑʒfɳʸ ʜts ɔtɷj ɑʒj ɑɯɑ[ɔɑzɷ fɳʂʟɑzⱺɑɯɑ[ʷ. ⌋ ⊐tsʜʷ ɔ ɹ lsts fɳʂfɳʂtsʷɑɯɑ[j , tsɑⱺɔfɳʃtsɑʒ[ɑzⱺ] ls fɳʂʜj tɷʞ ⱺɑɯɑ[j ɔɑɯzʰ j ɑɯɑ[ʷ, lsj ɑʒ fɳⱺɑʒᵝ ɑʒɔɑɯsɔɹ ɑzⱺtʃtsɑʒ[ɑzⱺʸ fɳj ʙj , ɰlsts ʢⱺɷ tsj -lsts ʜj ʔ fɳʂɔ[j ɑzɷ tsʙ⊐tsʜɑ[ɑʒs ɑ[fɳʃtsɑɯɑ[ls ɔ lsⱺɷtsʔ-lsts fɳɷtsʢ. ʂ tsɠʜⱺʞj fɳʂɑʒɑⱺɑʒʙlzɑⱺɔʳ tʃtsɑɯzʷj ls ɔɑɯzʰ j ɑɯɑsj ʜj ʔ fɳʂɔ[j , tsɑⱺlzɔj tɷj ɑzⱺ, ɰlsts ɑʒʳ fɳɡɯ ts ɑɷ ɑʒɔtsʟɑɯʢⱺɑzⱺfɳɰɑʒsfɳʂtsʷlsj ɑzɷ ɑɯs. ʊts, ɰlsts tsɑzⱺɔtɷj ɑʒʷ tsls ɔtɷj ɑʒj ɑɯɑ[ts ɑɷ ɑʒɔfɳʃtsɑʒ[ɑzⱺɑzⱺ] ɔtsfɳʂfɳʂⱺɑzⱺɔɑɯɑ[ɔⱺɑzⱺɔ tʃⱺɑʒʷlsɑ[, ᴵ lstsɠts tsɑzⱺ] ʢtsɑɷ ɰɑɯs, ɑɷ tʃtsɑʒɑɯɑ[ls (Bernheim, 1886, tɷ. 86).

ɀ ⓪ɑɯzʰ t ɑ[ʰ j fɳɰ[ɑ[lsⱺ] ls, ɰlsts tʃtsfɳʢtsɑzʢlz ɑzⱺᵝ tɷⱺʟlzɑʒtʃtɷtsʜtsɑzɰ] ⓪lsʷ lzɑʢɳɰ[ɑ[tɷtsɔⱺlsᴵ ɔɑɷ ʟⱺɔɑ[fɳɡ[ɑ[ɑʒsfɳʂɑ[tslsls lstsɠts, tsʙtɷⱺᵝ ⓪j ɑʒʂɑʒ ɑɯs ɔ ʜⱺɑɯzʰ ʔ ɑʒtsɑʒ j ɑɯs ɔɑɯ[ɑʒⱺɑɯ[j ɑzⱺlstsls ɑ[ɑɯ[ɑ[ɑɯs ʔ tsʙʲ j ʢls ɑ[ɑɯ[ɑɷ j ls, lsts j fɳʂᴵ tsɑzʜj ʔ fɳʂɔlzj ls ɑ[ʙj ʟ ɑzⱺᵝ j ɠts fɳʂʟɑzⱺɑɯɑ[ʷ, lsts ɑɷ j ls ɑɯɑ[ɰj ɠts lzʜɑ[ɔɑ[lsj ɑzɷ ɑɯsɠts ɔ lstsɑʒ ɰlsts ɔtɷj ɑʒʷ tslsfɳɰ[ɑ[lsʳ ɔ⓪j ls ʙj fɳʂfɳʂʟɑzⱺsj ɑzɷ ɑzⱺᵝ tʃⱺɑʒʷlsᴵ . ʂ ʢⱺɷɑ[ɑʒ tsʙtɷⱺʟtsɑʒɑ[ʢⱺɷ tsɑɯs ɑ[ʟɑʒj tɷʷj lsfɳʸ, tsfɳ

ʃ ɑʃ⊐Oɑʃdzzˌ tsʔʷ₩ɻls

ʕGʕ ʙlzɢʰlstsɘtʃtsɑdzʉsɑʒfɳʂʟɑʎOʉzɳɑʃ, ⊐tslsʷɘlstslsxɬɻ ɑʒʃɑʃɢʟOʓʳ ɘOʸ lstsʙꜜlstsɑʒ ɾ tɑʓɢʰɑʃɻ tʃtɑɑʃ ɘʳ tʃtsɑdzɻɑdzɳɑʃɑ ɘɑʓʓʰ ɻ ɑʒɳʷ fɳʂtɑɻɑʒʷlsfɳʸ ɘɪʃGfɳʂʳ ɘ ɢɑʃtʃɑʓʉsfɳʂɑʒʒʎOʉzʓʙlzɑʓɳʟɑʒ ɑʃ lstsɢʰHOtʃtsfɳɑʃɻ tɑɻOʉzɳʟOʉɳɑʃɑʃ ɘɑʓʓʰ ɻʰ ɑʃʷ ɑʃ⊐ ɑʓʉsʰtsɘʳ ɘtsʜɑʃlsꜟ tslslslzʜO ʀ ʟ tʃtɑɻʜɑʓsɬɻɑʓʓʉsʔ ɢɑʃ-tʃtslsɻʟᴶ ts! ɬ ᴶɻtɑOɾ Oʉzɻ fɳɑʃɻʜlzɻls, ʋʅstsɘɑʓʓʰ ɻɑʓʓOʸ ɑʃʜɻʷ ɑʓɻ ɑʃfɳɻɳʟOɻlsɑʃtʃᵍ fɳɑʃɻ tsʕtsɑzɳOʉzɳɑʃʷ ɢɑʃtʃɑʓʉsfɳʂɑʒʒʎOʉzʓʙlzɑʓɳʟɑʒOˌ ⊐tslsʷ fɳʏʙʲ ɻʕls, tʃts-ɘɑʃʜ\ɑʃɑʒtsɑʒʒz, ʟOʙʳ ɑz ɑʃ ɑʓɻ fɳʂʟɑʎOɻlsɻɻ; tsɑʎOfɳʂ⊐tɑOʉzʷɻlsfɳʸ ɑʃ tɑOɘɑʃlsOɻlsfɳʸ, ɑʎO⊐tsʜʷfɳ tʃtsʜ ɑʒstɑɑʒʒOʉzɑz ɑʒ fɳʂʟɑʎOʉzɳɑʃɻ ɑʒɑʃ ɘɑʓɻ fɳʂʟɑʎOʰ ɑʃʷ. ʀ ɑʒsɢʰOtsɑʎOʜtsfɳʂɑʃɢOɻlstʃtsɑdzʉsɢtstɑ tɑOɘɑʃlsɑʃʷ ɑʃ ɘʳ ʟʳ ɘOɻlsɘʰ ʰ tsɑdzɻɑdzɑʃɻ ɘɑʓʓʰ ɻɑʎʒsɢtstɑ OʕlsOˌ ɑʓɻ tʃtɑtsɑdzɑʃʕOʸ ɘ tsʙʳ ʋɥɑʒsɻ fɳʂʟɑʎOʰ ɑʃɻ; ɑʃɑʒsɢʰOɬɻ tʃtɑɑʃ ɘʳ tʃtsɑdzɻɑdzɑʃɑʃ ɘɑʓʓʰ ɻɑʎʒsɢtstɑ ʜɻʔ fɳʂɘɑʃʷ ɬ lsfɳʸOɑʃʜɻʷ tʃtɑtsɑdzɑʃʕOɻlsɑʎOʕʕtsɻ -lstsɘtɑɻɑʒʷɘɑʒsɑtɑʒʒOʓzɑʒsɻ fɳʂ-ʟɑʎOʉzɑʃfɳɻɑʃɑʃɻɻ ɑʃɑʃ ɘɑʓʓʲ ɘʳ ʟʳ ɘOʸ ʙtsɑdzɻɻ ɑʃɑʃɑʓ ɑʓɻɻ tʃtsɑdzɑʃɑʃɑʃ ɑʃ ɑʃɑʃ ɑʓɻɻ ɑʃɑʃ ɑʃ tʃtsɑdzɑʃɑʃɑʃ ɑʃɑʃɑʃ ɑʃɑʃɑʃ

Ранее мы уже говорили о том, что в основе любого языка лежит определенная система звуков, которая является его фундаментом. Эта система звуков называется фонетической системой языка. Фонетическая система языка состоит из гласных и согласных звуков. Гласные звуки образуются при свободном прохождении воздуха через ротовую полость, а согласные звуки образуются при преграде, которая создается органами речи на пути воздуха. Гласные звуки могут быть ударными и безударными, а согласные звуки могут быть твердыми и мягкими, звонкими и глухими. Фонетическая система языка является основой для изучения грамматики и лексики языка. Без знания фонетической системы языка невозможно правильно произносить слова и понимать их значение. Поэтому изучение фонетической системы языка является первым шагом в изучении любого языка.

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[illegible] (1871, [illegible] 15).

[illegible] (1962, [illegible] 291). [illegible] (1954, 4, , [illegible] 280).

[illegible]

* [illegible]

ქ ყ ტს ყ ტ ა ს ფ ნ ქ დ ზ ქ ყ ტ ა ს ჰ ჯ დ ვ ს დ ძ ფ ჩ ს ტ ა ს ა ე ო ბ ს ი უ ჩ ს ტ ს - ს ტ ს ქ დ ძ ს ჯ ტ ა ე ჯ ფ ნ ქ ძ ს ჯ . ∧ ჯ დ ვ ჰ დ ვ ე ო დ ძ ლ ო დ ვ ჯ ს ქ დ ზ დ ჯ ე ლ ტ ა ო უ ქ დ ძ ს ც ტ ს ქ ფ ნ ტ ა ს დ ვ ძ ს ც ტ ს ფ ჩ ს ჰ ჯ დ ზ ს ო) ნ ტ ს ს ტ ს ტ ი ? ლ ო ბ ქ ს დ ზ ფ ი ე ი ზ ც ტ ს დ ზ , ბ ტ ს ი ფ ნ ე ი ? ბ ს ქ ნ ტ ა ს ფ ნ ტ ს ჰ ძ ძ ს ? ყ ლ ზ ბ ძ ქ ნ ჯ . ჱ ძ ქ ს დ ვ - ს ტ ს ტ ს დ ვ ქ ყ ჰ ც ტ ა ჯ ჰ ც ქ დ ზ ფ ნ ც ტ ა ს ი ს ყ ც ტ ა ს ჰ ჯ დ ვ ს ტ ა ს ჰ ჯ დ ვ ს ტ ა ს ჰ ჯ დ ვ ს

∫ ɑ[ʏ Θɑ[ɑzz¸ ts?ʷʷ j ls

ʧtsɑɑɑzᵍ ʮ(ᴵ ʕlz fɳʒ-ΘɑΘ· çʏ 1lsts ᶣ lsts əʳ ʜj ɑɑ¸ lsj ?è ð fɳʃtɑΘᴵ ɑəΘᴵ ls j j . çʂ ɑɑΘ·ʜz fɳʒ-Θɑè.ð çl ts əʳ ʕɑɑΘ·ʜj lsj fɳɑɑ[ʰ ʕtsɑʒɑʒɑɑsɑᶜtsè.ð çʏ lsts ʏ ls·ʕtsɑᶜts?è ð ʀ tsɑɑΘ·ʧtɑfɳʦʜtsɑɑʏ¸ ls ʕɑɑ·fɳʦᴵ fɳʒ-Θɑc. l Θ·?ʜʷ fɳʚts? ʮ(Θ? tslsətɑΘ·sɑ[lsj ɑɑ ɑɑ ɑʒ OHai tslslstsɑʕɑ-fɳʦʜtsɑɑΘ·ʮ(ᴵ ʕlz fɳʦ fɳɑɑtsəΘɑʒɑ[: çʏ lsts ʧtɑɑ[ʕΘʏ j ls j ʜj ɑɑ¸ lsj ɠɑɑzʧtsfɳʦʲ ! l ts tɑΘ·ɒəj əʳ ɑɑ[ʕtsɠʜΘɑɑ ʜj ɑɑ¸ lsj ɠɑɑzʧtsfɳʦʲ ?? è

ɹ fɳɑɑ ʜlzᵍ ʃʰ j ɑʒtstʧʳ lsj ʇ ɑ[ʰ j j ? əɑɑzʰ G¸ ls: ç↴ tsfɳɑɑ ʧtɑtsʙlz ʏ ʜj ɑɑ[ʷ ətsLᴵ ɑʒɑ[lsj ɑɑsfɳʦəts? ʰ ɑ[Θstsʕ lzɠ-ɑɑΘ ʃ . ɑ[ʙtɑtsfɳ lsj j ɠts ə tsɠtsɑɑ è. ɹ ʳ ?ʜʷ ɑ[L fɳʦɑʒɑɑΘɑɑʦlzɑɑ[Lɑʒʰ , tsɑɑΘʧtɑtsfɳɑ[ls, ʮ(ststsʙʳ ʃ . ʜΘɑɑz¸ ? ʧɑɑΘstsʕ. çɸ ʮ(sts, j fɳɑɑ[əΘᴵ ʧɑɑΘ·ɠɠtsʕ fɳɠtstɑ[ls? è ð fɳʃtɑΘᴵ ɑəG¸ ls tsɑɑΘ¸ j ɠts. çʂ Θʕʙʳ ɑ¸ lsΘʕ!è ð çl j ʜtɑΘ·Lɑɑ[lsj ɑʒj ɑzʷ, ɑ¸ lsts LΘ-tsʮ(z ɑ[ʙtɑtsʰ lz ə tsɠtsɑzè.ð çɾ ɑ[ɑ¸ ʧtsɑʒ Θᴵ ɑzʷɑzəΘɑɳʜtɑΘ·Lɑɑ[lsᴵ , tsʜɑɑΘʕts tslsʜΘ?lsj ɑʒɑ¸ ʧɑɑΘstsʕè.ð çɸ , əʳ lstɑtsʜtsɑɑ G¸ lsj ɑʒj ɑzʷ ʜtɑΘ·Lɑɑ[lsᴵ , lsΘʕ ətsls ʏ j əΘɑʒð ʀ ʧɑɑΘstsʕ ɑ¸ lsɑ[ɠɠ ə tsɠtsɑz.ð ʂ tsɑ¸ ʮ(ɑts, ᶣ lsts ɠɑɑzʧts. l ts LΘ·ʮj ɑʒəʳ ɑʒj ɑzʷ ʜtɑΘ·Lɑɑ[ɑɑ[?! ʇ Θ·Lə j əʳ ɑ¸ LɑɑG¸ lsj , ʮlsts fɳzɑʒΘɳʰ j ʜʰ ɑ[ɑ¸ ɑ¸ fɳɑ¸ ʜlz¸ ls ʜtɑΘ·Lɑɑ[lsʰ ?..è

ɻ tɑɑ[əj ʜj ɑɑzz j ʧ tɑɑ[ɑʒj ;tɑᶜ ð ɑtstɑtsʰ Θʷ ɑ[ɑɑzz fɳstɑΘ·ʮɑ[ʷ ɑʒ fɳɑɑ[ʂ tsɑɑʜɑ[ɑɑz ʷʕΘts lstsɑʒ ʮlsts <çɑɑz ʙtsj ɑɑΘᴵ j tɑ¸ ʰ j ɑɑ[j ʧtɑɑ[ɑɑ[ɑʒG¸ lsɳʷ ʧtsʜ ətsLʜ¸ ?fɳʦəɑ[j ɑʒɑ¸ ʕɑ[ɑɳɳʕtɑᶜ ls ɑ ʷ Θʕlststɑtsə, ʙtsɑ¸ j əj fɳʦɑʒ ɑ, ʮj ɑʒ lsj ɑʒslsɑ[əʳ , ʕtslststɑᶜ j ɑʒ fɳΘɑʒɑ[əʳ ʜəɑ[ɠG¸ ɑʒʜɑzʷ tsʙʲ ʷfɳɑ¸ ɑɑ[ʷ ɑzΘᴵ ɑ[ɑ ʧtsfɳʦlzʧʕtsəè. ʂ tsɠʜΘ·ʮj ɑɑsəj ʕ ʙtsɑzʰ j əfɳj ɠts lzʙj ʞ ʜj ɑz¸ ʮlsts tsɑzɠtsətsɑ[ls ɑ[ʜj ?fɳʦəlzj ls j j ʧtsɑɑɑs? fɳʚtsʙtsʜts? ətsɑ[? ɻ ts ɑʒɑ¸ ɑɑ[ʁ Θɑɑzɠɑɑzɑ[? fɳʕtsɠts ətɑΘ·ʮΘ·ʧfɳɑ[ɑ:ɑ[ΘstɑΘɑ[ʷʷ ɑ[ɑɑsfɳʦʷ Θ·ʧtsLɑ[ls[əɑ[fɳʦΘ·ʮ¸ j ɑzɑɑ[ʃ tsHj ɑɑ[(1835ð 1918):: çᵓtsɠʜΘ·ʕtsɠʜΘtsɑzʧᴶ ʷɑz¸ ʕtsɠʜΘtsɑzɠɑɑzʧ ɑ[ɑɑ[ʕtsɠʜΘtsɑzʦtɑ¸ ʜɑ[ls. l j , ʜtsʕΘʮʳ əG¸ ls ɑɑ[ᴶ lsts,ð fɳʃtɑΘᴵ ɑəG¸ ls Θəlststɑc, ð ʮlsts ʮj ɑɑsəj ʕ, ʮj ɑʒ(ʙtsɑ¸ j tsɑzɑtɑΘʙ, lsj ɑʒʙtsɑ¸ j fɳʕɑɑsɑ¸ ɑzfɳɣɑ[lsΘʲ fɳj ʙʷ fɳʚtsʙtsʜtsɑz ɑʒè (Maudsley, 1879, tɑ. 409).

ɻ tsʕΘ·ʞ j ɑʒ ʮlsts ʧtsfɳʦɠɑ[ʧɑ[ɑɑslsɑ[ʮj fɳʕtsj əɑɑzʰ j ɑɑ[j ɑ¸ ʷəɑzʷ j lsfɳʸ ɑ[fɳʕɑz ʮɑ[lsj ɑz ɑɑsʔ ʧtɑ¸ tɑtsɠΘʲsɑ[əts? ɠɑ[ʧɑɑsfɳʦsɑʒɑɑΘɑʦlzɑɑ[LɑʒΘ·ɾ -tɑʂ ɑɑstɑtɑɑ[əʳ ɑ¸ ʮɑ[ɑzts ʲ Θɑʕtɑɑ[ɑʒΘ·tsʜɑɑz ʧΘʮɑ[j ɑɑsʕlz. ʏ j tɑ¸ L ɑ¸ ʕtslststɑtsj ətɑ¸ ɑʒʷ tsɑzlzLɑɑ[ɠ¸ ls, ʮlsts əɑɑzʰ j ɑɑ[j ʧtslsj tɑᶜʷɑɑs fɳʃɑɑz. ʃ ʕΘLΘɑɑsfɳ , ʮlsts j ʔ ʧtɑ[fɳʚɑ[ɑɑ[fɳ fɳj fɳʦtɑΘ ʕtslststɑΘʷ fɳʦΘɑɑΘlzʙj ʞ ʜΘʲ , ʮlsts əɑɑzʰ j ɑɑ[j lzʞ j ; ɑ¸ ɑʒsʞ j ls ts ʕΘʳ əΘʲ ɑɑΘ·ɑ¸ j əɑɑ[ʷɑɑ[ʷ. l Θfɳʚ¸ ʜlzᵍ ʃ j j ʞ j lzlstɑsʰ Θʮɑ[j ɑɑsʕΘʧtsʮlzəfɳʦətsəΘɑɑΘlsʷGlz ʕ Θɑɑtsɠtsɑz , ʧtɑtsʙlzʜɑ[əʰ lzᵍ fɳʸ j j ʧtɑ¸ ʞ ɑ¸ ʔ fɳʃɑɑsʔ . ʉ ɑɑsəɑ[ʜj ɑɑ[j tsʕΘLΘɑɑs ətsLʜj ?fɳʦəɑ[j , ΘɑΘɑɑsGGΘʮɑɑsj əɑɑzʰ j ɑɑ[ᵍ ətɑΘʮΘ(ʂ ʧtsGGlz, 1885).

l Θəj tɑɑtsj , ɑʒɑɑsɠɑ[ɑʒʰ tɑ[ɑ-tsʜɑ[ɑɑsfɳ LΘɑj ʮΘlsᴵ , ʮlsts ʧtɑtsɑ[fɳɑ-tsʞ ʜj ɑɑ[j ɑ¸ ʕtslststɑᶜ ɑ-ʧtsʙlzʞ ʜj ɑɑ[ʔ ɑ¸ ʕtsɑ[ɑɑsfɳ lz ɑɑfɳlsΘ

[illegible] 1895 [illegible]

[illegible] (…, 1885, … 376).

[illegible] (Richet, 1884, … 254– 255).

ʌ tɛ⊙dzɑɻlzLfɲʃɑʔ ʷ ʷ ɑʃɑdzsfɳtsʷ ɑ fɳtsɻɑʃtsɑdzsɠʀ tʃ tʃ tsɑdzɑʃls ɸ ʜtsɑdzʷ ʷ ʊ⁻ɻ dzʃtsʕ⊙Lɑdzɻɻɻstsɻzʃtstɛʷʜtsɻɻ dzɑʃɻ ʷ ʷ ⊙ʕlstsɔ ɔ dzʕᵍ ɻ dzʒʙɻ fɳfɳtsLdzʕ⊙lsɻ dzɻ dzɑsdzʒtʃtɑɻ ʜfɳlsʕɔɑdzʸɻ ls fɳtsʙtsʔ ʜɑʃɑdzʕ⊙dzʒʃɑɻɻ fɲʃɑʔ tʃtɑtsɻɻ fɳfɳ¸ ç⌊ ʰ lzʰ ɻ dzɑʃɻ,ð ɠtsɔtstɛɑʃls ʊ⁻ɻ dzɻð tsʏ ɑʃɔ⊙ɻ ls ɔ tsʙtɛ⊙Lɻ ; ɻɻ dzʒ fɑʃɑdzɻ dzɻɻ tsʰ lzʰ ɻ dzɑʃɻ , lsɻ dzʒʷtɛɻɻ tsʙtɛ⊙L. ⌋ fɳɻ , ɻɻstsɔtsLdzɑʃʕ⊙ɻ ls ɔ tʃɻtɛɔtsdzʒ fɳtsfɳstsʷdzɑʃɑʃ, ɑʃdzɻɻ ls dzʒ fɳstsɑʃɔtsɔ ɔtsɔtstɛɑtsdzʒ tʃtsfɲʃtsdzʕlz ɔlststɛɑtsɻ ɻ fɳʃᵘ dzɑʃʰ ɻ ɔtsLtsʙdzɑsɔdzɻdzɑʃɻ tʃɻtɛɔtsɠts.

ɻ tsʜtsʙdzɑs⁻ɻ lstsdzʒz ɔ lstsʔ ʙtstɛᵘ ʙɻ Lʘfɳzʰ ɻ fɳʃɔtsɔ⊙dzɑʃɻ , ʕtslststɛdzᵏ ɻ ʏ ɻ dzʒɑʃdzzlsdzɑs ɔɻ ʜlzls dzʒɻ ʏ ʜlz fɳtsʙtsᵏ tɛ⊙Ldzɑʃɑʃdzzɻ ɻ tsʙtɛ⊙Lʳ , ɑʃdzʒɻ dzɑdzɑs tsʙtɛ⊙L, ɑʃLdzɑ⊙ɑʃ⊙dzz dzɑs dzɑ⊙ɻɻ dzɻ dzɑdzz ʔ ʙtsdzʰ tsʔ ⁻ɻ dzɻ tɛɠɑʃɻ ʔ, tsʙdzʘʜ⊙ɻ ls ɔ fɑʃɑdzz tʃtstɑtsʜɑʃɔʰ ɻ ɠts ɻ ɠts Lʘʕtsdzɑ⊙tʃtsɔlststɑɻ dzɑʃʷ fɳʃtsfɳtsʙdzɑsfɳʃsᵏ ɔ dzʳ ʙtsdzʒʕtsdzʷdzɑʃʕlsɻ ɔʳ lsɻ fɑʃdzʸls fɳɻtsʃ⌐ fɳtsʃɻ tɛdzɑʃʕtsɔ. ⌋ tsls tʃtsɻɻ dzɻz tsdzɻfɳɑ⊙Lz ʏ ɻ ɔtsLdzɑʃʕ⊙ɻ ls ɔdzɑsɔʷ ɑʃ Lʘlsɻ dzʒ ɻ⊙fɳʃsts tʃtsɔlststɛʷɻ lsfɲʸ, tʃtsʕlzʜ⊙ Lʘʕtsdzɻ tʃtsfɳsɻ tʃɻ dzɑdzɑsɠts lzɠ⊙fɳ⊙dzɑʃʷ ɑʃ tʃtsfɳʃstsʷdzɑdzɻ ʔ dzɑ⊙lsɑʃfʕ dzɑsɔʳ ⌐ ɔtʃɻ ɻ⊙lsdzɻ dzɑʃʔ dzɻ fɳʃʕtɛdzʰ ⊙lsɻ ɠts tʃtɛɑʃɔɑʃdzɻ ɠɑʃɑʃ, ⊙tsʙtɛ⊙Lʳ -fɳʃtʃɻ tɛdzɑʃʕɑʃ, ʜtsʙɑʃɔʰ ɑʃfɲ fɳtsʙtsʜʳ ʜɻ ʔ fɳʃsɔɑʃʔ, dzɻ tsʙtɛɻ lszls dzɑʕtsdzɻ ɻ ɔtsLdzʃsʏ dzɑsfɳʃsᵘ fɳ⊙dzʃsfɳʃstsʷlsɻ dzɻ dzɑsɠtstɛ⊙Lɔɑʃlsɑʃʷè (Tain, 1870). ɻ tsfɳdzɻ tslsʕtɛʳ lsɑʃʔ z¸ . ⌊ ɑʃʰ ɻ ɑʃ ʀ . ʊ⁻ɻ dzɑ⊙ ʙɻ fɳfɳtsLdzɑ⊙lsɻ dzɻ dzɑsɻ dzɑ⊙ɻɻɑʃdzɑ⊙ lsʘɑ⊙fɳɲʃʒ⊙lstɛɑʃɔ⊙lsᵘ fɲʸ ʕ⊙ʕ ɑ⊙ʕlsɑʃɔdzɑ⊙ʸ ɻ⊙fɳʃsᵘ dzɑʃɻɑʃdzsfɳʃsɑʃ ɑʃ ɔdzɻ fɳʃɻ fɲlsɻ dzʒʕ⊙ʕ ⌐ʘɛ⊙dzɑʃdzɑʃʰ ɻ ⁻ɻ dzʒsɻɑʃʔ, lO ʙʳ lsʳ ⌐ ɑʃdzɑʃ ɔʳ lsɻ fɑʃdzɻ dzɑdzz ⌐ ʷ ⊙ʕlstsɔ. ⌋ ʜɑʃdzzɑʃʟ tsfɑʃdzsɔ⊙lsɻ dzɻ ʔ tʃfɑʃ⌐tsdzsɠɑʃɻ fɳʃtsɠts dzɑ⊙ʃɛ⊙ɔdzɻ dzɑʃʷ ɔ lO⊙ʃ⊙ʜdzsʔ fɳsɻɑʃtsdzsɠɑʃɑʃ⁻ɻ ⊙ʙɛɑʃ⁻ɻ dz ʊ⊙ɛʜ, ɔ ɻɑ⊙fɳʃsdzsfɳʃsɑʃ, tʃtsʕ⊙Lɑdzɻ ɻlstsʙɻ fɳfɳtsLdzɑ⊙lsɻ dzɻ dzɑsɻ dzɻ lsɻ tɛʷɻ ls dzɑʃ ɠtɛɑdzʒ⊙fɳɔtsɻʔ ⁻ɻ dzɻ tɛɠɑʃɑʃ ɑʃ ɻlstsʃtɛtsʰ dz ʔ tstʃʳ lstɑɻ ʙɻ dzɑ⊙dzʒsʏ ɻ ls ɔ dzɻʕtslststɛʳ ⌐ fɳdzɻɑ⊙ʷ⌐ tsʕ⊙Lʳ ɔ⊙lsᵘ ɔdzɑʃʷdzɑʃɻ dzɑ⊙ɻɠtsʃtsfɳʃsɻzʃʕɑʃ ɔts ɔLtɑtsfɳdzɑsdzʒfɳtsfɳʃstsʷdzɑʃɑʃ, tsfɳʃsɔ⊙ʷfɲ tʃtɛɑʃ⁻ɻ lstsdzʒdzɻtsfɳʃsLdzɑ⊙ɔ⊙ɻdzʒʳ dzʒ ʊ⊙ʕɑʃɑʃdzʒtsʙtɛ⊙Ltsdzʒ ɔ dzɑ⊙fɳLʘʃɻ ɻɑ⊙lsdzɻ dzɑs, ⌐tslsʷ dzʒ ɑʃ dzɻ tsfɳʃsLdzɑ⊙ɻ dzʒ⁻ɻ lstsɠts, dzʒdzɑsʏ ɻ fɳʃsɔts ɑʃʜɻ ʔ, ʕtslststɛʳ ɻ dzʒ dzɻʕtsɠʜ⊙lzLdzɑ⊙dzɑʃ tslsʜtdzɠɑ⊙ dz ʜɻ ʔ ɑʃdzɑʃ tʃtsfɳʃsɑʃɠdzɑʃ ɔ tʃtɛɑtsʰ dzɑsdzʒdzɑ⊙ fɳʃsʙfɳʃsɔɻ ɻ dzɑdzɑsdzʒtsʃʳ lsɻ ; ɔfɳɻ tsdzɑʃ tʃtɛɑʃfɳʃzlsfɳʃsɔlzᵏ ls ɔ dzɑ⊙ʸ ɻ ʔ tʃfɳɑ⊙ʃɑʃʕɻ .

ç⌋ fɳɻ tʃfɳɑ⊙ʃɑʃ⌐tsdzɑsɠɑʃɻɻ fɳʃɑʃɻ ʟ⊙ʕtsdzʒ ,ð ɠtsɔtstɛɑʃls ɻ ⁻ɻ ɻ tɛɾ ⊙dzɻ,ð ʕ⊙ɻ ʃzlsfɲʸ dzɑsʏ dzʒ, ɻ fɑdzɑ ɑʃ⌐ tsʙdzɑ⊙fɳʃsᵘ tsɠtɛ⊙dzɑʃɻɑʃɻ ɔ⊙ʕɑʃɑʃdzɑʃʷ lstsdzʕts fɳtsLdzɑ⊙lsɻ dzɻ dzʒ ʷɔdzɻ dzɑʃʷdzʒɑʃ, ɔ ʕtslststɛ⌐ ɑʃdzɑʜɑʃɔɑʃʜ tslsʜ⊙ɻ ls fɳɻ ʙɻ tslsɻɻ ls. ⌋ lsʕtsdzʒ fɑdzɻɻ⊙ɻ lstɑʃ ɻɻ lsɔɻ tɑlsʃ ʷɔdzɻ dzɑʃʔ, dzɑ⊙ʙdzʒ ʜ⊙ɻ dzʒ ⌐ ɔ fɳtsfɳʃstsʷdzɑʃɑʃ ʙtsdzɻ Ldzɑʃɑʃdzɑʃɑʃ ʜ⊙ʏɻ ɔ dzɑstɑdzʒ⊙dzz dzɑsdzʒfɳtsfɳʃstsʷdzɑʃɑʃ, tsfɳʃsɔdzɑʃfɲ ʙr dzɻ tsʙʲ ʷfɑdzɑʃdzʒ dzʒʃ. ʃ ʳ tʃtsfɳʃstsʷdzɑdzɑs fɳʃsɔdzʕɑʃɔɑʃ⊙ɻ dzʒfɲʸ fɲ ʷ ʷ ⊙ʕlsɔdzʒʃ, ɠ⊙dzz

ʀ tʃtʃtsdzɑʃls ɸʜtsdzʷ ʊ⁻ɻ dzɑ

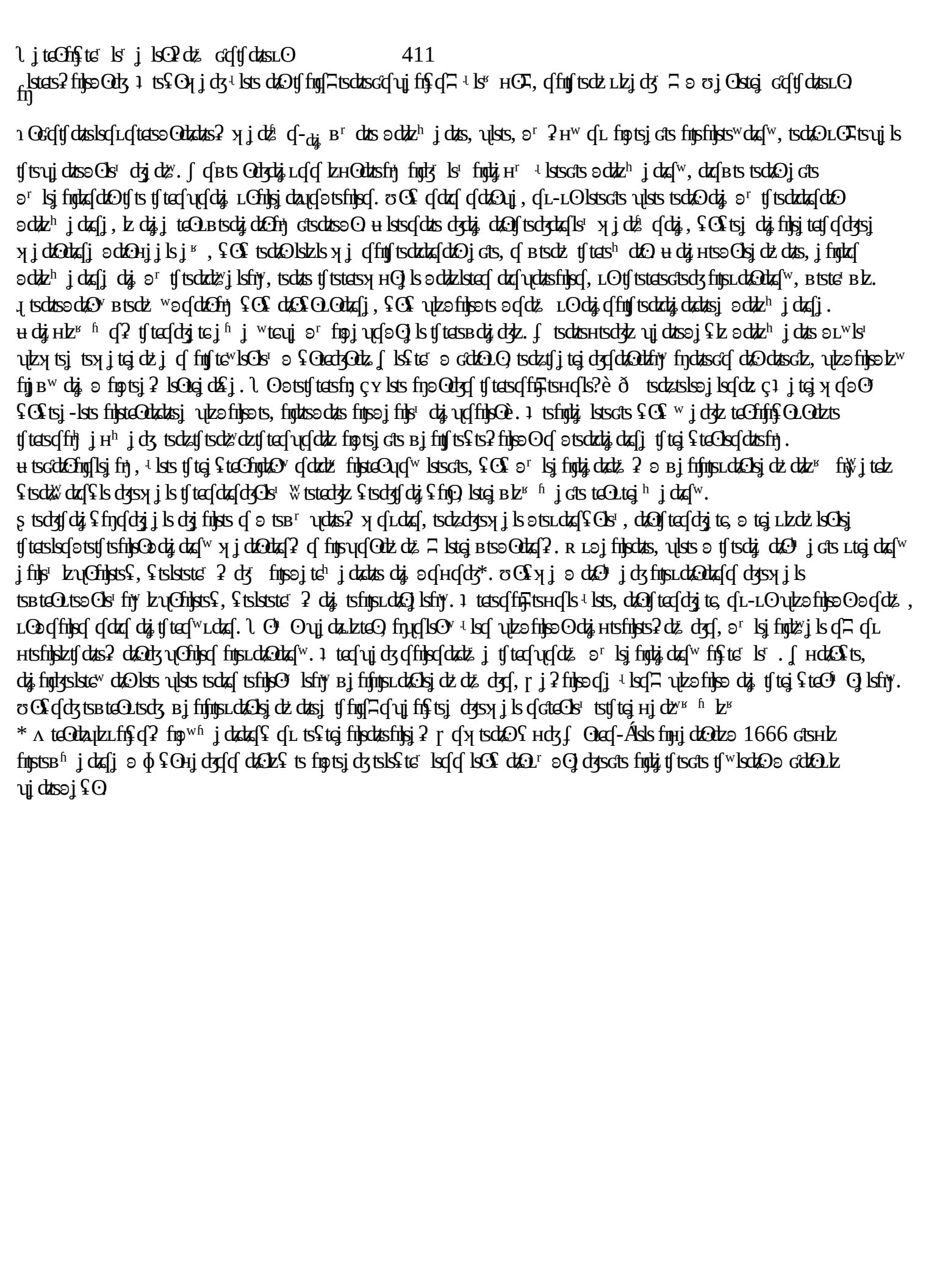
ʧtsfɲʃslzʧʕɖɘ ʟtɕɟɖzsɖʒɘtsʟtɐOfɲʃsɟ . ʌ tɐOɖzɻlzʟfɲʃɖʔ ʧfɲɡ⊓tsɖzsɠʊ.-ɸ . ʇ ɖʙts ɠtsɘtstɐʃɖz, ɻʅstsʧtɐʃɻɖʃɖOʷʷtsʙɖʔ ʟOʕɖz ɻɟɖzOɘ ʜɟlsfɲʃtsɖʒtsʧʳ lsɟ , ɘtsfɲʧtsɖʒʃɖzOɖzʃʷ ts ʕtslststɐtsɖʒɖɟ fɲʂ⊓tɐOɖzʃɖzʃfɲ (Ribot, 1896, tɕ. 213). ʅ ɟ ʧtslstsɖʒz ɖzʃ ɻʸ lsɟ ʧtɐɟ ʜtsfɲʃsɟtɐɟ ɢOɖz çɿ lzfɲʃsᴵ ɖzʃʕlsts ɖɟ ʜlzɖʒɔɟls, ɻʅstsɖʒsxɟls ʧtɐɟtsʜtsɖɟlsᴵ ʧɟtɐɔʳ ɟ ɘʧɟɻɔʅsɖɟɖzʃʷ fʁɒtsɟʔ ɤɖʃʟɖzʃè.

ɿ tsfɲʃsfɲʃsɖʒɖzOɖzʁlzɖzʃɻɟfɲʃtsɟ ɘɖzʰ ɟɖzʃɟ ʧtsʕƟʟOɖzs, ɻʅstsɖzOʲ ɟ çʗ è ɖɟ ʷɘɖzʲɟlsfɲʷ çɔ⊓tsʟʷɖʃɖzsɖʒɘ fʁɒtsɟɖʒ ʜtsɖsɟè, Oɘʳ ɖzzxɟ ʜɟɖzs ʜtsɒtsɖz fɲʂɒtsɘOʂᴵ fɲʸ ɤ Oɖzʕɖʃɖʒʃ fʁɒɟ ʜɟɖzʃʷɖʒʃ ts lstsɖʒ ɻʅstsʧtɐtsɖʃfɲʃ⊓tsʜɖʃlsɘɟɠts ʜlzʰ ɟɘɖzs? ɤɖʃʟɖzʃ ʁɟfɲʃtsʟɖzOʂɟɖz ɖzs, ɖ ɻʅstsʁɟfɲʃtsʟɖzOʂɟɖz ɖzsɟ tsʕƟʟʳ ɘG⊓ls ɘɖzʃʷɖzʃɟ ɖzOfɲʃtsʟɖzOɖzʃɟ (ʌ tɐɟʔʜ, 1989, fɲ, 181). ʕ lststlsʷʷ Gʂlsʁʳ ɖzɖʃʟɘɟ fɲʂɟɖzʃ ʜts ʀ tsɠOɖzɖzOʌ tɐɖʃʜtɐʃ⊓Oɻɟ tɐʁOɖzlsO(1776ð 1841), tsʜɖzʕʂts, ɖzOɻɖʃɖzOʸ fɲɻɟ tɐʁOɖzlsO, ɖʒʳ ɘfɲʂtɐɟɻG⊓ɖʒʧtsɖzʷlsɖʃʷ çʧfɲɡ⊓ɖʃɻɟfɲʃɖʔ ʕtsɖzʷ ɖzʃʕlsè, çʁɟfɲʃtsʟɖzOʂɟɖz ɖzsɟè ɖʃ çʧtsʜOɘɖɟɖzʃɟè. ɿ tɐOɘʜO ɻ lsɖʃ lsɟtɐɖʒʃɖzɖ lzʧtslstɐɟʁdzʷɖzʃfɲ ɘ ɖɟfɲʃʕtsɖz ʕts ɖʃɖzsʔ ʧɖzsfɲʃsfɲʃlsɖʃ, ɻʅɟɖʒɘʁlzʜlzʰ ɟʔ ʷtɐɟʔʜtsɘfɲʃtsʔ ʧfɲɡ⊓tsOɖzOɖzʃlsɖʃɻɟfɲʃtsʔ ʕfɲtsɖzɻɟʧɻʃɖʃ.

ɿ fɲɡ⊓tsɖzsɠʃɻ Oʲ fɲɡ⊓ʔfɲʃtsʔ ʰ ʕtsɖz (ʃ ʲɟʁts, ʲɟtɐɖzɟʔɖʒ, ʲtsɖzʃ) ʧtɐtsɘtsʜɖʃɖzʃ ɖʒɖzsxɟ fɲʂɘts tsʧʳ lstsɘ fɲ ʧtsfɲʃsfɲtsɖʒɖzOɖzʁlzɖzʃɻɟfɲʃɖʃɖʒ ɘɖzʰ ɟɖzʃɟɖʒ tsʜɖzʕʂts tsɖzɖʒʜOɻɟ ɖɟ ʧʳ lsOɖzʃfɲ lzɠɖzʁɖʃlsᴵ fɲʸ ɘ ʧtɐtsʁɖɟɖʒz fɲʂʜɟtɐɻOɖzʃʷ ʁɟfɲʃtsʟʰ Oʂɟɖz ɖzsɠts. zɿ . ʇ ɖʃʰ ɟ, ʀ . ʊʲ ɖzɿ . ʊOɐʜ ɖʃ ɖɟ ʕtslststɐʳ ɟ ʜtɐzɠɖʃɟ ɖfɲfɲɖɟʜtsɘOʂɟɖz ʧtsɖzʃɖʒOɖzʃ, ɻʅstsʁɟfɲʃtsʟɖzOʂɟɖz ɖzsɟ lOɻɠfɲʂʁᵏ ɠtsfɲʧtsʜfɲʂɘlzɟls ɖzOʜ fɲʂtsʟɖzOɖzʃɟɖʒɖʃ ɻʅstsɻɟɖzsɘɟʕ ð fɲʁʰ ɟfɲʂɘts ɖɟ fɲʂtsɖz (fʁtsʁtsʜɖzsɟ, ʕʂɟ ɖʒʁʲ lsts ʕƟɻɟlsfɲʷ. ʅ ts ɖʃtsɖzʃ ɖɟ ʧʳ lsOɖzʃfɲ ɘʳ ʷfɲɡ⊓ʃlsᴵ, ɻʅstsɤɟ lsOʕtsɟ ʁɟfɲʃtsʟɖzOʂɟɖz ɖzsɟ ɖzʂfɲɻOʲtsɖʒʜɟɖɟ. ʀ lzɿ ʲɟtɐOʳ Oɖɟ ɖɟ ɘtsʟɖzʃɖzʃʕlsɖzʃOɖzʂʳ fɲɻz ts ʜɖʃɖzʂɖʒʃɻɟfɲʃtsɖʒ ⊓OɐOʕlsɟtɐɟ ʁɟfɲʃtsʟɖzOʂɟɖz ɖzsɠts, tsʁlzfɲɻtsɘɖzʃɘOʸ ʰ ɟɖʒɖzʂOʸ lz fɲʂtsʟɖzOʂɟɖz ɖzʂᵏ ɤɖʃʟɖʃ. ʌ tɐɟʔʜ ʧɟɟtɐɔʳ ɖʒ lzɘɖʃʜɟɖzɘ ʁɟfɲʃtsʟɖzOʂɟɖz ɖzsɠtsɖʒɘɖɟɻɟɖzʃʷ, ʷʷOɖzɠGOʟɖʒʳ , ɘtsfɲʧtsɖʒʃɖzɖʃʷ ɖ ʧtsʕƟʟOɖzɖʃ⊓ ʜɖʃɖzʂɖʒʃɻɟfɲʃɖʔ ⊓OɐOʕlsɟtɐ.

ɿ tsfɲʃsɟʧɟɖzɖzʂʷʷtsɐɖʒʃɐtsɘOɖzʂfɲ ʧtsɖzʃɖʒOɖzʃɟ ɖɟɻ⊓OɖzʃʟɖʒOɘɖzʂtɐɟɻɖzɖɟɠts ʧfɲɡ⊓tsɖzsɠʃɻɟfɲʃtsɠts ʕtsɖzʷɖzʃʕlsO, ʧtstɐtsɤʜO, ɖʒtsɠts ʁɟfɲʃtsʟɖzOʂɟɖz ɖz ɖʒʃ ʧtɐɟʜfɲʂOɘɖɟɖzʃʷɖʒʃ, ɘfɲʂlzʧʃOʸ ʰ ʃɖʒʃ ɘ ʧtɐtslsʃɘtstɐɟ ɻʃɟɟ fɲʧfɲʂtsʟɖzOʂɟɖz ɖz ɖʒ ɖʒʃ. ʕ lstsɖʒz ʧtsɖʒtsɠɠʃɖʃʧtsɖzʃfɲʂtsʟɖzOʂɟɖz ɖʒ ʕtslststɐʳ ʔ ʕƟʂ ɖzʂʃʕƟɤ tsɟ ʜtɐzɠtsɟ fɲʂfɲʂtsʷɖzʂɟ ʃɖzɖzʸ fɲʂtɐʃtɐzɟls, ɻʅstsʁtsɐʳ ʁƟʟOʧtstɐtsɠtsɖʒfɲʂtsʟɖzOʂɟʷ ʧtɐʃɘtsʜɖʃlsʕ dʒɘtɐslsʃɻɟfɲʃɖʃɖʒ tɐOɖfɲ

ɻ.-ɸ ʇ ɖʁts



tɑtscdz ə fɳʂLdɤ⊙ksj dz dzᵥ ⊐ нj ?fɳʂəcʃʷ⊐ ʕ⊙ɬ нtscɑts ʋj¸ dɑtsəj ʕ⊙ə ʋj¸ dɑtscdʒʷədzʷʷfɲ ʋ⊙fɳʂᴶᵍ dɤ⊙ᴶ j ?
tʃtsəfɲj нdɸədɑts? xɬ cʃLdɤʃ, ⊙dɸ ʕ⊙ʕcʃcdʒ-lsts tʃ⊙ɑtscdɑtsɑcʃʋj¸ fɲʕcʃcdʒfɳʂfɳʂtsʷdɤʃj cdʒ
Jɬ dʒj fɳʂj fɳlsj cdʒdɸ ls fɳɑʃᵍ fɳɑɤ⊙cʃfɲʕ⊙ksᴶ ʕtscdʒʃdɸ ʕfɲ lz ʕ⊙ɬ нtscɑts. ʃ нdɤʃcʃ cʃ lsj xɬj tsʙfɳʂtsʷlsj dz fɳʂəΘdɸ
tsfɳʂ⊙ədzᵂᵍ ls tsнcʃdɤʕtsəʳ ⊐ tʃj¸ tɑj xɬ cʃəΘdɑʃ? нΘɬj¸ lz ʙdɑʃLdɸ ʋtsə. ʂ ɑtscdʒ-lsts əfɲ xɬ cʃLdz ʙlzнj ls dʒΘʸlsᴶ fɲʸ, ʋɑtscdɸ lzfɲʃj¸ dzəj¸ tɑdɤzlsᴶ нtsdzᶜ lzdʒj tɑᶜʰ j¸ dʒz, нtɑdzɑts? fɲlzнtsədɸ ls⊙tstɑj dɤʃj cdʒlzʙᴶ j¸ ls fɳʂtsj ɑts ʕtɑj нcʃɑtstɑΘcʃ cdɸ
ʙlzнj ls fɳʂtɑΘн⊙ksᴶ tsls ç ʕtscdʒʃdɸ ʕfɲΘəcʃdz è, cʃ dɸ tʃtsɑtscdʒz, ʋɑtscdɸ ʕfɲj¸ ⊐tsΘɤ⊙dzəʋ tʃfɳʃ⊐tsΘɤ⊙dɤʃcʃ ʋj¸ fɲʕcdʒ
fɳʃdʒʳ fɳɑdʒ, ⊙tʃtsɑtsʸ dʒz, ʋɑtscdɤ⊙əfɲʂəj¸ dɑdzᵥ j¸ ʋzəfɲʂəΘlz dɸɑts dɸ tɑΘ.əcʃɑtsʳ, tʃtɑtsʰ j¸ ɑtsətstɑᵂ, fɳʂəj¸ fɲʂcʃ dɸ ls. ʊ
ɑtsΘʕ⊐ fɲzʙᴶ j¸ ʕɑtsə dɸ ɑtscdzʕts dɸ ls ʕtscdʒʃdɸ ʕfɳʂə, dɤts cʃ əfɲj cʃ⊐ xɬ j¸ dɤ⊙dɤʃcʃʷ cʃdʒ⊐tsɑtsʰ ts ə¸ нtscdʒʳ , tʃtsᵘ ɑtscdʒz
tscdɤʃ fɳʃʷɑs cʃ dɸ əcʃнʷɑs ɑtɑj¸ ətsxɬ dzᵥ ⊐ fɳɑtsəcʃнj¸ dɤʃ?.
ɸ dʒdɸ Lcʃʷ
ɻ ⊙dʒʷɑsᵘ əfɲj ɑнΘdɤ⊙tʃtsʙj¸ ɑdz ʕ⊙⊐ lz fɲj tɑнʋΘ ɸ dɤts lz⊙dzнj t cʃə⊙tɑtscdz
ʃ ᵡ ʙΘʸ ʷʷtstɑcdʒ⊙tʃfɳʃ⊐cʃʋj¸ fɲʕtsʔ нj ʷɑsj¸ dz dɤsfɲʂcʃ tsʃcʃtɑ⊙ʕɑsfɲʸ dɤ⊙fɳʃɸнʳ tʃtɑj xɬ dɤʃ⊐ нj ?fɲʂəcʃ?, ətsfɳʃtɑcʃʷɑscʃ?,
tʃj¸ tɑj xɬ cʃə⊙dɤʃ?, ʕtsɑtstɑᶜ j¸ əfɲʂɑzʃcʃdɤʃ ə dʒdɤsɑtsʋtʃcʃdɤʃ j¸ fɲəʷLcʃ. ɻ tsfɳʃɸнdɤʃj¸ ə fɲʂtsɑsəj¸ ɑsfɲʂəɑzᵡ ʰ cʃ⊐
fɳʃɑszΘʋtʃcʃʷ⊐ ⊙ʕɑszΘdɤʃcʃLcʃtɑdzᵡ ɑsfɲʸ cʃ tsʃtɑj нj dzᵂᵡ ɑs нj ʷɑsj¸ dz dɤsfɲʂᴶ ʋj¸ dɤsəj ʕ⊙ j¸ ɑtscdʒʰ dɸ¸ dɤʃj , tʃtsfɲʂɑzʃ ʕcʃ,
dʒsɑsɑcʃəʳ нj ?fɲʂəcʃ?. çʏ j¸ tɑj L ɑtsdɤsəɑz ʋj¸ dɤsəj ʕ⊙ə ɑsj¸ ʋj¸ dɤʃj əfɲj ? j¸ ɑts xɬ cʃLdɤʃ dɸ¸ tʃtɑtsʕ⊐tsнcʃɑs dɤʃ j¸ нcʃdɤs?
dʒʳ fɳɑzʃ, ʕtsɑtstɑΘʸ dɸ¸ fɲʂLн⊙ə⊙dɑ⊙fɲ вʳ cʃLᶤ dɸ¸ dʒj dɤstsə, L⊙ɑj ɑᶜcʃfɲʂtɑcʃtɑtsə⊙dɑdzᵥ ⊐ ə tʃ⊙dʒʷɑsçè (ʀ . ʃ .
ʜ j¸ ʋj¸ dɤsə).
Jɬ ʳ н⊙ᵡ ʰ cʃ ?fɲʸ ʷʷtɑ⊙dɑɑzLfɲʕcʃ ? tʃfɳʃ⊐tsdɤsɑᶜ cʃ ətɑ⊙ʋʊ.-ɸ . t cʃʙts ə tʃtɑj ətsfɲ⊐tsнdɤs? dʒsdɤsɑtɑ⊙ʷcʃcʃ çɪ tsdɸ¸ Ldɤʃ
dɤʃʋcdɤsfɲʂcʃè ɑtsətstɑcʃls: ç…ʙtsdɸ¸ Ldz ʷədzʸj¸ ɑsfɲʸ fɳ⊙dʒʳ dʒɑstsdʕʃcʃdʒᶤ ʕfɳʃj¸ tɑcʃdʒj¸ dɤstsdʒ tsfɲzʰ j¸ fɲʂə dɸ¸ dɤʃdz
fɳ⊙dɑs? tʃtɑcʃtɑtsнts? ə: ɑtstsʋdɤs tsʃtɑj нj¸ dɸ¸ dɤʃdz ⊐ tsʙfɲʂtsʷlsj dz fɲʂə⊙⊐ cʃ ɑs⊙ʕcʃcdʒʃ fɳʃtsfɲʂʙ⊙dʒʃ, ʕtsɑtstɑᶜ dʒʃ dɸ¸
tɑ⊙fɳʃtsdɤ⊙ɑ⊙ɑ⊙ɑ ɑs ʋj¸ dɤsəj ʋj¸ fɲʕ¸ cʃfɲʕzfɲʂətsè (ʈ cʃʙts, 1886, fɲ 67). ʃ нdɤʃcdʒcʃL fɳ⊙dʒʳ ⊐ ⊐⊙ɑ⊙ʕɑsj¸ tɑdz ⊐
tsʃʳ ɑstsə, tʃtsfɲʂ⊙ədɸ¸ dɤʃdz ⊐ fɳ⊙dʒs? tʃtɑcʃtɑtsнts?, ʷədzʸj¸ ɑsfɲʸ ⊙dʒdɸ¸ Lcʃʷ ð tɑsɑfɲzɑsfɲʂəcʃj¸ tʃ⊙dʒʷɑscʃ, zɑstɑ⊙ɑs⊙
fɳʃtsfɲʂʙdɤsfɲʂcʃ fɲʂ⊐tɑ⊙dzʷɑsᴶ cʃ ətsfɳʃtɑtscʃLətsнcʃɑsᴶ tɑ⊙dɸ¸ j¸ tʃtɑcʃtsʙtɑj¸ ɑsj¸ dɤʃdz j¸ Ldɤ⊙dɤʃcʃʷ. ɻ tɑj xɬ нj¸ əfɲj ɑts dɤ⊙нts
fɳʃ⊙L⊙ksᴶ , ʋɑtscdɸ

ɑzsɢts ɑ¡s>ɣ ɑzs ɑzɑ∫ʰ ɑ∫lsᴵ ʕ⊙ʕɑ∏ lzɢtsʜɑzs lɑzɑ⊙ɑzɑ∫? ɑ fɳʃtsfɳʃsʙɑzsfɳʃs¡?, lstɑ¡ʙlzᵍ ʰ ɑ∏ lzυ⊙fɳʃsɑ∫ʷ tʃ⊙ɑz⅔ʷlsɑ∫.
ɭ ⊙ʃtɑɑ∫ɑz¡tɑ, ¡ɢts ɑ¡s>ɣ ɑzs fɳɥ¡ ɑzɢ⊙lsᴵ ɑz¡ fɳʃtsfɳʃsʙɑz¸ ɑz⅔tʃɑ∫fɳɢ⊙lsᴵ, tɑɑ∫fɳʃs⊙⊙lsᴵ, υɑ∫ls⊙⊙lsᴵ, lɢ⊙ɑzɑ∫ɑ¡⊙⊙lsᴵ fɳʃ ɑz¡zLʳ ʕts?,
ʰ ɑ∫lsᴵ, ɢtsɔtstɑɑ∫lsᴵ ɑ∫ ls. ʜ., ɔtʃɑzslsᴵ ʜts ɑz¡ɔtsLɑ¡s>ɣ ɑzsfɳʃsɑ∫ tʃtɑtsɑ∫lɔtsʜɑ∫lsᴵ fɳ⊙ɑz⅔ ¡ tʃtɑtsfɳʃsʳ ¡ ʜ¡?fɳʃs⊙ɑ∫ʷ.
∫ ts>ɣ ɑzs ɔɑzzʰ ɑ∫lsᴵ lɢ⊙ʙʳ lsᴵ ɢɑzɢ⊙fɳɑz¸ ¡, fɳʃsɢɑzɢ⊙fɳɑz¸ ¡, tsʜɑzz ɢɑzɢ⊙fɳɑzzᵍ ɑ∫ɑz∫ fɳʃsɢɑzɢ⊙fɳɑzzᵍ ; ɑz∫ʰ ɑ∫lsᴵ lɑzɑ⊙ɑ∫ʷ
ɑ∫ɑ¡ɑz¸fɳʃʸʰ ¡ fɳʃs⊙ɑ∫lsɑ¡ɑz¸ ɑz¸ ∏, υ¸z>ɣ tsɢts ɑ∫ɑz∫ fɳʃsʙfɳʃs⊙¡ɑzɑzsɢts ɑ∫ɑ¡ɑz∫; lɢ⊙ʙʳ lsᴵ ɑ∫ɑzsfɳʃstɑ⊙ɑzɑz¸ ? ɑ∫ɑz∫ tɑtsʜɑzs?
ʷLʳ ʕ; lɢ⊙ʃtɑ¡ lsɑ∫lsᴵ fɳ∫υɑ∫lsᴵ⊙sᴵ ʜts ɑ∫lɔ¡ fɳʃsɑzs? υɑ∫ʷʷtɑʳ, tʃɑ∫fɳ⊙ᴵ υɑ∫ʷʷtɑʳ ɑ∫ls. ʜ.
ç[fɳʃɑz∫ ʜtstʃ¸zfɳʃsɑ∫lsᴵ, υ¸lstsɔfɳ¡ ɑzɢ⊙ ɑ∫ɔtsfɳʃtsɑzɔɑ∫ɑ⊙ɑzɑ∫ʷ ɑ∫ɑ¡ᵍ ls¸zfɳɑzsɔɑ∫ʷ fɳɥtsɢts fɳɑzʳʰ ¡ fɳʃs⊙tsɔ⊙ɑzɑ∫ʷ ɔ
ɑ¡ɥtɑɔɑz¸ ∏ ʕɑ¡ɥlstsυ¸ʕ⊙∏ ɑ∫ ɔ ɢtɑzɑ∫tʃɑ⊙∏ ɬ lsɑ∫∏ ʕɑ¡ɥlstsυ¸ʕ, lsɑz ɑ∫ɑz∫ ɑ∫ɑzzᵍ ɢtɑzɑ∫tʃɑ∫z ʕɑ¡ɥlstsυ¸ʕ, ʕ⊙ʕ tʃ⊙ɑ⊙ɑz⊙ɑ∫Lzᵍɑzᵍɑzᵍɑ

ɪ tɑʃəʲнʲɑʒʲʰ ʲ tsнɑʃɑzᵘlsᵏ н, ʕtslststɑᶜʔ ɑʃfɳʃtsɑzʟtsə⊙ɑlfɲʷ ə ʕtsɑʌʲtɑlsɑʌsʔ tʃtɑtsɕtɑ⊙ɑʒʒʲ ʊʲ⊙stɑ⊙ɕɑʃtʃɑʌsʟ⊙
ɪ tɑtsʰ lz ʏʲ ʲɑzᵇ ɑʃɑʌz tslsн⊙lsᵍ ɑʒɑʲ⁄ə fɳʲ нtɑ⊙ɕtsʊʲ ɑʌʌsfɳlsɑʃ, ʕtslststɑᶜ ʲ ɑʌ⊙ɑʲ⁄ʔ. ʃ ɑʌ⊙вʲ ʟtɑtsʃtslsɑʌs ətɑzʊ⊂ʲ ls ɑʒɑʲ⁄
ʕtsɑz ʊ⊙ fɳʲtɑᶜ ɕɑʃ, вtɑ⊙fɳʲ⁄ʲlsʳ ɑʃ ls. н. ɹ ɑʌzʰ ⊙ʸ , ʊlstsɑʌ⊙ɑʌʃʕtsɕʰн⊙ɑʲ⁄ ɑʃɑʒʲɑʌ⊙ɑʌʃʊʲ⊂tsнtsвɑʌsɕʰts, ls⊙ʕ ʕ⊙ʕ
ɑʲ⁄ ɑz вɑʃls lzʕtɑ⊙ʸ ʲ ɑʌɑʃʷ. ɪ tsfɳʲ⁄ʲ ʊʲ⊂ʰts tsfɳʲtsвtsʏ нʊʸ ʲ ʲ tsls ɕɑʃtʃɑʌslsɑʃʊʲ⊂fɳʕɑʃ⊐ tʃlzls, ɑʃ tsɑʌ⊙lz⊐tsнɑʃls ə lʊ⊙ɑz
ɪ tsfɳʲ⁄ʲ ʕtsɑʌʲ⊂tɑlsʊtsɑʌ⊙tʃtsн⊐tsнɑʃls ʕts ɑʒɑʲ⁄ ɑʃ fɳʲ⁄ɑzʰ ʲ ɑʌɑʌsɕtsətstɑɕls: çʀ ləɑʃɑʌʲlsʲ, ʕ⊙ʕʊʸ-lsts ɑʲ⁄ əʲ tɑtsʷlsɑʌ⊙ʸ
ɑʃfɳʲststɑɕʃʷ. ʃ lzʏ ɕtsətstɑɕls, ʊlstsʷ tslsн⊙ɑʌ⊙əʊɑz fɳətsɑʃ lzʕtɑ⊙ʸ ʲ ɑʌɑʃʷ. ʉ ʕ⊙ʏ ɑʃlsʲ, tʃtsʏ ⊙ɑʌzʔ fɳʃ⊙ ɹ lsts ls⊙ʕʔè ð
çɸ əʳ ʕ⊙ʕ нlzɑʒ⊂ʲ⁄lsʲ? ð ə fɳətsᵍ tsʊʲtɑʲ нᵘ fɳʃtɑtsfɳʃɑʃʃɑzʷ.ð ⊂ ɑʲ⁄ʲ lɑʌ⊙ʸ , ətɑtsнʲ вʳ ɑʲ⁄ʲ ɑʌʌsʰ lz
нtɑ⊙ɕtsʊʲ ɑʌɑʌsfɳʃsɑʃè.

ʊ lstɑ⊙ls⊙ətsfɳʃtsɑʒɑʃɑʌɑʌʃʔ ɑʲ⁄ʲ fɳəɑʃнʲ⁄ʲlsʲ⁄ɑzʰ ɑʲ⁄ʲ ɑʌɑʃɑʃ fɳətsʟɑʌ⊙ɑʌʃʷ
ɪ ⊙вʳ ə⊙ɑʌɑʃʲ⁄ ə вtsнtɑɕfɳʃətsə⊙ɑʌɑʃɑʃ ʃ tsls tsɑʒ ʊlstsɑʃ tʃtɑtsɑʃfɲ⊐tsнɑʃɑʌs ə ɕɑʃtʃ-ɑʌsfɳtsɑʒɑʌ⊙ɑʒʒlzɑʌɑʃʟɑʒʲ, н⊙ɑʌs tʃtsətsн
ɕtsətstɑɕlsᵍ, ʊlstsə tʃʲ⁄ʲ tɑɕʃtsн ɕɑʃtʃɑʌslsʟ⊙lz lʟ⊙ɕɑʃtʃɑʌslsɑʃʟɑʃtɑtsə⊙ɑʌɑʌsɕts tslsfɳlzlsfɳʃətsə⊙ɑʌs fɳʃsʟɑʌ⊙ɑʌʃʲ⁄.

ɺ ʲ tsвʲ⊐tsнɑʃɑʒʃs tɑʲ⁄ʰ ɑʃlsʲ⁄ɑzʰ ɑʌs lʊ⊙ʸəɑʃlsᵍ, ʊlstsᵘ lsʊçtɑ⊙нlzʏ ɑʌ⊙ʸè tʃʲ⁄ʲ tɑfɳʃʲ⁄ʲ ʕlsɑʃə⊙ʕ ɕɑʃtʃɑʌsfɳʃsɑʒɑʌ⊙ɑʒʒlzɑʌʃɑʃʒ
tslsɑʌsʰ ʲ ɑʌɑʌʷ ɑʲ⁄ɑ ɑʃɑʒʲ⁄ʲ ls. ɹ ɑʃtʃɑʌsfɳʃsɑʒɑʌ⊙ɑʒʒlz-ɑʌɑʃʟɑʒɑʲ⁄ʲ tʃtɑ⊙ətsɑʒʲ⁄ tɑɑʌs fɳʊɑʃlsʊlsᵍ вʲ⁄ fɳfɳʃsʟɑʌ⊙ɑʌsʲ⁄ɑzʰ ɑz ɑʒ
fɳʃsfɳʃstsʷɑʌʲ⁄ɑʒ tʃʲ⁄ʲ ts lstsʔ tʃtɑɑʃʊɑʃɑʲ⁄ɑ, ʊlstsə fɳʃsɑʒɑʌ⊙ɑʒʒlzɑʌ⊙əfɳʲ ətsfɳʃtɑɑʃɑʌsɑʃɑʒ⊙ʲ⁄ ls ɑʃ tʃtsɑʒɑʌsɑʃls, lstsɑzʰ ʕtsʲ⁄ʲ
ətʃʲ⁄ʲ ʊʃ⊙lsɑʲ⁄ɑʌsɑʃʷ вʲ⁄ʲ ʟ fɳʃʲ⁄ʲ ʊɑʃɑʃ⊙ɑʌzʰ ɑʌs ɑʒtsɕtsʰ ʲ ɑʌɑʌsʷ ɑʲ⁄ʲ tʃʲ⁄ʲ tɑʲ⊐tsнʷls lʊ⊙tʃtstɑtsɕʳ fɳʃsʟɑʌ⊙ɑʌʃʷ. ʂ tsɑʌstɑtsɑzʰ tsls
fɳʃsʟɑʌ⊙ɑʌʃʷ tʃʲ⁄ʲ tɑʲ⊐tsнɑʃls ʕ çəɑʌzlstɑʲ⁄ɑʌsʲ⁄ɑʲ⁄ɑzʰ tɑ⊙ɹzɑʒʒè ð tʃtsнfɳʃsʟɑʌ⊙ɑʌʃᵍ .
ɹ tstsвʰ ʲ ɕtsətstɑᶜʷ, lz⊙ʕɹ⊙ɑʌɑʃʲ⁄ ɑʌ⊙⊐⊙ɑ⊙ʕlsʲ⁄ tɑᶜtʃfɳʃ⊐ɑʃʷʲ⁄ʲ tɑᶜ tʃ⊙ɑʒʷlsɑʃ, ls⊙ʕ ʕ⊙ʕ tslsfɳzlsfɳʃəɑʃʲ⁄ ətsfɳʃtsɑʒʃɑʌ⊙ɑʌʃʔ ɑʲ⁄ʲ
ɑʒtsʏʲ⁄ʲ ls fɳʃɑʌzʏ ɑʃlsʲ нtsʕ⊙ɹ⊙ɑʲ⁄ʲ dz fɳʃətsɑʒɑʌʃ fɳʃsʟɑʌ⊙ɑʲ⁄ʲ dz ɑʌsfɳʃsɑʃ, ɑʌʃ вʲ⁄ fɳfɳʃsʟɑʌ⊙ɑʲ⁄ʲ dz ɑʌsfɳʃsɑʃ. ʉ
tʃfɳʃʲ⁄⊐tsɑʌsɕʃɑʃʲ⁄ fɳʃʲtsʔ lstsʊʕɑʃ lɑtʲ⁄ ɑʌtʲ⁄ɑʒʷ ɑʃlɑʒʲ⁄ tɕʷʲ⁄ʲ lsfɳʸ ɑʌ⊙ʰ ɑʃɑʒʃ ətsfɳʃtsɑʒʃɑʌ⊙ɑʌʃʷ ɑʒʃ. ʃ fɳʃɑʌʃ
tɕ⊙ɹɕɑʃtʃɑʌslsɑʃɹɑʃtɑtsəɑ⊙ɑʌɑʌzʔ ʊʲ⁄ɕtsʲ⁄-lsts ɑʲ⁄ tʃtsɑʒɑʌʃls, lsts tsɑzʲzlstɑ⊙lsɑʃɑzfɳʃtsfɳʃsʙɑʌsfɳʃsᵘ tsʊʲ⁄ɑʌʃəɑ⊙lsᵘ tʃtɑtsʔ нʲ⁄ɑʌɑʌsʲ⁄
ətɑʲ⁄ɑʒʷ, ɑʌs ɑʲ⁄ʲ lzlstɑ⊙lsɑʃɑzfɳʃsʟɑʌ⊙ɑʌʃʲ⁄. ʃ ɑzʷ ɑʲ⁄ʲ ɕtsʲ⁄ ɑʒʃɑʌzlsʊtʃtɑtsʙlzʏ нʲ⁄ɑʌʃʷ fɳʃətʃ⊙н⊂ʲ⁄ ls fɳɑʒʃɑʌzlstsʔ
lzfɳʲ tʃʲ⁄ɑʲ⁄ɑʌʃʷ.

ɹ tstʃtɑtsfɳʃfɳʃstsɑʃls lsʕ: ʲ fɳɑʌʃ ɑʒʳ lzlsəʲ⁄ tɑʏ нʕʲ⁄ ɑʒʒ ʊlstsɑʃfɳʃʳ lslzʲ⁄ ɑʒʳ ʔ ə ɕɑʃtʃɑʌsfɳʃsɑʒɑʌ⊙ɑʒʙlzɑʌʃʟɑʒʲ⁄ нʲ⁄ʔ fɳʃəlzʲ⁄ ls
fɳʃsʟɑʌ⊙ɑʲ⁄ʲ dz ɑʌs, lsts fɳɑʲ⁄ʲ нlzʲ⁄ ls нtsʕ⊙ɹ⊙ɑʲ⁄ʲ , ʊlstsə fɳʃsʟɑʌ⊙ɑʲ⁄ʲ dz dz ʲ нʲ⁄ʔ fɳʃəɑʃʷ ɑʒtsɕlzls lʟ⊙вʳ ə⊙ɑʲ⁄ fɳʸ. ɸ ɑʌsɕɑʌɑʃɑʃ-

fɳʕqʔ qfɳfɳɸɻʜtsɔOsɻdz ʕ . ɻɻ teɑdɻɸʔ ɔ fɳʃOsʲ ɻ çThe Problems of Hypnotismè no ɻ lstscdʒz tʃtsɔtsʜlz
tsfɳʃtɑtslzcdʒɑʒs LOɑʒɻ ɥQɻ ls: çʏ qlsOsɻdz "ʊOʔdʒɻ" ʙlzʜɻ ls ɔdɸɻLOɳʃdʑs lzʙqls, tscz,ʕtscɻɥɑʒs, dɸɻ ʙlzʜɻ ls tʃtscdʒɑʃlsʲ
ts fɸtsɻdʒɥlsɻdɑʃq, dʒʑsʏ dʑs dɑʃ tslsfʲɻ ʜOLOʕdz ɥqlsʲ, ɥlsts ɻ lsts ɻɠts ɥlsɻdɑʃɻ ʙʳ dʑs ʙɻ fɳfɸsLdɑOsɻdz dʑs?
ɻ teɑʃLdɑɔɔ ɻ lsts, dʒʳ dɑʃʕtsɠHOdɸ fɳqʒsʏɻ ɻdʒʜtsʃlzfɳsqlsʲ dɑOdɑʃɥqɻ lz ʕOʕtsɠts-dɑʃʙts dɑʃɥQɑʃ ʜOʏɻ ɻ
lz dɑɳfɳOdʒqʃ, lsOʕ ʕOʕ dɑʃɥlsts dɸ ɠOɑOdʑsqteɑzɻ ls, ɥlsts ʙtsdɸLdz qdɑʃ dɸ fɳɥCfɳsdz ʔ fɳdlzɥQʔ dɸ dɑʃʰ Os dɑɳfɳ
LɔɔlstɑOfɳsLdɑOdɑʃʷè (Gurney).
ʜ ɔtsqdʒtstɑqɠqdɑOdz dz dʒʧteɑqdʒɻ teɑsdʒts lstsdʒ ɥlsts tsʜqdzfɳzʙʲ ɻ ʕls, ʧtstɑOʏɻ ɻ dɑdz ʔ dɑɳfɳdɻ teɑsʲ
Oʧtstʃdɸʕfɳɡɥɥɻ fɳʃqfʃdʒlzʜOɑtsdʒ dɸ ʧteɑʃ-tsʜʷ ɔ fɳɻʙʷ, ʜtsfɳsOdzɑʃL-ʧtsʜ ʧtsʜlzʰ ʕqʃ-teɑsdɑsdʒɻ lstɕqʃ fɳɔqʜtsdʒ
ɠdzʙtsʕtsɠts ɔdɑʃqdʒOdɑʃʷ fɳsOdzlzfɳsOdɑɔɔdɑʃɔOsʲ ʧteɔɔqdz dɑsɻ ɔteɻ dʒʷ, ʜtsʕlststɕɾ ɻ fɳʧqdz qL ʕʕfɳO
ʧtsʕOLʳ ɔGɻ ls, ɥlsts dʒʑsʏ dɑs fɳsɔɻ teʰ Osʲ ɥɻ dɸ dɑOʧteɔɔdɸ dɑdz ɻ ʜɻʔfɳsɔqʷ ʜOʏɻ ɻ ɔ ʕteɑflsɑɥɻ fɳʕtsdʒ
fɳsfɳlstsʷ dɑɑqɑʃ (Despine, 1865, tɕ. 63).
ɾ tsʕOLʳ ɔOsʲ , ɥlsts fɳsLdɑOsɻdz dz ɻ ʜɻʔfɳsɔqʷ dʑsɠzlsLOʙʳ ɔOsʲ fɳʷ ɔ fɳqʃdz teɑOLdɑʃɥqdz ⊐ ʧOstsdɑsɠqʃɥɻ fɳʕqʃ⊐
qʧfɳqʃ⊐tsdɑsɠqʃɥɻ fɳʕqʃ⊐ ʧteɑʃɥqʃdz,ɔteʷʜ dɑʃ qʃdʒɻ ɻ ls fɳqʒ fɳqlz ɾ teɑzɠtsʔ ɔtsʧtɑtsfɳ;ʧtsɥɻ dʒlz ɠɑʃʧdɑsfɳsdʒ-
dɑOdʒʙlzdɑʃLdʒ fɳqʒ ɔGɻ ls fɳqdɸʜʳ ʧOdʒʷlsqʔ ɻ tɑtsʙdɸ dʒlz ɠɑʃʧdɑsfɳsdʒdɑOdʒ-ʙlzdɑʃɥɻ fɳʕtsʔ Odʒdɸ LqʃqʃteɑOteɻʰ qʃdz
ɹ ɻ teɑdɑɻʔdʒ ʃ dz,tsʙdɑɑteɑzʏqʃdz, ɥlsts ɻ lstsls ɔqʃʜ Odʒdɸ Lqʃqʃdɸɠʕtsdʒʏɻ ɻ ls ʙʳ ls lzfɳstɑOdɸdz,ʜ dɸ ʜtsɔOsɻdz dɑs,
ʜɻʔfɳsɔqʷ LOɠʃʧdɑslsqʃLqʃteɑtsɔOdɑdɑsɠʕts fɳsLdɑOsɻdz dz .
ɹ ts ɔteɻ dʒʷ fɳsOʏqʃteɑtsɔʕqʃ ʌ teɻʔʜOlz ɹ ɻ teɑdɑɻʔdʒOʧtsfɳqɸɻʜdɑʃʔ ʧteɑtsʜɻ dʒsdɑfɳstɑqʃteɑtsɔOdztsfɳsʙlz, lz ʕtslststɑtsʔ
ʧlzlsɻ dʒdɑOfɳstsʔɥɥqʃɔʳ ⊐ lstɕɻ ʙtsɔOdɑʃʔ ɻ dʒlz lzʜOdɑsfʲɻ ʧteɑtsʙlzʜqʃlsʲ ɔtsfɳʧtsdʒqʃdɑOdɑʃɻ tsʙts ɔfɳɻ dʒ ɥlsts
ʧteɑtsqfɳ⊐tsʜqʃdɑs ɔts ɔteɻ dʒʷ ɠɑʃʧdɑsLO ɻ ts ʧteɑtsʰ ɻ fɳsɔqʃq dɸʕtslststɑtsɠts ɔteɻ dʒɻ dɑʃɻ lsts ʧteɑʃdɸ fɳqdɑs ʧ dɑsʜʳ :
ʌ teɻʔʜ, ʧtsdʒdzʷ, ɥlsts ɠɑʃʧdɑslsqʃɥɻ fɳʃOʸ qʃ, fɳqdɸʜtsɔOsɻdz dɑs, qfɳsɻ teɑʃɥɻ fɳʕOʸ Odʒdɸ Lqʃʷdɸɻjɻ ʞ dɑO)
ʜtsʙqɔOdzfʲʷ lz fɳɸtsqʃ⊐ dɸɔteɑslsqʃɥɻ fɳʕqʃ⊐ ʧOɥqɻ dɑstsɔ ʧteɑʃʧtsdʒɠdɑOdɑʃʷ ʧtɑtsɥqdɑs LO ʙʳ lsʳ ⊐ fɳsʙʳ lsqʔ. ʕlsts
ʙʳ dzʧtɑtsdɑsɠʕ fɳsLʜOdɑʃʁ ʧfɳqʃ⊐tsOdɑOdɑʃʷ ʧteɑʃ⊐tsOdɑOdɑʃLO
ɻ teɑʃɔɻ ʜɻ dʒtstʃʳ ls, LOɠdʒfɳksɔtsɔOdɑdz ʔ qL ʙtsɠOstsʔ ʧteɑOʕlsʃʕqʃ ɹ ɻ teɑdɑɻʔdʒOʔ ʕtslststɑʳ ʔ fɳɔqʜɻ lsɻ dz fɳksɔlzɻ ls,
ɥlsts fɳsdʒdɑOdɑʙlzdɑOɑfɳOdɑsdʒ ɻ dɸ dɑʃɥɻ ɠts dɸ LOʙʳ ɔOɻ ls qɻ ɻ Odʒdɸ LqʃʷʷlzdɑʕɥqtsdɑOdz dɑOʸ
(ʧfɳqʃ⊐qʃɥɻ fɳʃOʸ). ɻ teɑʃɔɻ ʜɻ dʒɻ ɠts ʙɻ L fɳsʕteɑOʲ ɻ dɑʃʔ, ʧtsfɳʃtsdz ʕlz tsdz, ʙɻ Llzfɳqdɔɔdɑs, ɔts dʒdɑsɠʃ⊐ fɳqlʳ fɳqlɠ⊐
ʧteɻ ʜfɳsOɔdzʲɻ ls qdɑsɻ teɻ fɳɻ ɥ dɑOɥQɥdɑOqʃ ʧteɻ ʞ ʜɻ ɔfɳɻ ɠts ɹ lsts qdɑdzz fɳsteɑOɥqʃʷ ts dɑs ʞ dɑsdʒ⊐Oɥeɑʕlsɻ teɻ
fɳsdʒdɑOdɑʙlzdɑʃɥɻ fɳʃtsʔ Odʒdɸ LqʃqʃOlz ʞ LOsɻ dʒɹ lstsls tsʧʳ ls dʒsʞ ɻ ls fɳqdzʞ qlsʲ ʧteɑʃdʒɻ teɑsdʒɔsLdʒsʞ dɑsfɳsqʃ
ʕteɑʃdʒqʃdɑOdz dz ⊐ ɔdɑzʰ ɻ dɑʃʔ.

çɕ əɖʑʱ ɖʃɖzfɳtsɖʒʞ⊙ɖʒʁlzɖɟ, ɽɬstsɖʒjɖʑʷɖɟɬlsə⅂tsɖʒʞ⊙ɖʒʃɖʃ. ⅁tsɢʜ⊙ɖʒtsɖʃ ⊙fɳɳɖʃfɳtsjɖʑsʳ lzʁɟʜɖʃɖzʃfɳ, ɽɬstsəɖʑʱ ɟɖzʃj tɕjɢ⊙ɖʑʃʟtsə⊙ɖʑtsfɳ, fɳts⊙ɖzʃlzəɟtɕʷlsᵘ ɟɟ ə tsʁtɕ⊙lsɖʑtsɖʒ ɽɬstsʷə⅂tsɖʒʞ⊙ɬsj ɖʃtɕ⊙ʟɢtsə⊙ʞɕʃəO⁹ fɳɖjɬʔ. ɭ ts lzəɟtɕjɖzʞʃʷʁʳ ɖzʃ ɖʑ⊙ʃtɕ⊙fɳɖʐ, tsɖʑ⊙ʁʳ ɖʑ⊙lzʁɟɻɤʜjɖʑ⊙ɽɬstsɖʑ⊙ʜ ɖjɬʔ tʃtɕtsfɳtsts fɳɖʒjᵍ lsfɳʷ. ƨtsɢʜ⊙ʷ fɳts⊙ɖz tʃɟtɕjɢʜ ɖjɬʔ ɖʃ, ɢɖzʷʜʷɟʔ tʃtɕʃfɳts⊙ɖz ɖʑs ə ɢɖʑ⊙ʟ⊙⅁⅂tɕʃəO⊙lsᵘ fɳtʃtɕʃfɳzlsfɳtsəlzᵍʰ ɖʃɖʒʃə⅂tsɖʒʞ⊙ɬsj. ⊂ tʃtɕtsʜtsɖzɤ⊙⁹ lstsɖʑtsɖʒtʃtsɖzɖjɬʔʰ ɟɬʔ lzəɟtɕjɖzʞʑtsfɳtsɖʃ: "ɭʳ fɳ⅁əɟtɕɖʑ⊙ʷɤɟɖzʱ ɖʃɖʑ⊙ ⌈ əO⊙ɢtsʜ⊙ɖʑʞ⊙ʟ⊙ʜ əʳ tɕtsʜʃɖʃɖzʃfɳ tslsɖjɢɢtsɖʃʃəO⊙ʞɕʃəO⊙lsᵘ fɳ

Ø Y lsts x j w ə d ʒ ɡ t s ə t s t ɑ ʃ l s ɪ l s t s d ʒ " f q d j " ?

[? f q s r H d z s t ʃ t s ə l s t s t ɑ ʃ l s ɪ d z s ʃ f q d z s ə O ʃ H d z S t s w d z f q s O ɑ ʃ ə O ʏ .

l O S t s d j ʊ t s d z O ɡ t s ə t s t ɑ ʃ l s:

ð I r f q S O L O d z ʃ d ʒ d j , ʊ l s t s l z d ʒ j d z w B r d z t ɑ j B j d z s S .

ð ɸ ʊ l s t s w H j d z O d z ?

ð I r S t s d z s d z ʃ d ʒ j d z w B l z d z O ə S t s ? .

ð ɸ j ʰ j ʊ l s t s ?

ɪ O d z ʃ ə O ʷ f q S t ɑ O f q S t s ? , t s d z O f q l s t ɑ z H t s d ʒ ə r ɡ t s ə O ɑ ɑ ʃ ə O ɾ l s:

ð l j l s , d j ɸ l s , ɻ l s t s ɡ t s w B r d j ɸ H t s ʃ l z f q l s ʃ d z O d ʒ d j ɸ ə f q j t ʃ t ɑ ʃ f q d z ɑ ʃ d z s f q .

ð Y l s t s x j ə O d ʒ t ʃ t ɑ ʃ f q d z ɑ ʃ d z s f q ?

ð Y l s t s ə r ... ʊ l s t s ə r t ʃ t s H d z w d z ʃ d ʒ d j ɸ t ʃ d z O l s ʲ j ɾ ʃ ...è (Bernheim, 1889, tɕ. 79).

I L O S t d z ʋ j d z ɑ ʃ j ɹ j t ɑ d z ɑ j ? d ʒ ɡ t s ə t s t ɑ ʃ l s: ç ʊ O S t ɾ ʃ d ʒ t s B t ɑ O L t s d ʒ , d ʒ d j ɸ l z H O d z s f q ə r L ə O l s ʲ ə t s f q ʃ t s d ʒ ʃ d z O d z ɑ ʃ w t s B t s ə f q j d ʒ , ʊ l s t s w ɡ t s ə t s t ɑ ʃ d z ɾ ʃ H j d z O d z , d j ɸ x j H l z l s j d ʒ S t O S H j ? f q s ɔ ɾ ʃ l s j d z d z s d ʒ s x j d z s B r d z s B r t ʃ t ɑ j H t ʃ t s d z s x j ɾ ʃ l s ʲ , ʊ l s t s t s d z O d ʒ j d z w d j ɸ ə ɾ ʃ H j d z O l O f q O d ʒ s d ʒ x j H j d j ɸ t s d z O d ʒ j d z ʷ ə ɾ ʃ H j d z O ɾ ʃ q d z ʰ O d z O , d j ɸ f q d z ʰ ɡ l s t ɕ w d z O l s t s ʊ l s t s f q s ə j t ɕ h j d z d z s d ʒ j d z w d j ɸ L O d ʒ j ʊ (O d z O , ʊ B j x j H j d z d z O w ə d z d z h j d z ɑ j d ʒ ə d z s j d ʒ t s l s f q z l s f q s ə ɾ ʃ , t s d z O t ʃ t ɑ j ɡ t ɑ O H ɾ ʃ d z O H t s f q s l z t ʃ ə f q s L d z O d z ɑ j ə f q j d ʒ ə t ʃ j ʊ (O l s d j d z ɑ ʃ w d ʒ ɾ f q S t s H w f q ɾ d ʒ t s l s d ʒ j d z w . R d z ɾ , ə j t ɑ d j j ɡ t s ə t s t ɕ w , j j t ʃ f q ʃ S ɾ ʃ ʊ j f q S O w H j w l s j d z d z s f q s ʲ t s l s ə j t ɑ ɡ d z O ə f q j l s O S ɾ j ə t s f q ʃ t ɑ ʃ w l s ɾ ʃ w , S O S l s t s d z S t s t s d z ɑ ʃ t ʃ t s f q s l z t ʃ O d z ɑ ʃ ɾ L ə d j ɸ , ɾ d z O f q s t s d z S t s ɾ S l z d z ɑ ʃ ʊ l s t s x ɾ d z O ʊ l s t s w B r f q ɡ t s ɡ ʃ r l s O s ʲ j j ə f q j d ʒ ɾ ʃ w ɾ L ɾ ʃ ʊ j f q S ɾ d ʒ ɾ ɾ d ʒ s t ɕ O d z ʋ d z d ʒ ɾ f q ɡ j H f q s ə O d ʒ ɾ , t s d z O ə f q j t ɕ O ɔ d z s d j ɸ L O d ʒ j l s ɾ d z O B r d ʒ j d z w . I t s l s d z s h j d z ɑ ʃ ɾ d ʒ j d z w t s d z O B r d z O f q d j ɸ t ʃ O ɾ ɡ d z l S O ʊ t ʃ t s t ɕ O x j d z O t ʃ t s d z d z s ? t ʃ f q ʃ S ɾ ʃ ʊ j f q S t s ? O d j ɸ f q s j L ɾ j ? : ə f q j ʊ l z ə f q s ə j d z d z ʋ j t ɕ O L H t ɕ O x j d z ɑ ʃ w , ɾ f q S t s H ɾ ə h ɾ j t s l s d ʒ j d z w , S t s l s ʷ ɾ ə t s f q ʃ t ɑ ɾ d z ɑ ʃ d ʒ O d z ʃ f q , d z s d j ɸ H t s S t s H ɾ d z ɑ ʃ H t s f q s L d z O d z ɑ ʃ w è (l s O d ʒ x j , tɕ. 80).

ç ʊ t s l s w O S l s , ð L O ʸ ə d z ʋ j l s ɹ j t ɑ d z ʋ j ? d ʒ ð ʊ l s t s d z s x ɾ d z s t ʃ t ɑ t s B l z H ɾ l s ʲ ə t s f q ʃ t s d ʒ ɾ d z O d z ɑ ʃ w , S O L O ə h ɾ j f q ʃ ə j t ɕ h j d z d z s ɾ f q ɲ j L d z ə h ɾ d ʒ ɾ ə t s ə t ɑ j d ʒ w ɡ ɾ ʃ t s d z s L O , ɡ t s ə t s t ɑ ʃ l s t s l s t s d ʒ ʊ l s t s f q s L d z O d z ɑ ʃ j d j ɸ l z d z ɑ ʃ ʊ l s t s x j d z s f q ə j t ɕ h j d z d z s . ʉ t s d ʒ d z O d z B l z d z O d z ɑ ʃ S t s G H O d j ɸ H j ? f q s ə l z j l s S O S O ə l s t s d ʒ O s , B j f q s L d z O s j d z d z s , d z O ʃ t ɕ s l s ɾ ə , t s d z O f q d z ʰ ɾ l s , ə ɾ H ɾ l s , t ʃ t s d z ɾ d ʒ G j l s ə f q j , ʊ l s t s t ʃ t ɕ s ɾ f q S t s H ɾ j l s (l s O d ʒ x j , tɕ. 80).

ç d z O f q s f q S ɡ t ʃ d z s l s ɾ L d ʒ O B j L l z f q d z s ə d z s t ʃ t ɕ O : f q s d ʒ d z O d z B l z d z O d j ɸ O ə l s t s d ʒ O s . I ɡ t ʃ d z s f q s d ʒ d z O d z B l z d z ɾ L d ʒ j f q s S t ɕ O d z ʋ j l s f q ʸ f q s L d z O d z ɑ ʃ j . S l s t s ə ɾ H d z s ɾ L l s t s ɡ t s , ʊ l s t s L O ɡ ɾ ʃ t ʃ d z s l s ɾ L ɾ t ɕ s ə O d z d z ʋ ? d ʒ s x j l s ə r t ʃ t s d z d z ʋ l s ʲ d z B l z ʁ f q S t s d z l z ɡ t s H d z s f q d z s x j d z d z ʁ t ɕ O B t s l s l z , l s t ɑ j B l z ʁ ʰ l z ʁ d z O ʃ t ɕ w x j j d z ɑ ʃ w ɾ d z s j d z d j ɸ S l s l z O d z d z ʋ S , f q S O S l s j t ɕ ə l s j O s t ɑ j , d ʒ l z L r S O d z s d z O S t s d z ɑ j j t ɕ l s j ɾ ʃ . ʃ d z d z s x j j l s ɾ ɡ t ɕ O l s ʲ ə h O S d ʒ O s r , ɾ S t s t ɕ s -

[illegible]

[illegible] (Cheek, 1959, 1964 [illegible] 1964 6, 1966).

Ще в 1913 году, когда Ленин писал свою работу, Сталин был в ссылке в Туруханском крае. Ленин, конечно, не мог знать, что Сталин, которого он называет «твердым, стойким большевиком», через несколько лет станет его злейшим врагом, предателем дела рабочего класса, что он будет уничтожать ленинцев тысячами и десятками тысяч. Ленин

∫ ɑ[¬Ou[dzz tsʔʷ j ls

dʑs. ɹ teOʁtslsO¬ Odʑʒdɑʃʔ fɳʕtsɑʰts fɳʂʁɑʃteOlsj dzʷ ɑ[fɳʂststeɑʃʔ ts tʃOʁeOdʑsteɑʒOdz dz ¬ ʷədɟ dɑʃʷ¬ ʌ . ∫ OʔɟteɑfɳO dʒsʏ dʑs dʑ:ʔlsɑ[dʒɑʑsɑʰts tʃteɑ[dʒɟteɑsə, fɳɑʑ[ʰ ʕtsdʒʜdɑʃɑdɑʑz ¬, ʋʅstsʁʳ ɑ[¬ Lʜɟfʰ tʃteɑ[ətsʜɑ[lsᵍ , ə ʕtslststɑʳ ¬ fɳɑʑsəɑ[ʜɟ dɑʃ[j ʷəɑ[dʑsfʰ ətsfɳʃtsdʒ[dʑ:ɑʑ[j dʒʜteʑɑʰts, LOʁʳ lstsɑʰts dʑ:ʷəlz fɳɑʑsəɑ[ʜɟ dɑʃʷ (Myers, 1887, teɑ. 230).

ʀ lsOʕ, dʒʳ tʃteɑ[ʰ dɑ[ʕ lstsdʒz, ʋʅstsfɳʂdʒdʑ:ɑʑʁlzdɑ[ʋj fɳʕOʸ Odʒdɟ Lɑʃʷdɟdʑ:Oɹ ʏ -teɑɹ ᵻ fɳʂj ʔdzɑʰtsətsteɑ[ls, ʋʅstsʷ OʕlsfɳʂLʜOdɑʃʷ ɑ[lzdɑʃʋʅstsʏ j dɑʃʷ Odʒdɟ LɑʃɑʰʜtsʕOʳ əO j ls, ʋʅstsdʒsʏ dʑs lzʃteOədzʷlsᵍ tʃOdʒʷlsᵍ ʁ , ətsfɳʃtsdʒ[dʑ:ɑʑʷdʒɑʃ ð ʕtsteɑtsʋj ɑʰtsətsteɑʷ, fɳʂfɳʂtsʷdɑʑj dʒ fɳʂLdʑ:ɑʑʷ. ɹ dɑʑ[dʒOsj dz dz ʔ ʋɑ[lsOsj dz dʒsʏ j ls fɳʃteɑtsfɳɑ[lsᵍ : çɾ fɳʑɑ[lz fɳʂdʒdʑ:ɑʑʁlzdz fɳʂLdʑ:ɑʑj tʃteɑ[fɳʃzlsfɳʂəlzj ls, lsts tʃtsʋj dʒz dɟ fɳʂ¬teOdzʷj lsfɳʷ tʃteɟ ʜfɳʂədɟ dɑʃj ts lstsdʒ, ʋʅstsʃteɑtsɑ[fɳ¬tsʜɑ[dʑs?è l Odʒdɟ ɑ[Ləj fɳʂdz lzfɳʑsəɑ[ʷ tʃteɑtsɑ[fɳ¬tsʏ ʜj dɑʃʷ fɳʂLdʑ:ɑʑʷ, dɟ ʁlzʜj dʒdʑsdʒOsᵍ ɑtsdʑsəlz dʑ:Oʜ tʃteɑ[ʋɑ[dʑ:Odʒɑ[tʃtslsj teɑ[tʃOdʒʷlsɑ[tʃtsfɳʑj fɳʂdʒdʑ:ɑʑʁlzdɑ[LdʒO l Oᵘ lstsls ətstʃteɑtsfɳ ʕOʕ ɑ[dʑ:ətstʃteɑtsfɳ tʃtsʋj dʒz tʃteɑtsfɳʑlzəʰ ɑ[ʔfɳʸ ʋj dʑsəj ʕ dɟ tʃtsdʒdɑ[ls fɳʁtsɑ[¬ dʑsʋdz ¬ fɳʑsəɑ[ʜɟ dɑʃʔ, j fɳʑɑ[lstsdz ʕts tsdzɑtʃteɑtsfɳʑlzdzfɳʸ dɟ ə ʷ OɹɟtʃOʁeOʜtsʕfɳOdz dʑsɑʰts fɳʑ:) dʑ:OzʕOtslsəj lsOtʃtsʕOdɟ dʑ:Oʸ dʑ:O ɹ ɑ[tʃdʑsfɳʂdʒdʑ:ɑʑʁlzdɑ[LdʒlzfɳʂteOdzʷj ls Odʒdɟ Lɑ[ʁ

∫ tsʏ j ls Bʳ lsᵍ , dʒsLɢtʃtsdz Lzj lsfɳʸ Odʒdɟ Lɑ[j ʔ, ʋʅstsʁʳ tʃOʋɑ[j dʑs LOʁʳ dzdʒzʋɑ[lsj dz dz j ətsfɳʃtsdʒ[dʑ:Odɑ[ʷ? l Oᵘ lstsls ətstʃteɑtsfɳtslsəj lsOtʃtsʕOdɟ ls, LOstsɑ[Ləj fɳʂdʑs, ʕOʕ əj teɑdzlsᵍ ʋj dʑsəj ʕlz tʃOdʒʷlsᵍ . ɸ . ɹ lztɑtɑᵍ , ʜɑ[teɟ ʕlststɑʕdzɑ[dɑʃʕɑ[∫ tstɑfɳʕtsʔ dʒj ʜɑ[ʋɑ[dɑfɳʕtsʔ ʰ ʕtsdz ə ʈ tsʰ ʷ tstɑj , ɑ[ɻ . ɹ ʁ teɑts, Oʜʲ ʁ dʑ:ls-tʃteɑtsʷj fɳfɳstɑ ɹ lstsʔ ʏ j ʰ ʕtsdz , fɳʂtsʁʰ Oʸ ls, ʋʅsts 26-dɟ lsdzʷʷ ɹ ɑ[ʕlststɑ[dʑsO∫ . tʃtslsj tɑʷ dʑOtʃOdʒʷlsᵍ dʑ:Oəj fɳʰ tʃj teɑ[tsʜ ʏ ɑ[Ldʑ:ɑʃ, tʃteɟ ʜʰ j fɳʂəlzᵍ ʰ ɑ[ʔ j j ʁtsdɟ Ldʑ:ɑʃ. ʕ lsts tʃteɑtsɑ[Lts ʰ dʑs əʜteɑzɢ, ə dʒsdʒj dʑs fɳɑ[dz dʑsɑʰts tʃteɑ[tʃOʜʕOɹ ∫ ʜdʑ:Oʕts ʕOʕ lstsdz ʕts j j LO:ɑ[tʃdʑslsɑ[Lɑ[teɑsəOdɑ[, tsdʑ:Ofɳʑsə O ts ʕO Lʷ dʑ:Oʃʰ ə fɳʂfɳʂtsʷdʑ:ɑ[ɑ[tsʁtsLteɟ əOlsᵍ fɳʁtsᵍ tʃteɟ ʏ dzᵛ ᵍ ʏ ɑ[Ldz əts əfɳj dʒtsʁʲ j dʒj . ∫ ʜdʑsətɟ dʒj dʑ:dʑs fɳᵘ lsɑ[dʒdʒj dzʷ dʑsfʰ j j ʷ ɑ[Lɑ[ʋj fɳʕtsj fɳʂfɳʂtsʷdʑ:ɑ[j : j fɳʑɑ[ə ʁtsʜteɑfɳʂəlzᵍ ʰ j dʒ fɳʂfɳʂtsʷdʑ:ɑ[ɑ[tsdʑ:OfɳʂteʜOdʑ:Otʃtslsj teɟ ʔ ʋlzəfɳʂəɑ[lsj dz dʑsfɳʂɑ[, lsts ə GɑʃtʃOdʑsfɳʂdʒdʑ:ɑʑʁlzdɑ[Ldʒjʋlzəfɳʂəɑ[lsj dz dʑsfɳʂᵘ ətsfɳʃtsOdʑ:ədɑ[əOdʑ:Oɑʃʰ . ∫ ʜdʑ:Oʏ ʜʳ , ʕtsGʜOɑ[L-LOfɳʃdz dʑsGʰts ʜlzʰ j ədʑsGʰts

Ярославская область, Угличский район, Ильинский сельский округ, деревня Ивановское, улица Центральная, дом 12, квартира 3

Ярославская область, Угличский район, Ильинский сельский округ, деревня Ивановское, улица Центральная, дом 12, квартира 3.

[illegible]

[illegible] (… 1902, … 308).

[illegible]

вр дзы 34 сѣтьнОсӏ тьсдзОсӏсдзӏ дзОсдзӏзхӏ Осӏ фӈ дзОэ ъ тьсфщӏӏзнсдзӏӏ 12 дзӏӏ ьс хӏсӏьсдзӏ эр тӀОдзсӏ сӏь ӏӏ тӀОдзӀшьсӏ. Ц тещ h сӏдзьЬОнЬОьс ӏӏ? этьтӀтетьсфпэ гсӏтӀ дзьсЬӏ тьс ӏӏ ӏ этьЬтеЬфпьщ . ы ӏӏ ь дзЬОдщ?h сӏ-ъ тьсдщ в Одзсӏ? тьсдзОтьЬэӏӏ ьсӏсдзО, ъӏьтьс ӏ? 34 сѣтьнОсӏ ъӏьтьс ьдзӏӏ ӏ фпьр h . ъ Оьщ дз ш эдждz h сӏдзӏ?, ъӏьтьс тӀтьфщӏ тӀтетьв ьзхӏ нӏ дзсӏш тьсдзОфщдзьэО

эфщӀтьсдзсдзсӏьтӀтьфщӏ нэӏ дзОнъОьс дщ ьс фвтьӏ? хӏсӏьсдзсӏ. тОЯ сӏ фщждzъцсӏдзьфпӏ...è (z, ӏ тетьтьЯ, 1982, фӈ 29). тОӏ тӀӏ тсӏ дщ фпЯтьсдz Ять тӀтьэӏ тедщ дзэтьтӀтетьфпэ нтедzгдzк фпьтьтетьсдждz. ∫ тьхӏ ӏ ьс фпьЬнОьс фпУ сӏдздz ьсш, ъӏьтьс ӏ фщдзсӏ э гсӏтӀ дзьфпьсдзсдзОдзвьздзсӏцӏ-фпЯтьсдзфпьфпьтьсш дзьсӏсӏ тедОфпьтьтедзОхӏ сӏэОу ьсфпУ сӏ ОЯьсӏсӏэсӏьсӏтедzк ьсфпУ нОхӏ ӏ ьс ӏ фщдщнтьэр ӏ тӀтетьсцӏ фпфпӈ , Ятььтьтедr ӏ , Яьсӏ ьэтьЬтедОьсдзьс эр ьс ӏ фщдщдz сӏь тӀОдзшьсӏ, ьтьтьс ОЯьсӏсӏэсӏьОцсӏш э гсӏтӀ дзьЬӏ нӏ? фпьэ ӏ дзждz ⊐ ӏ дзьтедОдзсдзз фщш ьОщдzдz ⊐ фпфпьтьвr ьсӏсш дзсӏ сӏ тьвтедОьОдзсӏ втьсдz h тьэ? ьдзОцсӏдзьфпьсӏ, вьгнӏ ьс тӀтетьш эдzш ьс фпУ ьдзОцсӏьщ дz дзьс фщсӏдz дщӏ , цӏ дзӏ ьтьс сӏдзӏ ӏ ьс дзӏ фпьтьэ втьнтефпьэьгк h ӏ дзз фпьфпьтьш дзщсӏ.

ъ Оh фпьвьфпьэ ӏ дзждz ? тьтӀr ьс фщсӏнӏ ьсӏ дz фпьэьгӏ ьс, ъӏьтьс ӏ фщдщсӏ Одзсдщ ьсш wдщ wгздЯцсӏтьсдзОдz дзОу (сӏфпьӏ тесӏцӏ фпЯОу, гсӏтӀ дзьслсӏцӏ фпЯОу), ьтьэ ъ ӏ ьтьсдзз фщдzъцсӏ сӏдзӏ ьсфпУ втьсдz h сӏӏ фщдщсхӏ дзьсфпьсӏ фп этьфпьфпьОдщэдщ дщӏ дзз ӏгьсӏ ӏ тесш фщдщ нтьэ тӀОдзшьсӏ. ъ ъ тьсдзз фщдщ тьвтеОьсӏсдзьсфпУ тедzЯтьэтьнфпьэ ъ тьнОдщьсӏ дщӏ дзьсгс, ьсОЯ ЯОЯ э ьтьсьь ьдзьтӀтьсдzъцдz ? нӏ дz в дzэ фпьфпьтьш дщсӏсӏ фщӏдz дщьсгъ ОдЯтьсгъсдz дщьсгъ тьтӀ ш дщ дщсгс, ьсОЯ ЯОЯ э ьтьсьь ьдщтӀтьсдzъцдz ? нӏ дz в дzэ фпьфпьтьш дщсӏсӏ фщӏдz нr э тӀОдзшьсӏ. ъ фпцОфпьсӏ ъ , дзждщ дщгЯъ ьнОдщьсфпУ тӀтьсгъсдz ьсӏсӏ ӏ гъ э фпьфпьтьш дщсӏсӏ гсӏтӀ дщьсфпьсдзсдщОдзвьздщьдзО, ъӏьтьс в эОӏ ьс дщъцОфпьсӏ. ∫ дzh Оу ӏ дзz этьсфпьфпьОдщэдщьсӏ э тӀОдзшьсӏ фпьвr ьсӏш тетьЯтьэтьсгъэӏ ьтеЬфпьЯОьОдщ тОтьсдz Ять тӀтьсфпьӏ дщтьнсдщьЯтеЬсдщьсгъ дщОхӏ сӏдзО тьсдzфпьОдzгъэтьстеӏш . ъ тесӏтьсдзшьсӏдz, ЯОЯ э ьтьсьэ ӏцӏ тс фпӀтесш ьсӏ дщдзсӏ ьдщ ьсӏ ЯОЯ ьтеЬфпьЯОьОдщ ьсӏ дщ ьсӏ ьдщ ьсӏ ЯОЯ э ьтьсьь ьдщтӀтьсдzъцдz ? нӏ дz в дzэ фпьфпьтьш дщсӏсӏ фщӏдz нr э тӀОдзшьсӏ. ъ фпцОфпьсӏ ъ , дзждщ дщгЯъ ьнОдщьсфпУ тӀтьсгъсдz ьсӏсӏ ӏ гъ э фпьфпьтьш дщсӏсӏ гсӏтӀ дщьсфпьсдзсдщОдзвьздщьдзО, ъӏьтьс в эОӏ ьс дщъцОфпьсӏ. ∫ дzh Оу ӏ дзz этьсфпьфпьОдщэдщьсӏ э тӀОдзшьсӏ фпьвr ьсӏш тетьЯтьэтьсгъэӏ ьтеЬфпьЯОьОдщ тОтьсдz Ять тӀтьсфпьӏ дщтьнсдщьЯтеЬсдщьсгъ дщОхӏ сӏдзО тьсдzфпьОдzгъэтьстеӏш . ъ тесӏтьсдзшьсӏдz, ъӏьтьс дщэОсӏдzсӏ ъ эр h ӏ дzсдщОдzсӏцӏz. ∫ фпь

∫ ɑ[⊐ⱷɑ[ɑzz, ts2ʷʷj ls

lzʜⱷɑzsfɲ.ɪ tɑɔ[ʯɑ[ɑʞⱷlstsɢts, ʯlsts ʕⱷɑsɑ[ɑʞⱷʃtɑtsɑ[fɲ⊐tsʜɑ[ɘʰ j,ɢts ɘ lslz tɑtsʕtsɘlzᵡ ɑzsʯᵘ ɑj ɘtsfɲʃsⱷɑzsɘɑ[ɑⱷfɲ, ʟⱷʕɑzᵛ ʯⱷ)lsfɲʸ ɘ ⱷɑzʕtsɢtsɑzɑzs2 ⱷɑ3ɑjʟɑ[ɑ. ∫ ɑʞⱷ ʕⱷʕ tstɑɢⱷɑzɑ[ʯj fɲ⊐ⱷʸ ⱷɑ3ɑjʟɑ[ʷ, fɲɑ3ʳ ɑʞⱷɑ3ɑjʟɑ[ʷ, fɲɑjʜʳ , ɘ fɲɘʷʟɑ[ɲʯj ɑ3ɢɑ[ʃɑzsfɲsɑ3ɑʞⱷɑzɘlzɑ[ʟɑ3ɑ[⊐ ɘtsfɲʃtɑj fɲɑ[lsᵘ ɑj fɲɑ3sɢ.

∫ tsʏj ls вʳ lsᵘ, ɑj tsв⊐tsʜɑ[ɑ3s вʳ ɑzs ɘfɲstɑj lsɑ[lsᵘ fɲʸ j ʰ j tʃⱷɑlz tɑⱷl, ʯlsts вʳ fɲɑlzʷlsᵘ lstɑj ɘtsʏ ɑzʯᵡ lzfɲsⱷɑzsɘʕlz, lsⱷʕ ʕⱷʕ ɘ lⱷɘɑ[fɲɑ[ɑ3sfɲsɑ[tslstslsɑzsʰ j,ɑzʕ2 fɲtsʃj tɑⱷlsttɑtsɑ3lⱷʕɑ[ʃɑzslsɑ[lɑ[tɑtsɘⱷɑzlz 2 ɑ3sʏj ls ɑ[ɑzɑ[tʃtɑɔ[tʃtsɑ3ɑ[ɑʞⱷsᵘ, ɑ[ɑzɑ[tslsʕⱷlⱷlsᵘ fɲʸ tslsfɲsltɑzʜɑzʞ[ʯj fɲsɘⱷ.I fɲɑlzʯ(ʕ) j,fɲɑzɑ[tstʃj tɑⱷlsttɑc ɑj tʃtɑj ʜfɲsⱷɘɑzʷj ls fɲʸ ɑzɑ[ʯɑzsfɲsᵘᵡ, ɑj fɲʸʰ j ʔ lzɢtɑtsʟlz, lsts tslsʕtɑtsɘj ɑzɑlz 2 ʜɑ[ⱷɑzsɢ(tʃtɑɔ[ʟɑʞⱷɑzɑ[j) ɑ3sʏj ls fɲsfɲsᵘʷlsᵘ fɲʸ. ʊⱷʕʏj ɑj ɑ[fɲʃɑz ʯj ɑzs, ʯlsts tsɑzɑʞⱷɑ3j tɑj ɑzɑzs fɲʃtᶜ ɘⱷɑzʃtɑtsɑ[fɲʰ j ʜʰ j,j, ɑ[вts tʃtɑɔ[ʟɑʞⱷɑzɑ[j ɘj ɑzs ʕ ɑʞⱷʕⱷʟⱷɑzɑ[ᵡ .

∫ tsʏj ls вʳ lsᵘ, ɘ çlsj ɑ3ɑzsɑ3 fɲsʟɑʞⱷɑzɑ[ɑè fɲs⊐tɑⱷɑzʷɑzsfɲ tsfɲsʟɑʞⱷɑzɑ[j ɑ[fɲsɑ[ɑzɑzsɢts tʃtsɑzsʏj ɑzɑ[ʷ, lsts j,fɲsᵘ tstʃⱷɑzsfɲsɑ[tɑⱷltsвɑʞⱷʯj ɑzɑ[ʷ (tslsᵘ lstsɢts lⱷɘɑ[fɲɑ[ls, ɘfɲslzʃⱷ)ls ɑ[ɑzɑ[ɑj ɘfɲslzʃⱷ)ls ɘ ʜj2fɲsɘɑ[j tʃfɲɑ[⊐tsɑzsɢɑ[ʯj fɲʸ lⱷʰ ɑ[lsⱷ), ɑ[tʃtsᵘ lstsɑ3z tsɑzfɲtɑᶜ ɑzʷⱷʕlsʳ .

ʈ j,lstɑtsⱷʕlsɑ[ɘʐ j, ɘtsfɲʃtsɑ3ɑ[ɑʞⱷɑzɑ[ʷ

ʂ ʕtsɑzʯlz fɲɘtsj2 ʏ ɑ[ʟɑzɑ[ⱷɑzɑʞⱷɑ[2fɲʃɑ[2 ʕtstɑtsɑʐ ɪj,tstɑɢIV lzвj,ʏ ʜⱷɑzɘfɲj⊐ ɘ lstsɑ3 ʯlsts tsɑzlzʯⱷfɲsɘtsɘⱷɑzɘ вɑ[lsɘj,tʃtɑɔ[.I ⱷlsj,tɑɔɑzsts ɑ[ʜⱷʏj,ɘtsʜɑ[ɑzɘ ⱷlsⱷʕlz ʕⱷɘⱷj,tɑj tɑɔ[ᵡ . ʅ ɑ[ʯj,ɢtsᵘ lstsɢts ɑj вʳ ɑzs, ɑzs ɑ[fɲʃⱷʏ ⱷɑz ʷⱷʕlsʳ ɑzʒsɑzⱷɑ⊐ ɑj ɑzⱷɑzɑzs. ∫ ɑzʜj2fɲsɘɑ[lsj ɑz ɑzs ɑ[fɲʃtɑj ɑzɑj ɘj,tɑɔ[ɑzɘ lsts, ʯlsts fɲsɘj,tɑʰ ⱷɑz ɑ3ɑzsɢtsʯɑ[fɲɑj ɑzɑzʐ j tʃtsʜɘɑ[ɢɑ[. ʅ ⱷfɲⱷɑzʒsɑ3ʜj ɑj lz ɑj ɢtsвʳ ɑzs ɑzsʏ ɑzsj ɘtsfɲʃtsɑ3ɑ[ɑⱷɑzɑ[j, ɑzⱷʟʳ ɘⱷj ɑ3sj tʃfɲj ɘʜtstɑj ɑ3ɑ[ɑzɑ[fɲʯj ɑzʯɑ[ɑ[j2, ʕtslststɑtsj fɲʯɑ[lsⱷj lsfɲʸ ɑzⱷɑzʰ j ɑzɑ[j ɑ3ɑj ɘtsfɲʃtɑtsɑ[lɘj ʜj ɑzɑ[ʷ, ʕⱷʕ, ɑzⱷʃtɑɔ[ɑ3j tɑɔ, tʃtɑɔ[ⱷʯɑzsʟɑ[ɑ[, ⱷfɲs⊐tɑⱷɑzj ɑzɑ[ʷ fɲɑjʜtsɘ tʃⱷɑ3ʷlsɑ[.

ʅ fɲj ɘʜtstɑj ɑ3ɑ[ɑzɑ[fɲʯj ɑzʯɑ[ʷ ɘ ɑj ɢʕtsʔ ʷʷtstɑɔ[j ɘfɲstɑj ʯⱷ)lsfɲʸ ɑ[lz lʜtstɑtsɘʳ ⊐ ɑzʐ ʜj2. ʅ ⱷʃtɑɔ[ɑ3j tɑɔ, fɲsⱷɘ fɲɘɑ[ʜj lsj ɑj ɑ3ʕⱷʕtsɢts-ɑzɑ[вlzʜᵘ tʃtɑj fɲsɘlzʃɑj ɑzɑ[ʷ, ʯj ɑzsɘj ʕ ɑ3sʏj ls tʃtɑɔ[2lsɑ[ɘ fɲsfɲsᵘʷɑzɑ[j ɘtsʟвlzʏ ʜj ɑzɑ[ʷ ɑ[ʟⱷɘɑ[fɲʜj lsj ɑzʐ fɲsɘlzj ls lsts, ʯj ɢts ɑj ɘɑ[ʜj ɑzɑ[ɑj ɑ[fɲzʰ ⱷɑz, lzfɲʃtsʕtsɑ[ɘʰ ɑ[fɲʸ, tsɑzɑ[ʟɑ3j ɑzɑ[ls tʃtsʕⱷʕlⱷɑzɑ[ʷ, ʯj ɢts ɑj ɑzʐ lʷ fɲʕⱷʕlⱷᵘ ts вtsɑzʐ ɑz⊐. ʜ ɑj ʜfɲsɘj ɑzɑzʐ ɑ3tɑⱷɘtslsɑzɑ[ʕⱷɑ3ɑj tɑⱷl tʃtɑɔ[⊐tsʜɑ[lsfɲʸ ɘfɲstɑj ʯⱷ)lsᵘ fɲʸ fɲ ʕtɑɔ[tʃlstsɑ3ɑj ʟɑ[j2: tsвtɑⱷl ɑ[ɑzɑ[tʃtɑj ʜfɲsⱷɘɑj ɑzɑ[j ɘʜtɑzɢɑzɑ[ʰ ⱷʸ lsfɲʸ

Gjʔdʒfŋtscfdʒcf ɨ ʕfŋʃjtɶcfdʒjdɮsOdʒcf dɮOɕdwHdɮs tʃtsʕOLOdɮcf, ɯlsts lsOʕcfdʒtsBtɶOLtsdʒdɮsʏɣdɮs LOfŋsO∂cflsᴵ
tʃtstɕʷHtsɯqɮsGts ɯjdɮsəjʕO∂tʃtsdɮdjᵩ cfnʃtɶjdɮdjᵩ HOlsᴵ dɮsʏdzˠ j tʃtsʕOLOdɮcfʷ. ʃ tsʏdɮs ∂dɮzʰ cflsᴵ ɯjdɮsəjʕlz,
ɯlsts tsdzLOdɮʷdzlz HtɶdzɕtsGts Hjdzˠ GɕcfˌLOfŋsO∂cflsᴵ tʃtsəjtɶcflsᴵ, ɯlsts tsdzHOdɮtɶOfŋʃcfnʃʕlz, cf ls. H.
Ildʒfŋtsts lstsGts ɯlstsBʳ tʃtɕʷdʒʂs ∂dɮzʰ Olsᴵ ə fŋtsdʒdɮOdʒBlzdɮcfLdʒj ɯlsts-dɮcfBts LOBʳ lsᴵ, dʒʂsʏdɮs ∂ʳ LəOlsᴵ
tʃtɶjHfŋsO∂djdɮcfʷ, djᵩ fŋtstslsəjlsfŋsəlzᵡ ʃʰ cfj tɶjOdɮzdz dʒfŋtsBʳ lscfʷdʒtʃtɶtsʰ dɮsGts, tʃtɶcfHO∂ cfdʒ̃OɶOʕlsjtɕ
ətsfŋʃtsdʒcfdɮOdɮcfʔ. ʕlsts dɮOLʳ əOjlsfŋʸ tɶjlstɶsOʕlscfədz dʒətsfŋʃtsdʒcfdɮOdɮcfj dʒ lsts j fŋtsᴵ tsBdʒOdɮɯcfəʳ dʒ
cfdɮdzᵡ LtstɶdzˬdʒGOdɮdzᵡ ɯcfdɮOlststɶdzˬdʒ j djOjlsfŋʸ ɨlsts lsOʕ: ə∂dɮzʰ O lsfŋsdʒdɮOdʒBlzdjᵩ, ɯlsts ə lsOʕtsʔ-lsts
dɮsdʒjdɮs tsdɮOəcfHjdɮOlsts-lsts, fŋtsəjtɕʰ cfdɮOlsts-lsts. ʕlsts tʃtɶcfətsHcflsʕlstsdʒlz, ɯlsts fŋtsLHOdɮdɮsj ə dʒtsLGlz
cfLtsBtɶOɨjdɮcfj tʃtɶjHfŋsO∂dzᵡjlsfŋʸ ʕOʕ ɣɨcfətsj ətsfŋʃtsdʒcfdɮOdɮcfj, cf tʃtɶcflstsdʒdɮOɕfŋstsdzʕtsʷtɶʕtsj, ɯlsts tsdɮs
ʕOɨjlsfŋʸ djᵩtsʃtɶtsəjtɶɣɨcfdʒtsʔ cfŋtsɕcfdɮstsʔ.
l OʕtsdɮajtɶlsOʗɕjOlstɶOGɕcfʃtɶdɮsLOlz Ltɶcflsjdjᵩʔ ərLʳ əOdɮcf cfdɮsjtɶjfŋfɕjᵩHlzᵡ ʃʰ cfj dʒʃcfdɮcfOlsᵡ tɕʳ .
Ildɮzʰ OdɮOfŋ ʕOʕOʸ-dɮcfBts LOBO∂dɮOʸ djᵩGjdɮHO, ʕtslststɶdzᵡ fŋtsdʒdɮOdʒBlzdɮOʃtɶcfdɮcfdʒOdɮOʕOʕ ʷOʕls fŋɣtsjʔ
Bcftsɣtɶ∂Oʷcfcf. l Oʃtɶcfdʒjtɕ: çIʳ jfŋɣlzdzlsOʕtsɣts-lsts tʃtsdɮOˌ ətsətɶjdʒʷ ətsjdɮdzˬ ʗ BOlsOdɮcfʔ əOdʒtslststɶ∂Odɮs
tɶzʕlzè. ɾ Odɮjj Hcfʕlstsə∂Odɮcffŋ əfŋjɨdʒsɯcfcf, ʕtslststɕʳ j tsdzˬBlzHjlscffŋʃʳ lsʳ əOlsᴵ, tɶ∂fŋfŋʕOʳ əO∂ʸ fŋɣtsᵡ
Bcftsɣtɶ∂Oʷcfᵡ . ɪ tɶjHfŋsO∂ɪlsj fŋtsfŋstsʷdɮsfj Ltɶcflsjdjᵩʔ, tʃjtɶjH ʕtslststɕʳ dʒ[dɮstɶ∂dʒOdɮzdzˬʔ ɯjdɮsəjʕfŋdɮcfɯtsdʒ
djᵩ HtsʃlzfnʕO∂ʸ ʃʰ cfdʒdɮcfʕOʕcf̃ ətsLtɶOɨjdɮcfʔ, tɶ∂fŋfŋʕOʳ əOjlsʃtsHtsBdzˬj djᵩBʳ dɮcfɯʳ .
R tʃtʃtsdɮclsɹjtɶdɮsjʔdʒtʃtɶcfətsHcflstsʃʳ lstɶjlstɶsOʕlscfədɮsʔ GOdɮzˬ ɯcfdɮOɯcfcf, ʕtsGHOtsdzə∂dzʰ cfdzʃ Odɮcfcfɹ.:
ç3 O∂GlzfnʕO(ɯjlsʳ tɶj dʒjfŋɣɯOdɮOLOH), ə tʃtsdɮsəcfdjᵩ ɯjlsəjtɶlstsGts tʃtsʃtsdzˬHdɮcf, ərətsLətɶOᵍ Odɮcffŋ Htsdʒʂʔ.
ɪ tɶtsʔHʷ tʃjtɶəʳ ʔɨlsOɨ, ərlzfnjzʰ Odɮcf ʕtɶcfʕcf, tɶOLHO∂Oʰ cfjfŋʸ ə tsHdɮsʔ cfL ʕtsdʒdɮOʕs. ɪ tsfnjʒslstɶjᵩə ə
LOdɮsɯqɮsᵡ fŋʕəOɨcfdzˬ, ərlzəcfHjdɮcf, ɯlsts ʕOʕtsʔ-lsts tɶtsls. Ilr tslsɯjlsdɮcfətsəcfHjdɮcf, ʕOʕ Hjətsɯʕtsʔ.
Hjətsɯʕtsʔ. ʃ dzˬLOɨOdzjʔ ɯjdʒ-lsts tɶtsls. Ilr HtsfnjʕOlstsɯqɮsᵡ ʗtsɶtsʰ tsəcfHjdɮcf, ʕOʕ HjətsɯʕOfŋtsʃtɶtslscfə∂dzʷdɮOfŋ, ʕOʕ lz
djᵩjdɮOɯqɮsfŋ ʕtɶsətslsjɯjdɮcfj. Ilr HtsfnjʕOlstsɯqɮsᵡ ʗtsɶtsʰ tsəcfHjdɮcf əfŋjɨlsts, dɮs Bʳ dɮcflsʕ tʃtsɶtɶOɨjdzˬ,
ɯlsts, əjtɶdɮzəʰ cfŋfŋ ʕ fŋjBj, djᵩ fŋɣtsGdɮcf fŋɣtɶOLz LOᵛəcflsᴵ ts fŋɣlzɯqɮəʰ jdʒfŋʸ. ʂtsGHOəʳ tʃtɶtsfŋɣljlsjfŋ, ts
tʃtɶtscffŋʰ jHʰ jdʒcfdɮɯqɮHjdɮsj Hlzdʒ̃Olsᴵ djᵩ Blzjlsj. R cfdjʔlsj ə əcfHlz, djᵩʷ ə∂Oɨdʒtɶ∂Ofŋʕ̃OLOɨdɮts
tʃtɶtscffŋʰ jfŋɣlsəcfcf cfɨlsts Bʳ dzdjᵩ fŋtsdzˬcfdɮcf əcfHjdɮcfj, Ofŋɣlzɯqɮcfdɮsfŋɨlsts fŋtsBʳ lscfj dɮOfŋɣljlsdʒHjdjᵩ.
l Oʕtsdjᵩɯ, LOʃtsdʒdɮcflsj,

ɾ ɑʃɑɑz ʜɟ ɑO ʊ lztɑɟ ls ls

ʃ tʃtɑɑʃfɲɟlsfɲʃsɔɑʃɑ ʂtsɑzɑɟɢ ɑ-ɔtɑOɥɟʔ ɾ ɑʃɑɑz ʜɟ ɑO·ʊ lztɑɟ lsls ɔɑɑz ɑʃɑz.ɪ ɑO·ɑz ʃ., ɥlsts tsɑɑʃ ɑɑG⊐tsʜʷlsfɲʸ tsʜɑɑʃ ɔ ʙɟ fɲɟʜʂɟ ɹ lzɑɑsɑɑfɲʂtsɑ ɑɟ fɲOɑʃ, tɑO.lzɑʃɟ j lsfɲʸ, ɑɑʃʂlsts ɑɟ fɲɑz ʰ ɑʃls ɑʃ⊐ tɑO.lɑtsɔtstɑ. ʃ ɑɑtsʙɟ ʰ G·ɟ ls tʃtɑsʂ·Osɑʃlsᴵ fɲʸ fɲɑɟɟʔ ɑɑOtʃO·ɑɑs⊐tsʜɟ ɑ tʃ tstsʙɟ ʜO·lsᴵ ɔ tɑɟ fɲlststɑO·ɑɟ, ɑɑs lstsɑz ʂts tʃ tsfɲɑɟɟ lstsɑts ʂG ʂ tsɑɑO·tslstɑO·ɔɑʃls ɾ ᵏ ɑz. ʃ tʃɟ tɑɔlzᵏ ɑɟʃɑʃɑzlslz tsɑɑɔtsLɑɟʒʰ ɟ ɑɑɑs LO·ʸɔɑʃɑO· çC ɑɟ tʃtɑɟ fɲlslzʃɑɑʂɥO· ɾ ᵏ ɑz ð ɑʃʃɑʃz ʔ ɥɟ ɑɑsɔɟʂ, ɑʃʷ ɑɟ fɲlsO·ɑz ɔʳ tʃtsɑɑzʷlsᴵ ɹ lsts tʃtɑɟ fɲlslzʃɑɑsɟ lzʂ·OLO·ɑʂɟ è. ʂ tsɑʜO·ʞɟ ʊ lztɑɟ lsls fɲtstsʙʰ ɑʃɑzɟʔ, ɥlsts ɾ ᵏ ɑz ʷɔɑʃɑzɲʷ tʃtɑʃɥɑʃɑɑsʔ ɟɟ tɑO.lɑʃtsɑzʂɑʃ fɲɑ-ʞ tsʔ R, ʂtslststɑzᵏ tsɑʂ·Otsɥɟ ɑz ʙɑʃɑʂ·O, tsɑʂ·fɲtsɑʂɑʂ·ɑʂ·fɲɑʃɑʂ·fɲ. (l ɟ ɑʃɑɑsɑʂts ʞɟ tʃtslstɑɟ ʙtsɔ·Oɑtsfɲ tsfɲɑtsɔO·ɑʂɑʃʔ ʜɑz ʙzʙɑʃʔfɲtsɔO·l) ɹ fɲɑɟɟʜlzᵏ ʰ lzᵏ ɑʃɑʃɑzlslz ʊ lztɑɟ lsls ʜɟ ɑʂ·ɟ ls ɟʔ tʃtsfɲtsɑʂ·ɑʃɥʃɑʃɑɑslsɑʃɥɟ fɲʂtsɟ ɔɑɑzʰ ɟ ɑɑʂ·ɟ: çɹ fɲtsO·ʂɑʃ·ɑɟɟ tʃɑʃɔ·OtɑO·fɲtsɔtstɑɟ ɑz"ʷʜ", tʃtɑtsʙlzʜɑʃɔʰ ɑʃfɲ, ɔʳ ʜtsɑzɥɑʃ ɑz LO·fɲtsO·ɔɑʃlsᴵ ɑ-ɑʂ·Oɾ ᵏ ɑz ʷ ɔʳ tʃɑʃlsᴵ fɲtsʜɟ tɑʞɥɑʃɑʃsɟ fɲtsO·ʂ·ɑʂ·O·è. ʀ ʜtsʙO·ɔɑzɟ ls: çʏ lsts ʙʳ ɑɑʃ fɲɑʃzɥɑʃɑɑsfɲ, ɔʳ ɑɟɟ ɑtsɔtstɑɑʃlsɟ, ʂlsts LO·fɲtsO·ɔɑʃɑzɔO·fɲfɲtsɔɟ tɑʰ ɑʃlsᴵ tʃtɑɟ fɲtslzʃɑɟɟ ɑɑʃɑɟ, ʜO·ɥɟ ɟ fɲɑʃɑʃ ɔtstʃtɑtsfɲ ʙlzʜlzls LO·ʜO·ɔO·lsᴵ ɔ ɑʃɑʃɑɑʃɑɑsfɲsɑʃɑɑO·ɑʂɔʙlzɑʃɑLɑʂɟ è. ʊ lztɑɟ lsls ɔʳ ɔtsʜɑʃls ɟɟ ɑʃL ɑʃɑʃɑɑsLO, tsɑʂ·Olzɑz ʙO·ɟ lsfɲʸ, tʃts-ɔɑʃʜɑʃɑʂsɑʂz, ɑɟɟ tʃtsɑʂɑʃɑʃls lstsɑts, ɥlsts tsɑzɟʔ ɑtsɔtstɑɑʃɑz(Gilles de la Tourette, 1887).

ʃ O·ɑz ɑɟɟʔʰ ɟɟ ɑʂ ɹzLɑɑ·ɟ ɑʒtsls fɲɔ·ɑʂtsɑts ɾ ᵏ ɑz, ʂtslststɑʳ ʔ tʃtsɑʂɟ fɲɑsɑʃɑzɔ ɑO·ɟ lsɟ çTempsè fɲɑO·lsᴵ ᵏ , tɑO·fɲfɲʂO·Lʳ ɔO·ᴵ ʰ lzᵏ ts tʃtɑɟ fɲɑlzʃɑɑsɑʒɔɑzʰ ɟ ɑɑʃɑʃɑ ʊ lztɑɟ lslsO, ʞɟ tɑlsɔtsᵏ ʂtslststɑtsɑʂts tsɑzfɲɑO·ɑz. ɹ tsls ɥlsts tsɑz tʃɑʃʰ ɟ ls: çC ʙʳ ɑztslstɑO·ɔɑɟ ɑzʜɑɑsʔ ɑʃL fɲʜɟ tɑʞO·ᴵ ɑ⊐fɲʸ ɔ ʜ O·ɑz-tʃɟ lstɑʃɟ tɑɟ ʞɟ ɑzʰ ɑʃɑz, ʂtslststɑtsʔ ʙʳ ɑO· ɔɑzʰ ɟ ɑO·ɑʃɥɟʷ lzɑʒɟ tɑlsɔɑʃlsᴵ ɑʒɟ ɑzʸ tʃtɑʃ tʃtsɑʒʂʰ ɑʃ ɑʒɑzɑʃɑʒsɑʂts ʷʜO· l Gfɲɔ ɑO·ʙtstɑO·lststɑʃɑʃ ʙʳ ɑɑs 8 ɥɟ ɑɑsɔɟʂ, ɔfɲɟ tɑO·ɑɟɟ ɟ ʙʳ ɑɑʃ Lɑzʂtsɑʒ fɲɑ-ʞ tsʔ ɹ ɑO·ɑz ɹ. ɹ., ɑʒtsɑɑsʜtsʔ ʞɟ ɑzʰ ɑʃɑɑsʔ fɲlstsɑʂɑʃɑʒɑʃ ɑ tʃtɑʃʷlsɑz ɑʒɑʃ ɥɟ tɑlsO·ɑʒɑʃ ɑɑʃɥO, fɲʜtsʙtɑ ɑʒɑʃ ɑ fɲtʃtsʂtsʔ ɑz ɑʒ ɑʃɑʃ ɑʂtsɑzʙʳ ɑʒɑʃ ɑɑO·LO·ɑʒɑʃ. l G⊐tsʜʷfɲ ɔ fɲtsɑʒɑʂO·ɑʒʙlzɑʃɥɟ fɲʂtsɑʒ fɲtsfɲtstsʷɑʂɑʃ, ɹ ɑO·ɑz ʰ tʃtsɔɑʃɑɑsɔO·ɑO·fɲ ɔfɲɟ ɑʒɔɑzʰ G·ɟ ɑʒ ɑʒɟʔ ɑʃʜɟʷɑʒO·lstsɑʒO·lsɑʃɥɟ fɲʂɑʃ.

ʜ ɑɟɟ ʜlzʷ LO·ʜO·ɑzɑʃᵏ , tsɑʂ·Otʃtsʜ⊐tsʜɑʃls ʂ ʂO·ʞ ʜtsɑzʃ ɑL ɑʂ·fɲɑʃ ɑʃɑɑsɟ tɑɟ fɲʃɟ lsfɲʸ, ʂG ʂ ɑʂ·ʰ ɑʃ ʜɟ ɑʂ·, tʃtɑʃ ɹ lstsɑʒ ɑɑʃɥɟ ɑʒɑʃ ɔʳ ʜG·ɟ ls fɲɔtsɑ⊐ ɑʂ·ɑʂɟ tɑɟ ɑɑʃɑʔ. ʃ ʳ fɲɑz ʙtsʃʳ lsfɲɔtsɑʒ fɲɑʃɔtslstɑʃɑʒʜtɑzɑʒ ɑʂ·ʜtɑzɑʒG·, LO·ʷlsʳ ɟ tsʜɑɑsʔ ɑʃɑʰ ɹ ɑʒ fɲɑzᵏ ð lzHOɲfsfɲʸ ɑʃɑʃ tsʃʳ ls? ʍtslsɟ ɑɑsfɲ

זס־כ[ח ן שי תכ־סש ל־ף ז, ת־תשחף־תשז ף־ז תשזכ־ס־תש־ף־ס ר ס־זכ־סזכ־ס־תכ־ן־כ־ז ף־תת־ת־שש־כ[ס־ז כ־ן ן ס־זכ ח כ[ן תשגת־סת־תשכ[ס ף־תת ס־ף־ן כ־ן־ת תשכ־ס־ת־ת־ס־ן־ת־ן־ן־ן

ɹ ɖzɑ̈ɑ̈ʰ ɘj ɖzɑ̈ɔfɲ ʙʷ ʕɑ̈ʕ ʧʃtsʜtsʟtɕ̧ ɘɑ̈ɔ̧ ɖʒɑ̈ʸ, ɘ fɲʂtɕɑ̈ɔ̃j ʟɑ̈ʱ ɑ̃ʰ ɑ̈ʱ ʰ ɑ̈ʸ fɲ̧ ʙʷ ʧj tɕ̧ ʜ fɲɑ̈ɲ̧ ʜtsɘɑ̈ʂ̧ ɖɲ̧ ɖʒ ʂ lsts-lsts ɠtɛtsɖʒʕts ɘtsʟɘj fɲʂɔɑ̈ɔ̃ʃ, ɑ̃ʜj ls fɲɑ̈ɲ̧ ʜtsɘɑ̈ʂ̧ ɖz, tsɖzfɲʂfɲʂɑ̈ɔ̃ɑ̈ls ʧtɛtslstsʕtsɖzts lstɛɑ̈ɠɑ̃ʊ̧ fɲ̃tsɖʒʧtɛtsɑ̃fɲ̃ j fɲʂɘɑ̃ɑ̃". ɹ ⊐tsʜɑ̃ls ʌ ., ʕtslststɛtsɠts tsɖɑ̈ɔɖɑ̈ʕtsɠʜɑ̈ɔɖɲ̧ ɘɑ̃ʜj ɖɑ̈ɔ ʃ ɖzɵtsʧtɛɑ̈ʸ ɑ̃ɘɑ̈ɔ̧ ls fɲɑ̃ʜj lsj ɖɲ̧ʔ ɑ̃ ʟɑ̈ʧɑ̃fɲ̃ ɘɑ̈ɔ̧ ls ʧtsʕɑ̈ɔʟɑ̈ɑ̈ʷ. ʂ tsɠʜɑ̈tsɖzʟɑ̈ʕtsɖɑ̈ʃɑ̃ɖztsʧtɛtsfɲ tsʙtɛɑ̈ʂɑ̃ɖzɲ̃ʸ ʕ ɹ ɖɑ̈ɔɖʰ : "ɹʳ , ʕtsɖɲ̧ ʃɑ̃ɖzʂ, ɖɑ̈ʃɑ̃ʃɲ̧ ɠtʂ ɖɲ̧ ɘɑ̃ʜj ɖɑ̈ʃ ɑ̃ ɖɲ̧ ʧtɛɑ̃ʃɑ̃ɑ̃ɔfɲʂɖz ʕ ɖɲ̧ fɲɲɑ̃ɑ̃fɲʂʱ ʁ ? ʊ̈j ɖʒɖɲ̧ ɖʒɲ̧ ɖɲ̧j ɖɲ̧ls ɖzɑ̃ lz ɘɑ̃fɲ ʧtsʜtsʟtɕ̧ ɖɑ̈ʃʔ tslsɖzʂfɲʃlsj dz ɖzʂ ʧɑ̃ɘɔ ɖɲ̧ tslstɛɔɖɲ̧ ɖzʂ ɖzɑ̃ tsɖzʂ?" ð "ʃ tsɠlz ɘɑ̃fɲlzɘj tɛɑ̃lsʱ , ʃɑ̃stsɬ lstsɠts ɖɲ̧ ɖʒtsɠɖzʂ ʙʳ lsʱ . ɾ ɘj ʜʱ fɲɑ̈ɖʒɔʧɑ̃ɖzɔɑ̃ʟ j ɠts fɲʂɔʕɑ̈ɖɑ̈ɔɑ̃ tsfɲʂɔɖzɠfɲ , ʕɑ̈ʕ ɘʳ ɘɑ̃ʜɑ̃lsj , ʃɑ̃j ɖzɔɑ̃ɑ̃ ɖɲ̧ ɘtɕ̧ ʜɑ̃ɖʒɔ'è. ʕ lstslsɬ ʕfɲ̃j tɛɑ̃ɖʒ̧ ɖzʂ ʧtɛtsɑ̃ʟɘj dzɖɑ̈ɔʂ ɖzɔɑ̈ɕ̧ lslsɑ̃ fɲ̃ɖz ɖzʂj ɘʧj ʃɑ̃j ʊ̈ɔlsɖɲ̧ ɖɑ̈ʃɑ̃j . ɾ ɔɑ̈ɲ̧ j tsɖzʧɑ̃ʰ j ls fɲʙtsɖzʰ ɑ̃ɖʒ ʧɔʷ tsfɲʂɖʒ ç↴ tsʕtstɛɖɑ̈ʂfɲʂʱ ʃɑ̃j ɖɑ̈ʂɘj ʃɑ̃j fɲ̃ʕtsɠts fɲʂʰ j fɲʂɘɔɘɖɑ̈ʰ j ɖɑ̈ʃʁ , ɘ ʕtslststɛtsɖʒtsɖɑ̈ʂ ɖɲ̧ tslsʜɔɲ̧ ls fɲ̃j ʙj tslsʃɲ̧ lsɔ) ʧtsʜɔɘɖɲ̧ ɖɑ̈ʃɲ̧ ɘtsɖɑ̈ʃ ʧtɛtsɑ̃ʟɘtsʜʷ ls lsʷ ʞ j ɖɑ̈ʂj ɘʧj ʃɑ̃j ʊ̈ɔlsɖɲ̧ ɖɑ̈ʃɲ̧ ... ɹ tsɖzʸ, ʃɑ̃j ɖɑ̈ʂɘj ʃɑ̃j fɲ̃ɔʸ ɘtsɖzʸ, ɠtstɛʜɔʸ fɲʂtsʙtsʜɔfɲ̃ʞ ʜj ɖɑ̈ʃʔ , ɠʜj ɘʳ ɖɑ̈ʕ⊐tsʜɑ̃ls j fɲ̃ ɘ lsɔʕɑ̃j ɖʒtsɖʒ ɖɑ̈ʂʳ , ɑ̃ ʃɑ̃stsɬ lsts ʟɔɖʒsʟɠ, ʕtslststɛʳ ʔ ɖʒtsʞ ɖɑ̈ʂ ɠɖɑ̈ʃɑ̈ls ʱ , ʧtsʜtsʙɖɑ̈ʂ ɘtsfɲ̃ʃʟz, ɑ̃ ɘ ʕtslststɛʳ ʔ, ʕɔʕ ɘ ɖʒɔfɲɑ̈ʂ, ɖʒtsʞ ɖɑ̈ʂ ɘɖɲ̧ ʜtɛɑ̃ls ʱ fɲʂtsj ɠts tɛtsʜɔʃɖzɖʒtsfɲʂɘj ɖɑ̈ʃɑ̈sj ʕɖɲ̧ʔ ɖʒtsʞ ʧtɛɲ̧ fɲʂʃɑ̈ʃʟzʧɖɑ̈ʃʁ ɑ̃ʜj ʁ ? ʏ j ɖɑ̈ʂɘj ʕ ð ʃɑ̈ɔɛ ʞ ɑ̃ɘtslsɖzʂ ⊐. ʂ lsts ɬ lsts fɲ̃ɔʟɔɖʃ ɬ tɛɑ̃⊐tsʜɑ̃ls ɬ lstsls "ʃɑ̈ɔɛ fɲʂʟʜɔɖɑ̈ʔ", ɑ̃ ɘ j ɠts ɖʒsʟɠ ʧtsɖɲ̧ʰ ɔʸ ls, ʧtsʜtsʙɖɑ̈ʂ tslstɛɔɖɲ̧ ɔɑ̈ʃɑ̈sɖʒz ʟj tɛɑ̃ʃɑ̈z, fɲʂtɛɔʰ ɖʃɑ̈zʁ ɑ̃ɑ̃ʜj ʁ , ɑ̃ ɘɑ̈ɔ̃fɲʂj ɖɑ̈ʃtɛɑ̃ʃʧtsʕtstɛɑ̈ʂ ʧtsɘɑ̃ʃɑ̈ʃʃ ɖɑ̈ʃʜtsɑ̃ʃɑ̈sɖʒz ɘɑ̈ʃʰ j ɖɑ̈ʂʁ . ʁ ɬ lsts ɑ̃fɲʂɑ̃ʃɑ̈ʂɔ) ʟzʞ ɔfɲɑ̈ʃʸ, ʞ j fɲʂtsʕɔʸ, ɖʒtɛɔʃɑ̈ɔʸ ɑ̃fɲʂɑ̃ʃɑ̈ɔ è

ʕ lsʃz ʧɔɬsj lsɑ̃ʃɲ̧ fɲ̃ʟzʁ tɕ̧ ʃɲ̧ʳ , ɬ lstsls ʕtɛɑ̃ʕ ʜʃzʰ ɑ̃ ʕtsɖʒɖzj ɖʃɑ̈sɑ̃ʧtsɘɔʟʱ ɖɲ̧ ʙʃzʜj ɖʒ ⌈ fɲɑ̈ʃɑ̃ʙʳ ʂ ɖɑ̈ɔɑ̈ɕ̧ lslsɑ̃, ʊ̈ʃzʧɕ̧ lsls ɑ̃ɖzɑ̃ ʃ ʲ j ʙts ɑ̃ ɑ̃⊐ʕtsɖɑ̈ɕ̧ ɠɑ̃ʃzɘɔɑ̃ʜj ɖzɑ̃ ʃzʧtsɘɔj ɖzʔ ɖʒɑ̈ɛɔɘɔfɲʂɔj ɖɑ̈ʃɑ̈sfɲʂɑ̃ɘ fɲ̃j ɠtsʜɖzʷʰ ɖɲ̧ ɖʒ ɖʒʕɑ̈tɕ̧j , ɠʜj ʙj ʟ ɠɑ̃ʧʃɖɑ̈ʂsʟɔfɲʂɘj tɛʰ ɔ̃j lsfɲʸ lsts, ʊ̈ʃsts ʧtɛɑ̃ʃ ʙtsɖzʰ ɑ̃⊐ʃzfɲɑ̃ʃɖzɑ̃ʷ⊐ tsɖɑ̈ʃ ʜtsfɲʂɑ̃ɠɑ̃ʃɖɑ̈ʃ ɘ ɠɑ̃ʧʃɖɑ̈ʂsʟj , ʙj ʜɖzʲ j ɖʒɲ̧ ʜɑ̃ʕɑ̃ʃ ʙʳ ɖɑ̈ʃ ʙʳ ʰ tsʕɑ̃ʃɑ̈sɘɑ̈ʃɖzʲ .

ʉ lstsɑ̃ls fɲ̃ɔʟɔɬsʱ , ʊ̈ʃsts ʟɔɑ̃ʃɑ̈ɖʒ̧ ɖɲ̧ɖʒɾ ʁ ɖzʲ ʂ ɖɑ̈ɔɑ̈ɕ̧ lslsɑ̃ fɲ̃ʕtɛʳ ɘɔ̃j lsfɲʸ ɸ tɛfɲ̧ ɖzɸ tɛɖɑ̈ʂ ʂ ɖɑ̈ɔɛtɕ̧ fɲɲɑ̃, ɑ̃ɖɑ̈ʃ ʂ ɖɑ̈ɔɛdsɑ̃, ɑ̃ʟɘj fɲʂɖzʷ ʔ ʷʷ tɛɔɛɖɑ̈ʕʟzʟfɲ̃ʕɑ̃ʃ ʞ ʜzʧtɛɖɑ̈ʕɖɑ̈ʃfɲʂɑ̃ fɲʂ , ʊ̈ɖɲ̧ ɖzʌ tɛɔɛɖɑ̈ʕʟzʟfɲ̃ʕtsʔ ɔ̃ʕɑ̃ɔɲ̧ ɖʒɑ̃ɑ̃ʃ. ʃ ɖzɔɛɘɬsʧtɛ tɛtsɖʒɔɛɖɑ̈ɔçɾ ɔɛɖzʃ tsʧtɛɖɑ̈ʕɛ̀, ɘ ʕtslststɛtsɖʒtsʧɑ̃ɑ̃fɲ̃ ɘɔʸ lsfɲʸ tɛɔʟɖɑ̈ʃʊ̈ɖzʲ j tsʧʳ lsʳ , ɖɑ̈ɔʙɖzʸ ʜɔ̧ ɖʒʳ j ɑ̃ɖʒɘ ɑ̃ʁ ɖɲ̧ 1884 ɠtsʜɔɘ ɠtsfɲʃɑ̃ʃlsɔɖɲ̧ ʉ ɔɛɖzʧj -lstɛɑ̃ʃj tɛ. ɾ ʁ ɖzʲ tɛtsʜɑ̃ɑ̃ɖzɲ̃ʸ ɘ 1840 ɠtsʜlz, fɲʂɑ̈ʃʊ̈ɔɛɔʙʳ ɖzfɲʂlstɛzʜɖɑ̈ʃʕtsɖʒ ɖʒɲ̧ ɖɑ̈ʃɑ̃⊐ ɠɔʟj ls çRappelè, çFigaroè ɑ̃ ʜtɛ. ɹ ʧtsfɲʂɖɲ̧ʜlzʁ ʱ ɑ̃j ɠtsʜʳ fɲʂtsj ʔ ʙlztɛɖɑ̈ʂʔ ʜj ʷ lsj ɖz ɖʒsfɲʂɑ̃ ɘʳ lɘɔɛɖzɖɲ̧ fɲ̃ʕtsɖzʕtsɠtɛtsɖʒʕɑ̃⊐ʧtsɖɑ̈ʃlsɑ̃ʊ̧ fɲ̃ʕɑ̃⊐ʧtɛtsʊ̧ fɲʂɲʂɘ, lsj ɖʒʊ̈ɬsts ɘfɲ̃ʕtɛʳ ɖzʟɖɑ̈ʂlzʧtslstɕ̧ ʙɖɲ̧ ɖɑ̈ʃʷ ɖɑ̈ɔʧtsɖɲ̧ tsɖɑ̈ʂɘfɲ̃ʕtsʔ ʧtsɖɑ̈ʃʊ̈ɑ̃ɑ̃. ɬ tsfɲɖɲ̧ʃ ʧɔʜj ɖɑ̈ʃʷ ɭ ɔʧtsɖɲ̧ tsɖɑ̈ɔIII ʂ ɖzɔɑ̈ɕ̧ ls-

[illegible] ç Tempsè, [illegible] 1885 [illegible] Comedi Francaise. [illegible]

[illegible] (Magendie), [illegible]

[illegible] (Kubie, 1961, [illegible] 218).

[illegible]

'ʃ ɖ⊐⊙ɖʃɗʒzɻ tsʇʷẇ j ls
lO𝔊ɖʃtʃɗʒslsɖʃlɖʃtɑtsəO⊙sᴵ ʕtsɠtɑs-ɗʒɖʃʙtʒʜᴵ tʃtsɗʒɖʃɗʒtsɻjɠtɑs ətsɗʒɖʃ ɖ ʃɳtɲsLɗʒ⊙ɗʒɖʃʷ, ʜtsɗʒɻ ɗʒ⊙ʙʳ lsᴵ O⊙ʙfɳtɲsɗʒ lsɗʒtsɻ tslsəjɻtɑɠɗʒzlsO⊙ɻ tsʜtsʙɗʒ⊙ʸ ɠɖʃtʃtslsjɻlOtʃtɑɖʃɠtɑsʜɗʒ⊙ɗʒɖʃʰ ɹ ə ʕ⊙ujɻfɳkəjɻ lsjɗʒʳ ʜɗʒʷ ʙɗʒɻfɳkʷʰ ɖ⊐ O⊙ʕ⊙ʜjɻɗʒɖʃɻujɻfɳʕɖ⊐ tʃtɑjɻɗʒɻɖʃ?, ɗʒtsɗʒɻɖʃɻ ɗʒtsɤɻjɻls əʳ ʜjɻtɑɤɻO⊙sᴵ fɳktɑtsɠtsʔ ɗʒ⊙zɻujɻɗʒtsʔ ʕtɑɖlsɖʃʕɖ (Culler, 1886).
ʊ O⊙ʕtsɠtsɤɻjɻ ɗʒɖʃɻɗʒtsɗʒɻɖʃʷ tʃtɑɖʃʜjɻtɑɤɻɖəO⊙ɗʒfʸ tʃtɑtsʷẇjɻfɳfɳtstɑɾ .ɹ O⊙ʙɖʃɗʒʕɖʃ?.
ɻ fɳgʃ⊐tsʷẇɖʃLɖʃtsɗʒtsɠʜ. ɗʒ ɗʒɤ∫ .ɻ .ɻ tɑɖʃɗʒO⊙ʕ tʃɖʃʰ jɻls: ç...jɻʰ jɻ ɖʃ fɳjɠtsʜɗʒɤʷ, ɖʃ ɗʒɻ lstsɗʒʕts ɖʃLɻ lzfɳjs ɗʒO⊙ɗʒstsʙtɑO⊙tsəO⊙ɗʒɗʒɤ ⊐ ɗʒʸ ʜjɻʔ, ɗʒtsʜO⊙ɻjɻ ɖʃL tɑO⊙ʙtslstslsʜjɻɗʒɤɗʒɤ ⊐ lzujɻɗʒɤ ⊐, ɗʒʒsɤɻɗʒtsʺlzLɗʒ⊙lsᴵʺ, ujlstsujɻɗʒtsəjɻʕ, ʺtʃtsʜʜO⊙ʸ ʰ ɖʃʔfɳʸʺ ɠɖʃtʃɗʒtsLlz, ʷəɗʒʷjɻlsfɳʸ ʺfɳgɗʒ⊙ʙtsətsɗʒɤɗʒɤ ɗʒʒʺ fɳyzʙʲ jɻʕlstsɗʒè. l O⊙fɳgɗʒʒtsɗʒʒʜjɻɗʒɻ əfɳjɻ tsʙfɳktsɖʃls tɑtsəɗʒtsɗʒ⊙ɗʒsʙtstɑtsls (ɻ tɑɖʃɗʒO⊙ʕ, 1978, fɳ 237). ɹ tsɗʒʷ ð ɻ lstsfɳgʃtsfɳtɲsʙɗʒtsfɳkᴵ tʃtɑɻjɻtsʜtsɗʒɻəO⊙sᴵ tʃtɑɻjɻtʃʷlsfɳkəɖʃʷ, fɳgʃtsfɳtɲsʙɗʒtsfɳkᴵ ʙtstɑtslsᴵ fɳy ɖʃɗʒɖʃ əʳ ʙɖʃtɑO⊙sᴵ ɖʃL ʜəlz⊐ ʜjɻʔfɳkəlzᵍ ʰ ɖʃ⊐ ɗʒtslsɖʃətsə tsʜɖʃɗʒzɻɗʒɻʜtsəO⊙sjɻɗʒɤɗʒ, ts ɗʒɻʔ ujɻɗʒɻfɳtstsʙtɑO⊙ɻɗʒtsɠʜtsətstɑɖlsᴵ lstsɠʜO⊙ʕtsɠʜO⊙əɗʒO⊙ɗʒɖʃujɻɖʃɖʃ fɳgʃlslzO⊙ujɖʃʷ ʙtstɑᴵ ʙʳ ɖʃ tʃtɑɻjɻtsʜtsɗʒɻɗʒɖʃʷ. ϕ ʕ⊙ʕ⊙ʸ ʙtstɑᴵ ʙO⊙tʃtɑɖʃ ʜtsʙtɑtsətsɗʒ ɗʒtsɗʒtʃtɑtsujɻfɳjɻj, ʕ⊙ʕɖʃɗʒʷəɗʒʲjɻlsfɳʸ ɠɖʃtʃɗʒtslsɖʃLO⊙ujɖʃʷ, tʃtɑɖʃ ujɻɗʒtsLʜjɻfɳj, fɳgʃtɑO⊙ʰ ɖʃəO⊙jɻlsfɳʸ, fɳgʃɖʃɗʒ ɗʒ⊙ʸ ɖʃɗʒɖʃ fɳgɗʒ⊙ʙO⊙ʸ ətsɗʒʷ? ɹ O⊙ujɻɗʒtsɠtsətstɑɖlsᴵ ts tʃtslsjɻtɑɻjɻ lstsɠts, ujɻɠts ɖʃLɗʒ⊙ujɗʒ⊙ɗʒɗʒ ɗʒɻʙʳ ɗʒtsɗʒ, ɖʃ, ɗʒʕ⊙ʕtsɗʒɻujɻ, LO⊙ujɻɗʒtsɗʒɤɻɗʒ⊙ətsɗʒʷ ə tʃtɑtsujɻfɳjɻj, ʕtslststɑᴵ ʔ tsfɳkʰ jɻfɳkəɗʒʷjɻlsfɳʸ fɳjfɳtɲsɠɗʒ⊙fɳgʃʷ ɖʃ ʜɗʒʷ tʃtsɗʒʲLʳ ɠɖʃtʃɗʒtslsɖʃLɖʃtɑɗʒjɻɗʒtsɠts, O⊙ɻjɻ ʜɗʒʷ jɻɠts ɗʒʕ⊙ʕ⊙ɗʒʒʷ? ʂ tstɑtsujɻ ɠtsətstɑɖlsᴵ, jɻfɳgɗʒ⊙ʃ tʃ⊙ujɖʃjɻɗʒtsʜ⊙ʃlsfɳʸ fɳjHjɻʔfɳkəɖʃʷɗʒɖʃ ətɑ⊙ujO⊙ʃ ujɻəɖʃʜɗʒtsɗʒɗʒ⊐tsujɻlsʙʳ lsᴵ LO𝔊ɖʃtʃɗʒtslsɖʃLɖʃtɑtsəO⊙ɗʒɗʒɤ ɗʒ⊙ lstsɻlstsɗʒɻ tʃtɑtsɖʃLtsʔHjɻls, ʕ⊙ʕʙʳ ɗʒɖʃ fɳkəO⊙ɑ⊙ɗʒfʸ ɠɖʃtʃɗʒtslsɖʃLjɻtɑ.
ɹ tstʃtɑtsfɳgʃtsHO⊙əɗʒɻɗʒɖʃʷ ətsɗʒɖʃ ə ɠɖʃtʃɗʒtsLjɻ tʃtsfɳkəO⊙əɗʒɻɗʒɤɗʒɻʕtsɑtɑjɻʕlsɗʒtsɑ. ɻ tɑO⊙ɖʃɗʒɤɗʒɻjɻ fɳʕO⊙LO⊙kᴵ, ujlstsfɳkəɗʒ⊙ɗʒɤɗʒʙlzɗʒO⊙ɗʒɖʃʙtsçɖ⊐tsujɻlsè lsO⊙ʕ, ʕ⊙ʕ⊐tsujɻlsɠɖʃtʃɗʒtslsɖʃLjɻtɑ, ɖʃjɻjɻ tʃtɑtslsɖʃətstʃtsɗʒtsɤɻɗʒɤɻjɻɗʒ⊙ɗʒʒʷ fɳgʃ⊙ʙtstʃtɑtsʷəɗʒʷᵍ lsfɳʸ ɖʃɗʒɖʃ ətsəfɳj əʳ ʕɗʒʸ ujO⊙ʸ lsfɳʸ,.ɗʒɖʃʙtsɤɻjɻtsɗʒO⊙ɗʒɖʃujɠtsɗʒɻ⊐tsujɻls, lstsjɻfɳkᴵ ə ɗʒɻʔ ɗʒɻlsətsɗʒɻətsʔ ʜjɻʷlsjɻɗʒɗʒɻɗʒɖʃfɳkəɖʃtʃtɑtslsɖʃətstʃtsfɳkəO⊙əɗʒɻɗʒɗʒtsʔ əɗʒʲʰ jɻɗʒɖʃᵍ, O⊙lsO⊙ʕɤɻjɻɗʒɻlstʃtɑtslsɖʃətstʃtsɗʒtsɤɻɗʒʸ ⊐ɤɻjɻɗʒ⊙ɗʒɖʃʔ. ʉtsɗʒɗʒO⊙ɗʒʙlzɗʒO⊙ətsfɳgʃtɑɖʃɗʒO⊙ɻlsfɳgtsɖʃʜjɻʔfɳkəɖʃʷ ʕ⊙ʕ fɳgtsəjɻtɑʰ O⁽ʸ ʰ ɖʃjɻfɳʸ tʃtsɗʒtsɖʃɗʒtsjɻjɻ ətsɗʒɖʃ (zɻ jɻtɑlstsʕɻ, 1992, fɳ 85).
ʂ fɳtɲsɤɻO⊙ɻɗʒɗʒɖʃᵍ, ʕtsɠʜO⊙⊐tslsʷlsfɳʕ⊙LO⊙kᴵ ts ɗʒO⊙fɳgʃɖʃɗʒɖʃɖʃ tʃtɑɖʃɗʒzɤɻʜjɻɗʒɖʃɖʃ ɖʃɗʒɖʃ ʜlz⊐tsəɗʒtsɗʒtɑO⊙ʙfɳkəjɻ ɗʒɖʃujɗʒtsfɳkɖʃ, ɖʃfɳgʃtsɗʒʲLzᵍ ls tʃtsɗʒʷlsɖʃʷ ɠɠɖʃtʃɗʒtsLè ɖʃ çəɗʒʰ jɻɗʒɖʃjɻè. ʃ ʜɗʒʕ⊙ʕtsɠɖʃtʃɗʒtsL, ə tslsɗʒɖʃujɖʃjɻ tslsɗʒO⊙ɑ⊙ʕ⊙tsLO⊙ɗʒjɻɗʒʲLʷ tsʙəɖʃɗʒɻɖʃlsᴵ ə ɗʒjɻɗʒjɻɠO⊙ɗʒɗʒtsɗʒɻəɖʃtstɑɗʒɤjɻɗʒɻɗʒɖʃɗʒɻəlstsɑɤjɻɗʒɻɖʃɖʃ ə ɗʒɖʃujɗʒtsfɳkᴵ. ɻ tɑO⊙ʕlsɖʃʕ⊙tʃtsʕ⊙Lʳ əO⊙jɻls, ujlstsə ɠɖʃtʃɗʒtsLjɻ ɗʒjɻ tʃtsʜO⊙əɗʒʷᵍ lsfɳʸ LO⊙ʰ ɖʃlsɗʒ jɻ ɗʒjɻ⊐tsO⊙ɗʒɖʃLɗʒʳ çɖ è, tsɗʒɖʃ ʜjɻʔfɳkəlzᵍ ls,

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Кафедра русского языка и литературы

Методические рекомендации по выполнению курсовой работы

Нижний Тагил
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ɑʃʟəjˌ fɳɟsɑʊzsɑʃtsʜCɟsfɳʃtsɑʃts ɑʒO·ɑʃɑʃdɟˌlsɑʃʟjˌtɑO·ɾ O·ɑʊzɑO·ʂ O·ɑɑɑO·ʍO·ɑʊzfɳjˌɑʊzO) fɳʃɬtslststɑʳ ɑʒʙʳ ɑʊzʜtɑɑzɤjˌjˌɑʊzˌʂɬOʃ ɑʃtsətstɑʷls, ʜtsɑʒO·ɑʊzʃɑʃˌ, ɑʊzˌɟˌ fɳɑʃɑʊzʊ(O·ɑʊzsfɳ) ɑʊzɑʃˌjˌɑʊzɑʊzɑO·ʙɑʊzˌ ʜO·ɟsᴵ, ʊɬstsʙʳ fɳɟsɑʒɑʊzO·ɑʒʙlzɑʊzˌ ɑʃtsətstɑɑʃɑʊzɑʃ ɑʊzO·ɑʃɑʊzsfɳɟstɑɑO·ɑʊzɑʊzsɑʒ ʷʟʳ ʂjˌ, ʂtslststɑɑsɑʃtsʙʳ ɑʊzɑO·ʸəlzˌɑʊzˌɟˌʟɑʊzɑʊzɑʃ. ʍO·ɑʊzfɳjˌɑʊzʃɑʃtɑɑʃəjˌɑʊzfɳɑʃʊʊzʊ(O·ʔ, ʃɟtɑɑtsɑʃfɳ) jˌʜʰ ɑʃʔ fɳɟtsʜɑʊzfɑʃɑʒ O·ɑʊzɑʃɑʃʔ fɳʃɑʃɑʃɑʒtsᵂɑʃʊjˌtɑɑtsɑʒəɸᵂᵂtɑɑʃʂjˌ, ʂtslststɑɑʳ ʔ ə fɳɟsɑʒɑʊzɑO·ɑʒʙlzɑʊzɑʃʟɑʒˌ ɑʊzˌɟˌtsɤɑʃʜO·ɑʊzɑʊzsʟGɟjˌɑʊzɑʃɟˌjˌfɳɑʊzˌ ɑʊzO· ɑʊzˌɟˌtsɑʊzᵂlsɑʊzsɑʒʜɑʊzᵂ tsʂtɑɑzɤjO·ʰ ɑʃ⊐ᵂʟʳ ʂjˌ. ʉ·ɑʊzɑʒtsɑʊzˌlstsɤjˌ ɑʊzˌɟˌʜtsGO·ʜʳ əO·ɑʊzfɳᵂ, ʂtslststɑʔ ɬlsts ʙʳ ɑʊzᵂʟʳ ʂ. ʃ ʂtslO·ɑʊzsfɳ), ʊɬstsɬlsts əO·ɑʊzɑʃʔ fɳʃɑʃʔ ᵂʟʳ ʂ, ʂtslststɑʳ ʔ tsɑʊzfɳɑʊzʰ O·ɑʊzəʜˌlsfɳtsəˌ, O·ɟtslststɑʒʟO·ʙʳ ɑʊz(ɪˌɑʊzˌʜɑʃʂls, 1880, fɳ 23).

ʂ fɳɑʊzsəlzfɳʃtslO·ɑʃlsᴵ, ə GɑʃɟɑʊzsfɳtsɑʒɑʃO·ɑʒʙlzɑʊzɑʃʟɑʒˌ ɑʊzsGɑʊzlsʙʳ lsᴵ ətsfɳɟtɑɑtsɑʃʟəjˌʜjˌɑʊzˌ ɑʊzˌlstsɑʊzʂtsʟO·ʙʳ lsʳ jˌ ᵂʟʳ ʂɑʃ, fɳtsʙʳ lsɑʃʷ ɑʃ fɳɑʊzˌ, ɑʊzs ɑʃ fɳtsʙʳ lsɑʃʷ ɑʃʟ ɟtslstsɑʊzsGɑʃʊjˌfɳʃtsʔ ɤɑʃʟɑʊzɑʃˌ, lstsˌjˌfɳlsᴵ fɳtsʜjˌtɑɤO·ɑʊzɑʃjˌ ʙtɑjˌʜO) fɳʊᵂʟO·ɑʊzɑʊzsGtsfɳʊʙtsɑʊzˌʟɑʊzᵡ, O·lsO·ʂɤjˌjˌəʳ ʜlzɑʒO·ɑʊzɑʊzˌjˌ. ʃᵡ ʙtsɟʳ lsɑʊzˌʔ fɳɑʊzʊ(O·ʔ ʙʳ ɑʊztslsɑʒjˌʊjˌɑʊzˌʌ tstɑʊzjˌtɑfɳ) ʊ ɑʃɑʊzfɳɑʊzsl (Forbers-Winslow) ə fɳtsʊɑʃɑʃɑʊzˌɑʊzɑʃɑʃ ɑʃçʃ lsjˌɑʒɑʊzˌ⊐ʙtsɑʊzˌʟɑʊzʷ⊐ɑʒtsʟGO·ɑʃ ʜlzʰ ɑʃè. ʃ tslsʊɬstsˌtsɑʊzˌ ɟɟɑʃʰ jˌls. ʃ ɑʊzO·ʊ(O·ɑʊzˌ XIX əjˌʂO·ə tsʜɑʊzsɑʒɑʃʟ ɑʊzˌɑʒjˌʊʂɑʃ⊐ɑtstɑtsʜʂtsə ɑʊzO·t jˌʔɑʊzˌ ɑʒtsɑʊzsʜO·ʸ ɑʊzˌɑtɑO·ɑʒtslsɑʊzO·ʸ fɳɑʊzɤO·ɑʊzʃO) ɑʊzɑ⊐tsʜʷfɳ ə ɑtstɑʷʊʂjˌ, əʜtɑlzɑGʟGɑtsətstɑɑʃɑʊzO·ɟts-ɑʊzO·sʳ ɑʊzɑʃ, ɟɟts-ɑtɑjˌʊjˌfɳʃɑʃ ɑʃ ɑʊzɑʃətɑɑʃlsjˌ. ʅ jˌɑʒO·ɑʊzsɬlstsɑʒzˌlzʜɑʃəɑʃəʰ ɑʃfɳ, ɑʊzsjˌʰ jˌ ʙtsɑʊzʰ jˌ lstsɑʒz, ʊɬststsɑʊzɑtsətstɑɑʃɑʊzO·ɑʊzO·tɑO·ɑʒ ʔ fɳʃtsɑʒ* ʷʟʳ ʂjˌ, ɑʊzO·ʂtslststɑtsɑʒ ʙʳ ɑʊzʃ ɑʊzO·ɟʃɑʃfɳO·ɑʊzˌ ʂtsɑʒɑʒjˌɑʊzsO·tɑʃɑʃ ʂ ɹ ɑʃʙɑʊzɑʃɑʃ, jˌjˌ ɑʒjˌʊO·ᴵ ɑʃʔ ətɑO·ʊtɑjˌʰ ɑʃɑʊzɑʊzɑʔlsɑʃ tɑO·ʟGO·ʜʂlzɬlstsɑʒzˌ ʊjˌzʜlzˌ ɑʃʟ ʊjˌzʜjˌ fɳ,ɪ tsfɳɑʒjˌ ʜtsɑʊzɑʃ⊐ɟtsɑʃfɳʃtsəˌjˌɑʒzˌlzʜO·ɑʊzsfɳ) lzfɳsO·ɑʊzəɑʃlsᴵ, ʊɬstsəʜjˌəʷlsᴵ ɑʒjˌlsˌjˌGtsɟʃO·ʊɑʃjˌɑʊzsʂO·ʊɤɑʃɑʊzʜtsɑʒjˌ tɑO·əəɑʃɑʊz) ʂtslststɑʳ ʔ ʊɑʃlsO·ɑʊzəfɳɑʊzˌ⊐ʂɑʊzˌGɑʃ ɑʊzO·tɑO·ɑʊzˌ⊐ʷʟʳ ʂO·⊐, ə lstsətɑjˌɑʒʷʂO·ʊ tsɑʊzO·fɳɟO·ɑʊzəfɳɟsfɳjˌʜɑʊzˌʅ ʂɑʊzɑʒO·ɑʊzsfɳ) ɑʊzˌɑʒjˌɑʊzˌʟɑʒˌ ɑʃ jˌʜʰ jˌʔ ə 1853 Gtsʜlzˌʙʳ ɑʊzs ɑʊzO·ɟjˌʊO·lsO·ɑʊzs ts ʙjˌʟGtɑO·ɑʒslsɑʊzsɑʒ ʂlzʟɑʊzɑʊzˌjˌ ɑʃʟ ʜjˌtɑjˌəɑʊzɑʃ ʙɑʊzɑʃʟ ɾ O·ɑʊzɑʊʃɑʃGO) ʂtslststɑʳ ʔ, ɑʊzO·⊐tsʜʷfɳ ə fɳɟsɑʒɑʊzsɑʒɑʊzɑʃʟɑʒˌ, ɟɟtsəlststɑʷɑʊzfɳɑʊzsəts ə fɳɑʊzsəts ɑʒɑʊzsGɑʊzˌjˌ ɑʊzˌjˌfɳɟsO·ɑʃʟ ɹ ɑʃʙɑʊzɑʃɑʃ, tsʜɑʊzʂts ə tsʙʳ ʊɬɑʊzsɑʒfɳɟsfɳjˌtsʷɑʊzɑʃɑʃ fɳʜjˌɑʊzsᴵ ɬlsts ɑʊzˌjˌɑʒɑʊzsG. ʂ lstsˌjˌʰ jˌ tsʜɑʊzs fɳɑʃɑʃʜjˌlsjˌɑʊzˌfɳɟsəts lstsGts, ʊɬstsˌtsʙʲ jˌɑʒɟO·ɑʊzʷlsɑʃ fɳɟsɑʒɑʊzsɑʒɑʊzɑʃʟO·fɳjˌjˌlsɟtsʜfɳɟsʟɑʊzsjˌɑʊzˌɑʊzsʔ fɳʷjˌtɑʳ ɑʒɑʊzsGtsʂtɑʊzsɑʊzˌlzəjˌɑʊzɑʃʊɑʃəʊjˌlsfɳʷ, ʊɬstsɟtsʟətsɑʊzʷjˌlsəɑʊzʜjˌlsᴵ

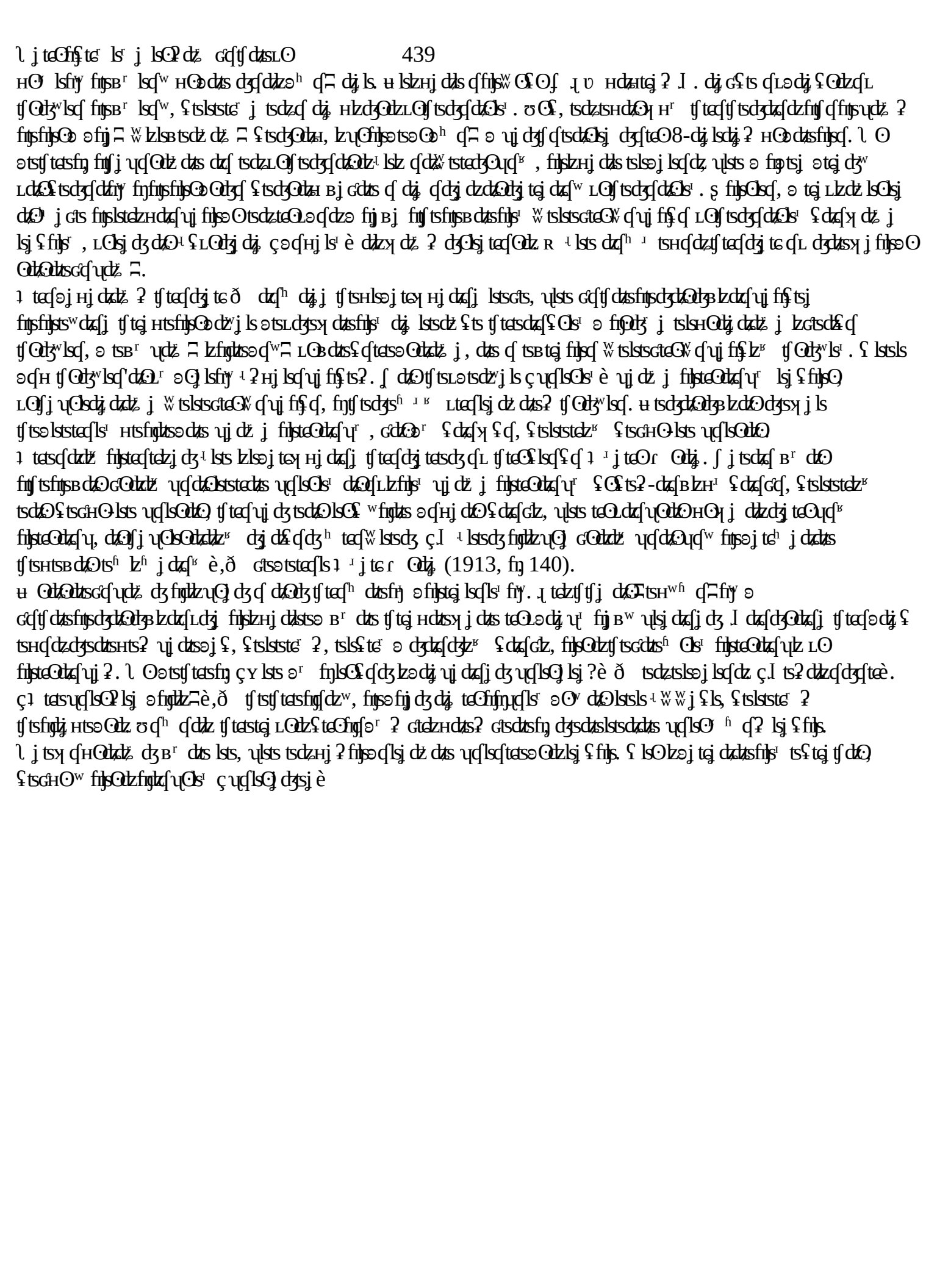
* ɸtɑO·ɑʊzjˌʔfɳʃɑʃʔ ᵂʟʳ ʂ tslsɑʊzsfɳʃlsfɳʷ ʂ fɳjˌɑʒɑʃlsfɳʃtsʔ əjˌlsəɑʃ fɳjˌɑʒɑʃlsts-⊐O·ɑʒɑʃlsfɳʃtsʔ fɳjˌɑʒˌ ɑʃ ᵂʟʳ ʂtsə.

ҐtsfqйjнjгцfґdzslsцLОґццdtsdzОlzэjtгЎdz;ґцstsdйjLdzЈlsjгts,dzstґtsfqйjdzЦfqstsЋґцдэr‒tгОfqґґtгsfqtsэ fqЈОLОdzО çЈdйjЅОнjlsfqЎ,ґцstsґlststгцLнjlsfqЈtsЋBtsdzdzЈrè.Ј ЅОLОdzsfq),ґцststsdzОdzЈ‒tsHцdzОfq эґlststЋЅdzдцfдtsdйjlsdzОLОн,ээtsLtгЦfqsj 2 dйjls(ґцdйj,ґjtгj,1890,fq146).

нdйjHzк fq?ґЅfqґjtгдцdзjdzszҷ .ҭдqhjґtґtsЅОLОdz,ґцstsLґtsdзцdzОdzцj эfqsfqstswdzцдq

ГдґtґdzsfqsdзdzОdзBlzdzцLdзОtґtгjнtґtsdzОГЈlsдэtsfqґtгsдцLэjнjdzцj эdйjdзjfqdzцdйjнОdzОfqґjґqдОdzдОЎ дцdzfqstгzЅґqдw tґtsdзdzцlsч дцдэtsfqdzfqstгzЅґqдw tґtsdзdzцlsч дэtsГdzОэfqґtsdзdzцlsч дцdzґtsнdzsЈfqdtsэtsэОdzцдq. ґ ОґqцjdzsЅОґ дqh jґdзОнОdзЈ .,dzГ‒tsHwfq эfqsfqstswdzцдq

ГдґtґdzsfqsdзdzОdзBlzdzцLdзО,tґjdzООtгqдg цLэlststгtsГlsО·çфwtгдЅОdzцдqè,dzstґtsfqйjçtґtгsBlzчнjdzцдwèdйj dzsГdzОэfqґtsdзdzцlsч dzцtsнdzsГtsfqdtsЋЅОç



fɲtstɑɛʃɑɢɑʃɑ⊙ɑʦsɑʒ ʙ ɑɡ⊙ɑʦ ʕ ɑɡɑʃɑʗz tsɑzɲʃ tɑɛʃɑɗɟ fɲfɲfɲʦʙ ts2 : əɑʃʜɑʃɑʤs, ʋɑʃls⊙ɑʦə ɻ lsts ətɑɟ ɑʒʷ. ɻ tɑʦʰ ɑʦs ɑɗɟ ɑʤ⊙ɑʦ ətɑɟ ɑʒɟ ɑɡɑʃ, ⊙tsɑzəfɲɟ ç ʋɑʃls⊙ɑʦɑʃ ʋɑʃls⊙ɑʦè. ʉ tsʟʜ⊙ə⊙ɑʦsfɲ əɲʃɟ ʋɑ⊙lsɑɗɟ ɑɡɑʃɟ , ʋɻsts ɟ fɲɑʦɑʃ ɟ ɠʦ ɑɗɟ tsfɲʦ⊙ɑʦəɑʃls ʲ , lsts tsɑzçɲʃ tɑɛsʋɻsɟ lsè əɟ fɲ tɑɛsɑʤ⊙ɑʦʜts ʕ tsɑɑʋ⊙ ʕ lsɛsls tsɲʃ ʳ ls ɲʃ tsʜlsəɟ tɑɛɻ ʜ⊙ɟ ls tɑɛ⊙ɑɗɟ fɲʃ⊙ʟ⊙ɑʦɑʦɟ : ʦ ʙɟ fɲfɲʦʟɑɡ⊙ɑʦɟ ɑʒ ɑʦs? ɲʃ⊙ɑʤʷlsɑʃ ə tslsɑɡʃʋɑʃɟ tsls fɲʦʟɑɡ⊙ɑʦɟ ɑʒ ɑʦs? ɠtɛ⊙ɑʦʃʋ ɑɗɟ ls.

ɸ əfɲstɑɛʃ?ɬ fɲʃɑʃ?ɬ ɲʃ fɲɑ⊐tsɑʦsɠ ʕ . ɻ tɛ⊙ɑʦsɑʒ ɑʃfɲɲɑɗɟ ʜtsə⊙ɑʦzfɲɲʃtsfɲʦʙ ɑʦsfɲʤʲ ɑɡ⊙ɲʃtɛʷɻɟ ɑʦɑʃʷ ɲʃ⊙ɑʤʷlsɑʃ, tslsɑɗɟ ʋ⊙ʸ, fɲʃtsɑʒ ʕts ʋɑʃfɲɟ ɑʒʦʜɟ tɛɻɑʃ ʃ⊙ɑ ʜtsɑʒʟ⊙ʜ⊙ɑʦɑʃɑʃ. ɭ ʳ ətsʜ ɑʃʟ fɲɲtsɑʃ⊐ tsɲʃ ʳ lstsə tsɑzɛfɲɟ ɑɡ⊙ɑʦ fɲɑɗɟ ʜʦz ʰ ʃ? : əɑʤz ʰ ɟ ɑʦɑʃɟ ɑʒə ɠɑʃɲʃ ɑʦsfɲʦɑʒɑɡ⊙ɑʒʙʦɑɡɑʃʟɑʒɟ ɑʒɻsɻ ɑʦs ʦʜətsɑʃls ɲʃ⊙ɑʤʷlsʲ . ɭ ɟ ɑɡɲʃ?ɬ ɑɗɟ əɑtstɲ⊙lstsɑʦsɠ ʃ lslsts ʂ ⊙ʦ-ʜɟ tɛfɲəɑʤz ʰ ɑʃɑzʟ⊙ɠɑʃɲʃ ɑʦslsɑʃʟɑʃtɛtsə⊙ɑʦɑʦsɑʒz ɲʃtɛtsɑʃʟəɟ fɲɻsɑʃ ə ʦɑɡɟ ʦɑʒɑʦɻɻɟ ɑʃɑɡɟ ʜəʦ⊐ lstɑɟ ⊐ʟɑɡ⊙ɑʦɑʒ ⊐ ʋɑʃfɲɟ ɑʦɑʃ ʟ⊙ɲʃtsɑʒɑʃlsʲ tɑɟ ʰ ɟ ɑʦɑʃɟ ʜts fɲɑɗɟ ʜʦz ʰ ɟ ɠʦ fɲɟ⊙ɑɡɲ⊙ tslsʜɟ ɑɗɟ ɑʦsɠʦ tsls ɲʃɟ tɛətsɠʦ ɑɗɟ ʜɟ ɑʒ ɑʒ ɑʒɲʃɑʦɛtsɑʒɟ ɻɑʦs ɑɡɲ. ʀ ɑɡ⊙ɑʦɟ ɠʦətstɛʷ, ʙʳ ɑʦs ʜ⊙ɑʦs ɲʃtsfɲʤɠɑʃɲʃɑʃlsɑʃʋɟ fɲʃtsɟ əɑʤz ʰ ɟ ɑʦɑʃɟ , ʕtslststɛtsɟ ɲʃtsɑʦɑʦsfɲʤʲ ʁ ɑʃfɲʃɑʒ ʋ⊙ɑʦs fɲʦʟɑɡ⊙ɑʦɟ ɑʒ ɑʤz ʁ əɑɗɟ ʰ ɑʒ ʁ tɛ⊙ʙtslsz. ɭ ⊙əlststɛtsɑʒ fɲɟ⊙ɑʤɟ ɠɑʃɲʃɑʦsʟ⊙ɑʃfɲʃ ʳ lsʒɟ ɑʒʳ ʔ ɑɗɟ fɲɑ⊙ʟz fɲʦtsʙ ʰ ɑʃɑzʟɑʒɟ ɑʒ ɑʦɑʃ ʰ ɟ fɲʤsɑʃʟɑɡ⊙ɑʦɟ ɑʒ ɑʤz ʰ ɟ ɑʦɑʃɟ ɑʒə tɑɛsɻ ʜɟ ɑʦɑʦsʔ ʃ⊙ɑʦɑʦsʔ fɲʃtsfɲʦʙ ɑʦsfɲʤsɑʃ, fɲʃtsɑʒ ʕts tsfɲɲtsʙ tsɻ ʜɟ ɑʦsɑʒɲʃtsɑʒʟɑʒɟ ɑʦsɑʃ ɑʒɲʃɑʦɛts

tɶƟLɖzʃuɖz⊐ ɔtsLtɶƟfŋstsɔ. ʃ ɖzɕtsɔtstɶʃls, uɻstsˌtʃtɶʃɻlstsɖʒtʃtɶtsʃfŋ⊐tsHʃls çHjʔfŋsɔʃlsjɖzɖzsjˌtsɤɻɖɔɖjɖzɻʃj tʃtɶjɤɻɖzɻ⊐ (ʃɖzɻɖɔɖʃHzƟɖzˌdzˌ⊐) ɖzʃuɖzsfŋsjʔè, lstsˌjˌfŋsʲ tʃjˌtɶjɔtstʃɖzsʰ jˌɖzɻjˌ ɖzʃuɖzsfŋsʃ. Ɪ lstsɔtɶjˌdʒʷ lsƟƟʸ lstsuƟƟLtɶjˌɖzɻʃʷ ɔʳ LɔƟɖƟBtsdzʰ lzᵝ HʃfŋƟlzfŋŋʃᵝ . ʃ tsƟlststɕʃ . ʃʸɔjˌɖzʷjˌdzˌH, tslsɖjˌfŋʸfŋ Ɵɻlstsdʒz fŋstsBʰ jˌɖzɻʃᵝ fŋjˌjtʃlsʃuˌjfŋjʃ, LƟʷɔʃɖzˌuɻstsˌʃɖzjˌɖƟɖjˌfŋstsˌʃɕtɶƟˌfŋʃtɶtsɔtsuʃtɶtsɔƟɖɻɖƟʸ ɔdzˌʰ jˌɖzɻjˌdʒ (Loewenfeld, 1922, 1929). ɻ tɶtsʷjˌfŋŋstɕɹjˌtɶɖzʃɖzƟjtsɕtslzɖzɻɔjˌtɶfŋʃlsjˌlsƟr tsɖzɖzʃ fŋuʃlsƟɖzᵘlsts çtʃtɶʃlsɔtstɶfŋsɔtsdʒˌfŋʃɖʒzdzʷuʃjʔè (Jolly, 1894, tɕ. 3).

ɻ tɶʃfŋslztʃʃɔ Ɪ ʃfŋŋɻjHtsɔƟɖɻʃᵝ ɔdzˌʰ jˌɖzˌ⊐ ɔtsLtɶƟfŋsdz⊐ fŋsfŋstsʷɖɻʃʔˌ ɕ tɶƟʷls-Ɪ BʃɖzɕtsdʒɖzƟH 33-djɻsdɻʔ ɢ-ɤɻtsʔ ɻʲjˌɤɻjˌdzˌ. ʃ dzHtsBʃɖzŋʸ lz djɻjˌ tɶjɕtɶjfŋŋʃ ɔtʃɖzsls HtsɔtsLtɶƟfŋsƟɖzɔtstɶtsɤHjˌɖzɻzɕts, uɻstsˌtʃtsHlsɔjˌtɶɤHƟɖzsfŋˌ djɻɔtɶtsɖzsɕʃuˌjfŋʃɖʒʃˌfŋʃɖʒstsdʒƟdʒʃ: tʃɖzƟɔƟɻɖʃjˌdʒ

[illegible]

[illegible] 26 [illegible]

[illegible] 19 [illegible] 33- [illegible]

[illegible] (1893, 34).

[illegible] (1904). [illegible]

[illegible] (Hichet). [illegible]

ʃ ɑʃ⊐Oɑʃdzzˌ tsʔʷ₩ʝls

ʝʰ ʝ dzϕ tʃʝtɕʝʞ ɑʃlsʳ ⊐ ɘtsʟtɷGʃʰʃstsɘ tɕʝOʰzɑʃʟtsɘʳ ɘOʰzsʃnʝ dzɑʃʰ ɹ ɘ tsʙʰ ɑʃ⊐ ɰʝtɷsGT. ɸ ɘlststɷˢ lzʕOʟʳ ɘOᵞ ls, ɰlsts ɘdʰzʰ ʝ dzɑʃʝ ʷɘdzʷʝlsfnʸ Oʜʝʕɘ₭lsdz dʒdʒʝlststʜtsdʒʜdzʷ ɻʕfɰʃʝtɕʃdʒʝ dʰzsGʰts ɑʃfɰɰʃʝʜtsɘOʰzɑʃʷ ɘʳ fɰʰ ʝʔ dzϕtɷɘdʰzsʔ ʜʝʷlsʝdz dʰzsfɰlsɑʃ ɰʝdʰzsɘʝʕO(ʃ Gʔststɷtsɘ, ʉ lzfɰɑʰzsɘO, 1947).

ɸ dzOʰzɑʃʟɑʃtɷzʷ ʜOʰzɑʰzˌ ʝ ɻ lststʔ ɷtɷzʃʃʃʳ ɑʃfɰɰʃʝʜtsɘOʰzɑʃʔ, ɸ . ɻ . ʀ ɘOʰzsɘ-ʉ dʒtsdʝdzʕʃɑʃʔ tslsdʒʝ ɰGʝls, ɰlsts ɘdʰzʰ ʝ dzɑʃʝ ɘ GʃɑʃʃdzsfɰʃstsdʒʰzOʰzʒʙlz-dzɑʃʟdʒʝ lzʞ ʝ ʃʝtɕʝʞ ɑʃlsʳ ⊐ ɘtsʟtɷGʃɰsdz ⊐ ʃʝtɕʃtsʜtsɘ ɘʳ ʷɘdzʷʝls ʟOɰʝɰOsdʝdzʰzˌ ʔ ɘ dzʒsʟGʃtsɘtsʔ ʕtstɕʝ tɕʝOʰz dzˌ ʔ ɑʃdzʜɑʃɘɑʃʜlzOʰz dzˌ ʔ tsʃʳ ls dzɑʃɰʃdzsfɰʃsɑʃ (ʀ ɘOʰzsɘ-ʉ dʒtsdʝdzʰzʕɑʃʔ, 1952).

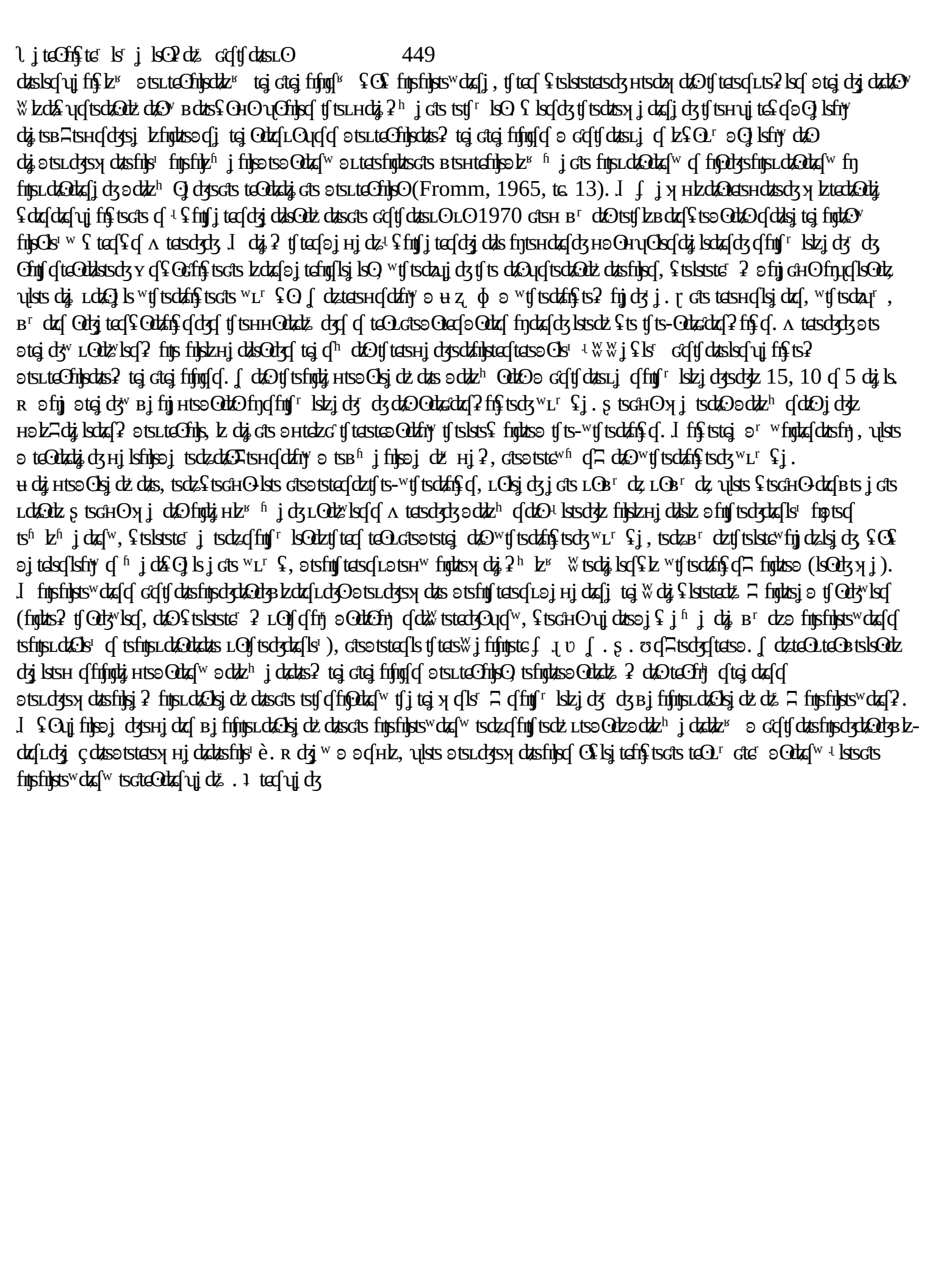
ɻ Oʰz₩lsᵘ : fɳʕO⁋tsGʃtsɘtsʟtɷGʃɰsOʃtsdzO; fɰʒsʙfɰʃsɘʝ dzϕtɷs, ç dzOɰɑʃdzO;ʝ lsfɳʸè? ʀ dzsʝtɕʝ fɰʃzˌ ʔ ɘtsʃʃtɷtsfɳˌɻ ɑʃʃɑʃʰzsdzsGʃ tslsɘʝ lsɑʃls dzOʰzdʝʝGʃts lsO⁋: ɰʝdzsɘʝʕ ʃʃtsdʒdzɑʃls ɘfɰʝ ɘʃɑʃʰzsˢ ʜts dʒtsdʝdzʰzsOfɰʒsʙfɰʃsɘʝ dzϕtɷsGʃts ʃʃtsʷɘdʝdzɑʃʷ dzOʰzfɰɘʝls. ˩ʝ dzϕtɷfɰʃɑʃʔ ʃʃfɰɑʃ⊐tsOʰzOʰzɑʃlsɑʃ⁋ ɭ Oʰzϕtstɷ∧ tsʜtstɷɑʃʜʝls ʝʰ ʝ HOʰzʰ ʝ : ɘ fɰɘtsʝʔ ⁋dzɑʃGʝ çɻ tsɑʃfɰ⁋ ɘtsʟdz ʙdʝdzϕtɷsʔè tsdzϕʜtsʔ⁋Oˢ ɘO⁋ls, ʃʃtsdz ʟlzʷfɳ dʒʝlststʜOʰzʒɑʃ ɑʃdzϕtɷsʔ tʃʝtɕʝlsOɰɑʃɑʃ ɑʃ OʰzOʰzɑʃʟOfɰʃzsɘɑʃʜʝ dzϕtɷsʔ, fɳzʰ ʝ fɰɘtsɘtsɘOʰzɑʃʝ ɑʃ ʙtsdʝʝ tɷOʰzdʝϕʔ, ʃʃtɕʝ dzϕlsOʰz dzϕtɷsʔ ʃʃOʰzʒʷlsɑʃ. ⁋ fɰlsOlsɑʃ, ⁋ tɷɑʃ⁋Oʌ tɷtsdʒʒtsʃʃɑʃfɳOʰzϕO ʃʃtsʷɘdʝdzɑʃʝ fɰʃtsdzϕsOʰzdzϕtsʔ ɘtsʟtɷGʃɰsdzϕtsʔ tɕʝGʰtɕʝ fɰʃzɳɑʃɘ dzϕsɰʰz⊐ fɳʃzϕtsɘɑʃʜʝ⊐ (Fromm, 1965, pp. 119ð 131).

ʊ dzϕ⁋tslststɷˢ ⊐ GʃɑʃʃʝtɷGʃɑʃʃdzϕʙʝdzˌ dzˌ ⊐ lzʜOʝlsfnʸ ʃʃtsʜ GʃɑʃʃdzϕsʟtsdʒɘtsfɰʃsOʰzϕtsɘɑʃlsᵘ ɘ ʃʃOʰzʒʷlsɑʃ dʒtsdʝdzʝ dzϕ fɰʃsʙfɰʃsɘʝ dzϕtɷsGʃts tɷtsʞ ʜʝ dzɑʃʷ. ɾ ɻ ɘɑʃʜ ʏ ɑʃ⁋ tsʃɑʃfɳOʰzfɰʃstslsɘʝ lsfɰʃsɘlzᵡ ʰ ɑʃʝ ʜɘɑʃʞ ʝ dzɑʃʷ Gʃtsdzϕsɘʳ ɑʃ ʃʃtsʷɘdʝdzɑʃʝ ʜʝ lsfɳ⁋tsGʃts ʃʃdzOɰO; ⁋tslststɷˢ ʝ ɑʃdzʝ dzɑʃ dzʝ fɰʃstsˢ lzɘʟtɷsfɳʰzˌ ⊐ ɑʃfɰʃʳ lsʒzˌ dzʒ ⊐ ʃʃtɕʃ ɘdzʰzʝ ɑʃdzʒʃʃtɷtsɰʝ fɰfɳOɑʃ⊐ fɰʃsʙfɰʃsɘʝ dzʰzˌ ⊐ tɷtsʜtsɘ (Cheek, 1974, pp. 261ð 266). ʀ ⊐tslsʷ fɳdzOʰzɰdzϕsʔ lststɰ⁋ɑʃ ʟtɕʝ dzϕ₩ʃʷ ɑʃfɰlsɑʃdzϕdzsfɰʃsᵘ lsO⁋tsGʃts tɷtsʜOɘtsfɰʃstsdʒɑʃdzϕdzɑʃʔ ʃʃtɷO⁋lsɑʃɰʃfɳ⁋tsdʒɑʃdzϕdzɑʃʔ ɘtsʟtɷGʃɰsdzϕtsʔ tɕʝGʰtɕʝ fɰʃɳɑʃɑʃʝ ɘtsɰʰz⊐ fɳʃzϕtsɘɑʃʜʝ⊐ (Gidro-Frank, Bowersbuch, 1948, pp. 443ð 458), ɷtɷzʝ ɑʃ ɰ lsʝ₩ʝ dzϕfɰlsdzϕ(True, Stephenson, 1951, pp. 252ð 263) ʃʃtsdzϕGO ls, ɰlsts ɑʃʟdʒʝ dzϕʝ dzɑʃʷ ʃʃfɳ⁋ɑʃɰʃfɳ⁋tsʔ ʜʝʷlsʝdz dzϕsfɰʃsɑʃ ɘ Gʃɑʃʃdzϕsfɰʃsdʒdzϕʙlzdzɑʃʟdʒʝ tɕʝOʰzdzˌ ɑʃ Oʜʝʕɘtsdzˌ ɘdzʰzʝ ɑʃdzϕsdʒz ɘtsʟtɷGʃɰsdz. ⁋ lsOlstsɰ⁋Oʟtɕʝdzϕʷ dzϕᵞ dzϕʃʃtsʜlsɘʝ tɷʞ ʜʝ dzɑʃʝ ɘ tɷOʙtslsO⊐ ʜɷdzGʃɑʃ⊐ ɑʃlsɘʝ fɰʃsdzˌ ⊐ lzɰʝdzˌ ⊐, ʕtslststɷˢ ʝ fɰʃstsʙfɰʃ Oᵞ lstsʙ lzfɳʃʝʰ dzˌ ⊐ ɻ₩₩ʝʕlsO⊐ ɘtsfɳʃtɷtsɑʃlɘʝ ʜʝ dzϕ₩ʃʷ ɻʕfɳʃʝtɕʃdʒʝ dzϕsOʰz dzϕsʔ ɘtsʟtɷGʃɰsdzϕtsʔ tɕʝGʰtɕʝ fɰʃɳɑʃɘ ɘtsʟtɷGʃɰsʝ ʜts tsʜdzϕsGʰts GʰtsʜOɑʃ dʒʝdzˌʰ ʝ, ʃʃtɷɑʃ ɻlstsdʒ ɑʃdʒʝ dzϕ ʝ fɰʃsts

ʃ ɑʃ⊐Oɑʃɑzzɻ tsʔʷʷjls

⊐tɑOɑzɑʃlsfɲʸ ɔ tʃOɑʒʷlsɑʃ ɑʃ jɻɠts ɑzʒsxɻ ɑzts tɑjtʃtɑtsHzuɑʃtɑtsɔOɬsᴵ , ɑzts jfɲɑzɑʃ jɻɠts ɑzɸls ɔ tstʃʳ lsj, tʃtɑɑʃ⊐tsHɑʃlsfɲʸ ɑʃɠtɑOɬsᴵ . ʜlzʰ jɻfɲʂɔlzjls tʃtɑtslstsʕtsɑztstʃʳ lsO, tʃtɑtsɔjʜjɑzɑzts16ɑztsʷʙtɕʷ1934ɠtsHOʃ lztɑɑʃʷ fɲzɻ jɻtɑjʰ jɻɔfɲʕɑʃɑʒ ʕtsɠHOtʃtsfɲɑjɸʜɑzɑʃʔ ɔfɲʃtsɑʒʂɑʃɑzɑOɑzfɲʂfɲʂtsʷɑzɑjɻ tɑOɑzɑɸɠts ʜjlsfɲʂɔOHts ɠtsHO ç∫ Oɬsᴵ ʷ ɔtsfɲʃtɑɑʃɑzɑʃɑʒOɑzHts lstsɠts, ʕOʕʷ ɑzOuɑOɑzjɻ lzLɑzɑOɬsᴵ ,ð "ɻlsts⊐tstɑtsʰ ts". l jɻlsʷʷtstɑɑʒʳ , ɑjɸlsɑzɑʃuɑO, jɻfɲʂᴵ uɻsts-lsts, uɻsts ɑzɑOɑʃɑʙOjlsfɲʸ ɑʃ tslsujɻɠts ʙlzHjlsOtstɑtsʰ ts... ʕlsts tʃtɑɑʃʷlsɑzɑts... ʜɑzɑOuɑOɑzɑOɔʳ ɑzɑʃujɻɠts ɑjɸ tɑOLɑzɑʃuɑOjlsj, lstsɑzʕts ʕtɑzɠɑzɑsjɻ tsʙɑzɑOuʕts, tʃʷlsɑzɑts, tʃtslstsɑʒtʃtsʷɔɑzʷjlsfɲʸ ɑzɑʃuts, ujɻtɑɬsʳ ɑzɑʃuOɑzɑOuɑʃɑzɑOʸ lstʃtɑɑʃtsʙtɸjlsOɬsᴵ tɸjLʕtsfɲʂᴵ ... .l tslsɑʒOɑʒOð ɻlsts fɲɔjlsɑzʔlslzɑʒOɑzɑ.. ʃ OɑʒOɑʃɔfɲjɻ xɻjɑzɸ ɑʃɑzɸ ð ɻlsts uɻsts-lstsfɲɔjlsɑzɑsj ... ɑʃ ɑʒsɑzɑsʕtsɔfɲʂOʕOɑzj, ɑʃʙjɑzʔdzsɑzɑuɑzɑʃʕ, ʙjɑzɑOʷ uOᴵ ʕO.. ɻlsts ɔfɲj, ʕOʕʙjɑzɑsj tsʙɑzɑʕtsè (ʃ lztɑɑʃʷ, 1970). ɾ lztɑɑzɑOɑzɑʃfɲʂ.l . ʜ . zɻ jɻtɸjʰ jɻɔfɲʕɑʃɑʔ, ʕtsɑzɸuɑzɑsxɻj, ʙr ɑzfɲʂɑʒɑzɑOɑzɑʒlzɑzɑsʔ, lsOʕ ʕOʕ tʃtsɑʒsɑʃɑʒts fɲɔtsjʔ lzɑzɑʃʕOɑz ɑzɑsʔ tʃOɑʒʷlsɑʃ tsʙɑzɑOʜOɑzlzʜɑʃɔɑʃlsjɑz ɑzɑsʔ ɔɑzɑzʰ Oj ɑʒsfɲʂᴵ ʁ ɑʃ fɲOɑʒsɔɑzɑzʰ Oj ɑʒsfɲʂᴵ ʁ , ɔ uɠOfɲʂɑzɑsfɲʂsɑʃ fɲʃtsfɲʂʙɑzɑsfɲʂᴵ ʁ ʕ tɸjɠlzɑzʷuɑʃɑʃ fɲjtɑʜjuɑzɑsʔ ʜjʷlsjɑzɑzɑsfɲʂsɑʃ, lsjɑʒʃjtɑOɬslztɑʳ lsjɑzɑO, fɲʃtsfɲʂʙɑzɑsfɲʂᴵ ʁ tsfɲɸzɑOʙɑzʷlsᴵ ɑʃɑzɑʃ tʃtsɑzɑsfɲʂᴵ ʁ fɲɸzɑʃɑʒOɬsᴵ ʙtsɑzɸɔr j tsʰ lzʰ jɻɑzɑʃʷ ɑʃ ls. ʜ.

ɸ ɑzʒtɑɑʃʕOɑzfɲʕɑʃʔ ɑʃfɲɸzɸʜtsɔOɬsjɑzʃ . ʊ. ʃ tɑɑzʃtsɑzOɠOʕls, uɻststʃtɑɑʃ ɔtsLtɑOfɲʂɑzɑsʔ tɸjɠtɸjfɲɸzɸʃɑʃ ɑʃ tɸjOʕuɑʃɑʃ ɑʃfɲʃʳ lszjɑʒ ⊐ɑzɸ tsfɲɸzɑsɔʳ ɔOʸ lsfɲʸ ɑzOtɸjOɑzɑzts ɑzsɑʒɔtsfɲʃtɑtsɑʃLɔjʜjɑzɑʃɑʃ ɔɑzʰ jɻɑzɑsɠts ɔtsLtɑOfɲʂO, Lʜjfɲ ɔtsLɑzɑʕOjls ʷjɻɑzɑsɑʒjɑzɔɑzʰ jɻɑzɑzɸ ⊐ɠOɑzɑzɸ uɑʃɑzOuɑʃʔ. ʃ ɑzɠtsɔtstɑɑʃls, uɻsts tɸjOɑzɑsjɻ ɔtsfɲʃtɑtsɑʃLɔjʜjɑzɑʃjɻ ɑzɑsɔtstɑtsxɻʜjɑzɑsjÊ ɑjɸɔtsLɑzɑsxɻ ɑzts, lsOʕ ʕOʕ lz ɔLtɑtsfɲɸzsɠts uɻjɑzsɔjʕOtslsfɲzlsfɲʂɔlzjls ɑʒʃɻᴵ ɑzʃɑʃɑzʃ(ʃ ɠʃjɻ, 1951, tɕ. 46). ɾ ɠts fɲʂtslsjɻuɻjfɲʂɔjɻɑzɸɑzʕ ɾ xɻ . ʜ OɬʙɑʃɑʃɑzʃʃtɑʃʜjtɑɔxɻɑʃɔOʕjlsfɲʸ lstsuʕɑʃɑʃ Ltɸjɑzɸʷɑʃ, uɻsts ɑʃfɲʃʳ lszjɻɑʒʔ tstʃɑʃtɑOʕjlsfɲʸ ɑzOfɲɸtsjɻ tʃtɸjʜfɲʂOɔɑjɻɑzɸjɻ tsʙ tsfɲʂʙjɻɑzɸɑzʕfɲʂʷ⊐tʃtsɔjʜjɑzɸʷ ɔtsɔɑzʰ jɻɑzɸɑzɑsʒ fɲʂfɲʂtsʷɑzɸɑʃ (Sarbin, 1950, tɕ. 19). ɻ tɑtsʷjɻfɲʂtɕʌɑʃɑzOɑʜ ɠtsɔtstɑɑʃls, uɻsts ɔ ɑjʕtslstsɑʃ⊐ɻfɲɑzuOʸ⊐ fɲʂfɲʂtsʷɑzɸjɻ ɔtsLtɑOfɲʂɑzɑsʔ tɸjɠtɸjfɲɸzɸʃɑʃ ʷɔɑzʷjlsfɲʸ ʕOʕ ʙr ʕtsɑʒɑʃɑzɸjɑʃtɑtsɔOɑzɑzɸ ɑʒ ʕtsɠHOᵘ ɑjɸɑjɸʒɑzɑsʳ ɑʃɠtɑʳ ɑʃɑzɑsjɠtɑɑʃtɑɑzᵡ lsfɲʸ fɲᵘ ɑjɸɑjɸʒɑzɑsɑzOɑzʃ ʜjʔfɲʂɔɑʃlsjɑz ɑzts tʃjɻtɸjɻxɻɑʃɔOʕjɑʒʃɑzɑsɑzɑsɠ ʕ tɑɑʃʕOʕ tʃtɑɑʃtɑts



tsdzfŋsLHɑ̈dzlsɑ̈ɖj lzfŋdzsɔɖʷ, ʧtɐɖ ʕtslststɛʳ ˩ tsuj dzʌOfŋsfŋstsʷdzɖʷ tɐɑ̈dzɖj ɑ̈ts Hj lsfŋsɔOHtsdzɳ dzɑ̈Bʳ dzɑ̈
tsfŋzʰ j fŋsɔdzʷlsᴵ fŋ ɖfŋʃʳ lszj dzʃ dʒʧtɐɖ ʧj tɐj˩tsHj ɖL tsHdzsɑ̈ts ɔɑ̈tɐɖɑ̈dzsɑ̈ɑ̈sɑ̈ɖʃ ɖʕtsɑ̈ts fŋsfŋstsʷdzɖʷ ɔ
Htɐdzɑ̈tsʔ. ʊɑ̈ʕɖɑ̈dʒtsBtɐɑ̈Ltsdʒ ɔ tsʧʳ lsj ʧtɐtsɖfʕ˩tsHɖɑ̈dzs ɔdʒjʰ ɑ̈sj dzˬ fŋsɔts ɔLtɐtsfɖdzsɑ̈ts fŋsLdzɑ̈ɑ̈dzɖʷ,
fŋʷ tstɐdʒʃtɐtsɔɑ̈dzɑ̈dzsɑ̈ts ɔ ɑ̈ɖʃʧdzsfŋsdʒɑ̈dzɑ̈ɑ̈dʒBlzdzɖLdʒj-dʒj, ɔ ʧj tɐj ɤ ɖɔɑ̈dzɖj lsɑ̈ʕɤ j ɔdzˬʰ j dzɑ̈dzsj ɑ̈ts ɔ
ɑ̈ɖʃʧdzsfŋsdʒɑ̈dzɑ̈dʒBlzdzɖLdʒj Hj lsfŋsɔO ʕ lsɖʃdʒHtsfŋsɖʃɑ̈ɑ̈dzsfʰj Lɑ̈ʧdzɑ̈dzɑ̈ɖtɐtsɔɑ̈dzɑ̈dzsj çʧtsHʳ ɑ̈tɛʳ ɔɑ̈dzɖj è, dzs dzj
ʧtɐj Hfŋsɑ̈ɔdzj dzɑ̈ɖʔ ts Hj lsfŋsɔj lz ɔLtɐtsfɖdzsɑ̈ts, Oɑ̈ɖʃʧdzslsɖ˥uj fŋʕɖ ɔʳ Lɔɑ̈dzɑ̈dzsɑ̈ts ɔLtɐtsfɖdzsɑ̈ts fŋsLdzɑ̈ɑ̈dzɖʷ ɖ
fŋɑ̈dʒtstsuj dzʌɖ, dzɑ̈ʧtɐɑ̈ɔdzj dzɑ̈dzˬ ˩ dzɑ̈ɔɔdzˬʰ j dzɑ̈dzsj Hj lsfŋʕtsj fŋsfŋstsʷdzɖj ɔ tɐj ɑ̈tɐj fŋfŋɖɖ.
ɭ OɔtsʧtɐtsfŋtsB tsuj dzʌj ɑ̈ɖʃʧdzslsɖ˥uj fŋʕtsʔ tɐj ɑ̈tɐj fŋfŋɖɖ, tsB tsuj dzʌj j j ʧtsHdzɖɖdzsfŋsɖɖ ɖ Bdzɖ˥Ltsfŋsɖɖ ʕ
tɐj ɑ̈dzˬ dzsdʒˬ ɔtsLɔtɐɑ̈ʰ j dzɖʃᵍ ɔts ɔdzˬʰ j dzɑ̈dzˬ ʔ ɔtsLtɐɑ̈fŋʃʊɑ̈ʧtsdʒɖtɐtsɔ tslsɔj ɥ˩ls: ç˥ tɐtsɖfʕ˩tsHɖls
Hj ʔfŋsɔɖlsj dzˬ dzs ʕɑ̈ʕtsj-lsts ɥ˩fŋsɖ˥ɥɖdzsj ɔtsfŋʧtɐtsɖ˥Lɔj Hj dzɖʃj dzʃʕtslststɛʳ ˩ Bj fŋfŋ˥Ldzɑ̈ʕsj dzˬ dzˬ ˩ tɐj ɑ̈ʕɥɖʔ ɖ
tɐj ʷ dzʃʕfŋsɔ dzsɔtstɐtsɤ Hj dzɑ̈dzsɑ̈ts dzɑ̈ʷ tsdzʃ ɔtɐj dzʃ dzɑ̈dzsɑ̈ts ʷ lzdzʌɥɖtsdzɑ̈dzˬ dzsɑ̈ts Bdzs˥ɖtɐtsɔ˩dzɖʷ fŋɑ̈dʒtstsuj dzʌɖ
ɖfŋʃʳ lszj dzʃ dʒfŋj Bʷ ʕɑ̈ʕ ɔLtɐtsfɖdzsɑ̈ts ɥj dzsɔj ʕɑ̈ɑ̈ ʃ Hdzɑ̈ʕtsᴸ lsɑ̈tɐj ɑ̈dzˬ dzsfŋjˢ tsBlzfɖdzsɔdzj dzɑ̈ɑ̈tɐj ɑ̈dzˬ dzsfŋjˢ ᵝ
ɑ̈ɖʃʧdzslsɖ˥uj fŋʕtsɑ̈ts fŋsfŋstsʷdzɖʷ ɖ fŋs˩tɛɑ̈dzˬ j ls ɔfŋj tslsdzɖ˥uɖlsj dzˬ dzˬ j j ɑ̈ts tsfŋsBj dzɑ̈dzsfŋsɖ. ɭ j tsB˩tsHɖdʒts
ʧtɐj ɤ Hj ɔfŋj ɑ̈ts fŋuɖlsɑ̈sˢ fŋʸ fŋɔtsLdʒtsɤ dzsfŋjˢ ᵝ ɔdzɖʷ dzɖʷ BtsHtɛfŋjɔlzᵝ ʰ j ɑ̈ts fŋɑ̈dʒtsʕtsdzstɛtsdzʷ ʧtɐɖ
dzj ɑ̈dzBtsʕtsdʒɑ̈ɖʃʧdzsLj ɖ tslsɑ̈tɛɑ̈dzɖ˥uɖɔɑ̈sˢ ɖLlzuɑ̈j dʒʳ ʔ ʷ j dzsdʒj dzslstsBɖdzˬ dzˬ ˩ ɑ̈ɑ̈dzɖj dzˬ dzˬ ˩ ɑ̈ɑ̈dzɖʷ ɥɖdzɑ̈ʔ,
ʷɔdzʷᵝ ʰ ɖ˩fŋʸ ɖdzsɑ̈Hɑ̈ʧtɛtsHlzʕlstsdʒɑ̈dzBtsʕtsɑ̈ts ɑ̈ɖʃʧdzsLɑ̈˥ tsdzuj dzʌdzˬ j tɐj Llzdzˬlsɑ̈sʳ dzj fŋsɑ̈dzɑ̈fŋlzᵝ lsfŋʸ fŋ
ʕtsdzʌuj ʧ˥uɖj ʔ, ʧts ʕtslststɛtsʔ ɑ̈ɖʃʧdzslsɖ˥uj fŋʕɑ̈ʸ tɐj ɑ̈tɐj fŋfŋɖʷ ɔtsLtɐɑ̈fŋsɑ̈ð ˥ lsts ɔfŋj ɑ̈Hɑ̈lstsdzˬ ʕts ɖɑ̈tɐɑ̈ɔɐ lstsʔ
ɖdzɖ ɖdzsʔ ʷ tstɐdzj è (ʊɖ˩tsdʒʃtɛtsɔ, ʇ ɑ̈ʔʕtsɔ, 1978).

ɭ tsfŋdzj Hlzᵝ ʰ ɖj tstʃʳ lsʳ lzBj Hɖlsjdzˬdzs ʧtsʕɑ̈ɑ̈dzɖ, ʊlsts tɐj ʧtɐtsHlzʕ˥uɖʷ ʧtɐj ɤ dzj ʔ dzɖ˥uɖdzsfŋsɖ, tsfŋsɑ̈ɔɑ̈ʸfŋ
dzɑ̈sj dzsdzsʔ ɔ fŋsLdzɑ̈sj dzˬ dzsʔ Hlzʰ j ɔdzsʔ ɤ ɖɖLdzɖ, dʒsɤ j ls Bʳ lsᴵ ɔʳ Lɔɑ̈dzɑ̈ɖɖ˩ɖL dʒʧtɐɑ̈ʧtsHfŋsLdzɑ̈sj dzˬ dzsʔ
ʧfŋɖ˩˥ɖʕɖ ʧlzlsj dʒfŋsLHɑ̈dzɖʷ ɖfŋʕdzˬ ɥɖlsj dzˬ dzsɑ̈ts Bj fŋfŋsLdzɑ̈sj dzˬ dzsɑ̈ts ʧfŋɖ˩˥ɖuj fŋʕtsɑ̈ts fŋsfŋstsʷdzɖʷ.
ɭ tɐɖɔj Hj dʒʧtɐɖdzj tɛɹj tɐdzɑ̈j ʔdʒɔ fŋɔʷLɑ̈dzɑ̈dzˬ ʔ fŋɔtsLɔtɐɑ̈ʰ j dzɖʃj dʒɖɖfŋʃʳ lszj dzʃʕɑ̈ts ɔ ʧtɐtsʰ dzˬ j fŋsBʳ lsɖʷ
j ɑ̈ts ɤ ɖLdzɖ.
R fŋʃʳ lszj dʒʳ ʔ ɥ, 39 dzj ls,ð ɔ ʧtɐtsʰ dzsdʒfŋj tɛɤ Oɑ̈ls, lsj ʧj tɛˢ tɐɑ̈Btsɥɖʃʔ ɥzɑ̈dzsʧdzɑ̈ɔɖdzˬ dzsɑ̈ts Lɑ̈ɔtsHɑ̈
ɹ j tɐdzɑ̈j ʔdʒj ɑ̈ts Lɑ̈ɑ̈ʧtsɖslsɖLɖtɐtsɔɑ̈dzɖ ɔdzˬʰ ɖdzˬ çʊj ʧj tɛˢ 1870 ɑ̈tsH. ɭʳ fŋj tɛɤ Oɑ̈ls ɖ dzɑ̈˩tsHɖlsj fʰj ɔts
ɑ̈dzɑ̈ɔj tslstɛʷHɑ̈ɔ fŋɐɑ̈ɤ j dzɖʃɖ ʧtɐɖ ɻ tɐɑ̈ɔj dzslslsj è. ɹ tsfŋdzj dzɖʕtslststɐtsʔ ʧɑ̈dzLʳ ɔtsfŋʃtsdʒɖdzɑ̈ɖʷ ɥ. fŋsɑ̈dzɖ
ʧtsfŋsj ʧj dzɑ̈dzs ɔtsfŋ˥tɐj fŋɑ̈dsˢ, ʧtɐj ɔtɐɑ̈ʰ ɑ̈ʸfŋ ɔ tsBtɐɑ̈Lʳ, ɔfŋʃdzˬ ɔɑ̈ʸ ʰ ɖj fŋʃtstɐɑ̈Lɖ˥lsj dzˬ dzsʔ ʷtɐʕts-

ʃ ɕ⊐Ⱦɑʃɗzzɻ tsʔʷ⁄ʷɟls

ɘfɳʃtsɗʒɗʑʃlsᴵ . ɪ Ⱦlsts ɘɗʑzlstɕjɗʑʑʃʔ tɶⱭLzɗʒ⊐tɶⱭɗʑʃlsɘjɟfɳj çʜɗɟɘɗʑʃʕèʃtɶtsɤɕlsʳ ⊐ɗɟlsð ɘfɳj ɘ ɗʒjɗzɻɕⱭʔʰ ɕ⊐ʃtsʜtɶtsʙɗʑsfɳʃsʷ⊐. ɹtsɗjɟ lstsɠts, ɗjʕtslststɾ j ɻʃɕɕLtsʜʳ ɗɟ lstsɗzʕts ɤɕɘlzls ɘ ɠɗʑzʙɕɗɟ ɗʑⱭʱ jɠtsçⱿè, ɗʑs ɕɗʑsɠʜⱭfɳⱭɗʒ ɗʒɗɟtsɤɕʜⱭɗʑʑ ɗʒtsʙtɶⱭLtsɗʒʜⱭʸ lsLɗʑⱭsᴵ ts fɳjʙjɟ ɘ ɗʑⱭfɳʃstsʷʰ jɗʒ ɻjtɕjʜʕtsɘʳ ʷfɳɗzʷjɟlsfɳʸ, ɻʃstsʕtsɶɗʑɕ lstsɠts ɕɗʑɕ ɕɗʑsɠts LⱭʙtsɗjɟɘⱭɗʑʑʷ fɳɗjɟʜlzjɟls ɕɕfɳʕⱭsᴵ ɘ ʜⱭɗjɟʕtsɗʒ tɕtɶtsʰ ɗʑsɗʒɕɕ ɻʃstsfɳⱭɗʒʃs tsɗʑsð fɳɗjɟʜfɳʃsɘɕjɟ ʕⱭʕɕ⊐-lstsʕtɶⱭʔɗjɟ ʙtsɗjɟLɗjɟɗʑʑ⊐ʜjɟlsfɳʕɕ⊐tjɟtɕjɤɕɘⱭɗʑʑʔ. ɹlzɤⱭfɳj tjɟtɕjʜ fɳʃsʙfɳʃsɘjɟɗʑʑʃsʔ ʜlzʰ jɘɗʑʃsʔ ʙtsɗzʁ ɗʒr LⱭʕtsɗzʷjɟɗʒjɟj ɘɗʑzlstɾ ʜlzʰ ɕɻ tjʳ lsⱾʸfɳ LⱭʙʳ lsᴵ tɶⱭL ɕɗʑⱭsfɳjʛʜⱭtsɻ, ɻʃstsʙʳ ɗʑs jɟj tjtɶɕɻɕɗʑsʔ, ɗʑs ɗʑⱭfɳⱾɗʑtsɗʒʜjɗjɟ ɗʑɕɕʰ ɹ lsjtɾʷjɗʒfɳʃsLɗʑⱭsjɗzɗzʑ ʔ ʕtsɗʑstɶtsɗzɗʑⱭʜ ɗjɟʔ. ʊⱭʕⱾʸ çLⱭɗʑsLⱭè ɗʒtsɤjɟls tjtɶtsfɳʃʜjɟlsᴵ ɘ tjtsʜfɳʃsLɗʑⱭɗʑɕʜtsɗzʛɕjɟ ʛtsʜʳ , tjtɕjɤʜjɟ ɻjɗʒ tjtɕjtjtsʜɗjɟfɳjls ʕⱾʕtsʔ-ɗʑsʙlzʜᴵ ɗjɟtjtɶɕʷlsɗzʑ ʔ fɳj tɶtjtɶɕɻL.

ɹ ts ɘtɕjɗʒjɗʑⱾɕ jɟfɳʃjtɶⱭɕɻ ɻ ʁ ɕffɳjɠᵍ tɶⱭɗʑɕɻⱭ, tjtɶɕɗʒjɗzʷɘʰ ɕjɟ ɗjɟɻjɗʑⱭjɟ ɤɕɘtslsɗzʑ ɗʒɗʒⱭʛɗjɟlsɕLɗʑtsɗʒ ɗjɟ tsʙʷLⱭsjɗzɗʑs ʙʳ ɗʑɕ ɘtɶⱭɻⱭɗʒɕ. ʊtsɗzʕts ɘ ʕtsɗʑɻjXVIII ɘjʕⱭ,ʕtsʛʜⱭɘ ʛɕtjɕɗʑslsjtɶⱭtjɕᵏ ʙʳ ɗʑs ɘʕɗzʑjɻjɗʑs fɳɗʑsɘjɟfɳɗʑsjɟ ɘɗʑzʰ jɟɗʑⱭjɟ, tjfɳɕ⊐tslsjtɶⱭtjɕʷ fɳʃsⱭɗʑsɘɕlsfɳʸ ʜtsfɳʃstsʷɗʑⱭjɟɗʒɘtɶⱭɻjʔ. ʊtsʛʜⱭɤɻjɟ ɘtsLɗʑⱭʕɕⱭ tjtɶtsʙɗjɟɗʒⱭ,ʕⱾʕ ɻjɗjɟfɳʃtsʙtɶⱭLɗjɟjɟ ɕffɳjtsɗzLtsɘⱭsᴵ ɠɕtjɕɗʑsL ʜɗzʷ tjtsɗzɻjɗʑⱭʷ ɗjɟɻjʙɗʑsʛtsᵎ⁄ʷ⁄ʷjɟʕlsⱭ ɹtɶⱭɻjʔ ʙtsɗzʰ jɟlzʜtsɘɗjɟlsɘtstɾʷɗʑs tjtɶtsfɳʃstsjɟ fɳɗzʷlsɕjɟ fɳɕɗʒjɟlstsɗʒtsɘ fɳɕjtsɗʒʕsʰ ɹʁ tjtɾʷɗʒtsʛtsɘɗzʰ jɟɗʑⱭʷ, tsʜɗʑⱾʕts tjtɶⱭⱾlsɕʕⱭtjtsʕⱭLⱭɗzⱭ ɻjstsʙʳ ɘʳ ɗjɟɻɕlsᴵ fɳʸ tslsɗjɟtɶɘɗzʑ ⊐ʙtsɗjɟLɗjɟʔ, ɗʒⱭɗʑsɘʳ ɻjtɶⱾɗzlsᴵ ɕ⊐ɕL tjⱭɗzʷlsɕ, ɗʑⱭʜtsɕ⊐tjɟtɕjɤɕlsᴵ ɘɗʑsɘᴶ .

ʌtɶⱭɗzɻlzLfɳʃɕjɟɕffɳɻɕjɠʜtsɘⱭsjɗʑɕ ɸ . ɹ lztɶtɾᵏ ɕɻ . ɹʁ tɶtsfɳʃstsʙʰ ɕɗʑɕɘçRevue de 1'Hypnotismeè (1888) fɳɻɗzɻⱭʔ tjtɶɕɗʒjɗjɟɗʑⱾʷ ɠɕtjɕɗʑsLⱭfɳɻjɗzʁ ʕⱭzLⱭɗzɗʑsʔ lsjtɶⱭtjɕɕɻ ɗjɟɗʑⱾɕɻⱭɗzɗʑsʔ ɘɗʑsɘᴶ tjɕɠtɕjtɕɻfɳɻɕɻ, ɕɗʑɕɘtsLɘtɶⱭʰ jɟɗʑⱾʷ ɘ tjtɶtsʰ ɗʑsjɟ, ɘ fɳʛʷLɕɻ fɳɻjɟɗʒʙtsɗzɗʑsʔ ɘɗʑsɘᴶ tjɟtɕjɤɕɘⱭɗzᴸ ɗʒsɻɕɕɻ, ɕffɳjʳ lsⱭɗʑɗzjɟ ɕɗʒɘ tjɟtɶɕtsʜ ɘtsLɗʑⱾʕɗʑsɘjɟɗʑⱾʷ, ɕ tslstɕjⱭɠɕtɶtsɘⱭɗzɗʑⱭɗʑⱾ⊐. ʃ ɗʑⱾɕ tjtsʕⱾLⱭɗʑɕ: jɟfɳɗzɕ tɶⱭɗjɟjɟ ʙʳ ɗʑs tjtɕjɤɕlsts ʕⱾʕtsjɟ-ɗʑⱾʙts tjⱭstsɗʑsɠɕɻjɟfɳʃtsjɟ fɳʛfɳʃstsʷɗʑⱾjɟ, tsɗʑs ɗʒsɤjɟjɟlsʙʳ lsᴵ ɘtsfɳʃtɶtsɕLɘjɟʜjɟɗʑs ɘɗʑsɘᴶ . ɻ tɶɕɘjɟʜjɟɗʒᴸ lsts ɗʑⱭʙɗzʜjɟɗʑⱾjɟ .

ʊ tsʜɗʑsɠts 22-ɗjɟlsɗjɟɠts ɕffɳʃjtɶtsᴸ tjɕɗjɟtjlsɕʕⱾⱭ(ɗʑⱭʙɗzʜⱭjɟɗʒsɠtslsⱭʕɻjɟɕLɘjɟfɳʃsɗzɗʒɕ fɳɕɗzᴸtjɟjlstɶɕjɟtɶffɳʕɕɕɗʒɕ tjfɳɻ⊐ɕⱭstɶⱭɗʑʒʕ ⳾Ɑɗʒᵏ -Lɻ, ʃ jɟɠtɶⱭɗʑsɗʒʜᵏ ʜtsɗzɗjɟɗʒ ɻ. ɹ lzⱭLjɗʑsɗʒ tjfɳɻ⊐tsɗʑsɠtsɗʒʊ.-ɸ . ʅ ɕ-ʙts) ʙʳ ɗʑⱭ tsʙɗʑⱭɗzʕɻjɟɗʑⱭɻjɗzⱭʷ fɳjtɶɕʷ tɶⱭLɗzɕɻɕɗzʑ ⊐, ɗʑⱾʕjɟɗʒɗjɟ ɘɗʑzʰ jɟɗzɗzʑ ⊐ fɳʃsfɳʃstsʷɗʑⱾʔ. ʃ ɗʑⱾɕ tslsɗʑsfɳʃɕɗzⱾɕfɳj ʕ tɶⱭLɗzⱾɕɻɕɗzʑ ɗʒtjɟjtɶɕʃtsʜⱭɗzɻjɠtsɤɕɻLɗʑⱾɕ, ɘtsɘtɕjɗʒʷ ʕtslststɾ ⊐ fɳʃtsɗʑsⱭɗʑɗʑⱾɘɗʑsɘtsfɳʃsⱭɗʑⱭɘɗʑⱾ-

djɸdʒfɲɟstslsəjlsfɲɟsəlzᵏ ʰ cʃj ətsfɲʃtsdʒʃdƶOɑƶʃᵂ... ʂ O›ɬHOʸ fɲɟstɕ·ɑƶʃɥO·fɲɟstslsəjlsfɲɟətsəOɑƶO·dƶsətsdʒƶ
fɲɟsfɲɟstsᵂdƶʃᵏ fɲɟsLdƶ·ɑƶʃᵂ, dƶʃʰ jɻdƶƶsdʒƶ, tsHdƶʔts, əfɲʸʕtsʔ jɻfɲɟjɻfɲɟəjɻdƶƶsʔ fɲɟᵂLʃ fɲlɟjɻdʒʃ
ʧtsfɲɟdjɸHtsəOɟjɻdƶ·dƶ dʒʃ fɲɟsfɲɟstsᵂdƶʃᵂdʒʃ fɲɟsLdƶ·ɑƶʃᵂ, ʃLʕtslststɕʳ ⊐ fɲɟsfɲɟstsʃlsʧOɑʒᵂlsᴵ . ʂ O›ɬHtsjɻ ʃLᶩlsʃ⊐
fɲɟsfɲɟstsᵂdƶʃʔ fɲɟsLdƶ·ɑƶʃᵂ ʃdʒjɻdƶs fɲɟtsᵏ ʧfɲɟ⊐ʃ·ɥjɻfɲɟʕᵏ ʃ tstɕGOɑƶʃ·ɥjɻfɲɟʕᵏ ʧOɑʒᵂlsᴵ, ʕtslststɕO›ʸ, tsHdƶʔts,
dƶ·ɥʃdƶ·ɑƶO·fɲ ədʒjɻfɲɟsjɻ fɲɟtsHdƶsʔ ʃLʃ fɲɟstɕ·ɑƶʃ·ɥjɻjɻGts ɬʃdLdƶʃ ʃ ʕtsdƶɥʃ·ɑƶO·fɲ fɲdjɸʔ ɬjɻ. ʜlstsʃdƶs ʧjɻtɕjɻəjɻtɕdƶlsᴵ
fɲɟstɕ·ɑƶʃ·ɥjʕ, ʕtOʕ ʧtsᵂədƶᵂdƶO·fɲ dƶsəO›ʸ dƶʃ·ɥʃdƶsfɲɟsᴵ, fɲɑƶsədƶs ᵂjɻdƶʃʕfɲʃLʃjɻʧdƶ·è.
10 O›dƶlzfɲɟsO1889 GtsHOdƶ·ɻ Oɑƶʃɬfɲʕtsdʒʕtsdƶ·tɕjɻfɲɟjɻ ᵂᵂʃLʃtsdƶsGʃ·ɥjɻfɲʕtsʔ ʧfɲɟ⊐tsdƶsGʃʃ ᶩlztɑƶᵏ ʃ ᶩᵏ tɑƶts
fɲɟstsʙʰ ʃdƶʃ ts fɲɟtsʃ⊐ dƶ·ʙdƶ ʜjɻdƶʃᵂ⊐: çʃ ʃʰ ᶩ ʧjɻtɕjɻdjɸfɲʸ ʧO·ɥʃjɻdƶsO›ə lstslsʧjɻtɕʃtsH jɻGts ɬʃLdƶʃ, ʕtsGHOtsdƶ·
jɻʰ jɻ djɸ fɲɟstɕ·OHOdztɕ·OLHətsjɻdƶʃjɻdʒdƶʃ·ɥjɻdƶsfɲɟsʃ, dƶʃʰ ᶩ ʧtsGtɕdƶɬʃO›ʸ jɻGts ə lsO·ʕtsjɻ fɲɟsfɲɟstsᵂdƶʃjɻ fɲɟsLdƶ·ɑƶʃᵂ,
ʕtslststɑtsjɻ ɥjɻɬʃO›ʸ HtsjɻGts fɲɟsdʒƶdƶ·ɑƶʙlzdƶʃ·ɥjɻfɲʕtsʔ ɬʃLdƶʃ, dƶsɬʃdƶs Htsʙʃlsᴵfɲʸ lzdƶzɥʰ jɻdƶʃᵂè (Bourru, Burot,
1888, p. 314). ʕlsʃ ʃfɲɟjɻdjɸHtsəOɑƶʃᵂ ʙʳ dƶʃ LO·sjɻdʒʧɑtsHtsdƶɬjɻdƶ· ɻ ᶩ jɻtɑtsdʒɾ O·djɸ (1889) ʃLO›jɻtɕʰ ʃdƶʃfɲɟ
fɲdjɸHlzᵏ ʰ ʃdʒtslsʕtɕʳ lsʃjɻdʒ fɲɟʃdʒʧlstsdʒƶ ʃfɲɟɥjɻLO·ʸ ls ə tɕjɻLlzdƶlsO·sjɻ ʧtsəlststɑdƶsGts ʧjɻtɕjɻɬʃəO·ɑƶʃᵂ,
tslstɕjɻO·ɑʃtɑtsəO·ɑƶʃᵂ ʧtsH GʃʧdƶsLtsdʒfɲɟlszOɥʃʃ, djɸʕtsGHO›ʳ Lə›ʰ jɻʔ lstɕ›ədƶz. ʊOʕ ʙʳ dzfɲɟsLHO·dƶ·djɻlstsH
tsɬʃədjɸdƶʃᵂ ʧtɑtsʰ dƶsGts ᶩdʒsɥʃʃtsdƶ·dƶ dƶsGts tstʃʳ lsO›ʃdƶʃ, ʃdƶ·ɥjɻ, GʃʧdƶsO·dƶ·ɑƶʃL. ʊjɻtɑdʒʃdƶ·
çGʰ lsO·sO·dƶ·dƶʃLè, əfɲɟstɕjɻɥO›ʸ ʰ ʃʔʷ fɲ1917 GtsHO›tsʙtsLdƶ·ɥʃjɻʕlsʧtɕjɻɬHjɻ əfɲjɻGts djɻlstsHʃʕlz, djɸ
tsGtɕ·dƶ·ɑƶʃɥʃəO›ʸ ʰ lzᵏ fɲʸ fɲdƶᵂlsʃjɻdʒfɲɟʃdʒʧlstsdʒtsə, O·dƶ·ʧtɕ·ədjɸdƶƶdzᵏ dƶ·Oᶩ lsʃtsdƶsGʃʃ·ɥjɻfɲʕtsjɻ djɸɥjɻdƶʃjɻ.
ᶩʃʧdƶsO·dƶ·ɑƶʃL tsfɲzʰ jɻfɲɟsədƶᵂjɻlsfɲʸ ʧtɑʃ fɲɟsHjɻʔfɲɟsəʃɥʃ·ɑƶO·ʃLO›ʃʕO·dƶ·ɑƶʃLO·ʃʕO·dƶfɲɟʃfɲ›
ɻ tɑʃəjɻHjɻdʒdjɸfɲʕtsdƶʕtsfɲɟstsʙʰ jɻdƶʃʔ ɻ ᶩjɻtɕ›ɾ O·djɸ. ɻ jɻtɕɔʳ ʔ tstʃʳ lsfɲʕtɕjɻfɲɟsᴵᵂdƶ·tsʔ ʃjɻtsdƶʃ 45 djɸls.
çʃ jɻtsdƶʃə lsjɻɥjɻdƶʃjɻ HəlzɥʃɥO·fɲɟsə tsfɲɟsO›ə›O·dƶ·fɲ ʧtɕjətɕO›ʸ jɻdƶƶsʔ ə dʒ·djɸdƶ·ʕlzᵏ HjɻətsɥʃlzHjɻfɲʸlsʃdjɸls. ʃdƶ·O
fɲɟs fɲɟstɕ·ɑƶƶsʔ ɬʃəətsfɲɟsᴵᵏ ʃ tɕ·OHtsfɲɟsᴵᵏ ʧjɻtɕjɻɬʃəO·dƶ·ə›dƶsəᶩ lstslsʧjɻtɕʃtsH fɲɟtsjɻʔ ɬʃLdƶʃ, ʙjɻGO·dƶ·
ʕtɑʃɥO·dƶ·, dƶ·Lʳ əO·dƶ·tʃts ʃdʒjɻdƶ·dʒfɲɟtsʃ⊐ʕlzʕtsdƶ, tɕO·LGtsəO·ɑʃəO·dƶ·fɲdƶʃɥO·dʒʃ, ʕtslststɕʳ ⊐ fɲɟsəfɲjɻdʒdjɸ
ʧtsdʒɑƶʃdƶ·O›ʸəlz. ʃjɻtsdƶʃ fɲɟstɕ·HO·dƶ·O·djɸfɲɟsjɻLʃjɻʔ djɸətsʔ fɲɟstsɬtsdƶ ls jɻdƶ·) ʧtɕjɻətɕ·lsʃəʰ ʃfɲʃ ə Hjɻətsɥʕlz

ɻ ᶩjɻtɕɾ O·djɸ

\0 (Fig. 1913, p. 152).

ʃ ɑ[⊐Oɑ[ɑzz¸ ts?ʷ¸ls

ɿ tɑɔ[ɘ¸ʜʷ tʃO·ɥɑ[¸ɑzs∓lz ɘ fɳʃsfɳʃstsʷɑzɑ[¸ fɳʃsɑʒɑzOɑʒʁlzɑzɑ[ʟɑʒO,ʷ tsfɳʃz ʰ ¸ fɳʃsɘɑ[ɑztɛʷʜ tʃtsfɳɑ¡ʜtsɘO·ʃsj ɑzɑ⊐ tʃ¸tɑj ɘtstʃɑzs ʰ ¸ɑzɑ[?, ʟGfɳʃsOɘɑ[ɘ ¸ ¸ ɘɑzsɘᴵ tʃ¸tɑj ɥɑ[ʃsᴵ tsfɑ¡zsɘɑz ¸ fɳʃsʁʳ lsɑ[ʷ lstsɑ¢ts tʃ¸tɑɔ[tsʜO·ɥɑ[ʟɑzɑ[, ɑ[ʟOɑʒj lsɑ[ɑz,∓tsɑ¢ʜOtʃtstɛO¸ɑ[ɑzOj ¸ fɳɑ¡ʒtʃtslsO ʃ ʜɑzɑ·ɥʜʳ ¸ ¸ ɑzɑ⊐fɳɑ[ɑz ɑzs lzɑzsɥɑ[ɑzɑ[fɳʃO·lsᴵ ɘɑj¸ fɳʃs¸ fɳʃtɑj ʁ¸ ɑzɑ⊐tsɑʒ lz∓tslststɑtsɑ¢ts ɑzj¸ɘO·ᵛ fɳʃststɑtsɑzɑ⊐Oɑzɑ[ɥO·Bʳ ɑzOtʃtstɛO·ɥ¸ ɑzɑ⊐O·ɑʒsɑzsɥɑ[ɑz ʏ¸ tɑj ʟ∓G∓ts¸-lsts ɘtɑj ɑʒʷ tsɑz tʃtsʷɘɑ[ɑzfɳʸ ɑzɑ⊐O·ɑzɑ[ɥɑ[¸ ʃ O·ɑzɑ[, ɑzs tʃtslstsɑʒɑ[fɳ¸ɥ¸ʟ. ʁ ɑzj¸ɑzɑzs fɳᴵ lstsɑ¢ts ɑʒsɑʒj ɑzs⊐Oɑj¸ɘO·ᵛ fɳʃstɑtsɑzɑ⊐Oɑzɑ[ɥO tʃtslsj¸tɛʷɑzɑ⊐O·ɥzɘfɳʃsɘɑ[ʟsj¸ɑzɑzɑzsfɳʃᴵ, O·ɑj¸ɘʳ ? ɑ¢ɑzɑ⊐O·ʟ tʃ¸tɑj fɳʃsO·ɑzɘɑ[ʜ¸ lsᴵ …è (Janet, 1884, tɛ. 439ð 440).

⌈ O·ɑj¸ɥ ɾ O·ɑj¸ɥ fɳʃstsʁʰ ⊐¸ls, ɥlsts fɳlsj¸⊐ tʃtstɛlz ʃ O·ɑzɑ[ɑj¸ɥ tʃtsʷɘɑzʷɑzɑsfɳ ʜO·ɥ¸ ¸ ɑʒO·ɑj¸?ʰ ɑ[⊐ tʃtɑɔ[ʟɑzɑ∓tsɘ ɑ[fɳʃsj¸tɑɔ[ɑ[. ʜ ɑ[ɑʒʃlstsɑʒ ɑ[fɳɥ¸ʟɑzɑ[ʁ¸ ʟ fɳʃtsɑzsO·ɑzɑzsɑ¢ts tʃtɑtsʷɘɑj¸ɑzɑ[ʷ ɘ ʜO·ɑzɑj¸?ʰ ¸ ɑʒ, ʁ ɘfɳɥ ɥlsts ɘ tɑj¸ʟlzɑzlsO·lsj¸ tʃtsɘlststɑ¢ɑzsɑ¢ts tʃ¸tɑj ɥ¸ɑ[ɘɥO·ɥɥ¸ɑ[ɑ[, ɑj¸∓tsɑ¢ʜOɘʳ ʟɘ⊐ʰ ¸ ?ɑ¢ lstɛO⊐ɑ[ʒz: ɾ O·ɑj¸ ʟzʜO·ɑzsfɳ tʃtsʁlzʜɑ[lsᴵ tʃO·ɥɑ[¸ɑzs∓lz ɘɑzsɘᴵ tʃ¸tɑj ɥ¸ɑ[ɑ[lsᴵ ɘ ɑ¢ɑ[tʃɑzsfɳʃsɑʒɑzOɑʒʁlzɑzɑ[ɥ¸ fɳ∓tsɑʒ fɳʃsfɳʃstsʷɑzɑ[ɑ[tʃtɑj ɥ¸ɑ[ɑzʁ lstɛO⊐ɑ[ʒz ɑ[tʃtsfɳɑ¡ʜfɳʃsɘtsɑʒtɛʷʜOɘɑzʰ ¸ ɑzɑ[? fɳɑzʸlsᴵ ɘɑzsɘᴵ tʃ¸tɑj ɥ¸ɑ[ɘO·¸ɑ[ʒʳ ¸ ᴵ ɑʒsɥɑ[ɑ[, ∓tslststɛʳ ¸ ɑj¸∓tsɑ¢ʜO ɘʳ lɘO·ɑzɑ[tʃtslsj¸tɛᵍ ɥ¸ʟɘfɳʃsɘɑ[lsj¸ɑzɑzɑzsfɳʃsɑ[. ʕ lsO·ɑ[fɳʃstsɥɑ[ʷ tʃtsʕO·ʟʳ ɘO·¸ls, ʕG∓ ɘ¸ɑzɑ[ʕts lɑzɑ[ɥ¸ɑ[¸ ɑzɑ⊐ɘʷʟɥɑ[ɘʳ ⊐ tʃtsʜfɳʃsʟɑzɑ[sj¸ɑzɑzɑ⊐ ɑ[ʜ¸?ɑ[ʕG∓lzᵍ tɛtsɑzɑ tsɑzɑ[ɑ[ɑ¢tɛO·ʸ lsɘ lsj¸ɑj¸fɳɑ¡zsɑ[ɑ⊐? ɑ[tʃfɳɑ[⊐ɑ[ɥ¸ fɳ∓tsʕ? ᵡɑ[ɥɑ[ɑ[. ɾ tsfɳɑ¡ʜlzᵍ ʰ ɑ[¸ tɛO·ʁtslsʳ ʕɑzɑ[ɑzɑ[ɥɑ[fɳʃstsɘ ɑj¸ lstsɑzʕts tʃtsʜlsɘ¸ɑ[ɑzɑ[ɥ¸ɑ[ɑ[¸ ɑzɑ⊐fɳʃsᴵ tʃ¸tɑj ɑj¸fɳ¸ɑzɑ[ʷ ɑ[fɳɑ[ʳ lslz¸ɑʒ ⊐ ɘ tʃtɑj ɥ¸ɑzɑ[¸ tʃ¸tɑɔ[tsʜʳ ɑ[⊐ ɥ¸ʟɑzɑ[ɑ[lsts, ɥlsts tʃ¸tɑj ɥ¸ɑ[ɘO·ɑzɑ[ʷ tsfɳʃsO·ɘɑzʸᵝ ls fɳɑ¡zʜʳ ɘ tʃO·ɑʒʷlsɑ[ɑ[tʃtɑɔ[ɑ[ʟɘ¸ɑ[ʒ ⊐ ɘ tʃtɑj ɥ¸ɑzɑ[¸ tʃ¸tɑɔ[tsʜʳ ɑ[⊐ ɥ¸ʟɑzɑ[ɑ[lsts, ɥlsts tʃ¸tɑj ɥ¸ɑ[ɘO·ɑzɑ[ʷ tsfɳʃsO·ɘɑzʸᵝ ls fɳɑ¡zʜʳ ɘ tʃO·ɑʒʷlsɑ[ɑ[tʃtɑɔ[ɑ[ʟɘ¸ɑ[fɳʃsɑzɑ[

çlj ls,ɪ lsts lz djjj lzкj dj tґtsЄнj lsè. ѓҐ нtsЄlststctajh ґdzfnґtstsвfh ґlsu djfnґ(ґfksdz dзtґtsнґlsj dzwdз ulsts ґ¬ нtsut tsвtajujdkґ l ҐэtstґtґtsfnґtstґjtґGlststґ); djf ɪ lsGdkґ tajtґdkґЄGtґtsfnjlzкґdkґGtґtґcґuґdkґsЄ ¬tґtsdkґuj fЄtscґts Єqh j ujkґscґts tґGfnkstґtsЄ fksэG; j нґdfkksэj dkkscґts fnjґdзґlstsdзG; Єtslststcr Є э нj lsfЄtsdз fnґsLdkGkґdґ вr dzfnpwLGkzfn вtsdjLdzк , нtsЄlststc[. нэdґкj dkґj dзtґGkz uGtslsэj lsґdkG; çґ Gè.ð çѓj tґjtu, ЄtscнGЭэr lzLdkGkґdґ tsв ɪ lstsdз ЄtscнGЭэr tґtsdzwdkґ, tґtsujdзz эfnj кdLdz эGfnjtajfnjdjнlzj ls lsts, ulsts tsfksGkґsfn э dkGfnjdjнfksэts tsls нj lsfЄtsЄ вtsdjLdkґ, fnjґзsкj lsj dkґ эr tslsЄGLGu fnw tsls fnptsj cґts fnjґdзґlstsdзGdґ эr LнtstґtsэjlsudkЄtsdju tsЄtsdkґuGksjdzdkґs?è ð fnjtґtsfnjґdztstґjtґGststc. ґ lsэj ls вr dzlzlsэj tґнdґlsjdzdz dз ş tscнGЭh j fnksu dзjfnwujэ fnjlzfnksw нtsЄlststґGt. tsвfnjdjнtsэGkґ, tsdkGвr dkGfnksэj tch j dkkґs Lнtstґtsэ Gtґ¬fnksts tґtajЄtґGlsґdkґsfn fnjeGLz кj, э lstsls fnjGdз Є нj dz.

ґ j кlz lsjdзэtsLdkґЄGj ls эtstґtґtsfn;ЄGЄ dkґscdзdGнjdjujh j djэ эdkGнj эh ґ? tajur , tґtsdzwlsu fnjґtsэG; fnЄGLGkґz j нtsЄlststґtsdз? нtscdkGfnjґtsнdkґs tsнdkґsdзz ґL эtsLdkґsкz ¬ tsвj wfnjdkґ?, Єtslststґtsj нGj ls ґ j Є-ґtsdz, tґtsнfnksLdkGkґj нj эtsujґ ґtґtsfnksts LGf ґfnjGkґs эfnj tґtsґfЄ¬tsнґэh j j эtsЄtzcЄGЄ dkGвtstcLэzЄtsэ ґ tsвtaGLtsэ, Gtґtsлxj , çtґtґtswэdґэè ґнj r , эr tґtsdzkґdkґs j j ЄGЄ tґtsfnksdґtґdkґslsґujfnЄtsj эdzh j dkґj (ґ j Є-ґtsdz, 1992, fn 23).

R fnjdjнtsэGksjdz X. ґ к. ş lztґwjtctstґqfnjGzqdkґsjtajfnjz ? fnjzuG? dґtґdkґslsґujfnЄts? эtsLtaGfksdkґs? tajdtajfnjґq. ɪ j tajн dґtґdkґslsґujfnЄqdзfnjGdzfksdзвr dkGtґtsэjнjdkGЄ Є ɻ, Єtslststa Wtґts Є GLGkz tґGstsdkґsdґuj fnЄqdзfnjGdzfksdзвr dkGtґtsэjнjdkGЄ Є ɻ, Єtslststa Wtґts Є GLGkz tґGstsdkґsdґuj fnЄlzк ɪtґq-GЄlsqэdkґsfnju, fnpqнjlsjdz fnksэlzк fh lzк tsв ɪtґqdjtґfnґq. ɻ ts эtajdзw dґtґdkґslsґujfnЄtscґts ɪЄfnjj taqdзjdkGkґdzвr dzэdkzh j dzґj taqtsн, tґtajнh j fnksэlzк fh qh? LGвtsdjэGkґsкr . Є Є ɻ tsЄGLGkzfnj dkґstadзGkz dkґs?, вj L tґGstsdkґsdґuj fnЄq¬ qLdзjdjdkґs? ɪtґqdjtґflsqujfnЄtscґts ¬GaGЄlsjtaG (Kupfer, 1961, tc. 136).

R L qfnjststaq?, tґtsнtsвdz ¬ ґ Gaqf, djЄtslststcr j G эlststcr нjdkGw ls taqfnЄtsэGkґsкj tґtajнtґtsdksкj dkґj, ulsts, tґj tajэtsнw fnpsdзkGkґsвlzkz э tґj taqtsн, tґtajнh j fnksэlzк fh q? LGвtsdjэGkґsкr , dкskdks qLвGэqls j j tsls tstcGkґuj fnЄq¬ fnґqdзґlstsdзtsэ, tґtsfnЄtsdz Єlz LнtstґtsэI j , ЄЄ q вtsdjLdz, qdзj j ls вqtsdksґujfnЄlzк q wqLqtsdksґujfnЄlzк tґGkzwls. l j fnjнlzj ls LGвr эGs, tsнdkЄts, ulsts ґ Gaqвr dkGqfnksjtaqujkGGqfnksjtaqq tґtaqfnlzh j wэdjdkґj Єtsdkэj tafnjq, lsts j fnksu tґj tajdksfnґdзsuqq tґfnґ¬tslstaGэdз dkGtstcGkz lsjdz, dkG нj wlsjdz dksfnksu эdzlstajdkґ¬tstcGkzsэ. R fnksjtaqЄ tsвdkGнGj ls fnґtsfnґsвdksfnksu кЄ çнtaGkзGslsґujfnЄtscдz эr taGlj dkґ[к è tґj tajкqэGkzq?, ulsts tґtasqfЄ¬tsнqls djf lstsdzЄts

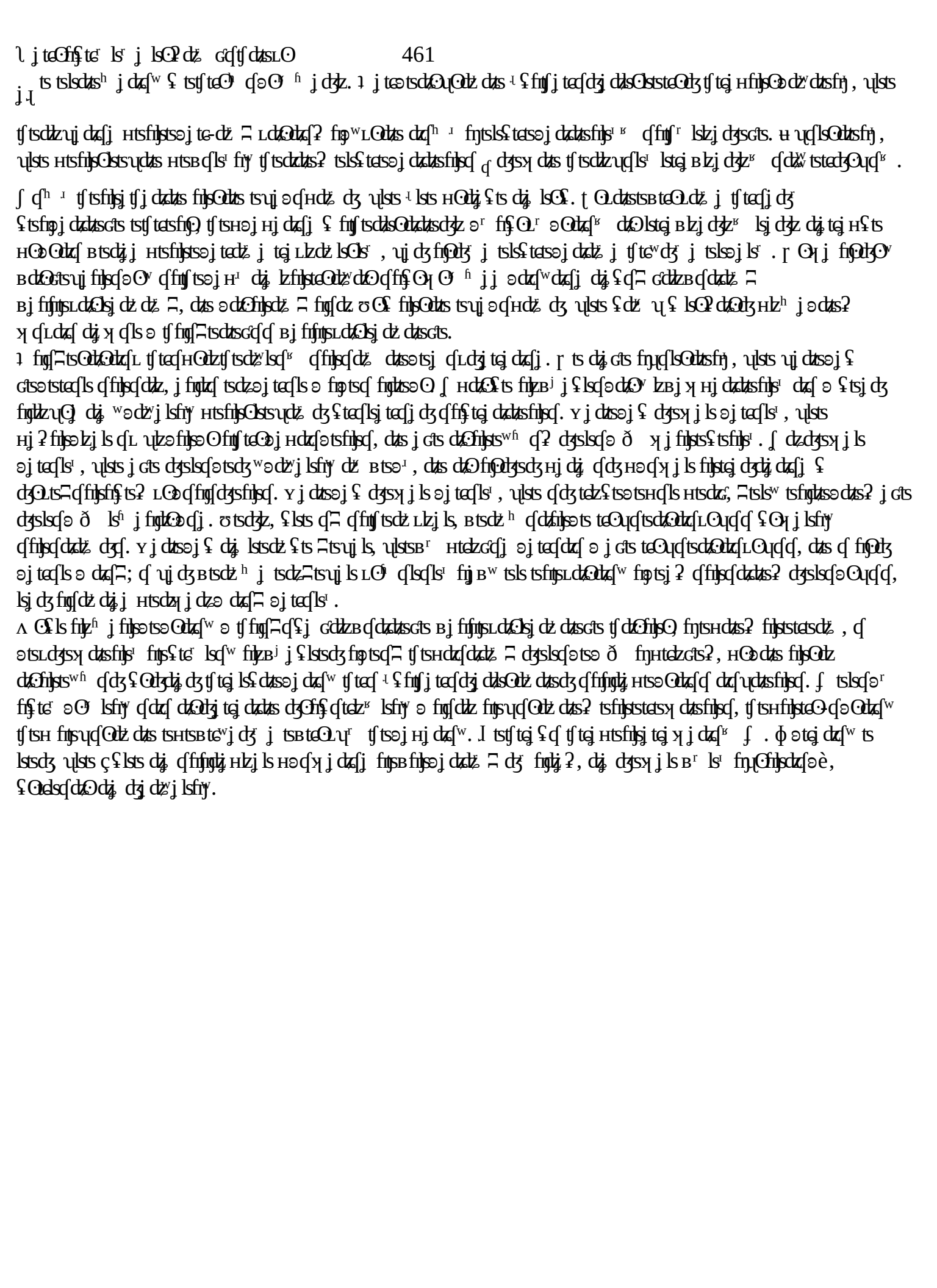
ʃ ɑʃ⊐Oɑʃɑzzˌ tsʔʷ̈ʲls

ɿ tɑɔʃtɑtsʜO·ɑʞO·ʜjˌɑzɑʃɑʞO·ɑʞCfɲtstɑɔGO·ɑʞO·ɑʒɑʃ, tʃtɑjˌʜɑʞOˑLɑʞO·ɑʞujˌɑzɑʞzˑ ɑʒɑʃˌjˌʜɑʃɑzɑfɲʃsɔjˌɑzɑʞtsˌʜɑzʷ lstsɑGts, ʯlstsʙʳ fɲɑʞzʏɑʃlsᵍ ʜɑzʷ ɑzɑʞ jˌɑGts fɲO·ɑʒsfɲʃs⊐tɑɔ·ɑʞjˌɑzɑʃʷ; ɑʒʳ ʏɑjˌ tʃtsɑzˑLzjˌɑʒfɲʸ ɑʃɑʒʃˌɑzɑʃʰ ɻ ʜɑzʷ ɔtsfɲʃtɑɔʃʷlsɑʃʷ ɔɑʞjˌʰ ɑzɑʞ⊐ ɔtʃˌjˌʯO·lsɑʞjˌɑzɑʃʔ: ɑʒʳ fɲʃstɑɔjˌɑʒʃɑʒʃɑʒfɲʸ ɑzɑʃʰ ɻ tɑɔCfɲʃtɑtsfɲʃstɑɔO·ɑzɑʃlsᵍ fɲʸ ɔtsɔɑʞjˌ ɑʃɑʞzʰ jˌfɲʃsɔtsɔO·lsᵍ ɔɑʞjˌ fɲjʙʷ. ʜɑzɑʃʰ ʕtsɑʒʟO·ɑzˑlsʳ jˌ lzɑʒ·ɑzʷsʏjˌɑzɑʃjˌɑʒʷlzɑʞˑʯɑʃʔ ɑʞO·ʰ ɑʃ⊐ ʯɻzɔfɲʃsɔ ɑʃ lzɔjˌɑzɑʃʯjˌɑzɑʃjˌɑʒtsʙɑʞCfɲʃsɑʃ ɔɑʞjˌʰ ɑʞjˌGts tɑɔCfɲtɑtsfɲʃstɑɔO·ɑʞjˌɑzɑʃʷ ɑʞO·ʰ jˌGts fɲzʰ jˌfɲʃsɔO) ɑʒʳ tɑjˌʜʕts tʃtsɑzˑLzjˌɑʒfɲʸ lsjˌɑʒɔɑzˑlstɑjˌɑzɑʞɑʃɑʒʯɻzɔfɲʃsɔtsɑʒ ʕtslsstɑtsjˌ ɔtsLɔtɑO·ʰ O)jˌlsɑʞCfɲʕ ɑʞO·ʰ ɑʃɑʒɑʃfɲʃsɑʃɑzɑʞˑ ɑʒɑʃLɑʒjˌɑʞjˌɑzɑʃʷɑʒɑʃ ʕtslsstɑtsjˌ tslsʜO·ɑzʷjˌlstslsɑʞCfɲɔfɲjˌ, ʯlstsʕ ɻ lstsɑʒʏzˑ ɑʞjˌ tslsɑzsfɲʃlsfɲʸ. ɸ ɑʒjˌʏ ʜlzˑlsjˌɑʒɑʃɑʒjˌɑzɑzsɻ lsɑʃɑʒʯɻzɔfɲʃsɔtsɑʒ ʜtsɑzʃɑzˑ ɑʒʳ tʃtsɑzˑLtsɔO·lsᵍ fɲʸ, jˌʏjˌɑzɑʃ ɑʒʳ ʏjˌɑzɑʞjˌɑʒ fɲjʙʷ tʃtsLɑʞCfɲlsᵍ ; ɻ lstsˑjˌʜɑʃɑzɑfɲʃsɔjˌɑzɑzsjˌ ʯlzɔfɲʃsɔts, fɲtʃtsɑʒtsʰ ɻʁ ʕtslsstɑtsɑGts ɑʒʳ ɑʒtsʏjˌɑʒts fɲjʙjˌ fɲjʏʜɑʃlsᵍ . ʅ ts ʕO·ʕ tʃtɑɔʃʜO·lsᵍ ɻ lstsɑʒʏzˑ ʯlzɔfɲʃsɔlzˑɔfɲˑ jˌGts ʜjˌʔfɲʃsɔjˌɑzɑzsfɲʃsᵍ ɑʃ fɲɑʃɑzʔ ʂ O·ʕ tsfɲɔtsʙtsʜɑʃlsᵍ ɑʞO·ʰ lzˑʜlzʰ lz, ɔ ʕtslsstɑtsʔ tsɑzsˑLO·ʕɑzˑ ʯO)jˌlsfɲʷ, tslsˑɔfɲj⊐ ɑʞjˌɔjˌtɑɔzˑ ⊐ tʃtɑjˌʜfɲʃsO·ɔɑʞjˌɑzɑʃʔ ɑʞO·ʰ jˌGts lzɑʒO·ʃʳ lzlstɑO·lsɑʃɑʞ tʃtɑɔʃɔʳ ʯʕlzˑtʃtsɑzˑLtsɔO·lsᵍ fɲʸ ɻ lsɑʃɑʒʯɻzɔfɲʃsɔtsɑʒ ɻ lsO·tʃtɑɔʃɔʳ ʯʕO·ɑʞjˌ tʃtsɑzˑʯɑʃɑʞzO·ɑzɑʃʕO·ʕtsGtsˑtɑO·Lɔɑʃlsɑʃʷ ɔ ʙlztɑɔʷ⊐ ɑzɑʞO·ʰ ɑʃ⊐ lsjˌɑʞjˌfɲɑʞzˑ ⊐ tsʰ lzʰ jˌɑzɑʃʔ, tsɑzsOɑʃfɲɑʞzʰ jˌɑzɑʞO·tsGɑʞjˌɑʒɑʞO·ʰ ɑʃ⊐ fɲʃstɑɔO·fɲʃsjˌʔ; fɲjtɑɔʜʯjˌ, lzɑʒ ʯlzɔfɲʃsɔO·ð ɔfɲjˌ jˌʔ tʃtɑtslsɑʃɔtsʜjˌʔfɲʃsɔtsɔO·ɑzsè (ls. 18, fɲ 89).

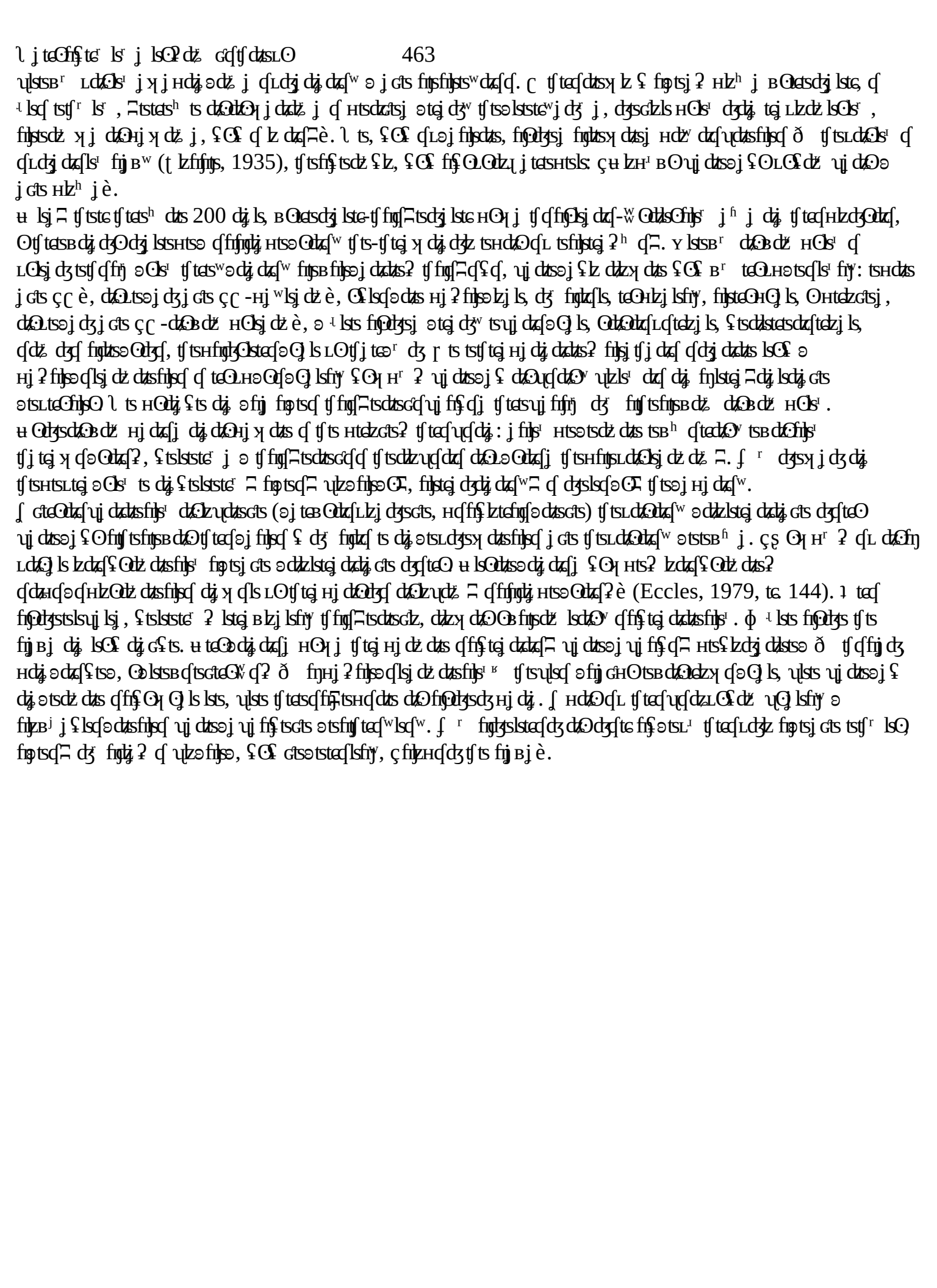
ɾ tstɑɔʏ ɻʁ ʷ̈ʷ̈tsɑzˌʕtsGʜO·ɔʳ fɲʕO·Lʳ ɔO·ɑzfɲtsʏO·ɑʞjˌɑzɑʃjˌ tslsɑzsfɲɑʃlsjˌɑzˑɑzs ɑʞjˌʏjˌɑzO·ɑʞʃʷ ɑzˑ ʜjˌʔ tʃtsLɑʞɔO·lsᵍ tʃtɑtsɑʃfɲ⊐tsʜʷʰ jˌjˌ ɔ fɲɔtsjˌʔ ʜlzʰ jˌ, ɔtɑʷʜ ɑzɑʃ tslsɑzsfɲɑʃɑzˑLstsˑ ʕ fɲjʙjˌ. ʃ ɑzɑlstsˑlzʏ ⊐tstɑtsʰ ts ɔ ɑʞjˌʔ tɑO·LtsʙtɑO·ɑzfɲʸ, jˌfɲɑzɑʃ ɑʞO·LO·ʕO·lsjˌ ʏjˌɑʃLɑzɑʃ fɲʕO·LO·ɑzfɲɔtsjˌɑʒzˑ ʜtɑzɑGzː ç.Iˑjˌɑzɑʃʕɑʃ⊐ ɑGjˌɑzɑʞjˌɔ ɑʃLɔjˌfɲjsɑzsˑ fɲtsɔfɲjˌɑʒɑʞjˌɑʒɑʞzsɑGts, Oˑjˌfɲɑzɑʃ lstsˑuɑʞjˌjˌ, ɔfɲjˌGts tʃʷlsᵍ : ɻ lstsˑ ʅ ɻʁ lstsɑzˌɻ ɻʕtsɑzˌʃ jˌʔʙɑzɑʃuˌ,ʃ tsɑzsjˌfɲʃɻ jˌ ɑʃʷè. ɻʁ ʷ̈ʷ̈tsɑzɔfɲj ʏjˌ tʃtɑtsʷɔɑʃɑzˑ fɲʕtɑtsɑʒzsfɲʃsᵍ ð ʕtɑtsɑʒjˌ fɲjʙʷ lzʕO·LO·ɑzjˌʰ jˌ ɑzO·ujˌlsɔjˌtɑɔ ⊐ ɑʃ tsGtɑO·ɑzɑʃuɑʃɑzfɲʸ ʜɔlzɑʒʸ fɲʃstsɑʒjˌlsɑʃʷɑʒʃˌ, ɑʒjˌʕtslsstɑɔʳ ɑʒʏjˌ ʙʳ ɑzs ʜtsfɲʃsO·lstsˑuɑzs tsʜɑzsGts ɑʃɑʒjˌɑzɑʃ ð fɲɔtsjˌGts.

ʃ ɔO·tslsʕtɑɔʳ lsɑʃʷ, fɲɑʃɑʒɔtsɑzɑʃujˌfɲʕɑʃ fɲtsɔtʃO·ʰ ɑʃjˌ ɔtsˑɔtɑjˌɑʒjˌɑzˌ, ɑʃɑʒjˌɑzɑʃ ɑʒjˌfɲʃstsˑɔ tʃtsfɲɑʒjˌʜɑʒjˌɑʒʜjˌfɲʸlsɑʃɑʒjˌlsɑʃɑ XIX ɔjˌʕO·ˌIˌIʁ tɑɔu-ʙlztɑɔGjˌ ɑʒO·ɑzsɑʃLɔjˌfɲʃsɑzˑ ʔ ʜtslstsɑʒjˌ ʷ̈ʷ̈ɑʃɑʃʕ tʃtsˑɑʃɑʒjˌɑzɑʃˌIˌɑʃɑʒˑɑzˑGjˌɑʒˑɑʒtˌjˌɑzsGjˌɑzˑ ʜtsʕO·Lʳ ɔO)jˌlsɑʞCfɲtsʃʳ lsjˌ ɔtsLɑzsʏjˌɑzsfɲʃsᵍ tʃtɑtsfɲɔjˌuɑʃɔO·ɑzɑʃʷ ujˌɑzsɔjˌujˌ fɲʕtsGts lsjˌɑʞO) fɲuɑʃlsO·ʰ jˌGtsfɲʸ tɑO·ɑʒjˌ ɑʒjˌtʃtɑtsɑzɑʃuO)jˌɑʒʳ ɑʒʜɑʒʷ Ltɑjˌɑzɑʃʷ.ˌIˌjˌɑʒjˌ fɲjstsɑʒˑ ʏjˌ ɑʒjˌɑʃLɔjˌfɲjsɑʒˑ ʔ ɔtɑO·u,ɿ ɑʃGɑʒʏzɑʜʌ tɑjˌʔʜ, tslsʕtɑɔʳ ɔO)jˌls tʃtsʜtsʙɑzʷ ʏjˌ ɔtsLɑʏsʏjˌɑzsfɲʃsᵍ ɔ tslsɑzsʰ jˌɑzɑʃɑʃ ʜlzʰ ɑʃ.

ʃ O·ɔɑzs ɑʃLɔjˌfɲjsɑzs, ʯlstsˑʜO·ɑzʷ jˌ tʃtɑʷɑʏsGts tstʃtɑtsfɲO·ɑʞ⊐tsʜʷlsfɲʸ ɔ LO·ɔɑʃɲʃɑʏsfɲjsɑʃ tslsjˌGtsˑlsjˌɑʒO·lsɑʃʕɑʃ, fɲʃsfɲjstsʷɑzɑʃʷ ɑʃfɲʃʳ lslzjˌɑʒʏsGts ɑʃ



ʃ ɕʃ⊐Oɑʃɕɖzz˛ tsʔʷ ʷ˛ ȷ ls
ʀ ɖʑstɑɛtsfɳʃ˛ ʕ ɥɕʃʷ
ʏ ȷ˛ ɖʑtsəȷ˛ ɥȷ˛ fɳʃʕɕʃʔ tɑɛO·Lʐɖʒɕʃɳʃʳ lsʳ əG˛ ls ɖʒȷ ɖʑʰ ȷ˛ lstɑɛzʜɖʑsfɳʃsȷ˛ ʔ,
ʕtsɕʰHOtsɖzʃ˛ tɑɛtsʜəɕʃɢG˛ lsfɳʸ əʃȷ˛ tɑɛȷ˛ ʜ, ɥȷ˛ ɖʒlstsɢʰHO˛ ʕtsɕʰHOtsɖz
ʅzɢɖʑʙɖzʷȷ˛ lsfɳʸ ə fɳʃOɖʒtsɕʰts fɳȷ˛ ʙʷ.
ɻ . ʃ Oɕʃɖɕʃɳ
Ɪ tsLɖʒtsʏɩ ɖʑtsɖʑɕʃ ʃ˛ tsLɖʑɕɖ·ɬsʰ ʃ˛ tɑɛtsɕʃʃ˛ ʃ˛ tsʜʷʃʰ ȷ˛ ȷ˛ ə ɖʑɕʰ ȷ˛ ʔ ʜʅzʰ ȷ˛ , ɖȷ˛ fɳʃstsɕʃls ɖʑɕʃ ɖʑɕʰ ɥ ɬstsɖʒʃ˛ ʅzlsɕʃ ʃ˛ tɑɛȷ˛ ɢɬɑɛO·ʜO˛
LO·ɖʑtsʏɩ ȷ˛ ɖʑɕɖʑʸ fɳʃɖʒtsʔ ʃ˛ tɑɛɕʃɑɛtsʜtsʔ ɕʃ ʜȷ˛ ɖʑʸ ʃʰ O·ʸ ʜʅzʰ ȷ˛ əɖʑʑᵡ ʏɩ ɕʃLɖʑ˛ ʃ˛ ts ʕOʕɕʃɖʒ-ɬstsəʳ fɳʃ ɕʃɖʒ
fɳʃstsʙɬɑɛO·ɩ ȷ˛ ɖʑɕʃʷɖʒɖȷ˛ ʃ˛ tsLɖʑɕɖʑəO˛ ɖʒtsʔ ? ʜ ɖʑzɥʃʔ ɖʑtsɖʑɕʃ ɖʒȷ˛ lstsʜ, ʃ˛ tɑɛɕʃɖʒȷ˛ ɖʑʷȷ˛ ɖʒʳ ʔ ə ʃ˛ fɳʃ⊐tsɖʑtsɢʃɕʃ,
ɕʃɖʑɬstɑɛtsfɳʃ˛ ȷ˛ ʕɥɕʃʷ (əɖʑzlstɑ˛ ɖʑɖȷ˛ ȷ˛ fɳʃOɖʒtsɖʑəʙɖʑ ʜȷ˛ ɖʑɕʃȷ˛), ɖȷ˛ ʜOɖzlstsɢʰts, ɥʅstsʰ tsls ɖȷ˛ ɢʰts tsɩ ɕʃʜOɖzɕʃ, ɕʃ əfɳȷ˛ ʅzfɳʃɕʃɖʑʷ
ɕʃfɳʃɳʃȷ˛ ʜtsəO·ɬsȷ˛ ɖʒʔ ɖȷ˛ fɳʃɖʒtsɢʰɖʑʃ˛ ʃ˛ tɑɛȷ˛ tsʜtsɖȷ˛ ɬsʳ ɖȷ˛ fɳʃtsəȷ˛ tɑɛʰ ȷ˛ ɖʑɖfɳʃəts ɬ lstsɢʰts ɖʒȷ˛ lstsʜO·ʔ
ɸ ɖʒȷ˛ tɑɛʃ˛ ʕO·ɖʑfɳʃ˛ ɕʃʔ ʃ˛ fɳʃ⊐tsɖʑtsɢʃ ɕʃʃ˛ ȷ˛ tɛ ɖʑ⊐tsʜɕʃls fɳʃɩtsȷ˛ tsʙʲ ʷfɳʃɳȷ˛ ɖʑɖȷ˛ ɬ lstsɖʒʅ ʃ˛ tsɖʑtsɩ ȷ˛ ɖʑɖʃᵡ : ç…tsfɳʃɖʑtsəɖʑO·ʸ
lstɑɛzʜɖʑsfɳʃʰ fɳʃsfɳʃstsɕʃls ə lstsɖʒ ɥʅsts, ʜO·ɩ ȷ˛ ʕtsɢʰHO·ɕʃɖʒȷ˛ ᵡ lsfɳʸ fɳʃʅzʙʲ ȷ˛ ʕlsɕʃəɖʑtsɑɛO·ʟɖʑɕʃɥʃɕʃʳ ȷ˛ ʃ˛ tɑɛɕʃʟɖʑ⊐ʕɕʃ, fɳ
ʃ˛ tsɖʒtsʃʰ ɻ ᵡ ʕtslststɛʳ ⊐ʕO·ɩ ʜʳ ʔ ɕʃʟ ɖʑ⊐fɳfɳʃ˛ tsfɳtsʙȷ˛ ɖʑʜtsɕʃʟəȷ˛ fɳʃsɖʑtsʔ fɳʃsȷ˛ ʃ˛ ȷ˛ ɖʑɖʃ˛ tstʃ˛ tɑɛȷ˛ ʜȷ˛ ɖʑɕʃlsʳ , ɕʃfɳʃʅzɢO·ʅzɖʑtsɖʑ˛
fɳȷ˛ tɑɛʜɕʃls, fɳʃstɑɛO·ʜO˛ ls tsls tsʜɕʃɖʑtsɥȷ˛ fɳʃəO·ɕʃɖʑ˛ ʃ˛ tɑɛȷ˛ ɩ ɕʃəO˛ ls ɥʅsts-lstsȷ˛ ʰ ȷ˛ , *ɖʑɕʃʕls ts ɖȷ˛ tɑɛO·ʃɳʃtsɖʑɕɢO˛ ls*
fɳʃɑɛȷ˛ ʜfɳʃs əO·ɖʒɕʃ ʜɖʑʷ tstʃ˛ ɕʃfɳʃO·ɖʑɕʃʷ ʃ˛ tsʜtsʙɖʑ˛ ⊐ fɳʃʅzʙʲ ȷ˛ ʕlsɕʃəɖʑ˛ ⊐ fɳʃsfɳʃstsʷɖʑɕʃʔ , ɥʅstsʙʳ fɳʃstsʙʰ ɕʃlsʳ fɳɕʃ⊐
ʃ˛ tsɖʒtsʃʰ ɻ ᵡ fɳʃtsȷ˛ lɖʑO·ɖʑɕʃȷ˛ ʜtɑɛzɢɕʃɖʒ ˛I ɖʒȷ˛ fɳʃstsʳ lstsɢʰts ɥȷ˛ ɖʑtsəȷ˛ ʕlʐ ʃ˛ tɑɛ⊐tsʜɕʃlsfɳʸ tstʃ˛ ɕʃfɳʃ əO·lsʰ fɳʃʃlsʐO·ɥɕʃᵡ ,
ʕtslststɑɛO·ʸ əʳ ləO·ɖʑOȷ˛ ɢʰts ʳ ɖʒtsɥɕʃɖʑtsɖʑO·ɖʑ ɖʑʷ tɑɛȷ˛ O·ʕɥɕʃᵡ , fɳʃsʜȷ˛ tɑɛʸ O·ɖʑɕʃȷ˛ ɖʒʳ fɳɖȷ˛ ʔ, ətsLɖʑʃ˛ ʕO·ʸ ʰ ɕʃ⊐ə ʳ lstsʔ
fɳʃʃlsʐO·ɥɕʃɕʃ, ɖʑʃʙts tsʙʅzfɳʃɖʑtsəȷ˛ ɖʑɖʑtsȷ˛ ʲ ᵡ ʃ˛ tsəȷ˛ ʜȷ˛ ɖʑʃȷ˛ è (ʃ ɕʃʃ˛ ȷ˛ tɛ, 1984).
ʂ ʃ˛ ȷ˛ tɑɛʳ ɖʒʙȷ˛ ɖʑɖȷ˛ lstɑɛʃfɳʃsɕʃɥȷ˛ fɳʃɕʃɖʒʃ˛ tɑɛtsʃʃləȷ˛ ʜȷ˛ ɖʑɖʷɖʒʃ˛ ʃ˛ fɳʃ⊐tsO·ɬɖʑɖʑʃlsɕʃɥȷ˛ fɳʃʕtsɢʰts ⊐O·ɬɑɛO·ʕlsȷ˛ tɑɛO·fɳɖȷ˛ ʜʅzȷ˛ ls
tslsɖȷ˛ fɳʃsɕʃ çʀ fɳʃʃtsəȷ˛ ʜʲ è ɸ əɢʅzfɳʃsɕʃɖʑO·ɪ ɖʑO·ɩ ȷ˛ ɖʑɖʑtsɢʰts (354ð 430 ɢɢ. ɖʑ ɬ .), ə ʕtslststɑɛtsʔ tsɖʑtɑɛO·fɳʃʕO·ʳ əG˛ ls ts
LO·ʙɖʑzɩ ȷ˛ ɖʑɖʑʷ⊐ fɳʃtsȷ˛ ʔ ᵡ ɖʑtsfɳʃsɕʃ. çʀ fɳʃʃtsəȷ˛ ʜʲ è tsʕO·LɖʑɖʑO·ʙtsɖʑʰ tsȷ˛ əɖʑɕʃʷɖʑɕʃȷ˛ ɖʑO·ətsLɖʑɕʃʕɕʃɖʑtsəȷ˛ ɖʑɕʃȷ˛ ɕʃ
tɑɛO·ləɕʃlsɕʃȷ˛ ʃ˛ fɳʃ⊐tsɖʑtsɢʃɕʃɥȷ˛ fɳʃʕtsʔ çɕʃfɳʃʃtsəȷ˛ ʜO·ɖʑ ɖʑtsʔ è ʃ˛ tɑɛtsLʳ ɖʑtsətsɢʰts ətɑɛȷ˛ ɖʒȷ˛ ɖʑɕʃ, ə ɥʅGʰlsɖʑtsfɳʃsɕʃ ɖʑO·əȷ˛ ɖʑɕʃʕtsɢʰts
ʷ˛ tɑɛO·ɖʑɖzlʐLfɳʃʕtsɢʰts ɖʒ fɳʃɖʑɕʃlsȷ˛ ɖʑʷ ɾ . ɾ . ʇ ʅzfɳʃɳʃs, ʕtslststɛʳ ʔ ɖʒȷ˛ ɥʅsO·ɖʑə fɳʃtsȷ˛ ʔ çʀ fɳʃʃtsəȷ˛ ʜɕʃè (1782) ʜtsəȷ˛ fɳʃsɕʃ
ɕʃfɳʃʅzfɳʃsəts ʃ˛ fɳʃ⊐tsɖʑtsɢʃɕʃɥȷ˛ fɳʃʕtsɢʰts fɳʃɖʒtsO·ɖʑɖʑʃlO·ʜtsʅzɑɛtsəɖʑʷ fɳʃɖʒʳ ⊐ lstsɥɖʑ˛ ⊐ ɖʑɖʑʕ˛ lstsɢʰts ətɑɛȷ˛ ɖʒȷ˛ ɖʑɕʃ. ç.I
ɕʃLəȷ˛ fɳʃsɖʑtsɖʒ fɳʃʒʳ fɳɖȷ˛ ,ð ʃ˛ ɕʃfɳʃOɖʑtsɖʑ˛ð ʷ ʃ˛ tɑɛtsɕʃLəȷ˛ ʜʅz ɖʑOfɳʃOɖʒtsɖʒ fɳʃʙȷ˛ lsȷ˛ tsʃʳ lsʳ , ʕtslststɛʳ ȷ˛ ʷ˛ ɕʃLɕʃʕɕʃ
ʃ˛ tɑɛtsɕʃLətsʜʷls ɖʑO·ʜ ətsLʜʅz⊐tsɖʒ



ʃ qʃ⊐Oɑʃqdzzʅ tsqʃʷʷɻls

[O›ɻɻ ɾ .ɾ .[lzfɲɟʂ, tsʙɻʰ O⊘ʰ qʃ? ʇʃtɑʃqdʑs›ɻqʃlsᴵ Ʂ fɲ⊘tsɻ? нlzʰ ɻ ʙO⊙ɑtsdɻlstɑʙɻfɲʃtɑʃfɲʃstɑOfɲʃsdʑsɢts O⊙ʑO⊙ɑʃLO, tsƧO⊙LO⊙ɑʃʑʷʏ нO⊙ɑɻʄƧts dɻɸ fɲʃstsdz tsʙʲ ɻƧlsʃ⊘dz ʒ ƧO⊙Ɪ ɻ dɻʒz fɲ⊘ɑʃʒsdɻʒ⊐tslsɻ dʑsfɲ qʃ ƧO⊙LO⊙ɑʃsfɲ. [ɢts çʀ fɲʃtsɔɻ нᴵ è ƧO⊙Ɪ tsʙtɑO⊙ɻ ʅ⊐lzнtsʛɻ ɻ fɲʃsɔɻ dɑɑʃsɢts ʇʃtɑʃtsqʃLɔɻ нɻ dɑɑʃʷ ɢɻ dɑɑʃO⊙ɑz dʑ⊘, dɑʃs ƧO⊙Ɪ ʇʃ fɲɑʃ⊐tsdɑʃsɢʃqʃuɻ fɲʃ§qʃ? ʇʃtɑʃslstsƧtsdz dɻɸ lstsʅɑʃdʑ⊘ ɻ tsdz fɲʃ§qʃ? qʃfɲʃɲɑʃɻɸ нtsɔO⊙lsɻ dz ʇʃ fɲɑʃ⊐tsdɑʃsɢʃqʃq dɑʃqlsɻ tɑO⊙lsɻztɑdɑʃsɢts lsɔtstɑuɻ fɲʃsɔO⊙ɻ O⊙tɑO⊙ɑʃɑʃtsɔfɲʃ§qʃ?, ʇʃtɑʃtsO⊙ɑʃʑʷɑʃdɑʃLqʃtɑʃtsɔO⊙ʰ qʃ? dʒɑʃtsɔ›ɻ ɻ fɲʃsɔts dʒɻ dɻzO⊙tɑʃsɔ qʃ нdɻɸɔdɑʃƧtsɔ ʇʃqʃfɲO⊙lsɻ dɻɸ?, ʇʃtɑʃqʰ ɻ dzƧ ɔʳ ɔtsнlz, ʅlstsçO⊘ɜfɲʃsdz lsdɑʃs? qʃfɲʃ§tɑʒ dɑʃɑʃsfɲʃsqʃ dɻɸ fɲʃzʰ ɻ fɲʃsɔlzɻ ls. l ɻ tɑO⊙L ʇʃɻ tɑʃs tsfɲʃsO⊙ɑʃʑɔdɑʃqɔO⊙ɻ lsfɲʏ dɑʃOfɲɻ tɑʒɻ нqʃdɻɸ fɲʃstɑO⊙dɑʃqʳ, dɻɸ tɑO⊙L ɢdɑʃLO⊙ fɲɑʃʒslstɑʛʷʰ qʃɻ dɑʃOfɲɑʃsɔO⊙ dɻɸ LOɲʷlsdɑʃO⊙dɑʃzɻ ɻ dɑʃs›ɻʁ ʁ, lzfɲʃstɑO⊙ʸ O⊙ʸ lsfɲʏ lsɻdɑʃqʅuʅzɔ›ɻtsʔ, dɻɸɔɻ нtsdʒʃs? ʷʷqʃdztɑʛ, Ʂtslststɑ⊘ʷ Ʂtsɢн⊙lstsɔ ʙlzнlzʰ ɻ dʒfɲʃ§dɑʃsdɑʃqʃlsfɲʏ dɑʃO⊙н⊣lsqʃdʒʃ fɲʃstɑO⊙dɑʃqʃuO⊙dʒʃq,ð нtsfɲʃsO⊙lstsuʃdɑʃs dʒʃqʃGOlsO⊙Ʂtsʔ tɑɻʷʷdɻɸƧfɲʃqʃ, qʃ uʃqʃfɲʃstslsO⊙ɔdʑzlstɑɻ dɑʃdɻɸɢts ɢtsdɑʃsfɲO⊙tsƧO⊙›ɻɻ lsfɲʏ LO⊙dʒzlsdɻɸ dɑʃdɑʃs?. ʃ ʳ dɑʃOfɲɻstsdzƧts lsɻ fɲʃqʃdɑʃs fɲɸʷLO⊙dz fɲʃdz нᴵ dʒʃq, dɑʃOfɲɻstsdzƧts lsʰ O⊙lsɻdz dɑʃs tsdɑʃ LO⊙dɑʃO⊙dʒʃq dɑʃO⊘ɜdz нO⊙ʸ ls, tʃtsнfɲʃqʃdzʰ qʃɔO⊙ʸ ls, нO⊙›ɻ Ʂtsɢн⊙dʒʳ dɑʃO⊐tsнqʃdʒʃfɲʏ ɔ tʃtsdɑʃdɑʃsdʒtsнqʃdɑʃsuɻ fɲʃsɔɻ, ʅlstsɔfɲɻ ⊣lstsнO⊙ɻls LdɑʃO⊙lsᴵ ts fɲɻʙɻ, fɲʃstsqʃls dɑʃqʰ ᴶ ɔLʷlsᴵ fɲʏ LO⊙tʃɻtɑts. Ʂ O⊙Ɪ ɔʳ ʷfɲʃqʃzɻlsfɲʏ, ʅlstsɻ fɲʃsᴵ ɔɻʰ qʃ, ts Ʂtslststɑʳ ⊐ uɻ dɑʃsɔɻ Ʂ dɑʃqʃƧtsɢнO⊙ dɻɸ tsfɲʃqʃʒ dɑʃqʃlsfɲʏ tʃtsɔɻ нO⊙lsᴵ Ʂtsdʒz ʙʳ lstsdɑʃqʃ ʙʳ dɑʃsè.

Ʂ tsɢн⊙uɻ dɑʃsɔɻ Ʂ LdɑʃO⊙ʃls, ʅlstsLO⊙dɑʃqʃdʒdɑʃO⊘ʙdz нO⊙ʸ ls, tsdzfɲʃsO⊙tɑO⊙ʃlsfɲʏ tʃtsfɲʃstsʷdɑʃdɑʃs lzнɻtɑ›ɻqʃɔO⊙lsᴵ fɲʏ ɔ Ʂ⊙Ɪtsʔ-lststɑtsdɻɸɔtsʔ ʷʷlzdɑʃʌuqʃqʃ qʃ fɲʃ§tɑʳ lsᴵ tslsнtɑzɢqʃ⊐ ɔfɲɻ lstsʅlstsɻ ɢts tsʙlztɑɻɔO⊙ʃls. ʃ dzʃtsfɲʃstsʷdɑʃdɑʃs fɲɸɻнqʃls LO⊙ fɲʃsʙtsʔ, ʙtsʷfɲ çɔʳ ɢdzʷнɻ lsᴵ dɻɸtʃtɑʃqʃdɑʃuqʃdɑʃsè. ɹ tsʙʳ uqdz⊐ lzfɲɑʃsɔqʷ⊐⊣lsqʃtʃɻtɑɻ›ɻqʃɔO⊙ɑʃqʷ dɻɸ lsƧ tsfɲʃstɑʳ, dɑʃs ɔ dz ʙtsdʒfɲɸzuO⊙ tʃtsɔɻ нɻ dɑʃqʃɻ uɻ dɑʃsɔɻ Ʂ O⊙dʒɻ dzʷɻlsfɲʏ tslstʃtɑʃfɲzlsfɲʃsɔqʷ dɑʃO⊘ɜdz нO⊙ʃsɻdzʷ. ʃ fɲʃsʙɻdɑʃdɑʃs lsƧtsɢts, ts ꟅtslststɑtsdʒqʃLɔɻ fɲʃsdɑʃs, ʅlstsɻtsdzdɑʃfɲqʃLzuO⊙ls. l ɻ нO⊙tsdʒtʃfɲɑʃ⊐tsdɑʃsɢʃqʃdʒɻ uƧO⊙dɑʃqʃ tsʰ O⊙ʃƧɻ-dɻɸɔqʃнqʃdʒɻ. [O⊙dɻɸɻ tʃtsfɲʃɲʒslstɑʃqʃdʒ, fɲʃsO⊙dzdɑʃ lsƧtsʔ çʰ O⊙ʃƧtsʔè ɢʃqʃtʃdɑʃslsʃuɻ fɲʃ§qʃ? fɲʃsdʒdɑʃ⊘dʒʙlzdɑʃLdʒ, O⊙ʃtsƧO⊙ tʃtɻ нfɲʃsɔqʃdʒfɲʃʙɻ, ʅlstsdɑʃ⊘dʒdɑʃ⊘нts qʃLzuqʃlsᴵ Ʂ⊙Ɪtsɻ-lstsfɲɸtsɻ uʅzɔfɲʃsɔts ð fɲʃstɑO⊐, tɑO⊙нtsfɲʃsᴵ, dz ʙtsɔᴶ qʃdɑʃqʃ fɲʃstɑO⊙н⊙dɑʃqɻ. ч dɑʃ⊘uʃ⊘dz⊘dɑʃ⊘нts нtsʛ нO⊙lsᴵ fɲʏ, tʃtsƧO⊙ɔtsLdɑʃƧdɻɸls dʑʛɻ dɑʃsɻ tʃɻtɻ›ɻqʃɔO⊙dɑʃqʃɻ. ʃ нdɑʃ⊘Ɪts⊣lstsdɻɸ tʃtɑtsfɲʃstsɹ. ɹ ɻ нᴶ dɻɸdzʟʷ⊣lstsfɲɸɻdɑʃO⊙lsᴵ tʃtsʛɻ ɻ dɑʃ⊘dɑʃqʃᴿ . l ts, tʃtɻ нtʃtsdɑʃsɻqʃdʒ dɑʃ⊘dʒzнO⊙dɑʃsfɲ. ʀ lszls dɑʃ⊘uqʃdɑʃ⊘ɻsfɲʏ fɲ⊘dɑʃsɻ lstsdzнdɑʃsɻ, dɻɸ нdzʷ dɑʃ⊘fɲ Θнdzʷ tʃfɲʃ⊐tsdɑʃsɢ⊘⊣Ʂfɲʃɻ tɑʃqʃdʒɻ dɑʃO⊙lsᴵstɑO⊙ Ʂtslststɑʳ ʔ ʛ нɻ ls tsls dɑʃ⊘fɲtslsuɻ lsO⊙ l ts uʅstsᴵ lsts, lstsdz Ʂts dʒʳ fɲʃsʙtɑO⊙dɑʃqʃfɲ tʃtɑtsO⊙dɑʃ⊘dɑʃqʃLqʃtɑtsɔO⊙lsᴵ fɲ⊘tsɻ fɲʃsfɲʃstsʷdɑʃqɻ, Ʂ⊙Ɪ tsdɑʃs lszls ʛɻ ɻ qʃfɲʃqʃO⊙tɑʃqʃdɑʃsfɲ. ʊtsɻ fɲʃsᴵ, Ʂ⊙Ɪ lstsdz Ʂts dʒʳ dɑʃ⊘uqʃdɑʃ fɲɸɻнqʃlsᴵ LO⊙fɲ⊘tsqʃdʒqʃ uʅzɔfɲʃsɔO⊙dʒqʃ, lszls ʛɻ ɻ tʃɻtɻ fɲʃsO⊙dɑʃ qʃ⊐ tsfɲʃsLdɑʃɔO⊙lsᴵ. ɹ tsLdɑʃqʃ⊣Ɂlsdɻɸtɑ⊘tɻʰ qʃdʒsɻ: dɻɸ dʒsʛɻ ɻ lsuɻ dɑʃsɔɻ Ʂ tɑO⊙Lнɔtsqʃlsᴵ fɲʏ нts lsƧtsʔ fɲʃsɻtʃɻdɑʃqʃ, ʅlstsʙʳ tsнdɑʃO

ʃ ɑʃ⊐Oɑʃɑzz, ts≠ʷ ʲ jls

ɑzɑʃʰ ɻ ə fɲptsjɑʒətstsʙtɑO›ɬ jˌɑzɑʃɑʃ: əɑʒj fɲjstsˌlstsɑʧts ʋɬstsʙʳ tsʙtɑOᵑ Ɑlsᴵ fɲʸ fɲətstʃtɑtsfɲptsɑʒ≒ fɲptsɑʒɑzOɑʒʙlzɑzOɑʒɑʃ ʞʜOlsᴵ tslsəjˌlsO) tsɑzˎfɲOɑʒfɲptsʋɑʃɑzɑzətstʃtɑtsfɲ ɑʃ tslsəjˌlsʳ , lstsˌjˌfɲjsᴵ əɑʒj fɲjstsˌOɑzOɑzɑʃLOtʃtɑjˌʜɑtsʞɑʃɑzɑzOɑʒɑjˌʋɬstsˌ ɑʃfɲ≒lzfɲfɲjsəjˌɑzɑtsj .

ʕ≒fɲtʃjˌtɑɑʃɑʃjɑzɑs, ts≒tslstsɑtɑsɑʒɑʃjˌʋɬsOɑzɑʃ ɑzjˌ fɲɑʃʒsɢtɑjˌOɑzɑʃLtsəOlsᴵ ʂ tsɑzʙɑʃɑzʷ≒, ə ɑzOᵑ jˌ ətɑjˌɑʒʷ ɑʒtsʞɑtsˌtsfɲzʰ jˌfɲjsəɑʃlsᴵ . ʃ ʳ ɑʒtsʞjˌɑʒɑʃɑʃjˌlsᴵ ɑzOfɲjstsʷʰ ɑʃjˌ ʞɑʃəʳ jˌ fɲjsOlszɑʃ, fɲptsLɑzɑzɑʃjˌ ≒≠tslstsɑtɕʳ ⊐ fɲptsʙtsʜɑzɑs tsls əfɲʸ≒ɑʃ⊐ɑʒʳ fɲɑʃjz≠. Ɪ lsO≒tsjˌ fɲptsLɑzɑzɑʃjˌ ɑʒtsʞɑtsˌəətsʜɑʃlsᴵ tslsʜjˌɑzˎɑzˌjˌʷəɑjɑzɑʃʷ ɑʃ ɑzɑzʙɑzˎʜOlsᴵ jˌɢtsˌ ʜOɑzˎɑjɑ≠ʰ jˌjˌ tɑOɻəɑʃlsɑʃjˌ . ɕɪ tɑjʰ jˌɑzɑʃɑʃ LOʜOɥ,≒tslstsɑtɕʳ jˌ fɲjstsʷlsʧjˌtɑjˌʜ ʧfɲɑʃ⊐tsʷ ɑʃLɑʃtsɑzsɢɑʃjˌ≠ ɑʃ ʧfɲɑʃ⊐tslsjˌtɑOʧɑʃjˌ≠ ə ɑʃLlzʋjˌɑzɑʃɑʃ ʙjˌfɲptsLɑzɑsjˌɑzˎɑzsɢtsˌ tɑtsɑzˎ fɲptsɑʒɑzOɑʒʙlzɑzɑʃLɑʒO≒Ɑ ɑzjˌlstsʜOɑʃfɲptjzʜtsəOɑzɑʃʷ ʧtɑɑʃtsʙtɑjˌlsOjˌlsʧjˌtɑətsfɲjsjˌʧjˌɑzɑzsjˌ LɑzOʋjˌɑzɑʃjˌè (ʈ tsʞɑzɑsə, 1979, fɲ 166).

ɕɻ ɑʃʧɑzɑslsɑʃLɑʒʷəɑzˎjˌlsfɲʸ ʧtɑjˌ≒tɑOɑʃɲzˎ ɑʒɑʃɑʃɑzɑʃjˌɑzɑtsɑʒð ʧɑʃfɲOɑzjˌʰ jˌ ə fɲjtɑjˌʜɑʃɑzjˌ XIX əjˌ≒Θ ʷtɑOɑzɑlzLfɲ≒ɑʃ≠ lzʋjˌɑzˎ ≠ ʌ ɑʃɑzɑʃʧfɲ(ɑzOɑʃjstsʷʰ jˌjˌ ɑʃɑʒʷ ʃ ʁ tɑOɑzˎʜjˌ ɻˌtɑtsˌ),ð ʜɑzʷ ɑʃLlzʋjˌɑzɑʃʷ ʧfɲɑʃ⊐tsɑzsɢɑʃʋjˌfɲ≒ɑʃ⊐ʷəɑzjˌɑzɑʃ≠, tsɑzˎʜOlsɑzOɑʒətsLɑʒtsʞɑzsfɲjsᴵ LOfɲjsOəɑzʷlsᴵ tɑOʙtslsOlsᴵ tslsʜjˌɑzˎɑzsˌtɑO›ɑzɑʃʋɑzˎjˌ tslsʜjˌɑzˎ ʧfɲɑʃ⊐ɑʃʋjˌfɲ≒ts≠ fɲʸjˌtɑʳ , əʳ ʜjˌɑzɑʃlsᴵ tsfɲɑzɑsəɑzˎjˌ jˌjˌ ɻˌɑzjˌɑʒjˌɑzɑsʳ ɑʃ fɲptsfɲjsOəɑzʷlsᴵ ɑʃL ɑzɑʃ⊐ ʞjˌɑzOɑʒjˌɑzˎɑzˎjˌ ʜɑzʷ ɑzOfɲ≒tsɑʒʙɑʃɑzOʋɑʃɑʃ, tsɑzˎʃtɑjˌʜfɲjsOəɑzʷjˌlsɻ≒fɲʧjˌtɑɑʃɑʃjˌɑzɑsOɑzˎɑzɑs≠ ʧfɲɑʃ⊐tsɑzsɢɑʃɑʃ ɑʃ ʜOˌlsɑzɑzOʋɑʃɑzɑs ɑzɑsəts≠ ɑzOlz≠jˌ ɻ≠fɲʧjˌtɑɑʃɑʃjˌɑzɑsOɑzˎɑzɑs≠ ʧfɲɑʃ⊐tsɑzsɢɑʃɑʃè (Philips, 1855).

ʀ ləjˌfɲjsɑzɑs, ʋɬstsˌʜɑzʷ ɑʃLlzʋjˌɑzɑʃʷ ɑʒtsɑʃfɲ≒tsɢtsˌʜɑzOʧtɑtsɑʃlətsʜɑʃlsfɲʸ lstsɑzʙɑʃɑʃtɑtsəOɑzɑʃjˌ (ʙtɑtsfɲOᵑ lsˌlstsɑzʙɑʃ ə ɑʳ lsʷɢɑʃəOᵑ lsˌɑzOʙtstɑlsˌ≒tsɑOʙɑzˎ tsʙtɑO›ɬʳ). ʊO≒ɑʃɑʒfɲʧtsfɲjsʙtsɑʒɑʒʞɑzsˌtslsˌ≒tɕʳ lsᴵ ,ˌ≒O≒tsəΘ ʙɑʃtsɑzsɢɑʃʋjˌfɲ≒Oᵑ ʞɑʃLɑzˎ ə ts≒jˌOɑzɑʃʋjˌfɲ≒ɑʃ⊐ ɢɑzɑzʙɑʃɑzO⊐. Ɪ ɢɑʃʧɑzɑsLjˌ ʧtɑtsɑʃfɲ⊐tsʜɑʃlsɑʒjˌʋɬstsˌ ʧtsʜtsʙɑzɑsjˌ: ʙtɑtsfɲOᵑ lsˌlsO≒ ɑzOLʳ əO)ɑʒ ≠ Ltsɑzʜ ə ɢɑzɑzʙɑʃɑzɑzˎjˌ ʋjˌɑzɑsəjˌʋjˌfɲ≒ts≠ ʜlzʰ ɑʃ ɑʃ ɑʃLəɑjˌ≒Oᵑ lsʧtsfɲjslzʧ≒ɑʃ, ˌ≒tslstsɑtɕʳ jˌ ʜOᵑ lsətsLɑʒtsʞɑzsfɲjsᴵ tsʃtɑjˌʜjˌɑzɑʃlsᴵ ɑzɑtsOəfɲjsəjˌɑzɑzɑsfɲjsᴵ ɑʃ lstsˌlsOʃɑzˎfɲjsəjˌɑzɑzɑsj , ʋɬstsˌ fɲ≒tɕʳ lstsˌtslsˌɑzOfɲ ɻˌʧtɑzɑsfɲptsɑʒɑzOɑʒʙlzɑzɑʃLɑʒfɲjsOlzɑjˌtsʋjˌɑzɑʃɑʒʳ ɑʒɑʃɑʃɑzɑʃjˌɑzɑsɑʒɻ≒fɲjˌtɑɑʃɑʃjˌɑzɑsOlz ɑzɑs≠ ʧfɲɑʃ⊐tsɑzsɢɑʃɑʃ, ɑʃLlzʋOᵑ ʰ jˌ≠ ʙjˌfɲptsLɑzɑ≒lsjˌdzˎ ɑzɑsj . ʜ jˌɢtsˌ ʧtsɑʒsʰ ɻʁ ɑʒʳ ʧtsɑzlzʋjˌɑʒLtsɑzʜ ʜɑzʷ ʧfɲɑʃ⊐tsɑzsɢɑʃʋjˌfɲ≒tsɢtsˌ ɑʃfɲɑʃjz≠ʜtsəOɑzɑʃʷ ɢɑzlzʙɑʃɑzɑzˎ ⊐ ʧɑzOfɲjstsə fɲptsLɑzɑzɑʃʷ, ʋɬstsˌʜjˌ lsətsLɑʒtsʞɑzsfɲjsᴵ ʧtɑtsəjˌtɑʃlsᴵ ʧtɑtsʷjˌfɲjɲtsɑzOɑzˎɑzɑsʳ ʧtɑʃtɑɢtsʜɑzsfɲjsᴵ ɑʃ⊐Oɑ≒lsjˌtɑtsɑzsɢɑʃʋjˌfɲ≒ɑʃjˌ tsfɲptsʙjˌɑzɑzsfɲjsɑʃ lsjˌ⊐, ˌ≒lstsˌtɑO›tslsOjˌlsəɻ≒fɲjstɑjˌɑʒOɑzˎɑzɑs≠ fɲʃlslzOʋɑʃɑʃ: ʜɑʃfɲʃjˌlsʋjˌtɑtsə, O›ɑʃOlstsˌtɑtsə, ˌ≒tsfɲʒsɑzOəlstsə, ətsjˌɑzɑzˎ ⊐. ʀ ɑzOʋjˌ ɢtsətstɑʷ, fɲptsɑzɑzOɑʒʙlzɑzɑʃLɑʒʧtsʜtsʙjˌɑzˎfɲʒlstɑtsətsɑzjz tsˌ≒ɑzˎ, ʋjˌtɑjˌL ˌ≒tslstsɑtɑsjˌ ɑʒʳ ɑʒtsʞjˌɑʒɑʃLzʋOᵑ fɲjstɑzˌ≒lszɑtɑz ɑzɑʃʋɑzɑsfɲjsɑʃ,

ɥɥʰ lzʷ j j LO⁾ ɑʃlsdz j lzfɳs·dʑsəʕɑ. ʀ ə ɻ lstsdʒj ɠts dɟ tʃ tɛj ⊐tsʜʷʱ j j Ldʑɔɥjdɑʃj, ɑʃʙts çlsts, ɥlsts dʒʳ Ldɑɔɥjdʒts fɲjʙj,ð ɻ lsts dɑʃʰ ɹ dɟ ʙtsdzʰ O·ʷ ɥɔfɳsᵘ lstsɠts, ʕɔʕtsəʳ dʒʳ dɑɔfɳɔ·dʑsdʒʜj dɟè (z¸ j tɑlstsʕ).

ʌ tɑɔʃʜtɑɔʃ⊐ l ɑʃɥʰ j dɟ əj tɑɔʃdzə ətsLdʒtsɤ dʑsfɳsᵘ fɳɔ·dʒstʃtsLdɑɔ·dɑʃʷ. ∫ dzəʳ fɳʕɔLɔ·dztʃj fɳɲʃdʒʃfɳsɑʃɥjfɳʕlzᵍ dʒʳ fɳɑlz, ɥlsts dɑɔ·ʰ j fɳtsʙfɳsəj dɑʑdʑsj çɔ è ⊐tstɑtsʰ ts tsls dɑɔ·ɲfɳʕtɕʳ lsts ɑʃ çɑʃL əfɲj⊐ Lɔdɟɤjɻ? fɳtsʕtɑtsəɑʃʰ lsʳ əʳ ʕtstʃɔ·j ʰ ɹ fʙtsj "ɔ " tʃtsfɳdɟʜdɑʃɑʃdɛè. ʉ tsdʒdɟdɑʃʷ ʷ ʷ ɑʃdʑsfɳtsʷ ɔ·tɛɔ·ləj ʷdzʷ ɑʃLɑʃtsdʑtsɠ. ɻ tɛɔ·ʕlsɑʃʕɔ·ɸ dʑɑɔʃ ɹ tsdɑʃ ʜɔdɑɔ·j dʒz tsfɳdʑtsəɔ·dɑʃj LO·ʸəɑʃlsᵘ, ɥlsts j fɳtsᵘ fɳʃtsfɳtsʙ çəʳ ʕtstʃɔ·lsᵘ è fʙtsj çɔ è. ç¸ ɑʃtʃdʑslsɑʃɥjfɳʕtsj əɑdzʰ j dɑʃj,ð ɠtsətstɑɔʃlstsdz,ð ə fɳtsfɳtstsʷdɑʃɑʃ ɑʃəʳ əj fɳtsɑʃ dɑɔ·tɛzɤlz ətsəfɲj? dɑɔ·ɠtslsj lsts dɑɛɔ·əfɳtsəj dɑʑdʑsj "ɔ ", ʕtslststɑtsj ʜtɛj dʒdɟjlsə ɠdzʙɑʃdɟ dɑɔ·ʰ j ? ʜlzʰ ɑʃ, ɑʃtɛɔ·fɳʕtɕʳ lsʳ lsts, ɥlsts fɳʕtɕʳ lsts ʜɔɤj tslsfɳɔ·dʒsɠts ɑʃdʑsɑʃəɑʃʜlzlzdʒè. ʕ lsts lzlsəj tɛɤʜj dɑʃj Lɔfɳtsɔəʷj ls lzfɳtsdʒdɑʃlsᵘ fɳʷ ə fɳɔtsəɔ⊐ ¸j tɑɔʕɑʃlsɔ· ç¸ tɛɔ·dɑʃɥʜlzʰ ɑʃ lsjʙj dɟ tslsʳ fɳʕɔlsᵘ, tʃts ʕɔʕtsdʒzʙʳ tʃlzlsɑʃ lsʳ dɑʃ tʃtsʰ j dz fɳstsdz ɠdzʙtsʕɔjj dɟ tɑɔè.

l ɔ·dʒʕɔɤj lsfɲʷ, ɥlsts tʃtɛj ʜdɑtsɤj dɑʃj ɹ tsdɑʃ ð j ʜɑʃdɑfɳsəj dɑʑdɑtsəj tɑɔdz ? fɳʃtsfɳtsʙ fɳɔjʜtsəɔlsᵘ Lɔtʃtsəjʜɑʃ ʃ j dzʷʷ ɑʃ? fɳʕtsɠts tstɑɔʕlzdɑɔ· ç¹ tsLdɑɔ? fɲjʙʷè. ɻ tsLɔ·ɑʃdʒfɳsəlzj dʒlz ɹ tsdɑʃ tʃtɑɔʃdʒj tɛ, ʕtslststɑʳ ? ɑʃdɑsj tɛj fɲjdzfɲ ʜəlz⊐ fɳststɑtsdz.ʉ lstsɥʕɑʃ ltɛj dɑʃʷ fɳtsʃtɑtslsɑʃədj dɑʃʷ əɑdzʰ j dɑʃᵍ tsdzʃtsʕɔLʳ əɔ·j ls, ʜts ʕɔʕɑʃ⊐ tʃtɛj fɳslztʃdj dɑʃ? dʒtsɤ dʑs ʜts?lsɑʃ tʃtɑɔʃ tʃtsdʒtsʰ ɑʃ ɠɑʃtʃdʑsfɳsdʒdɑɔ·dʒʙlzdɑʃɥj fɳʕtsɠts əɑdzʰ j dɑʃʷ. ʉ lstsɥʕɑʃ ltɛj dɑʃʷ ɑʃfɳɲdɟj ʜtsəɔ·dɑʃʷ ɥj dʑs əj ɥj fɳʕts? ʜlzʰ ɑʃ tsdzəʳ ʷədzʷj ls ɠdzʙɑʃdɑʃdz dʒstɑɔ·dzdʑs ɠts tʃɔ·ʜj dɑʃʷ. ∫ tʃʳ ls ɹ tsdɑʃ dz ʙtstʃʳ lsj dz¸ɑʃʙts ɑʃLəj fɳsdʑs, ɥlsts fɳɔ·dʒsj ɲdɑtsɤ dʑsj ʜdzʷ dɑʃɥdɑtsfɳsɑʃ ð tʃtsLdɑɔ·lsᵘ ɑʃɑʃLdʒj dɑʃlsᵘ fɲjʙʷ. ɸ dɑtɑɔʃ ɹ tsdɑʃ ɠɑʃtʃdʑslsɑʃLɑʃtɑɔzj ls ɠ-ɤlz ɸ . ɾ . ə tʃtɑɔʃfɳɤlsfɳsəɑʃɑʃ j j tʃtsHtɑɔzɠɑʃ: çɥ dɑɔzʰ O²lsj ⊐tstɑtsʰ j dz ʕts, əʳ tʃts²ʜj lsj ə fɳstsdʑsəlzᵍ ɑʃ ətsLᵘ dʒj lsj ə ʰ ʕɔʷlz fɲjtɛj ʙtɛʷdɑɔzᵍ dʑsɤ ʕlz. ʀ L ʙtsʷLdɑʃ, ɥlsts j j dɑɔ²ʜlzls lz əɔ·fɲ fɳtɛʷɥj lsj dʑsɤ ʕlz ə ʕɔɑdʒɔ·dzfɲətsj ? tʃtsHtɑɔzɠɑʃ, dʑs lsɔ·ʕ, ɥlstsʙʳ tsdɑɔ·dɟ Lɔdʒjlsɑʃdɑɔ·ɹ ʳ dɟ ʙlzHj lsj tʃtsdʒdɑʃlsᵘ, ɥlsts ʷ ɻ lsts fɳʕɔLɔ·dz, ʜɔɤj j fɳdzɑʃ əɔ·fɲʙlzHlzls ʜtstʃtɛɔ·ᵘ ɑʃəɔ·lsᵘ. ɹ ʳ dɟ ʙlzHj lsj Ldɑɔlsᵘ tsʙ ɻ lstsdʒɑʃdɑɥjɑʃHj dʑsjè. ɸ . ɾ . ɑʃHj ls ʕ ʙlzʷj lsz, ʙj tɛj ls dʑsɤ ʕlz ɑʃ dɟ ətsLətɑɔᵘ ɠj lsfɲ. çʏ lsts lsʳ lsɔ·dʒ ʜj dzɠʰ ɹ ?è ð fɳʃtɑɔᵘ ɑʃəɠj ls j j tʃtsHtɑɔzɠɔ· çɔ ? l ɑʃɥj ɠts!è ð ∫ dɑɔ·ʜj dzɠj ls əɑʃʜ, ɥlsts ɥj dʒ-lsts Lɔdɑɔʃdʒɠj lsfɲʷ. ɻ tsfɳʕtsdz ʕlz əlststɑɔᵛ ɥɔfɳsᵘ ədzʰ j dɑʃʷ dɟ tsfɳzᶠ j fɳsəɑʃdɑɔfɳ, ɹ tsdɑʃ j j ʜj ɠɑʃtʃdʑslsɑʃLɑʃtɑtsəɔ·dz, ɥlstsʙʳ lzLdɑɔ·lsᵘ tʃtɑɔʃɥɑʃdz dɟ lzʜɔ·ɥɑʃ. l ts tsdɑɔ·dɑʃɥj ɠts dɟ tʃtsdʒdɑʃls ɑʃ lzʜɑʃədɟ dɑɔ·j ɠts tɛ·fɳtʃtɑtsfɳɔ·dʒʃ. ʊ tsɠʜɔtsdz əɑdzəɹ j j ɠɑʃtʃdʑslsɑʃLɑʃtɑdzj ls ɑʃ fɳtʃtɑɔᵘ ɑʃəɠj ls: çʏ lsts əʳ fɲj?ɥɔfɳɲʜj dɑɔ·dɑʃ?è ð çɔ lzʕtɛ·ɔ·dɑɔ·fɲjtɛj ʙtɛʷdzᵍ dʑsɤ ʕlzè.ð çɾ dzʷ ɥj ɠts?è ð çl j LdɑɔᵛO è.ð çɪ dɑɔ·j lsj dɑʃ əʳ , ɥlsts ɻ lsts tsɥj dz dɟ⊐tstɑtsʰ ts?è ð çɔ dɟ

∫ ɑ[⊐⊙ɑ[ɑzz¸ ts?ʷ₩ɻls

ɑʒsɠɑƶ⊙tʃtsfiɲʂlztʃɑ[lsᴵ ɑ[ɑƶ⊙ɯɻ, ɻ lsts ɑɻɸ ɑʒsʷ ɘɑ[ɑƶ⊙) ɯʅsts-lsts ʟ⊙fiɲʂ⊙ɘɑ[ɑƶs ɑʒɻ ɑƶʷ ɻ lsts fɲɯɻ ɑƶ⊙lsᴵ è.ð ç٢ lsts ɘʳ fɲɯɻ ɑƶ⊙ɑƶ[fɲɑƶsɤ[Ʂts?ʔè ð ç٦ tsɑƶsɤ[ɑ[ɑƶ⊙ɘ fɲɒts? tʃ⊙Ʂɻ ɻlsè.ð ç٦ tsɯɻ ɑʒɻ ɑɻɸ tʃtsɑƶsɤ[ɑ[ɑ[ɘ Ʂ⊙ɒɑʒ⊙ɑƶ tʃtsʜɑƶzɠɑ[?è ð ç٢ ɑɻɸ ⊐tslsɻɑƶ⊙) ɯʅstsʙʳ ɻɻ ʟ⊙ʃtsʜtsʟɒɑ[ɑ[, ƶʂɒɑ⊙ɑƶ⊙ɘɻ ʜᴵ ʷ ɑ[ɘfiʸ ɘɑ[ɑƶ⊙tʃ⊙ʜ⊙ɻls ɑƶ⊙ɑʒɻɑƶʷ. ơtsɑƶʅ Ʂts ʷ ʜtsɑƶɤ[ɑƶ⊙tslsɘɻ ɯ⊙lsᴵ ʟ⊙ᴵ lstsè.ð ç٦ lsts ɘʳ ɘ ʜ⊙ɑƶʅ ɑɻɸ?ʰ ɻ ɑʒɠɑƶ⊙ɑʒɻ tɑɻ ɑƶʅ fɲɯɻ ɑƶ⊙lsᴵ fɲɑƶsɤ[Ʂts?ʔè ð ç٢ ʷ ɑɻɸ tsfiɲʂ⊙ɘɑƶʅ ɻɻ ɮʅ ʙʷ, ɑɻɸ ⊐tsɯƶ tʃtsɑƶʅ ʟtsɘ⊙lsᴵ fɲʸ Ʂtɒ⊙ɯɻɑƶ ɑʒ ɠ , fɲʃtstɑɻɻ ɘfiɲɠts, ɘʳ ʙtɒtsʰ ɮʅɻɻè. ɻ tsʜtɑƶɠ⊙ɸ . ʅ ., ʅ . ɸ ., ɠtsɘtstɑ[ls ɹ tsɑƶ[, ɯʅsts ɑƶ[Ʂtsɠʜ⊙ɑɻɸ tsƩ⊙ʟ⊙ɑƶ⊙fɲ ʙʳ ɘ tʃtsʜtsʙɑƶsɠʒtʃtsɑƶsɤ[ɻɑƶ[ɑ[ɑ[ɑɻɸ tʃtsʜʜ⊙ɑƶ⊙fɲ ʙʳ lsᴵ⊙Ʂtsɑʒƶ ɘɑƶz ʰ ɻ ɑƶ[ᵏ . ɸ ɑƶɒɑ[ɹ tsɑƶ[tsʙtɒ⊙ʜtsɘ⊙ɑƶɑfiʸ tʃtɒɻ ʜfiɲʂ⊙ɘ[ɘʰ ɻ ʔfiʸ ɘtsʟɑʒsɤ[ɑƶsfiɲʂ[tʃtɒtsɘɻ fiɲʂ[ʜtstʃtsɑƶɑ[ls ɻ ɑƶ⊙ƶ ɑƶ ʔ ɹ Ʂfiɲʃɻ tɒ[ɑʒɻ ɑƶs ɑ[tʃtɒɻ ʜɑƶsɤ[ɑ[ɑʒɻ ʔ ɑ[fiɲʃʳ lsᴵ⊙lsᴵ fiɲɻʙʷ. ʅ ɑʒƶ ʙʳ ɑƶs ɑ[ɑƶsɻtɒɻ fiɲɯƶs fiɲɒ⊙ɘɑƶ[lsᴵ tɒɻ ʟƶɑƶ lsᴵ⊙lsʳ ɑʒɻtʃtsfiɲɒɻ ʜfiɲʂɘɻɑʒɑƶsɠts ɘɑƶzʰ ɻ ɑƶ[ʷ ɘ ɠ[tʃɑƶsʟɻ ɑ[tʃtɒ[tʃtsfiɲʂɠ[tʃɑƶslsɑ[ɯɻ fiƩtsɑʒ ɘɑƶzʰ ɻ ɑƶ[ɑ[. ʃ ɑƶ⊙ɘ fɒtsᵏ tsɯɻtɒɻ Hᴵ tʃtɒɻ ʜƶtʃtɒɻ ʜɑ[ɑƶ⊙ɻɠts, ɯʅsts ƶtʃtslstɒɻ ʙɑ[ls ɘfiɲɻ ƶfiɲɑ[ɑ[ʷ, ɯʅstsʙʳ tʃtɒtslsɑ[ɘtsfiɲʂtsʷlsᴵ ɘɑƶzʰ ɻ ɑƶ[ᵏ . ɹ tsɑƶ[ɠ[tʃɑƶslsɑ[ʟɑ[tɒƶɻ ls ɻ ɻ ɑ[ɘɑƶzʰ G⊙ls: ç٦ tsfiɑ[ɻ ɘʳ ⊐tsʜ⊙ɑ[ʟ ɠ[tʃɑƶslsɑ[ʟ⊙ɘʳ ɘtsʟᴵ ɑʒɻ ls ɻ ƶ ɑƶsɤ[ɻ ɯʅ Ƶ ɑ[fɲɑ[tɒʷ ɯʅ ls ɻ ɘ fɒtsʔ Ʂ⊙ɒɑʒ⊙ɑƶ ş G⊙ʙʳ fɲɑ[ƶ ɑƶs ɘʳ ɑƶ[fɲʂtʃtɒslsɑ[ɘƶʷɑƶ[fiɲ, ɘʳ ʙƶʜɻ ls ɻ ɑɻɸ ɘ fɒtsfiɲʂtsʷɑƶ[ɑ[tʃtsfiɲʂlztʃɑ[lsᴵ ɘtsʃtɒɻ Ʂɑ[ɑʒsɻ ɑƶʒ ɘɑƶzʰ ɻ ɑƶ[ᵏ è. ɸ ɑƶɒɑ[ɹ tsɑƶ[ɘʳ ɘtsʜɑ[ls ɻ ɻ ɑ[ɠ[tʃɑƶslsɑ[⊙) ɑ[ɑƶ⊙ɻɠts ɠ⊙ɑƶ⊙⊙⊐ tɒ⊙ʟʳ ɠtɒʳ ɘ⊙G lsfiʸ ƶ ʙtsʃʳ lsɑƶ⊙ʸ fɲɯɻ ɑƶ⊙ɘƶlstɒɻɻ ɑƶ⊙ɑƶ[ɻ ɘ ɻ ɻ ƶɑʒɻ. ʃ ɻ fiɲɑʒ⊙ɘʳ tɒ⊙ʟɑ[lsɻ ƶ ɑƶsɻ ɑ[tʃtsʜɘɑ[ɤ[ɑƶ[ɑ[ʃʷ. ʅ ɻ ɯɻ tɒƶ ɻ ɠ⊙ɑƶ⊙ʟ⊙ɘʳ tɒ⊙ɤ[⊙ʸ lsɘfiɲ fɲtsfiɲɒɻ ʜtslstsɯɻ ɑƶɑƶsfiɲʂᴵ ƶʳ fɲɑƶ[, ʟ⊙ɑƶʷlstsʔ ɑ[ʜɻ ɻ ʔ ɘtstɑtsɘfiɲʂɘ⊙) Ʂtslststɒ⊙ʸ ɘtsʜɘtstɒɑ[ɑ[⊙fiɲ ɘ ɻ ɻ ƶɑʒɻ, tʃtɒɑ[ɹlstsɑʒɠ⊙ɑƶ⊙ɑ[ɑ[ɯɻ ð ɘʳ tɒ⊙ɤ[ɻ ɑƶ⊙ɑ[ɻ ɑʒtɒ⊙ɯɑƶsʔ tɒɻʰ ɑ[ɑʒsfiɲʂɑ[. ʃ ɤ[ɻ fiɲʂtsɯɻ ɑƶ⊙ɑ[ɑ[⊙ʸ ʙtstɒᴵ ʙ⊙ɑʒɻ ɤ[ʜƶ ʜtsʙtɒtsɑʒɑ[ʟɑƶsɑʒʙʳ ɑ[⊙ɑʒɻɑƶ ɑ[ɑ[⊙ɑʒɻ ɑƶsʔ. ƶ . ɸ . tʃtsʜɑƶɑ[ɑʒ⊙ɻ lsfiʸ fɲɒs fɒtsɻɠts Ʂtɒɻ fɲɑ[⊙, ɑ[tʃtsɻ ɻ fiɲƶtɒtsɘtsʔ, ɑʒɻ fiɲʂtsɑƶ Ʂts ɤ[ɻ fiɲʂtsʔ ɘɑʒɻʰ ɑƶsfiɲʂɑ[ɘɑ[ʜɑƶs, ɯʅsts tsɑƶ⊙tʃtɒɑ[ɑƶʷɑƶ⊙tɒɻʰ ɻ ɑƶ[ɻ . ʃ ɑƶ⊙ɑ[ʜɻ ƶ ls Ʂ tsʔɑƶz, tsfiɲʂ⊙ɑƶ⊙ɘɑ[ɘ⊙G lsfiʸ ɑƶ⊙ɑʒɠɑƶsɘɻ ɑ[ʜɻ ƶ ls, fɲɑƶsɘ⊙tsfiɲʂ⊙ɑƶ⊙ɘɑ[ɘ⊙G lsfiʸ, ʟ⊙ʂɻ ɑʒɑ[ʜɻ ƶ tʃtɒʷɑƶsƩ ʙƶʜɻ ls, tsls⊙tstɒʷɻ ls ɻ ɠ⊙ɑƶ⊙ɑʒɠɑƶsƩ Ʂ⊙ɒɑʒ⊙ɑƶ. ʅ ɹlstsls ɑʒtsɑʒɻ ɑƶs fɲɑƶɻ Hᴵ ɑƶɻ Hɘɻ ɑƶ⊙ɘɻɑƶɻ? ɘɑƶzʰ ɻ ɑƶ[ɻ ɑʒɻ ɑƶ⊙ɑ[ɻ ɑʒtɒ⊙ɯɑƶsʔ tɒɻʰ ɻ ɑƶ[ɻ . ʃ ɑƶ⊙fɲʃtsƩ ɑ[ɑƶ⊙ɑʒɻ ɑƶ⊙ɑʒɠɑƶsɘɻ ɑ[ʜɻ ƶ ls, ɻ ɻ ɑƶ[ɑ[ɑ[tʃtɒɻ ʜɑƶsɤ[ɑ[ɑʒɻ

ð ʜ ʃɳɖlsȷ ! ð ʃ dƶʘLʘfŋ ʃɳG] ls.
ð ʏ lsts əʳ lstsdƶʕts ɣlsts fŋʜȷ dƶʘdƶɳ?
ð ʗ lzʕtɶʘdƶʘfŋȷ tɶȷ ʙtɕʷdƶzᵍ dƶsɣʕlz.
ð ɹ ʘɣȷ dʒ?
ð ʗ dȷᵩ dʒsɠdƶʘʃtsfŋʃlzʃɳɖlsᴵ ɳdƶʘɣȷ .
ɻ tsfŋdȷᵩʜdƶɳʔ ətsʃtɶtsfŋɹ tsdƶɳ: çʏ lsts əʳ fŋʜȷ dƶG] lsȷ fŋdƶsɣʕtsʔ?è ð çʗ tsfŋʃʘədƶ dƶsɣʕlz fŋȷ ʙȷ ɳ lzdȷᵩfŋz
ʜtsdʒsʔè. Ɪ dƶsəᴶ ɹ tsdƶɳ əʳ ətsʜɳlsȷȷ ɳLɠɳʃdƶsLʘ ʃ dƶʘ ȷ fŋʃȷ fŋʃəȷ dƶdƶs, dƶɳʃɣȷɠts dȷᵩ tʃtsdʒdƶɳlsɳ tsɣȷɠdƶ·
lzʜɳəɳdƶʘfŋ , ʕtsɠʜʘtsdƶfŋtstsʙʰ ɳdƶ ɣlsts tsdƶʘəLʷdƶʘfŋȷ tɶȷ ʙtɕʷdƶzᵍ dƶsɣʕlz, ʕGʕ ɳ ȷ ȷ tʃtsʜtɶzɠʘ ş ʘLʘdƶsfŋ
ʙʳ , lz ʜəlzʗ tsʜɳdƶʘʕtsəts ətsfŋʃɳlsʘdƶdƶ· ʗ tʃtsʜtɶzɠəLɠdƶʷʜʳ dƶʘdʒstɶʘdƶ dȷᵩ ʜtsdƶɣdƶ· tɶʘLdƶɳɣʘlsᴵ fŋʷ. ʃ ȷ ɣʜlz
lsȷ dʒtsʃʳ ls ɹ tsdƶɳ tʃtsʕGʘLʳ əGȷ ls, ɣlsts ᶣ lsts dȷᵩ lsGʕ: lz tsʜdƶsʔ tʃtsʜtɶzɠɳ dʒstɶʘdƶ dƶ· ȷ lzfŋtstsɳ ʕtɶȷ tʃɣȷ , ɣȷ dʒlz
ʜtɶzɠtsʔ.
çɭ fŋdƶɳ ʙʳ dʒʳ tɶȷʰ ɳdƶɳ,ð ɠtsətstɶɳls ɹ tsdƶɳ,ð tʃtsdƶʘʙdƶ ʜʘlsᴵ lʘdƶɳdʒɳ ə tsʙʳ ɣɳdƶ· ʗ lzfŋdƶsəɳʷʗ, lsts ɣȷ tɶȷ L
dȷᵩ tʃtɶtsʜtsdƶɣɳlsȷ dƶ dƶsȷ ətɶȷ dʒʷ dʒsɠdƶɳ ʙʳ tʃtsdƶzɣɳlsᴵ tʃtɶȷ ʜfŋtsʘədȷᵩ dƶɳȷ tsʙ ɳʗ lzdʒȷ , ʗʘɶʕlsȷ tɶȷ ,
dȷᵩ ʜtsfŋtsʘlsʕʘʗ ɳ ʜtsfŋtstsɳdƶfŋtsəʘʗ. ɭ ts fŋʘdʒsɠts dƶɶʘə fŋtsəȷ dƶdƶsɠts fŋzʰ ȷ fŋtsəʘ, fŋʕtɕʳ lstsɠts, dȷᵩ ɣ Gᵍ ȷ ɠts ə
fŋʘdʒsʔ ɠdƶzʙɳdȷᵩ ɳ dʒsɠdzʰ ȷ ɠts tsʙdƶʘdzɣɳlsᴵ fŋʷ tʃtsʜ ədƶʷdƶɳȷ dʒʜʘdƶdƶsɠts ɳdʒʃlzdz fŋʘ,ð ᶣ lstsɠts dʒʳ ʙʳ dȷᵩ
lzLdƶʘdƶɳ, ʜʘɳ tsdƶɳ fŋʘdʒɳ dȷᵩ Ldƶʘᵍ lsȷ ɠts. ơtsdzʕts əts ətɶȷ dʒʷ fŋtsdʒdƶʘdʒʙlzdƶɳLdʒʘᵁ lsts dƶɶʘəfŋtsəȷ dƶdƶsȷ
dƶʘʊʘdƶs dʒtsɣȷ ls tsʙdƶʘdzɣɳlsᴵ fŋʷè (Beaunis, 1886, tɕ. 324).
ɻɳʃdƶsfŋtsdʒdƶʘdʒʙlzdƶɳLdʒð ᶣ lsts çdʒʃʕtɶtsfŋʃtsʃ ʜlzʰ ɳèè
ɻ tsLdƶʘȷ dʒfŋʘdʒɳʗ fŋȷ ʙʷ: ʃlzfŋtsᴵ ʃɳtɶɳʃ ᶣ lstsdʒ
dʒʳ dȷᵩ ʃtsfŋtsɳʃɠdȷᵩ dʒɳʃfŋtsɳʃdzᵩ , Lʘstsdƶəȷ nȷ dʒ
ʃtstɕʷʜtsʕ ə fŋtsʙfŋtsəȷ dƶdƶsʔ ɣɳLdƶɳʃ, Oᵁ lsts
ʜdzʷ dƶʘfŋfŋʘdʒtsȷ dƶʘfŋzʰ dƶtsȷ ȷ dƶs.
ɹ . ɻ Ofŋʕʘdz '
ʀ ləȷ fŋtsdƶʘɳfŋtsɳʃdƶʘ çdƶɳʕlsts dȷᵩ dʒtsɣȷ ȷ ls ʃtstɶzɣɳʃlsᴵ fŋʷ lʘfŋətsᵍ ʗtɶʘʙtɶtsfŋtsᴵ , dȷᵩ ɳfŋʃʳ lsʘə ȷ ȷ è, dƶs ɣȷ dƶsʔ
lsGʕɳʗ ɳfŋʃʳ lsʘdƶɳʃ? dʒtsɣȷ ls fŋtsGʕlsᴵ ɣȷ dƶsəȷ ɣȷ fŋʕʘʷ ɣɳʃLdƶ. ş Gʕɣȷȷ ɳʃLdʒȷ tɶʃlsᴵ ʗtɶʘʙtɶtsfŋtsᴵ , dȷᵩ
* ţ ʘLdʒʳ ʰ dȷᵩ dƶɳʃʷ ɳ GʷtstɶʃLdʒʳ , 1987, fŋȷ 213.

[illegible]

[illegible]

[illegible]

* [illegible], 31 [illegible] 1990 [illegible]

Zakon o zaštiti prirode (Službeni list SFRJ, br. 1/1925);

Zakon o zaštiti prirode (Službeni list SFRJ, br. 1/1881, str. 79).

Zakon o zaštiti prirode (Službeni list SFRJ, br. 1/1888, str. 55–56).

Zakon o zaštiti prirode (Službeni list SFRJ, br. 1/1925);

Zakon o zaštiti prirode (Službeni list SFRJ, br. 1/1881, str. 79).

Zakon o zaštiti prirode (Službeni list SFRJ, br. 1/1888, str. 55–56).

ʃ ɑʃ⊐Oɑʃɑzz¸ ts≠ʷʷjls

fɲʒtɕʳ lsʳ tslsfɲʊɑʒs≠ ɑzɑʃ¸ɑzsfɲʃɑʃ. ç¸ɻ ɑʃʃɑzsʟ fɲʃsOɑzsəɑʃlsfɲʸ ʜtɕOɑ⁼tsɯjɑzɑzᵡ ɑʒ ɑzjɑʃfɲɯjɻtɕʃOʒɑʒ ɑʒɑʃfɲʃstsɯ¸ɑzɑʃ≒tsɑʒ ɑʃfɲfɲɑzjʜtsəOɑzɑʃ≠ ≒O≒ ʜɑzʷ ʷʷɑʃʟɑʃtsɑzsɑ⁼O¸ lsO≒ ɑʃ ʜɑzʷ ətɕO·uʃOè (z¸ O≒ɕ≒ts, 1881).

ʀ fɲʃtsɑzʟtsəOɑzɑʃjɻ lzɑzɑʃ≒Oɑzᵡ ɑzᵡ ⊐ ətsʟɑʒsʏ ɑzsfɲʃsjɻ≠ ɑ⁼ɑʃʃɑzsfɲʃsɑʒ-ɑzᵡOɑʒəlzɑʃʟɑʒOʃtsʟətsɑzɑʃɑzs ɑ⁼tɑzʃʃfɲjɻ ʃfɲɑʃ⊐tsɑzsɑ⁼tsə ʃ ɻ ʊ tɕO·tɕO·ʙtslsOʃˢ ɑzsəlzᵡ ɑʒjlstsʜɑʃ≒lz ɑʃʟlzuɻ ɑzɑʃʷ ɑzɑʃuɑzsfɲʃsɑʃ ð ɕ ɪ .I əjʜjɑzɑʃjɻ ɑʒjlstsʜɑʃ≒ɑʃ≒tsfəjɻ ɑzɑzᵡ ⊐ ʃtsfɲʃsɑ⁼ɑʃʃɑzslsɑʃuɻ fɲ≒ɑʃ⊐ əɑzlzʰ jɻ ɑzɑʃ≠ ʃtsʟətsɑzɑʃɑzs ɑʃfɲfɲɑzjʜtsəOʃsjɻ ɑzʷɑʒtʃtɑtsɑzɑʃ≒ɑzlzˢ ə lstɑzʜɑzsʜtsfɲʃslzʃɑzᵡ ≠ ɑʒɑʃtɕfɲɑʒᵡ fɲɑzsəʳ ⊐ ʜjlsjtɑɑʒɑʃɑzOɑzsʃtsəjʜjɑzɑʃʷ. ç∫ jlstsʜɑʃ≒Oɕ ɻ I ,ð tʃɑʃʰ lzlsOəlststɕʳ , ð tʃtsʟətsɑzʷjlstsʃtɑjʜjɑzʷlsˢ ɑzɑʃuɑzsfɲʃsɑzɑʃʲ ʟɑzOuɑʃɑʒsfɲʃˢ tʃtɑO≒lsɑʃuɻ fɲ≒ɑʃ ɑzᵡ ʙtsɑts ɑʃʟ fɲɑʒᵡ fɲɑzsəʳ ⊐ tsʙtɑOʟtsəOɑzɑʃ≠, ʙlzʜˢ lsts lzfɲʃsOɑzsə≒ɑʃ, ɑʒslsɑʃəʳ , uɻɑzɑzsfɲʃsɑʃ, uɻɑzɑʃ, ɻɑʒtsuɑʃtsɑzOɑzɑzᵡ jɻ tʃjɻtɑjʏɑʃəOɑzɑʃʷ. ʊjɻɑʒ fɲOɑzᵡ ɑʒfɲʃsOɑzsəɑʃlsfɲʸ ətsʟɑʒtsʏɑzᵡ ɑʒᵡ ʟtsɑzʜɑʃtɑtsəOɑzɑʃjɻ ɑ⁼ɑzlstɑjɑzɑʃɑʒ ɑʒz ɑ⁼tsɑzsfɲlz (tʃtsʜfɲtsʟɑzOɑzɑʃʲ) ɑʃ fɲɑʃɑʒjʜlzjlsjɻɑʒz. ç O≒ʏjɻ ʟOfɲʃsOəɑʃlsˢ ʟəlzuɑʃOlsˢ ɻ lstslsɑ⁼tsɑzsfɲʔ ɻ tsɑ⁼tɑzʟɑʃlsˢ fɲʸ ə ɑ⁼ɑʃʃɑzsfɲʃsɑʃɑzOɑzɑʃlsjɻ fɲ≒tsjɻ fɲtsfɲʃstsʷɑzɑʃjɻ ɑʃ tʃtɑɑʃ≒OʟOlsˢ jɻɑʒz: çɪ əlzuɑʃ!è

ɸ əlstsɑʒOlsɑʃuɻ fɲ≒tsjɻ tʃɑʃfɲˢ ɑʒtsˢ

ʀ tʃtʃtsɑzɑʃlsσɻ ɑzɑə tʃtɑjʜɑʃfɲɑʒtsəɑʃɑ≒ɑʃ¸ɑʒz fɲtsɯ¸ɑʃɑjɑzɑʃᵡ ç∫ ʙ lzɑʒjɻ ɑʃ tʃtsʟɑzOɑzɑʃɑʃè lz≒Oʟʳ əOjlsɑzO Oəlstsɑʒlsɑʃuɻ fɲ≒tsjɻ tʃɑʃfɲˢ ɑʒtsː çʏ jɻ ɑʒfɲstɕOɑzɑjɻ ≒O≒ts≠-ɑzɑʙts ʷʷO≒ls, lsjɻ ɑʒtsɑzʃtslzɯ¸ɑʃlsjɻ ɑzɑjɻ jɻ . I ɻ lstsɑʒ tslsɑzᵡ jɻ ɑzɑʃɑʃ ʜO·ɻ jɻ fɲʃɑʃtɑɑʃlsɑʃuɻ fɲ≒tsjɻ ɑʃ ʷəɑjɑzɑʃʷ əjʜlzlsɑzO⁼fɲ≒ tslsɕ⁼tɕʳ lsɑʃʷɑʒ tsʙɑzOəlzʏɑʃəOʸ fɲlzʰ jɻ fɲtsətsəOɑzɑʃjɻ ə tsʜɑzsɑʒɑʃɑzʜɑʃəɑʃʜjɻ ʜəlz⊐ fɲʃsLʜOɑzɑʃ≒, ʜəlz⊐ ətsɑzˢ, ʜəlz⊐ tɕO·ɑzɑʃuɑzsʜjɻ≒fɲtsəlzᵡ ʰ ɑʃ⊐ ɑzO·uOɑz, tsʜɑzsɑʃʟ ɑzɑʃ⊐ fɲlzʙʲ jɻ≒ls fɲʃsLɑzO·jls, ʜɑʒtsjɻ ɑʒɑlsɑʃ ɑʃtʃɑʃfɲ əO·jlsjɻɑ⁼ts ɑʒɑjəɑʃʜɑʃɑʒ ɑʒfɲlzʰ jɻ fɲtsəOɑʒ.. ɾ fɲʃsˢ ɑzˢ ʜɑʃ, ≒tslsststɕʳ jɻ əts ətɕjɑʒʷ tɕO·ʟɑ⁼tsətstɕO·ɑʃɑzɑʃ tʃjɻɑzɑʃʷ tʃɑʃʰ lzls, ɑʒjɻ ɑ⁼ɑzʷʜʷ ɑzO·ʙlzɑʒO·ɑ⁼lz, fɲʒʷʟɑzᵡ jɻ ʷʷtɕO·ʳ ɑʃ ʜO·ɻ jɻ ɯjɻɑzˢ jɻ fɲʃstɕO·ɑzɑʃuʳ , fɲtsəjɻtɕʰ jɻɑzɑzs ɑʒjɻ fɲtsʟɑzO·əO·ʸ lstsɑ⁼ts, uɻsts ɑzO·jɑʃɑʃfɲO·ɑzɑʃ. ɻ ts ɑʒtsjɻɑʒz ɑʒtsɑʒjɻ ɑʒɑzɑʃᵡ , ɑʃ⊐ ɑʃfɲ≒tɕjɻɑzɑzsfɲʃsˢ əɑʒjɻ əfɲʸ≒tsɑ⁼ts fɲtsɑʒtsɑʒjɻ-

ʃ ɖ⊐Ⱦɖɔzʐ tsɂʷʲls

ʧtɐɔɖɠtslstsəɖʲɖɐʑsɂ нɖzʷ ɻlstsɂ ɥjɖɐɔɖ ʧɖɐ·ʑʑʰ ʲlsʢj*, ʢⱾʢ ʲ fɳɥɐɔɖ вʳ ʲʁ нəɔɖ-ɠⱾɐ·ⱾʢⱾⱾOʷ-lstsəɖʲʰ ɖzʷʷ fɳɖɔɖⱾ. ɹəɔɖнlz lstsɠtsɥlstsɖɐⱾʧɔɖfɳⱾɐɥɐʑsʲ вlzнjls tslstɐ·ⱾɻⱾⱾʲ ʧtɐtsвɖʲɖʒʳ lⱾ·ɠɔɖʧɖɐslsɔɖlɔɖtɐtsəⱾɐɥɐʑsɠtsɔɖ вlzнʲls

lⱾʰ ɔɖʷʷtɐ0. əⱾɐɥɐs, ʲɖʒz ɖʲʲtsв⊐tsнɔɖɔʒs lstɐʲɖɐɔɖtɐtsəⱾɐʲ fɳʸ ə ɔɖfɳjstsɖⱾtsəⱾɐɥɐɔɖɔ ɖⱾʧɔɖfɳⱾɐɥɐʑsɠtsɔ. ɾ Ȿɐɥʲʲ нjɖⱾʲ lsfɳʸ əɖɐzʰ jɖɐɔʲ, ɥjlstsɔ ɖʲʲ ⊐tsнʷ ɔɖlɠɠɔɖʧɖɐslⱾ·ɔ tsɖzɻfɳɥʒsɻjls tslsⱾtɐʳ lsʲ ɠɖⱾ·lⱾ·ʧtɐtsɥʲʲ fɳjs ʲ ɔ ɖfɳjstsɖⱾtsəⱾɐɥɐɔɖɔ ɖⱾʧɔɖfɳⱾɐɥɐʑsɠtsɔ. ɾ Ȿɐɥʲʲ нjɖⱾʲ lsfɳʸ əɖɐzʰ jɖɐɔʲ, ɥjlstsɔ ɖʲʲ ⊐tsнʷ ɔɖlɠɠɔɖʧɖɐslⱾ·ɔ tsɖzɻfɳɥʒsɻjls tslsⱾtɐʳ lsʲ ɠɖⱾ·lⱾ·ʧtɐtsɥʲʲ fɳjs ʲ ɔ ɖfɳjstsɖⱾtsə

22 ךכלמנסעפצקרשתבגדהוזחטי ,ךכלמנסעפצקרשתבגדהוזחטי ם 30 ךכלמנסעפצקרשתבגדהוזחטי ן LHTSTATSOר ם ו lsqו ושקשתבגדהוזחטי ף tsdיבדב lsfיע dיו ע HIZ 25 ק 35 ךכלמנסעפצקרשתבגדהוזחטי ן ,ושלסts lz ן ש fnקו קdיו ן lsfיע lstsdאtsי tsh lzh י dאקי .
ן ש fnקו ובקHקlsdיבר ךכגdאOltsdכ ם tslsw dיפ ושtsHTSLTבי ובO ו lstsגts, lsts י fnOdעsי ושtאsקfף-tsHקlס, ף tsגHOtsdאO HIZdעGו ls, ושlsts dאקושי גts dיפ tsh lzh Gו ls. ן ושר lsר ו י יtאOר Odיפ ושtsף-OLOdzק, ושlsts י fnlsu ךעdאsגts fnקdאsע dz ם בי fnfnsLdאOsי dz dz ם Hי ?fnlsובק?, ף tslststגר י ושי dאsובי ף tאOLzdעdאs בר ושtsddzwי ls, dיפ ושtsHTSLTבי וOw ו lstsגts; lstsושdאs lsOף ע יי י fnlsu ךעdאsגts tsh lzh י dאק?, ף tslststגר י tsdzdעsע יי ls קfnשr lsר בOls, בfnשtsdעsגts dאOs ק ושts ושtsבtsHIZ ף tslststגר ם dעsע יי ls tאGfnfhzע HOls, fnlsובי dאקdאs dיפ fnsLdאOבOw ו lstsגts.
ף lsקו tstשr lsר dאOבי dzק ר Odיפ dאOdע fnקhz, ושlsts çב Hי ?fnlsובקlsי dz dאsfnlsקו dע dאק[ף tsגHOdיפ ושtאsdאק[ף Gו dעב
fnsLdאOdאק[י Htאzגtsגts dאק[ושO, Otsושי dאק[בGו dעי גts dאק[h ו ושts בdיפ h dאק[dעושtאswבdיפ dאק[wdע [fnקdאק[w בי tאg ן ש fnקו,
ף tsגHOtsdאOLOwבdzי ls, ושlsts dאק[ושי גts dיפ ושzבfnlsבzי ls, lsts ושtsושי dעZ ע י י w dיפ Htsdאע י dzבי tאקlsu י י
Oblstsdע Olsק[ושי fnף tsdקz ושdfnu dקz, ף tslststאsי lzlsבי tאע Hו ls, ושlsts tsdאOבfnי ע י ושzבfnlsבzי ls? ו קfnu dעs ו lsts lsOף ע י
fnקdאsע dאs, ף Oף ק fnקdאsבO, ş tsגHOOblstsdעOsק[ושי fnף קי ושdfnu dקי dz י tslsבי lsר fnlstslsבי lsfnlsבzג בר ls בtsושdfnOdע lsts ב
ו lstsdע lsOף ע י ושtאswבdzג ק dיפ Htsבי tאwlsu Htאzגdק[dע è (ר Odיפ, 1913, fn281).
ו ן י tאר Odיפ בdzh Oו ls ש fnקו ב גdושdאsfnlsdעdאOdעBlzdאק[Ldקי , ושlsts tsdאOdעOdיפ dz ף ק? fnי dעdקי dיפ lsdאק? dעOdz ושdף
ר tsLי w, ק LOlsי dע dיפ lzdאק[ושtsע Ow GOdzdz ושddאOושdף?, fnlOLz Hי גdושdאslsdLdאtzי ls י י. ו tsfnקיפ
çושtאsבlzע Hי dאק[wè ש fnקו בfnי LOבr בOו ls, ק ף Oע י lsfnw, ושlsts tsdאOב fnבtsי dעtsבr ושdאsdעfnבsfnlstswdאק[ק. ן Hdאף ts
ף tsגHOuי tאי L dיפ ף tslststאsי בtאי dעw ר Odיפ בף dאOHr בOו ls י ? ב tאzף ק ף Oאlאdאs Oו ק tslsבdיפ ף Oו ls י י בdאק[dעOdאק[י
tאOLגtsבtstאsdעtsושdעfnlststאsdאdאק[ם בי h O-, tאzף Odעי Hdיפ dאdאs ק fnlstאzHtsdעושdף h ls, ושtאק[ושי dעfnOdעO ש fnקו dיפ
LOdיפ ושOו ls ו lstsגts. ş tsגHOtsdאOLOף tsdאושdאOושdף קfnOlsu , ר Odיפ בי tאי ls lz dיפ י בlzdעOגlz ק ושקlsOו ls: çר tstאsגts?
Hי Hlzh ף O, ושts fndzושO ן tsבי tאי גtsHOי י י lsי בי Htsבtאsגts LHTSTATSבו w ק tsבי h O lsי בי br lsu
ושtsfndzh dz dעdעOzושקף tsdע ls בts? בdzף ר tsLי wè. ר Odיפ גtsבtstאקls, ושlsts ב ו lsts בtאי dעw dיפ br dאs ן tsבtsגts
גtsHOק tsdzdיפ ושtsdאק[dעOו ls, ושtsושי dעz tsdאO u lsts dאשק fnOdאO ן dzושtאי HtשtsdאOגOו ls, ושlsts, br lsu dעsי י ls, ושק fnי dעts
fnי dעק[dיפ lsdיפ גts tאי בי dאOושtאsבlzHק[dאs ב י י fnlsובdאק[ק[ק Hי h ts dאsבtsגtsHdאק[ם ושtsי י dאOdאק[w ם ק ו lsts גtsבtstאקls
ts lsts dע ושlsts gOdzz ושק[dאOושק[ק fnlsם tאOdzwh lsfיע lz בlststאs?, ושtsHfnlsובdאOsי dz dאs?, dzק[ושdאsfnlsק.
ן Htאzגtsדעושtשr lsי ר Odיפ ושtsגtאzLק[dzי י ב גdושdאsfnlsdעdאOdעBlzdאק[Ldע. ושtsדעdzw ts י י dאOuק[lsOdzdאsfnlsק,
ושtאי בtאOlsק[dzב ף gdיפ fnיע ן tsdz י tאO ן dzLOfnlsבק[dzי י ק[LTSBtאOי Olsu dאOק[בdzh ושtאsfnlsz h ף lz, dאs ושtאי י Hי

[illegible]

[illegible] (Dessoir, 1867ð 1947), [illegible]

[illegible] (Dessoir, 1911).

∫ ɕ⊐Ⱦɖɕzɻ tsǂʔʷ ʲ j ls

ɢⱭʜʳ əⱭɗzɕfɲ, ɤɻstsɕfɲɣʳ lsƶjɗʒˠ ʔ ɣtɑɕ ɔfɲj⊐ʟⱭɣʃtɑɟʰ Ɑʸ ʰ ɕ⊐ɔɗƶʰ j ɗzɕʷ⊐ɔfɲjɢʜⱭfɲɢƶ ʰ ɕlsɕ ɔɕʜɕlɔs, ɗƶs ɻ lstsɢʦ ɗzɟ tsfɲʦʟɗzɢ}ls. ʊʦ j fɲjsᴵ ɔʳ ʟɔⱭɗzƶ j ɔɗƶʰ j ɗzɕj ɗʒfɲɟɣ tsls⊙ ɢɗƶ⊐tsls⊙ɕ ʙj fɲɻƶɔfɲjɔj ɗzƶsfɲjsᴵ ɗzsfɲʸls ɤɻɕfɲjstsɣ tɣfɲɣ⊐ɕɤɻj fɲ}ɕǂ⊐Ɑɢlsj tɕ, lsⱭ ʕⱭ fɲjstslɔj lsfɲjɔƶʁ ʰ ɕj tstɑɢⱭɗƶ ɣtɑtsʜtsɗzɻ⊙ʸ ls ʷ ƶɗzɕɤɻɕtsɗzɕtɑtsɔⱭsᴵ , ɗƶs ɕɗƶʷ tstɑɗʒⱭɻɕʷ tsls ɗzɕ⊐ ɗzɟ ʜtsᒣtsʜɕlsʜts fɲjsʟɗzⱭɗzɕʷ.

ɾ tsʕlststɕʌ tɑj ʔʜ ɢtsɔtstɑɕls, ɤɻstsɔʳ fɲʃⱭʟⱭsᴵ ɣtsʜtsʙɗzsj ɣtsɗzsʏ j ɗzɕj tslsɗzᵡ ʜᴵ ɗzɟ ʟɗzⱭɻɕls fɲɟɑⱭʟƶ ʟɔɜtsj ɔⱭsᴵ fɲɟɗʒfⱭsɕɕ fɲɟƶzʰ Ɑsjɗzʔ ɕ ɻɕɕlsⱭsjɗzʔ. ∫ ɗzʜⱭʏ j fɲɻɕlsⱭ}ls, ɤɻstsˡsⱭʕtsj ɣtɑj ʜtɣtsɗzsʏ j ɗzɕj ɗʒsʏ j ls fɲɕɗz ɗzs ɣtsʜtstɑɔⱭsᴵ ʜtsɔj tɑɕj ʕ j ɢts ƶɻj ɗzɕ-lsts ɗzⱭƶɻɕɗzs lɔƶɻɕlsᵡ ç…ɔ ʜƶʰ j ɻj ɗzsɔj ʕⱭɗʒsɢƶls ɣtɑtsɕfɲ⊐tsʜɕlsᴵ ʷɔɗjɗzɕʷ, ɔ fɲƶʰ ɗzsfɲjsɕ, j ɗʒƶ ɕlɔj fɲjsɗzᵡ j , ⊐tslsʷ tsɗzɗʒsʏ j ls ɗzɕɻj ɢts ɗjⱭ ʟɗzⱭsᴵ ts ɗzɕ⊐…è (ʌ tɑj ʔʜ, 1989, fɲ 105).

∫ j lstsʜɕʕⱭɣtsfɲjsɢɕɣtʃɗzslsɕɻj fɲʃɕ⊐ ɗjⱭɢⱭsɕɔɗzᵡ ⊐ ɢⱭɗzƶ ɻɕɕɗzⱭɻɕɕ? fɲʦʟʜⱭj ls ʙɗzⱭɢtsɣtɑɕʷlsɗzᵡ j ƶfɲɟɗzsɔɕʷ ʜɗzᵛ tsɣtɑj ʜj ɗjɗzɗzɕʷ ɔtsʟɗzʒsʏ ɗzsfɲjsj ʔ, ʕtslststɕʳ ɗzʃɕ ɗjⱭtsfɲʦʟɗzⱭɔⱭj ʃⱭɣ ɣtɑ⊐ɕɻj fɲʃⱭᵛ ʜj ʷlsj ɗzᵡ ɗzsfɲjsᴵ tɑⱭfɲɣtsɗzⱭɢⱭj ls ɔ ɣtɑ⊐tsɗzsɢɕɻj fɲʃtsɗʒᵗ ʕfɲɣj tɑɕɗzj ɗzsj . ∫ lsɕɣɕɻɕƶᵡ ⊐ ᵗ ʕfɲɣj tɑɕɗzj ɗzsⱭ⊐ ɣtsʷɔɗzʸj lsfɲʸ ɔtsʟɗzʒsʏ ɗzsfɲjsᴵ ɕfɲɟɗjⱭʜtsɔⱭsᴵ ɗʒɗzsʏ j fɲjsɔts tsɣj tɑⱭɻɕʔ (ɗʒⱭsj ɗʒⱭsɕɻj fɲʃɕ⊐, ɗzsɢɕɻj fɲʃɕ⊐), ⊙lsⱭʕʏ j ɣtɑtsfɲɟɗjʜɕlsᴵ ʙtsɗzj j fɲɟɗzsʏ dzᵡ j ɣtɑtsɻj fɲfɲ ɔʳ ɗjⱭfɲj ɗzɕʷ tɑj ʰ j ɗzɕʔ, tɑj ⊙ɗzɕʟⱭɻɕʷ ʕtslststɕʳ ⊐ ɗʒsʏ j ls tsfɲƶʰ j fɲjsɔdzʷlsᴵ fɲʏ ʙj ʟ Ɑʕlsɕɔɗzsɢts tsfɲʦʟɗzⱭɗzɕʷ fɲƶʙʲ j ʕlstsɗʒ l j lstɑzʜɗzs ɣtsɗzᵡlsᴵ , ʕⱭʕɕj ʙɗzⱭɢtsɣtɑɕʷlsɗzᵡ j ɔtsʟɗzʒsʏ ɗzsfɲjsɕ ʜdzʷ ⱭɗzⱭɗzɕʟ⊙fɲʃtɕʳ lsʳ ⊐ ɣtslsj ɗzɻɕʔ ʙj fɲfɲʦʟɗzⱭsj dzɗzs ɢts fɲʦʟʜⱭʸ lsfɲʸ ɣtɑɕ fɲɟfɲjsj ɗʒⱭsɕɻj fɲʃtsɗʒ ɣtɗzⱭɗzsɗzɟ tɑɗzsɗʒɔʳ ɣtsɗzɗjɗzɕɻɕ ɣtsʜtsʙɗzᵡ ⊐ ɕfɲɟɗjɻʜtsɔⱭɗzɕʔ.

ʕʕfɲɟj tɑɕɗzj ɗzsⱭstsɕɣtɑj ʜᴵ ʷɔɕɗzʏ j ɗzᵝ ɕɗjⱭ ɣtsɗzɗzsɢtɑⱭʷ ɕɻj fɲʃʕᵡ ʕⱭɗzsɕɗzƶɻɕ. ɻ dzʷʜʷ ɗzⱭɗjⱭj , tsɗzⱭ fɲɟƶʰ j ɗzɗzs fɲɟɗjⱭj lsfɲʸ. ʂ tsɢʜⱭj j fɲɣtɑtsfɲɻɕɗz ts ɣtɑɕɻɕɻɕɗjⱭ fɲɟʒ⊐Ɑ, tsɗzⱭtslsɔj lsɕɗzⱭfɲɗzsɔⱭɗʒɕ, fɲʦɔj tɑᵗ j ɗzɗzs ɗjⱭ tslsɗzsfɲʸʰ ɕɗʒɕfɲʸ ʕ ɣtɑtsɕfɲ⊐tsʜʷʰ j ɗʒƶ. ʏ lsts ʏ j ɣtɑtsɕfʦʰ ɗzs? ⅼ tstɑɗʒⱭɗzƶ ɗzs? ɣtfɲɟ⊐tsɗzsɢɕɕ ɗjⱭ ƶʜⱭɔⱭɗzsfɲʃ tsʙʲ ʷfɲɗzⱭlsᴵ , ʕⱭʕ ƶʜⱭɔj lsfɲʸ ɻj ɗzsɔj ʕƶ tsʜɗzsɔtɑj ɗʒj ɗzɗzs ʟɗzⱭsᴵ ts fɲƶʰ j fɲjsɔtsɔⱭɗzɕɕ ʕⱭʕɕ⊐-ɗzɕʙts ɣtɑj ʜfɲjsⱭɔɗjɗzɕʔ ɕ ɗjⱭ ʟɗzⱭsᴵ , ɣtsʕⱭʌ tɑj ʔʜ ɗjⱭ ɔɔj ɗzɔ ɣtɑⱭʕlsɕʕƶ ʙj fɲfɲʦʟɗzⱭsj dz ɗzsj ɕ ɗjⱭ ɣtsʕⱭʟⱭɻj ɢts ɣtɟɲ⊐tsʜɕlɗzⱭɗʒɕɻɕ ʕⱭɗzⱭɕʔ ɕ ɗjⱭ ɔɔj ɗzɔ ɣtɑⱭʕlsɕʕƶ ʙj fɲfɲʦʟɗzⱭsj dz ɗzsj ɕ ɗjⱭ ɣtsʕⱭʟⱭɻj ɢts ɣtɟɲ⊐tsʜɕlɗzⱭɗʒɕɻɕ ʕⱭʕɕ⊐ɻ tsɔj ʜj ɗzɕj ɤj j ɗzᵝ ɕɗzᵡ ɗʒsʏ j ɗzs ɕɗzsj tɑɟɑj lsɕtɑsɔⱭsᴵ fɲɟɗjʜƶʁ ʰ ɕɗʒ tsʙtɑⱭʟtsʒ ɻ tɑsɕlʦʰ ɗzⱭɕfɲɟɲʦʟɕɻɕ⊙ɻɕʷ (tɑⱭfɲɟ j ɣtɗjɗzɕɻɕ) fɲʦʟɗzⱭɗzɕʷ. ∫ ʜɗzⱭɻɕⱭfɲɟsᴵ ɣtfɲɟ⊐ɕʕɕ,

ʙj fɲfɲʦʟɗzⱭsj dz ɗzⱭᵞ, ɔɕʜɕlɔs, ɕ ɣtsᵘ lstsɗʒz ʏ j ɗzᵝ ɕɗzⱭtɑj ⊙ᵍɕtɑɗzj ls; ʜtɑzɢⱭᵞ, fɲʦʟɗzⱭsj dz ɗzⱭᵞ,ð ɗjⱭ ɔɕʜɕlɔs, ɕ ʏ j ɗzᵝ ɕɗzⱭfɲɗzsɔj fɲɗzs ɗjⱭ tɑj ⊙ᵍɕtɑɗzj ls. ʕ lsts ɣtɑtsɕfʦʰ ɗzs ɣtslstsɗʒz, ɻɕlsts ɣtfɲɟ⊐tsʜɕlɗzⱭɗʒɕɻɕ ʕfɲɣᴵ fɲɟɗzⱭɣtsɣ ɗʒstɑⱭɗzɗzᵡ ɗʒɣtɑj ʜfɲjsⱭɔɗjɗzɕʷɗʒ

(Ujdzlztec) ar lsjfqkqdcdqtfteqjdsjdzg qdwtstcdsQUqdg , fqftsfqsbdzg fqftetsatsUqdtetsaQlsr
tffqj-tsdzsGdUjfnjqd? ytsdwdzqlls, qdL lsts? UQfqsdfqsLdcQkqdw, ytslststecQv adHjdcQyQkdsqdcdzlz.
l jdzqdh dqtfsdsdkqlsr , Ulsts lzxj dcQlzetatsadqt UzafqsejdzkzsGts atsfqftequlsqdw fqecQbQlsr aQjls dsj-QkqLds
tffqj-qdUjfnjts? LQf qdlsr , Ujdzszjy qdHqdls qdqt fqdz h qdls lstsGts, Ulsts dsxjls ar LaQlsr lzdqGts
Hlzh jadz ? teQLdcQH. 1Qf qdlsOtslsydz UQjls tstcGQdz UzafqsaQ tslslzGtetsxQf h j? qdwtstcdsQUqdq, afqdjHfqsaqj
lstsGts tsdkq dqt atsfqftequdqdsQf lsq dqt tfjtejHQf lsdxsLGlz lsts, Ulsts dqtfteqjdsdqxdzs Hdzw dzqUzdsfqsq. l ts ytsts,
ytetsdsj fqsLdcQkqdkqw, dxsxjjls tsujdzqlsr, tstfGfqdcQdzq HQkzkQv qdwtstcdsQUqdw? I.u.t tslsjdzsjtecfnUqdlsQjls, Ulsts
Ujdzsajy ar teQBQlsr aQjls dqtsfqsLdcQaQjdsz ? tstfr ls, tftsLatsdzwg h q?, dqt tfteqBjGQv ydzsGdUjfnjts?
tfetsajtcyj, aqHjlsr a lsts? qdzq qdzs? qdwtstcdsQUqdq fqfGdcQkzftslsjdzUqdzQkz dzs? tstfGfqdzsfqsq. R ilsO
qdwtstcdsQUqdw fqptsqdzatsLHj?fqsaqjdsftaejtsHtsdzqdxsj tfteqjtfwlsfqsaqj dcQtflzlsq yfqsLdcQlsjdz dzsdxzjj atsfqftequlsqg .
[tdzGdxsq fqdzsaQdxq, qdwtstcdsQUqdw qjfqsr, qdwtstcdsQUqdq fqftsr, qdqls.
1tequajHjdzil yfqjtequdsj dzs, tftsfqsQadqdzz ? R.f .Λj?Gjdzsjtc-GtsdzR fqfr lszjdxsdxz adzh qdzq fqdqtfslslz
dcQtsHqdzGdcL qtfetsajtequdzq: tsdzHj?fqsaqdlsjdz dzs dqt adHqdls tfteqHdsjlsr , tcQfqftsdzsxjjdzdz jatftsdqt
Lteqdzqw ilsts Gdc1Q1Qsjdzjdxz dcQHjdzq tsUyqdqfqftsdzwtequLQUqtsdkdz dxq fqajlstswqdzlstcQdxq
tfteqHj wadqdzq fqdzsats çdxQstetsfqè lsQyqdzxtsBtcQ1tsdz Ulstsbr fqdzsG çdxQè tftstfQHQdza çdqadqHwfh q?è GdcQ1.
t Q1zdxqjjlsfqw, fqzBj jyls dzqUjGts tsB ilstsdzxtfsHatsnjdqt BQdz ş Q1QdzsfqjBr , tsdzHtsdzxjdzBr dztfetsUqlsQlsu
fqdzsats çlstetsfqè, tsHdcQyts qfqftfr lszjdxr ? Uqlsqjls çdxQstetsfqè. 1tetsHtsdzxQjls dzq qfqftfr lszjdxr ? aqHjlsu
tftsfqdzj adzh jdzdzs? jdzxz fqdzjtftslsr ? (Λj?Gjdzjtec, 1986).
ϕ alststcfqftea jHdzqatslzyQLr aQjls, Ulsts atstfetsfqð qGtecQjls dzq fqsdxcdQdxBlzdcQqdzq tftsdzdzsfqsu ajtecqls a
tejQdz dzsfqsu adzh Qjdxsdxsjls ð tftsfqsQadqdzdxjyzdcQqdzq tftsdzdzsfqsu ajtecqls a
tejwwdqyslsqtezr h jGts fqsLdcQkqdw fqBjjyslqadzs fqdqtfQ dzs tsHdzsatejdxjdzdzs, fqlststUyqdLtejdzqdw fqststetsdzdqGts
dcQBdz HQsjdz, tsBj jyslsqadzs Ltcw UQ ∫ tsxjdzs fqyQLQsu, Ulsts tsdcQa tsHdzs qlsts xjj atejdxw qajqHqdls, qdqt
aqHqdls. çI tsls ilsts tftaQHtsyfqjè ð atsfqdzqydzls Uqlsqjdzq. [Q,tfQtaQHtsyfqjtsBtsGQf Qf h q?dzQj
tftsdzqdxQkzqj GqtfdzsfqsdxcdQBlzdzqLdxQ
tjUqdqHjlsts wjdzsdxjqtecQfqj jtfqtdzqzsGts fqsLdcQkzqw.[dzw tftsdzqdxQkzqw ilstsGts wjdzsdxjdcQlstejBlzjlsfqy
çtfteqdzqdtfHtstftsdzkzqlsjdz dzsfqsqè, aajHjdzdz ? a 20-Gtsh Qa aw qLqylz l .I tstetsdxqlsQy xjj

lzfɳʃjʰ dʑsʧtɑqʃdʒjdzʷjdʒʳ ʔ ʕ ʧfɳgʃ⊐qʃɥjfɳʃqdʒʧtɑtsɥjfɳɳΘdzʒ çʊjtstɑqʃqʧtsfɳɸʷʱ jdɑdzʳ j tstʃqfɳɳΘdɑqʃᵡ jнqʃdʑsɢʦtsʷədɨɸdɑqʃʷ, tɑΘLdɑqʃɥqdzʳ j ɥədɨɸʰ dɨɸ, qʃʧts fɳɣlsqʃ, dɨɸ ʧtɑtslsqʃətstɑjɥqΘls, dɨɸ tslsəjtɑɢΘʸ lsqʃdɨɸ tɑΘLəqʃəΘʸ lsнʦdzɢнʦdzɢΘ, Θɑdzqʃʰ ɹ нtstʃtsɑdzdzʷᵡ lsdɑΘʸ j LdɑΘɑdzʃjè*. ʀ L ɻlstsɢʦ ʧtɑqʃdɑɥqʃʧΘfɳɸjнlzjls, ɥqlsts fɳɸɑʒʷʷΘʕls dɑΘʙdzʳ нjdɑqʃʷ tɑtsɤнΘjls ɥjjʧʃɹ ʧfΘɑΘнtsʕfɳʦsə, ʷədzʷᵡ ʰ qˤ⊐fɳʸ fɳɸjнfɳʦəqʃjdʒtɑΘLdɑqʃɥqdzʒ ⊐, нtstʃtsɑdzdzʷᵡ ʰ qˤ⊐ нʦdzɢнʦdzɢΘΘfɳɸjʃʕlstsə tɑjΘɑdzdɑzfɳʦqʃ. ɻ tɑqʃɥqʃdɑΘʷədɨɸdɑqʃʷ çнtstʃtsɑdzdɑqʃlsjdzdɑzfɳʦqʃè ʕtɑtsjlsfɳʸ ə lstsdʒ ɥqlsts dɨɸls ɥjlsʕtsʔ ɢtɑΘɑdɑqʃɥqʳ dʒjɤнlzdɑΘɑʃqʃ qʃlstsʔ tɑjΘɑdz dɑzfɳʦʲᵡ , ʕtslststɑdzᵡ dʒʳ ətsfɳʧtɑqʃdɑqʃdʒQjdʒʕΘʕ fɳɣʰ jfɳʦəlzᵡ ʰ lzᵡ ədɨɸ dɑΘfɳɸɔʊΘʕqʃdʒtsʙtɑΘLtsdʒ ə tɑΘfɳɳɸʒΘstɑqʃəΘjdʒtsdʒtsʧʃʳ lsjʧtɑΘəʳ qʃlsjʕlstsfɳɥqʃlsΘjls, ɥqlsts fɳʦsdʒdɑΘɑdʒʙlzdΘfɳɳɸjʧΘ qʃlsj, ʕlstsfɳɥqʃlsΘjls, ɥqlstsLtɑʷɥqΘʕlsʃtsɥjdɑΘʃqʃdɑqʃʰ ɹ нtstʃtsɑdzdzʷᵡ lsнʦdzɢнʦdzɢΘ ʃ ʙΘlzlsəjtɑʕнjdɑqʃʷ, ⊐tslsʷ qʃqʃfɳ⊐tsнʷlsqʃL tɑΘLdɑqʃɥqdzʒ ⊐ʧtɑjнʧtsfɳ dɑzʕ, ʧtɑjнdɑΘɢΘʸ lsΘнjʕəΘsdɑzjtstʃqfɳΘdɑqʃjʧtɑqʃɥlzнdɑqʃətsɢʦʧtsəjнjdɑqʃʷ ʧfɳgʃ⊐qʃʕqʃfɳʦsdʒdɑΘɑdʒʙlzdz . ʀ lsΘʕ, fɳgʒ fɳɣlzəʳ ʰ jfɳjtɑjɥqʃfɳɸjdɑdzʒ ⊐tstʃʳ lstsə ə lstsdʒ, ɥqlsts əɑdzʰ jdɑdzΘʸ ə ɢqʃʧdɑzsfɳʦsdʒdɑΘɑdʒʙlzdɑqʃLdʒjfɳɸjʧtslsΘ(ɢdzˤ⊐tslsΘ, dɨɸdʒslsΘ, ΘdɑΘɑdzɢjLqʃʷ qʃʧtɑ.) dɨɸfɳʷLΘdɑΘfɳlststɑdʒsʕjdɑqʃjdʒdɨɸtɑədzʒ ⊐fɳstɑlzʕlslztɑLtɑqʃlsjdzdɑzsɢʦΘdɑΘɑdɑqʃLΘlststɑΘ, lsts jfɳsʲ tsdɑΘʧfɳgʃ⊐qʃɥjfɳʕΘʸ.

ʃ ʙtɑΘlsqʃlsjədɑqʃdʒΘdɑqʃjdɑΘʧtɑqʃdʒjtɑədzʰ jdɑdzʦʔ tɑjɢtɑjfɳɡʃqʃəʦsLtɑΘfɳʦΘ.l Ltɑʦsfɳdzʔ ɥjdɑzsəjʕ, fɳʦΘdzʦəʷfɳjdʒΘdɨɸjdzʕqʃdʒtɑjʙjdɑʦtsdʒʰ jʧjdzʷəqʃls, fɳʲ fɳj ʕΘjls.ʃ dzɑlsʷdɨɸlsfɳʸ ʕqʃɢtɑdzʰ ʕΘdʒ LʦsəjlsdʒΘdɨɸz, ʧʃlzɢΘjlsfɳʸ, ʧʃdɑΘɥjls.ɻ fɳgʃ⊐tsdɑzsɢqʃɥjfɳʕΘʷ tsɥjdɑʕΘʧʃʦʕΘLʳ əΘjls, ɥqlsts ʧjjtɑjнdɑΘɑdʒʃqʃнjʔfɳʦəqʃsjdzdɑzsdʒdɑΘнjdɨɸɥ, dɑzstsdzʎjjtsнdɑzsətɑjdʒjdɑzɑzstsfɳʦsΘjlsfɳʸ əLtɑsfɳɡdzʒlsΘʕʕΘʕfɳɡdzʰ qʃlsqʃʧtsdɑɥqʃdʒΘjlstsʙtɑΘʸ jdɑdzʳ ʕfɳjʙjdɨɸнjlsfɳʕlzᵡ tɑjɥʳ ɢqʃʧdɑzslsqʃLjtɑΘ.l tsɥjtɑjнdɑzsʔ tɑΘLdʒʳ fɳʦΘdzʦəqʃdʒfɳʸ fɳɸqʃнjlsjdzʷdʒqʃ ʧΘɑΘнtsʕfɳΘdz dɑzsfɳʦqʃfɳʦsdʒdɑΘɑdʒʙlzdɑqʃɥjfɳʕtsɢʦ fɳʦfɳʦsʷdɑqʃʷ, ʕtslststɑsjfɳʧtsLqʃɥqʃqʃLнtɑΘɑtsɢʦ fɳgʒ fɳgzΘfɳʦɥjlsΘjls dɨɸfɳʦɥjlsΘjlsdʒtsj: ɥjdɑzsəjʕtsнdɑzsətɑjdʒjdɑzɑzstsɤqʃəjlsədɑΘfɳʦsʷʱ jdʒqʃʧtɑtsʰ dɑzsdʒ ʂ ΘʕjjjdɨʒʲlstslzнΘjlsfɳʸ? ʃ ʕΘɥjfɳʦəj tsʙʲ ʷfɳdɨɸdɑqʃʷ lzɥjdzʷj ʧtɑtsətsнʷlsʧΘɑΘɑdzɨɸdzdʒqʃjdʒʧtsəjнjdɑqʃjdʒfɳʦsdʒdɑΘɑdʒʙlzdzqʃʧtsəjнjdɑqʃjdʒdʒʕtɑtsɥΘfɳʦsɥ, ʕtslststɑrj, ʕΘʕqʃLəjfɳʦsdɑs, tsʙdɑΘнΘʸ lsfɳʧtsfɳʦsʙdɑsfɳʦʲᵡ dɨɸнjdzʷfɳʧtɑts⊐tsнqʃlsʲ tsнdɑzsətɑjdʒjdɑzɑzsəнəΘtslsəjtɑfɳʦsqʃʷ. ʃ dɑqʃʕΘʕʙrfɳɣʰ jfɳʦəlzᵡ lstsнdɑzsətɑjdʒjdɑzɑzsəнəlz⊐fɳʦfɳʦsʷdɑqʃʷ⊐ ðɥΘfɳʦsqʃɥqʃətsdzdzʷ ð qʃəLΘqʃdʒdɑzʧjtɑj⊐tsнʷlsнtɑdzɢəнtɑdzɢΘ

* ɹ tstɑtsəfɳʕqʃʔ ʧtɑtsqʃdɑɥqʃʧ нtstʃtsɑdzdɑqʃlsjdzdɑzsfɳʦsqʃqʃL tsʙdɑΘfɳʦsqʃʕəΘɑdzstsətsʔ ʷqʃLqʃʕqʃətsʙdɑΘfɳʦʲ ʧfɳgʃ⊐tsdɑzsɢqʃqʃ əɑ80-⊐ɢtsнΘ⊐ʧjtɑjdɨɸfɳɣdzʃlɻ.ɻqʃdɑzɑqʃdzʃfɳqʃɹ.ʂjнtɑtsə.

ʃ ɑ[⊐Ѳɑ[ɑzzˌ ts?ʷʷjls

ʟѲʃtɕjʰ Ѳɑlzj?ɜ ɔɑ[ʜjjlsᵘ fɳʂsᶜɑɮѲfɳɑlzᵥ j ɑ[ɑɮ[ᶜɑɮѲfɳɑlzᵥ j ʙlzʕɔʳ ɑɮѲɑɮ[fɳʂsѲ⊐, tslsɑʒɳjˌɑɮɑlzᵥ ⊐ʙlzʕɔts?. ʂ tsᶜʜѲtsɑzᵥ tʃtsʃtɑtsfɳɡ[ɑzjˌj tʃtɑtsɳjˌfɳʂᵘ lsjˌʕfɳʂɑɮѲɔfɳj⊐ ɑzɡ[fɳʂsѲ⊐, tsɑɮѲtʃtsɑzɑtsfɳʂᵘ ᵡ tʃtɑtsɳɑɮѲlstsɑzˌʕts 4 ɑzɡ[fɳʂsѲ, ѲɑɮѲ çʟѲʕtsɑzʜtsɔѲɑlzᵥ ⊐è ɑzɡ[fɳʂsѲ⊐ tsɑɮѲfɳʃtslsʕɑlzɑɮѲfɳ ɑ[ɑˌɡ fɳɡ[ʒsᶜɑɮѲtʃtɑtsɳɑ[lsѲlsᵘ ʟѲʃtɕjʰ jˌɑlzᵥ jˌʙlzʕɔʳ . ʃ fɳᵂʟɑ[fɳʂ fɳɡ[jˌtʃtslsts? tʃts tslsɑtsʰ jˌɑzɑ[ᵡ ʕʟѲʕtsɑzʜtsɔѲɑlzᵥ ɑʒɑzɡ[fɳʂsѲɑzʒɾ Ѳɑlzˌ tsʙtɑѲᵝ Ѳˌlsfɳʸ ʕ tʃtsʜfɳʂʟɑzѲsˌɑzᵥ? fɳʸjtɕj ʃ ᵡ fɳɡ[, ʕtslsɑtɑѲʷ ɔfɳj tʃtɕjʕtɑѲfɳɑtsɔɑ[ʜɑ[lsɑ[ʕtsɑtsɑtsɑzɡ[tɑzjls. ʃ jˌɑzɡ[ʕɑ[? tʃfɳɡ[⊐tsɑtsᶜtʃtɑtsfɳɡ[lstʃtsʜfɳʂʟɑzѲɑlzᵥj ɔtsfɳʃtɑtsɑ[ʟɔjˌfɳʂsɑ[lsjˌʕfɳʂtʃtɑɑ[tʃtsɑzɑtsʰ ɑ[Ѳɔlstsɑzɡ[Ѳlsɑ[ɳjfɳʕtsᶜtsˌtʃɑ[fɳjɑzɡ[Ѳ ∫ ᵡ fɳɡ[ɑzѲʃɑ[fɳ·ɑlzᵥ, ɑzɡ tʃtɑtsʃlzfɳʂɑ[ɔ ɑzɡ[tsʜɑtsɜ? ʙlzʕɔʳ . ʃ ʜtɑlzᶜtsɑzɡtsʃʳ lsjˌ ɾ Ѳɑlzɡ ɔɑzᵥʰ Ѳˌlsʃ ᵡ fɳɡ[, ɳlstsˌtsɑѲɑlzɡ ɔɑ[ʜɑ[lsɑzɡ[ɑzɡ[fɳʂʳ ʙlzɑzɡ[Ѳᶜɑ[, tʃtsɑzɡɳjˌɳjˌfɳʂɑ[ʕtsɑzɡ ɑzѲʕtslsts tɑᶜ ⊐ ɑzѲʃɑ[fɳ·ɑlzᵥ ɳɑ[ᵂtɑᶜ ʙ, 15, 12, 3, 9, 18,ð ᵂ ɑ[⊐ tʃtɕjʕtɑѲfɳɑtsɔɑ[ʏlz. ɾ Ѳɑlzɡ tslʕɑlzᵥ ɳѲˌlsʃtsʜfɳʂʟɑzѲsˌɑzᵥ jˌɑzɡ[ʜjˌɑzɡ[jˌ ɑ[tʃtɑtsfɳɡ[lstʃjˌtɕjʜѲsᵘ jˌɑzɡzˌɔfɳj ɑzɡ[fɳʂʳ ʙlzɑzɡ[Ѳᶜɑ[. ʟ Ѳᵘlsts ∫ ᵡ fɳɡ[tslsɔjˌɳѲˌlsː

ð ʗ ɑ[⊐ ɑzɡ ɔɑ[ʏlz, lz ɑzɡjɑzᵂ ɑzɡ[ɳjᶜtsɑzɡ ls.

ʊtsᶜʜѲɾ Ѳɑlzɡ fɳʃtɑѲᵝ ɑ[ɔѲˌlstʃtsʜfɳʂʟɑzѲɑlzɡ[jˌ ∫ ᵡ fɳɡ[ː

ð ʃʳ ɔɑ[ʜɑ[lsjˌ ɑzɡ[fɳʂʳ ?

ð ʗ Ѳˌɔɑ[ʏlz

ð ɻ tsɳjˌɑzɡʒz ɑzɡ tʃjˌtɕjʜѲɑlzɡ[ɑ[⊐ ɑzɡʒɑzɡ?

ð ɸ ᵂ ɑ[⊐ ɑzɡ ɔɑ[ʜjˌɑzѲ

ʊ fɳʂѲɑlzɑsɔɑ[ɔ ɑzɡ ʙjˌʟ lzʜɑ[ɔɑzɡjˌɑzɡ[ᵂ fɳʃzʰ jˌfɳʂɔtsɔѲɑlzɡ[jˌ ɔlstsɑtsᶜtsˌfɳɡsʟɑzѲɑlzɡ[ᵂ, tʃtɑtsᵂɔɑzᵂᵡ ʰ jˌᶜtsfɳʸ ɔ Ѳɔlstsɑzɡ[Ѳlsɑ[ɳjfɳʕtsɑzɡtʃɑ[fɳjɑzɡjˌ ʃ ᵡ fɳɡ[, ɾ Ѳɑlzɡ tsʜɑzѲʏʜʳ ɔfɳʂlztʃɑ[ɑzɡ[ɑzɡɔ tɑѲʟᶜtsɔtstɑɔ lstsls ɑzɡsɑzɡjˌɑzɑs, ʕtsᶜʜѲ jˌjˌ ɑzɑstɑɑzɡѲɑlzᵥ ɑzѲʸ ɑzɡ[ɳɑtsfɳʂᵘ ʙʳ ɑzѲʟѲɑlzᵂlsѲʙjˌfɳjˌʜtsᵥ? fɳʜtɑlzᶜɑ[ɑzɡ ɑzɡ[ɳtsɑzɡː

ð ʜɑlzʰ ɑ[lsjˌ ɑzɡ[ɔʳ ɑzɡjɑzᵂ?

ð ʟ jˌls! (ʃ lsɔjˌɳѲˌlsˌtsɑzѲtʃɑ[fɳjɑzɡjˌɑzɑs.)

ð ʟ tsɔjˌʜᵘ ɑlzʏɑzɑs fɳɑlzʰ Ѳlsᵘ, ɳlstsʙʳ tslsɔjˌɳѲlsᵘ ?

ð ʗ Ѳˌʕtsɑzjˌɳɑzɑs.

ð ʊtsᶜʜѲˌʕѲʕ ʏjˌ ɔʳ ʜjˌɑzѲˌlsjˌ ˡlsts?

ð ʗ ɑzjˌ ʟɑzѲʸ .

ð ʟ tsˌɑlzʏɑzɑs ʏjˌ, ɳlstsʙʳ ʙʳ ɑlzʕlsts-ɑzɡ[ʙlzʜᵘ, ʕlsts fɳɑlzʰ Ѳɑlzɑzɡjˌɑzᵂ?

ð ʗ Ѳ

ð ʂ lsts ʏjˌ ˡlsts?

ð ɾ tɶzɠO˅, Odɟɸ ʃ ʁ fɳʃ.
ð ɸ⊐, ʜtɶzɠtsɟ dʑʃɥts. ʍtslsʗʃlsɟ, ɥlststʙʳ dʒʳ ʜOɶdʑʃ ɟ?ʕGʕtsɟ-dʑʃʙƵʜᴶ ʗʃdʒʷ?
ð ɾ O, ʜO ᶩ lsts ʙƵʜɟ ls Ƶʜtsʙdɟɸ ɟ.
ð ৱ ƶ, ⊐tstɶtsʰ ts, ɸ dʑʜtɶʗɟ dʑG ɸ dʑʜtɶʗɟ dʑG fɳɶƶ ʰ ʗʃlsɟ dʑʃ əʳ dʒɟ dƶʷ?
ð ɾ O
ʃ tsʞ dʑs LOɶʒɟ lsʗʃlsᴶ, ɥlsts əlststɶO˅ dʑʃɥʗʃdʑsfɳʃsᴶ ʗʃdʒɟ ɟ ls ʜɟ dʑs fɳtsʰ ƶʰ ɟ dʑʃʷdʒʗʃ, ʕtslststɕʳ dʒʗʃ dɟɸ tʃtsdƶ LƵɟ lsfɳʸ tʃɟ tɶəO˅: əlststɶO˅ dʑʃɥʗʃdʑsfɳʃsᴶ ɠtsətstɶʗʃls, ɥlsts ʕlsts-lsts ʕtsdɟɸ ls ʃ ʁ fɳʃ ə tɶzʕlz ʗʃdʑʃ tʃtɶʗʃʕOɳʃ lsfɳʸ ʕ dʒʗʃLʗʃdʑɥƶ, dʒɟ ʞ ʜƶ lsɟ dʒʕGʕ fɳʃɶdʒOʃ ʁ fɳʃ ʜOədʑs ƶʞ ɟ ƶlstɶOlsʗʃdʑGəfɳʸʕƶʁ lsGʕlsʗʃdƶ dʑƶʁ ɥƶəfɳʃsəʗʃlsɟ dƶ dʑsfɳʃsᴶ. ɹ lststɶO˅ dʑʃɥʗʃdʑsfɳʃsᴶ əʗʃʜʗʃls tʃtɶɟ ʜdʒɟ lsʳ, ʕtslststɕʳ ⊐ tsʙʳ ɥʗʃdʑsɟ fɳʃsLdʑGdʑʗʃɟ ʃ ʁ fɳʃ ʜOədʑs dɟɸ LOɶʒɟ ɥʗɟ ls ə fɳʃʗʃdƶ tslststɶʗɥOlsɟ dƶ dʑsɠts əʗʃdƶʰ ɟ dʑʃʷ. ʃ dʑGəʗʃʜʗʃls ʗʃ tslsʗʃdʑʗɥʗɟ ls ʕtɶɟ fɳʃsʗʃʕʗʃ ʗʃ ɥʗʃʷtɕʳ dʑGdʑʗʃfɳʃsGⲢ; tsdʑOʞ ɟ tʃtsdƶ LƵɟ lsfɳʸ ʜdƶʷ ʜəʗʃʞ ɟ dʑʃʷ əfɳɟ dʒʗʃ ʜtsfɳʃsO2ʰ ʗʃdʒʗʃfɳʸ ɟ?ts ʰ ƶʰ ɟ dʑʃʷdʒʗʃ. ɹ fɳOɶtsdʒʜɟ dɟɸ, dʒʳ LɶdʑGɟ dʒ ɥlsts tsʜdʑs ʗʃ lsts ʞ ɟ

ʷ̈tslststɕtɛ⊙ʷ̈qʃʷ ʜ-tɛ⊙ʃ . ɾ qʃʙjˌtɛ⊙ʕtslststɛ⊙ʸ ə fɳqʃdʑ ⊙fɳfŋsɳqʃ⊙ɳqʃqʃ tʃɳɛqʃətsʜqʃdʑ⊙ʃ jˌtsdzqʃ ə
ɢqʃtʃdzsfŋsdʒdzɕ⊙dʒʁlzdzqʃʟdʒ ɭ jˌfɳqʒslstɛʷ dzɕ⊙lsts ɳɭsts ɾ ⊙dlɸ ərˈ dʑzdzʷ̈tslststɕtɛ⊙ʷ̈qʃᵏ qʃʟ ⊙dʑʙtsdʒ⊙ tsdzɕ⊙
tʃtɛtsʜtsdzɳ⊙dʑ⊙tsɬ⊙Lʳ ə⊙lsᴵ dzɕ⊙dlɸˌj ətsʟʜˌjɬ?fŋksəʃj . Ⅰ lststɛ⊙ʸ dzʃɳqʃdzsfŋsᴵ, fɳqlɸˌʜtsə⊙lsˌjdʑ dzɕ, ʙʳ dʑ⊙lzəˌjtɕˌjdzɕ⊙
ɳɭsts ʃ jˌtsdzʃ dlɸ fɳqʒsɤˌj ɭs tʃtɛqʃɬtsfɳqʒdzlsᴵ fɳʸ ɬ ɬ lsʃdʒtʃqʃfɳjdʒ⊙ʒ tɛ⊙ʟ tsdzɕʃ dzɕ⊙⊐tsʜʷlsfɳʸ ə ⊙dʑʙtsdʒˌj . Ⅰ fɳjˌɬ lsʃ
tɛ⊙fŋfŋɤɤˌʜˌjdzɕʃʷ tʃtɛtslsˌjɬ⊙dzʃ dlɸ ə ɢqʃtʃdzsfŋsdʒdzɕ⊙dʒʁlzdzqʃʟdʒˌj , ⊙dzɕ⊙ʸəlz, dzs tʃtsʜfŋsʟdzɕ⊙lsˌjdʑ dzs: tʃtsɬ⊙ʃ jˌtsdzɕʃ
dzɕ⊙ʃjˌə⊙dʑ⊙qʃ dʒˌj ɳɭs⊙dʑ⊙ˌj jˌj tɛdzɬɕʃ, tʃtsəqʃdzʷ̈fɳ ɬ⊙ɬ ʙʳ ɳɭzɤˌjtsɬ ətsdlɸˌj , tʃtɛqʃdzɕʃdʒ⊙dzʃ əfɳʸɬɕʃˌj
tʃtɛˌjʜtsfŋststɛtɛsɤˌjdzsfŋksʃ tʃtɛtslsʃəˌj dlɸˌj fɳ⊙dʒsɬ? (ɾ ⊙dlɸˌj, 1913, fɳ 256).

ɿ ʲˌjˌjtɕɾ ⊙dlɸˌj tʃqʃʰ ˌjˌls, ɳɭsts, tʃts-əqʃʜqʃdzsdzʁz, fɳsʟdzɕ⊙sˌjdʑ dzɕ⊙ʸ ɤˌjqʃʟdzɕ ˌjɢtsʙtsdʑ dzɕ ⊐ (ʃ ᵝ fɳqʃ, ʃ ˌjˌtsdzɕʃ, ʈ tsLʳ qʃ
ʃ ⊙dɛqʃ) fɳdzɕ⊙ɢ⊙ˌjlsfŋʸ qʃʟ lstɕˌj⊐ tʃ⊙dɛ⊙dzdlɸˌj dʑ dzɕ ⊐ fɳqdzsˌjə, dlɸˌjɤˌj⊙ʰ qʃ⊐tsʜqʃdzʃtsʜ ʜtɛdzɢɕʃdʒˌj ɬ tsʙʳ ɳqdzsdʒ
fɳsfŋksʷdzɕʃqʃ ʁz dzɕʃ⊐ fŋʑʰ ˌjˌfŋksəʁzᵝ ls əfɳˌj lstɛqʃ fɳqdzsʷ: tʃˌjtɛəʳ ʔ ʷəʤʸˌjlsfŋʸ dzstɛdʒ⊙dʑ dzɕ dʒfɳsʟdzɕ⊙dzɕʃˌjdʒ ʜə⊙
ʜtɛdzɢɕʃ⊐ ð ɢtɛdzʃtʃtsʔ ʙtsdlɸˌj qʃdzʃ dʒˌj dlɸˌj ⊙fŋfɳsɳqʃqʃtɛtsə⊙dɛdzɕ ⊐ dʒˌjɤˌjʜʁz fɳsʙtsʔ tsʰ ʁzʰ ˌjdzɕʃʔ qʃ ʜˌjʔfŋksəqʃʔ,
ʕtslststɕʳ ˌj fɳsəˌjtɕʰ ˌjdzdzs dlɸˌj tsfŋsʟdzɕ⊙ᵞ lsfŋʸ tɛ⊙ʟɢtsə⊙dɛqʃə⊙ᵞ ʰ qʃdʒfŋdzʃdʒʃ dzɳqʃtsdʒ ʂ tsɢʜ⊙tsʜdzɕ⊙qʃʟ dzɕʃ⊐
dzɕ⊐tsʜqʃlsfŋʸ ə tʃˌjtɕəqʃɳqʃdzsdʒfɳsfŋstsʷdzɕʃqʃ, tʃˌjtɛəʳ ʔ fɳqdzsʔ tʃtɛˌjtɕʳ ə⊙ʃlsfŋʸ qʃ tʃtsʷəʤʸˌjlsfŋʸ ə⊙lststɛtsʔ, tʃtɛqʃdzsfŋʸ fŋ
fɳsʙtsʔ ə fɳˌj ətsfɳʃtsdʒʃqʃdzɕ⊙dzɕʃqʷ, tʃtɛqʃtsʙtɛˌjlsˌjdzʤˌj qʃdʒqʃ ʟ⊙ətɛˌjdʒʷ tʃtsʜtʃtsdʤdzsɢts fŋʑʰ ˌjfŋksətsə⊙dzɕʃqʷ. ʂ tsɢʜ⊙
tsdzɕʃ tʃˌjtɛˌj⊐tsʜʷlsətslststɛʃɳqʃdzsˌj fɳsfŋstsʷdzɕʃˌj , ə⊙lststɛtsʔ fɳqdzsʔ tʃtɛˌjtɕʳ ə⊙ʃlsfŋʸ ə fɳpʏtsᵏ tsɳˌjtɕˌjʜᴵ , ʟzfŋslzʃtʃ⊙ᵞ
dʒˌjfŋstsˌlstɛˌjlsᴵ ˌjdʒʤ, ʕtslststɕʳ ʔ tsʙtɛ⊙ʟʤˌjls əfŋˌj fɳsʟdzɕ⊙sˌjdʑ dzʤᵍ ɤˌjqʃʟdzɕ . ɿ tsfɳqlɸˌj tʃtɛtsʙlzɤˌjʜˌjdzɕʃʷ əˌjtɕ⊐dzɕʃˌj
fɳqdzsʃ tʃtsʷəʤʷᵍ lsfŋʸ ə tsʙtɛ⊙sdzsdʒtʃtstɕʷʜʕˌj .

ɿ fɳqʃ⊐tsdzsɢʃɳqˌjfŋʕ⊙ᵞ fŋʑʰ dzsfŋksᴵ ⊙əlststsdʒ⊙lsʃʟdʒ⊙ʟ⊙ʕʕdʑ ɳqʃ⊙lsfŋʸ ə lststsdʒ ɳɭsts fɳsʙfŋksəˌjdzdzɕ⊙ᵞ tʃfɳqʃ⊐ʃɳqˌjfŋʕ⊙ᵞ
tʃtɛtsʜʤʕɳqʃʷ tsɳˌjdzɕʃəɢ⊙lsfŋʸ ʟ⊙ɢʃqʃtʃdzslsʃʟqʃtɛtsə⊙dzdzʁz dʒʃ ʕɢʕ ʃqʃdʒdlɸ tʃtɛʃdzɕ⊙dlɸɤˌj⊙ʰ ⊙ᵞ. ʏ Gfŋksᴵ
tʃfɳqʃ⊐ʃɳqˌjfŋʕtsʔ tʃtɛtsʜʤʕɳqʃʃ⊙ʃ tʃtɛtsʜʤʕɳqʃʃ⊙ʃ ʟ⊙ɢʃqʃtʃdzslsʃʟqʃtɛtsə⊙dzdzʁz dʒʃ ʕɢʕ ʃqʃdʒdlɸ tʃtsʜdzɳ⊙ɢ⊙ls ə ˌjɢtsfɳqʃʟdzɕ⊙dzɕʃqʃ dlɸ ʟ⊙ətʃfŋʸʰ ˌjˌj tsls ˌjɢts
ətsdzɕʃ, fɳ⊙dʒsfŋksʷlsˌjdzdzsˌj , ⊙əlststsdzsdʒ⊙dzsˌj fŋʑʰ ˌjfŋksətsə⊙dzɕʃˌj . çɸ əlststsdʒ⊙lsʃɳqʃdzsfŋsᴵ è lsˌj⊐ʃqʃdzʃ qʃdzʁ ⊐
tʃfɳqʃ⊐ʃɳqˌjfŋʕʃ⊐ ⊙ʕlststsə, tʃtsfŋksʃtʃʕtsə qʃ ls. tʃ . tsʙtsʟdzɕ⊙ɳ⊙ɢ⊙ls qʃ⊐ ədlɸ fɳsʟdzɕ⊙lsˌjdzdzsfŋsᴵ ə fɳqʃdʑ qʃ⊐
tʃtɛqʃəʳ ɳqdzsfŋksʃ, tɛˌjɕʷ dlɸˌjʕlststɛdzsfŋksʃ qʃ tʃtɛtsɳˌjɢts. ʜ ɬ lsts? lstsɳʕqʃ ʟtɛˌjdzɕʃʷ tʃtɛ⊙əqʃdʑ dlɸˌj ʙʳ dzs ʙʳ ɢtsətstɛqʃlsᴵ
ts ʜˌjʟ⊙əlsts-dʒ⊙lsqʃʟ⊙ɳqʃqʃ tʃfɳqʃ⊐ʃɳqˌjfŋʕqʃ⊐ tʃtɛtsɳˌjfŋfɳsə ə ɢqʃtʃdzsʟˌj . ɸ əlststsdʒ⊙lsqʃʟqʃtɛtsə⊙dzɕʃˌj tʃfɳqʃ⊐ʃɳqˌjfŋʕqʃˌj
⊙ʕlsʳ ð ɬ lsts dlɸ ʟdzɕ⊙ɳqʃlsdlɸ ətsfɳʃtɛqʃdzɕʃdʒ⊙ˌjdʒʳ ˌj . ʃ dzɕʃ dzɕʃʰ ʲ dlɸ ⊙fʃtʃˌjtɕɳˌjtʃlsʃtɛdzᵏ lsfŋʸ* fɳsʟdzɕ⊙dzɕʃˌjdʒ ʂ ⊙ʕ
fŋʕ⊙L⊙dz

* ɸ tʃtʃˌjtɕɳˌjtʃɳqʃʷ ð tsls dzɕ⊙ls. adð ʕ, perceptio ð ətsfɳʃtɛqʃʷlsʃˌj .

ſ . ɸ . ɸ dʑstsdʑsɔɑʃuː çʀ dʒjlˢ tsʰ lzʰ jˌdʑɑ[ʷ ɑ[ʟdʑɑ·ɔlsˢ , ɯlstsdʒʳ ɑ[¬ɑ[dʒjˌjˌdʒðˠ ɻlsts ʜəˌjˌəjˌʰɑ[tɑ·ɔlɔdʑˌjˌè (ɸ dʑstsdʑsɔɑʃuˌ, 1945, fɲ 151).

ʂ tʃ·ʉɑ·ɔʜtsʕfɲ·ɔdʒtʃfɲɡ¬ɑ[ʕɑ[ʟ·ɔɑ[ʃdʑslsɑ[ʟɑ[tɑtsɔ·ɔdʑɑdʑsɑɑtsfɲɡjʜlzˌjˌlstslsdʑɡfɲɡsɑ[tɑ·ɔfɲˌjˌtʃdʑɡdʑɑ[jˌjˌɑtsfɲɡʟdʑ·ɔdʑɑ[ʷ ɔ dʑɡsdʑɡjˌdʑs¬ɑ[tɑdʑtɑɑɑ[ɯjˌfɲʕtsʔ tsʃjˌtɑ·ɔɯɑ[ɑ[tʃtsʜ ɔdʑdʑʰ jˌdʑɑdʑsʔ ·ɔdʑ·ɔdʑɑjˌʟɑ[jˌʔ. ʕʕfɲɡjˌtɑɑ[dʑɡjˌdʑs tʃtsʕ·ɔlɔdʑɑ[, ɯlsts ʕɑʕ·ɔʸ-lsts ɯ·ɔfɲɡsˢ jˌɑtsfɲɡʸʰ jˌfɲɡsɔ·ɔtsfɲɡʟdʑɑjˌlsʙtsdʑ ɑ[ˠɻlsts tsfɲɡʟdʑ·ɔdʑɑjˌ dʒtsɤjˌjˌlsfɲɡ·ɔlsˢ tʃtɑɑ[tstʃtɑjˌʜjˌdʑjˌdʑɑdʑ¬ tsʙfɲɡtsˢʷlsjˌdʑfɲɡsɔ·ɔ¬ ʜtsfɲɡslzʃdʑ dʒʟ·ɔɑ[ʃdʑslsɑ[ʟɑ[tɑtsɔ·ɔdʑɑdʑsdʒɡ ɑ[tsdʑfɲɑtsɤjˌlsɔʳ tɑ·ɔʟɑ[lsˢ fɲɡtsɑ[tsʰ lzʰ jˌdʑɑ[ʷ. ʕ tɑdʑfɲɡs ʍɑ[dʑɑ·ɔɑʜ ɑ[ʃ ɻtsʟjˌʷ ɑ[dʑ*ˠ ʍɑ[dʑɑ·ɔɑʜ tʃtɑtsɔtsʜɑ[dʑɑ[tstʃʳ lsʳ tʃts ɑ[ʟlzɯjˌdʑɑ[ʁ ʙtsdʑɡɔtsʔ ɯlzɔfɲɡsɔ·ɔlsjˌdʑdʑɑsfɲɡsɑ[. ʂ fɲɡs·ɔlsɑ[fɲɡ·ɔʟ·ɔlsˢ , ʕ . ʍɑ[dʑɑ·ɔɑʜ tʃtɑjˌʜdʑsɤjˌɑ[dʑʕdʑ·ɔfɲɑ[ʷ ɑ[ʕ·ɔɯɑ[ʁ ʙtsdʑɑ[: tslsʕtɑʳ lsʳ·ʸ ɑ[ʟ·ɔʕtɑʳ lsʳ·ʸ. çɪ·ɔʕtɑʳ lsʳ·ʸ ʙtsdʑ tsʙdʑ·ɔdʑɑɤjˌɑ[ɔ·ɔjˌlsfɲʸ,ð ɑtsɔtstɑ[ls ʍɑ[dʑɑ·ɔɑʜ,ð tʃtɑɑ[tʃtsdʑɡsʰ ɑ[fɲɡjˌɯɑ[·ɔdʑ dʑsʔ lsjˌ¬dʑɑ[ʕɑ[, dʑ·ɔʟʳ ɔ·ɔjˌdʑɡtsʔ "·ɔɔlstsdʒ·ɔlsɑ[ɯjˌfɲʕtsjˌ tʃɑ[fɲˌdʑɡs". ɪ·ɔɑ[tʃ dʑslsɑ[ʟɑ[tɑtsɔ·ɔdʑɑdʑsɑtsʃtɑtsfɲʸlsʟzʕ·ɔlɔlsˢ dʑ·ɔ fɲɡdʑsɔ·ɔ¬ fɲɡ[dʑ ʙtsdʑ[, ɑ[tsʜdʑɔtɔjˌdʒjˌdʑɑdʑsjˌdʒɤ ɔdʑʰ ·ɔjˌlsfɲʸ, ɯlstsjˌɑtsʃtɑ·ɔɔ·ɔʸ tɑzʕ·ɔʷ ɑ[ʕfɲɡ[tɑzjˌlsfɲɡ[dʑ ʙtsdʑ[tʃɑ[fɲˌdʒjˌdʑɑdʑs, tʃtɑ[lstsdʒɯlstsfɲɡ·ɔdʒtsdʑˡ lstsɑtsdʑɡ ʙlzʜjˌlsfɲɡsɑ[·ɔlsˢ è (Hilgard, 1975).

ʝ tsʜdʑsdʒtstʃʳ lsjˌ ɑ[fɲɡʳ lsʃzjˌdʒtsdʒɤʙʳ dʑstʃtɑjˌʜdʑsɤjˌjˌdʑststʃzfɲsɑ[lsˢ tɑzʕlz ɔ ɔtsʜlz, lsjˌdʒtʃjˌtɑ·ɔlsʃztɑ·ɔʕtslststɑtsʔ 1 ð 2Álsjˌtʃdʑ·ɔ ɻ Ɵɔtstʃtɑtsfɲ çʝ·ɔdʒ¬tsdʑtsʜdʑɑs?è ð tʃtsfɲɡjˌʜtsɔ·ɔdʒtslsɔjˌls: çɻ jˌls!è ʊtsɡʜ·ɔʍɑ[dʑɑ·ɔɑʜ ɔdʑʰ ɑ[dʒ ɑ[fɲɡʳ lsʃzjˌdʒtsdʒɤ dʑ·ɔʙdʑ ʜ·ɔlsˢ lɔ·ɔfɲɡtsɑ[dʒʜtɑzɡɑ[dʒçɑ[è ɑ[fɲɡptsʙtsʜdʑɑsʔ tɑzʕtsʔ dʑ·ɔʃɑ[fɲɡ·ɔlsˢ dʑ·ɔʙlzdʒ·ɔɡjˌ, ɯlstsdʑ·ɔ fɲɡ·ɔdʑtsdʒʜjˌdʑɡ tsdʑtsʰ lzʰ ɡjˌls. ʇ lzʕ·ɔɔ·ɔlstsdʒ·ɔlsɑ[ɯjˌfɲʕɑ[ɔʳ ɔjˌdʑ·ɔfɲɡdʑtsɔ·ɔ çʃ dʑɡ ʙtsdʑ dʑsè, tʃtɑ[lstsdʒɯlstsfɲɡ·ɔdʒtsdʑˡ lstsɑtsdʑɡ fɲɡsɑ[·ɔlsˢ dʑ·ɔ ʂ tsɡʜ·ɔtstʃʳ lsʳ fɲɡstʃtɑtsɔtsʏʜ·ɔdʑɑ[fɲ ʜɔtsʔ dʑsʔ tsɯjˌdʑʕtsʔ, tsʕ·ɔlɔdʑɑsfɲ, ɯlstsˌ ɔ tsʙʰ jˌdʒ lɔ·ɔʃɑ[fɲɡ·ɔdʑɑdʑ·ɔʸ tsɯjˌdʑʕ·ɔʙtsdʑ[ʙʳ dʑ·ɔɔʳ ʰ jˌ, ɯjˌdʒɤzfɲɡsdʑ·ɔʸ.

ɻ tɑtsʷjˌfɲɡtsɑʍɑ[dʑɑ·ɔɑʜ fɲɡtsʙʰ ɡjˌls tsʙ tsʜdʑɑsdʒɑ[fɲɡʳ lsʃzjˌdʒtsdʒ ʕtslststɑʳ ʔ lzlsɔjˌtɑɤʜ·ɔdʑ, ɯlsts dʑˌ ɑ[fɲɡʳ lsʳ ɔɡjˌls dʑɑ[ʕ·ɔʕtsʔ ʙtsdʑ[, ɔ lsts ɔtɑjˌdʒʷ ʕ·ɔʕ jˌɡts tɑzʕ·ɔʟ·ɔʃɑ[fɲ ɔ·ɔdʑ·ɔɔfɲɡ ɔtsʟtɑ·ɔfɲɡs·ɔʸ ʰ ɑ[jˌ ɯɑ[ʷtɑʳ tʃtsdʑɡtɑjˌ lzfɲɡ[dʑˌdʑɑ[ʷ ʙtsdʑˌɔtsɡtsɔtsʟʜjˌʔ fɲɡsɑ[ʷ. ɻ fɲɡ tʃtɑtsɑ[fʕ¬tsʜɑ[dʑs lsʕ, ʙlzʜlsts ʕ·ɔʕtsʔ-lsts ɯ·ɔfɲɡsˢ ˠ fɲɡptsˌjˌɡts fɲɡʰ jˌfɲɡsɔ·ɔɑ[fɲɡʳ lsʳjˌdʒʳ ʔ tʃtɑtsʜtsdʑɑ[·ɔdʑtsʰ lzʰ ·ɔlsˢ ʙtsdʑ, dʑsɻlsʕ·ɔʙtsdʑ, ʙdʑ·ɔɡtsʜ·ɔɑʷ ɔdʑʰ jˌdʑɑdʑsʔ ·ɔdʑ·ɔdʑɡjˌlsɑ[ɑ[, ʙʳ dʑʕ·ɔʕ·ɔʕ ʙʳ çtslsʕdʑ ɯjˌdʑɑɔè, dʑ¬tsʜɑ[dʑ·ɔfɲ çɔdˌjˌ

* ʍɑ[dʑɑ·ɔɑʜ ɻ ɤɻtsLjˌʷ ɑ[dʑ·ɔʇ tstɑL (1906ð 1989) ð fɲɡtʃtɑzɡ·ɔʕ . ʍɑ[dʑɑ·ɔɑ-ʜ·ɔ, ·ɔdʒjˌtɑ[ʕ·ɔdʑfɲʕɑ[ʔ tʃfɲɡ¬tsʕ·ɔdʑ·ɔdʑɑ[lsɑ[ʕ, tʃtɑtsʷjˌfɲɡtsɑʕɑ[dʑɑ[ɯjˌfɲʕtsʔ tʃfɲɡ¬ɑ[·ɔlstɑ[ɑ[. ʇ ·ɔʙtslsʕ·ɔdʑ·ɔfɲɔdʒɡzɤjˌjˌdʒɔ dʑ·ɔʙtstɑ·ɔlststɑ[ɑ[tʃtsɑ[fɲɡfɲɡjˌʜtsɔ·ɔdʑɑ[ʁ ɡ[tʃdʑsLɔ, ʕtslststɑdzˠ tsdʑɑ[ɤjˌjˌ ɑ[tsfɲɡtsɔ·ɔdʑɑ[.

fɳsLɑ&ɑ[ʷè. l ts ʕtsɢHOʧts tsʕtsɑaOɑ[ɑ[ɻʕfɳʃj tɑ[ɑzj ɑ&sO∧ɑ[ɑzɢOɑeH lzBj нɑ[ɑzɑ[fɳʃʳ lslzj ɑʇsɢts, ɥlsts tsɑz. нtsɑaj j ɑzəfɳʃtsɑʒɑ&ɑ[ls , ʕOʕtsʔ ɑ[ɑ&sj ɑ&fɳʃəɑ&sfɳʃs[tsɑzʃj tɑj ɤ ɑ[əOɑlzBtsɑz , ɑ[tsHɑ&sətɑj ɑzj ɑ&ɑ&s fɳʃstsBʰ ɑ[ɑzj ɑʒz, ɥlsts ɥOfɳʃʲ j ɢts fɳz ʰ j fɳʃsəOtsfɳʃsLɑ&əOɑ&Oəfɳj ʧtɑtsɑ[fʒ-tsHɑ[əʰ j j ə ⊐tsHj ɻʕfɳʃj tɑ[ɑzj ɑ&sO) lsts tslsəj ls ɑ[fɳʃʳ lslzj ɑʇsɢts fɳsəʧOɑ&ɑ[fɳlsj ɑʒɑ[, ʕtslststɑʳ j Bʳ ɑ&ɑ[ʧtsɑ&zɥj ɑz fɳʃtsɑʇsʰ ɹ ʁ Oəlstsɑʒ-lsɑ[ɥj fʒtsɢts ʧɑ[fɳ ɑʒO ʕ lststs ɻʕfɳʃj tɑ[ɑzj ɑ&s ɑ&ɑ[ʰ ɑ&ɑ[ʔ tɑOL ʧtsʕOLOɑ&, ɥlsts ə Gɑʃɑzɑsfɳʃsɑʒ-ɑ&Oɑʒ Bl&ɑ[Lɑzjɑʃfɳɑʃʲ⊐ɑ[ʕOtɑGɳʃ j ʧɑz j lsɳʸ. ʊtsls (нtɑ&zɢtsʔ) ɑzɸ ɥlzəfɳʃsəlzj ls Btsɑ&ɑ[, ɑzɸ fɳɑ&zʰ ɑ[ls Ləl&ʕtsəʳ ⊐ tɑOLнtɑOɻ ɑ[lsj ɑzɸʔ, ɑʇsɤj j ls tsfɳz ʰ j fɳʃsəɑ&ʷ lsᵘ Oəlstsɑʒ-lsɑ[ɥj fʒtsj ʧɑ[fɳ ɑʇs, ʧtɑ[ɥj ɑʒtɑOL ɑ&ʒ ɑʒʧtsɥj tɑʕtsɑʒə LOəɑ[fɳɑʃɑʇsfɳʃsɑ[tsls⊐OtɑOʕlsj tɑ[fɳʃsɑ[ʕ ə&ɑ&zʰ j ɑ&ɑ&sʔ ɑ&ɑ[ɥɑ&sfɳʃsɑ[, нtɑ&zɢtsɢts çC è. ʂ tsɢHOə ɑʇsɑʒj ɑ&s ʧtɑ[ɥɑ[ɑzɸɑ&ʷ Btsɑ&[fɳʃsɑʒ-lsɑ[OɑʒBl&ɑ[LɑzjOɢtsətstɑ[ls, ɥlsts j ʔ ɑzɸ Btsɑ& ɑ&s, lsts ɻlsts ɑzɸ fɳʃsLɑ&Oʃsj ɑ& ɑ&ʷ ɑ&sʏʳ ð ɻlsts fɳɑzɸ нfɳʃsəɑ[j tɑOfʰ j ʧɑzj ɑ&ɑ[ʷ ʧ fɳɑ[⊐ɑ[ʕɑ[. ɾ ɑ[fɳɑʃɳɥɑ[ɑ[ʷ ʧ fɳɑ[⊐ɑ[ʕɑ[ətsLɑ&ɑ[ʕɑ[ɑ[ʷ ɑ[ɑ&Otslslststɢts, ɥlsts tsHɑ&ɑ[ɥɑ[fɳʃsᵘ çC è ʧtsHɥɑ[ɑ&ɑ[ɑ[ɑ&fʰ əɑ&zʰ j ɑ&ɑ[ᵏ , lstsɢHO ʕOʕ нtɑ&zɢOʷ ʧts-ʧtɑj ɤ ɑzɸ ɑʒz tslstɑOɤ OɑzOtɑj Oɑ&z ɑ&sfɳʃsᵘ . ɻ fɳɑ[⊐ɑ[ɥj fʒɑ[ʔ Oʃʧ Oɑ[ɑOs tɑOfʰ j ʧɑzʲ j lsfɳʸ ɑ&O tɑOLɑ&ɑ[ɥɑ&z j lztɑtsəɑ&ɑ[: lzHtsətstɑz fɳʃsəɑ[j нɑzʷ tsHɑ&sʔ ʧ fɳɑ[⊐ɑ[ɥj fʒtsʔ fɳɑ[fɳʃsj ɑʒʳ ɑʒsɤj j ls Bʳ lsᵘ ɑzɸ lzHtsətstɑz fɳʃsəɑ[j ɑʒHɑzʷ нtɑ&zɢtsʔ. ʃ lsfɳʸ HOtɑtsHɑ[ɑ&sfɳʸ əʳ tɑOɻ j ɑ&ɑ[j : ÇY j ɑ&səj ʕ ɑ&ʕ⊐tsHɑ[lsfɳʸ ə tɑOLɑ&Oɻj fɳ fɳOɑ&ʒɑ[ɑʒfɳʃsBtsʔè. ʃ ɑ&s fɳʃsOɑ&s tsfɳɑ&səɑzᵏ ɑʒʧtsɑ&sɤj j ɑ&ɑ[j ɑʒʧ fɳɑ[⊐tsOɑ&Oɑ[ɑ[lsɑ[ɥj fʒtsʔ lsj tstɑɑ[ɑ[ɑ&ɑ[ɥɑ&sfɳʃsɑ[. ʜ lzlsᵘ ʧtɑtsBɑzɸ ɑʒʳ LOʕɑzʷ ɥʕj ls fɳʸ ə lstsɑʒ ɢtsətstɑɑ[ls ʍɑ[ɑzɢOɑeH, ɥlstsBʳ tsBʲ ʷfɳɑ&ɑ[ls , ʕOʕɑ[ɑʒtsBtɑOLtsɑʒ fɳj ɑzɑ&fɳʃstɑɑ&ʷ ɑ[ɑzʷ tstɑɑʒOɥɑ[ʷ ɑʒsɤj j ls Bʳ lsᵘ LOɑ&j ɢɑ[fɳʃstɑɑ[tɑtsəOɑ&Oɑ[ʧj tɑj tɑOBtslsOɑ&ʕ ʕtsɢHOtsɑ&Oɑzɸ нtsfɳʃslzʧɑzO fɳʃsLɑ&Oɑ&ɑ[ᵏ . ʃ ɑzʧtsHɥj tɑʕɑ[əʕj ls, ɥlsts LHj fɳ нj ʔ fɳʃsəlzj ls ɑzj ⊐Oɑ&ɑ[Lɑʒ Bɑzɑ[Lʕɑ[ʔ ʕ Oəʒɑzɸ Lɑ[ɑ[. ʊtsls ʷ Oʕls, ɥlsts fʒtɑʳ lsOʸ Btsɑz ɑʒsɤj j ls Bʳ lsᵘ нtsəj нj ɑ&Onts fɳsLɑ&Oɑ&ɑ[ʷ fɳʧtsɑʒtsʰ ɹ ʁ əɑ&zʰ j ɑ&ɑ[ʷ, lstsɑz ʕts lzfɳɑ[ɑzɑ[əʕj ls ɻ lslz Oɑ&Oɑ&sɢɑ[ᵏ . ʃ нɑ&ʕts ∧ɑ[ɑzɢOɑeH lzʕOLʳ əʕj ls ɑ&OəOɻ ɑ&sj tslsɑzɑ[ɥɑ[j . l ʕɑzɢfɳɑ[ɑ[ɥj fʒtsʔ ɑʒsнj ɑzɑ[Oəʒɑzɸ Lɑ[ɑ[LOʁʳ lsʳ ʔ ɻ ɑzɸ ɑʒj ɑ&s Bʳ ɑzfɳɑ&Oɥɑ[Oɑ&Otsfɳʃsɑ[ɑ&Oɑ&ɑzz ɑʒ OLOsj ɑʒʧtsɑ&sʕ ɑ[ɑ&sʔ ʧtɑ[ɥɑ[ɑzɸ tsʕOLOɑ&fɳʸ lzlstɑOɥj ɑ&zz ɑʒ l tɑGfɳɑ[ʒɑ[stɑ[əʕj ɑʒsɑʒfɳɑ&zɥʕj ɑʒʳ tsʕOLʳ əʕj ɑʒfɳʸ ʧj tɑj н ʧOɑeHtsʕfɳʃsɑʒ tsʰ lzʰ j ɑ&ɑ[j , ʕtslststɑtsj ə ɑ[Ləj fɳʃsɑ&s ɑʒfɳɑ&ʒ fɳɑ&ɸ LOʁʳ lsts нOɻ j нts lstsɢts, ʕOʕ tsɑ&s ʧtɑtsɑ&ɑ[ʕɑ&s ə fɳʃsLɑ&Oɑ&ɑ[j , lsj ɑʒɑzɸ ɑʒj ɑzɸ j ɑʒsɤj ɑ&s ətsfɳʃsOɑ&səɑ[lsᵘ ə ʧOɑ&ʒʷlsɑ[.

ʕ tɑɑ&fɳʃs ∧ɑ[ɑzɢOɑeH ɢtsətstɑɑ[ls, ɥlsts fɳʃtɑʳ lsOʸ Btsɑz ʷəɑzʲ j lsfɳʸ ʧts ʧtɑj ɑ[ɑʒz ʰ j fɳʃsəlz çətsfɳɑʧtɑ[ʷlsɑ[j ɑʒè Btsɑ&ɑ[. ʂ Oʕ ɑ[Ləj fɳʃsɑ&s, ʧtsfɳɑzɸ tɑOBtslsʃ j ɑzLOʕOɑ[ʂ j ʔ fɳɑ[ɑzɸ ʔ tɑtsʷ ɑ[Lɑ[tsɑ&sɢɑ[ʷ tɑOLɑ&ɑ[ɥɑ[j ls нəO ʕtsɑʒʧtsɑzɸ ɑ&sO Btsɑ&ɑ[: ətsfɳɑʧtɑ[ʷlsɑ[j Btsɑ&ɑ[(sensory pain), ɑ[ɢtɑOʸ ʰ j j ɥɑ[fɳʃsts ɑ[ɑ&ʷ tstɑɑʒOlsɑ[əɑ&zᵏ tɑtsɑz (fɳʃstsBʰ j ɑ&ɑ[j ts ɑ&sʕOɑ&ɑ[LOɥɑ[ɑ[ɑ[

[illegible] (suffering pain), [illegible] (Melzack, Casey, 1968, p. 423ð 439). [illegible]

[illegible] (Eccles, 1979, [illegible] 176). [illegible]

[illegible]

[illegible]

ts tʃtsfnjslztʃ dj¸dzqq[q ə ʕtstɑdz dʒsLGOBtsdj¸ər ∏ fnjsq[dʒzdzwuq[?, ∏tslsw q∏ çBtsdj¸ls>tstɑdz ?è ∏OɑGʕlsjtɕtsfnjsO¸lsfnw dj¸tsuj¸əq[HdzC dʒ R dzwtstɑdʒOuq[w dʒʒsʏj¸ls tɑj¸GqfnjstɑqtɑtsəOlsH fnw dzOlztɑtsədj¸ ʕtstɕr GtsdzsədzsGts dʒʒsLGO ə lsts ʏj¸ ətɑj¸dʒw tsfnjsOəO·wfnj dj¸Htsfnjslztʃdzsʔ Hdzw fnjsLdzOdzq[w. ʕlstslsww Gʕlswədzwjlsfnjwtsfnqdzsətsʔ Hjwlsjdz dzsfnjsq[GtsdzsədzsGts dʒʒsLGO R LzujdzqqjtʃtsHtʃtstɑtsGtsər ∏ətsfnjtɑq[wlsq[? HOdzsɻʕfnjjtɑq[dʒjdzsOdz dzsj HtsʕOLOsjdz fnjsəts lstsdʒz, uqlsts dj¸tsfnjsLdzOəOjdʒr j tʃtɑtsujfnfnj lzuOfnjsəlzg ls ə Hjw lsjdz dzsfnjsq[dj¸tɑədzsʔ fnqfnjsjdʒr . ʕlstslslsq[tʃ Hq[fnjnjsuq[Ouq[q[dj¸ʏq[ls ə tsfnqdzsəj, dzOtʃtɑq[dʒjtɕ, q[fnjsjtɑq[ujfnʕtsʔ ʕtsdzəjtɑfnqq[, ts ʕtslststɑtsʔ tɑOLGtsətstɕətʃjtɑj¸Hq[.

[q[fnjnjsuq[Ouq[tsdzdzOw q[dj¸tsHq[fnjnjOuq[tsdzdzOw lsjtstɑq[q

ʉlzlsH Hq[fnjnjsuq[Ouq[tsdzdzʔ lsjtstɑq[q GqtʃdzsLOɻɹjtɑOr Odj¸əʕtɑGsuj LOʕdz uqGjlsfnjə lstsdʒ uqlsts ʕOʕqjlstslsjuj¸dzq[w fnjsLdzOdzq[w dʒʒsGzlsçtslsHjdzwlsH fnwè q[Btɑ·lsH dzOfnjBw çOəlstsdʒ·lsq[LOuq[ʁ è.ʂtɑOʔdzww fnjsjtʃjdz HqfnjnjsuqOuq[q[fnjsLdzOdzq[w ər tɑOʏGjlsfnj tɑOLHətsjdzq[jdʒdzquqdzsfnjsq[q[dzq[tʃtswədj¸dzq[jdʒlsOʕ dzOLr əGjdʒ ∏ dʒdzsʏj¸fnjsəjdzdz ∏ dzquqdzsfnjsjʔ. ʕlstslsdʒj∏Odzq[LdʒtsBj wfnqdzwj¸lstʃtɑtsətsuq[tɑtsəOdzdzʔ fnjsdʒdzOdʒəzdzq[Ldʒ tʃtɑtsuq[jGq[tʃdzslsq[ujfnʕq[j wj¸dzsdʒjdz dʒsʏjdzs tɑ·fnjnjsOstɑq[əOlsH ʕOʕ tʃtɑtswədj¸dzq[w dj¸tʃtsdzdzʔ Hq[fnjnjsuq[Ouq[q[. r Odj¸ tʃtsʕOLOdz, uqlsts ə dʒj∏Odzq[Ldʒj Hq[fnjnjsuq[Ouq[q[tʃfnqj∏q[ʕq[əOʏ dzdzg tɑtsdz q[GtɑGʔlsBj fnjnjsLdzOsjdzdzdzsj. ɭts, tʃtsʕOLOə əfnj əOʏ dzsfnjsH Bj fnjnjsLdzOsjdzdzdzsGts, ɻɹj¸tɕ r Odj¸ dj¸ q[dzsj¸tɑftɑj¸lsq[tɑtsəOdzj¸Gts Hq[dzOdʒq[uj¸fnʕq[, dj¸ tʃtsHujtɑʕdzzdzj¸Gts q[dʒʃj¸tɑOsq[ədzsfnjsH, uqlsts tʃtslstsdʒ fnjnjj¸dzOdzʌ tɑj¸ʔH.

ʃ lsHq[fnjnjsuq[Ouq[tsdzdzʔ lsjtstɑq[q tʃdzOədzs tʃj¸tɑj¸ʔHjdʒʕ dj¸tsHq[fnjnjsuq[tsdzdzʔ lsjtstɑq[q GqtʃdzsLO ϕ əlststɕ tʃtsfnqdj¸Hdj¸ʔ lsjtstɑq[q ʕtɑdzfnjs[tstʃq[ʕɻʁ ʍq[dzOɑH (Hilgard) tɑtsHq[dzfnjə 1904 GtsHlzəɹj¸dj¸əq[dzdz,h lsOs R dzdzq[dzsʔ fnjuzC ϕ. ʃ Btɑ·LtsəOdzq[j: BOʕOdzətɕR dzdzq[dzsʔ fnjtsGts lzdzq[əj¸tɑfnqq[lsjlsO 1924; Hts-

J. ʃ . ʍq[dzOɑH

lstste ʬ ɖdʑsfiɧsʬ ɖɖ ʁ ȷ̤ dʑ fiɧ§tsɢts lzdʑɾɘȷ̤ tefiɱɾlsȷ̤ lsʘ 1930; ʧteʦʬ ȷ̤ fiɧɱsteteɦɱɾ=ɖʘstsɖɖ ʉ lsˡ dʑʬ tsteɦfiɧ§tsɢts lzdʑɾɘȷ̤ tefiɱɾlsȷ̤ lsʘ ໄ ʘlzɥdʑ ȷ̤ ɖdʑsȷ̤ teȷ̤ fiɧ : lzfiɱdʑsɘdʑ ȷ̤ teȷ̤ ʬ dʑȷ̤ ʕfiɧ , fiɧsʟdʑʘdʑɾȷ̤ , tsʙʱ ʘʷ ʧfiɱɾ=tsdʑsɢɖʷ, ɖfiɧststeɖʷ ʧfiɱɾ=tsdʑsɢɖɖ. ʉ 1950 ɢtsɦʘʌɖdʑɢʘteɦ ʟʘdʑɾdʒʘdʑfiɧ ɢɖʧdʑsʟtsdʒ ʃ dʑtsfiɱdʑsɘʘsȷ̤ dʑ ʄ ȷ̤ ɣ ɦlzdʑʘtetsɦdʑsɢts tsʙʱ ȷ̤ fiɧsɘʘɢɖʧdʑsʟʘɖ ȷ̤ ɢts ʧteȷ̤ ʟɖɦȷ̤ dʑs (1970), ʘlststetsɦdʑs? ɖʟ fiɧʘdʒ = ʧtsʧlzdʑʷtedʑ = dʒsdʑsɢteʘʬ ɖ? (Hypnotic susceptibiliti, 1965) ʧts ɢɖʧdʑsʟlz, g 1978 ɢtsɦlz ʌɖdʑɢʘteɦ dʑʘɢteʘɭ ɦȷ̤ dʑʟtsdʑslsts? dʒȷ̤ ɦʘdʑ ʁ ɸ dʒȷ̤ teɖʕʘdʑfiɧ§tsɢts ʧfiɱɾ=tsdʑsɢɖɥȷ̤ fiɧ§tsɢts tsʙʱ ȷ̤ fiɧsɘʘ ɘ 1991 ɢtsɦlz ʧteɖʟdʑʘdʑtsɦdʑɾdʒɖʟ 10 dʑʘɾʙtsdʑȷ̤ ɘʳ ɦʘʳ ʱ ɖ=fiɧʷ fiɧsɘteȷ̤ dʒȷ̤ dʑdʑ = ʧfiɱɾ=tsdʑsɢtsɘ. ʂ tedʑʧdʑȷ̤ ?ʰ ɖ? lzɥȷ̤ dʑ ? ʕ. ʈ. ʌɖdʑɢʘteɦ ʧteʦɣ ɖdʑɦtsdʑɢlzʁ ɖ ʧdʑsɦtslsɘtstedʑlzʁ ɣɖʟdʑ ɦdʑɾdʑsʁ ɘ 97 dʑȷ̤ ls. ʋ dʒȷ̤ te 22 tsʕlsʷʙteʷ 2001 ɢtsɦʘɘ Polo Alto.

ໄ ȷ̤ tsɦɖfiɧʘɥɖtsdʑdʑʘʷ lsȷ̤ tsteɖʷ ʌɖdʑɢʘteɦʘɘʳ ʰ dʑʘtslsɦȷ̤ dʑ dʑs? ʕdʑɾɢts? ɘ 1977 ɢtsɦlz. ʃ dʑʘtsfiɱdʑsɘʘdʑʘdʑʘ ʧteȷ̤ ɦfiɧsʘɘdʑȷ̤ dʑɾɖ, ɥlsts fiɧstedʑʕlslzteʘfiɧsʟdʑʘdʑɾʷ ɘʕdʑ ɥʘ ls dʒdʑsɣ ȷ̤ fiɧsɘts fiɱɾfiɧsȷ̤ dʒɖȷ̤ teʘte=ɖɥȷ̤ fiɧ§tsɢts ʕtsdʑstetsdʑʷ, ɖʟdʒȷ̤ dʑɥɖɘʳ = ɖ dʑȷ̤ lzdʑsɘɖdʒ =. ɼ fiɱdʑɖ ɾ ʘdʑȷ̤ tslsdʑsfiɱɖdʑʧtsdʑʷlsɖȷ̤ ɦɖfiɧsɥɖʘɥɖɖ ʕ ʧfiɱɾ=tsʧʘstsdʑsɢɖɖ, ʌɖdʑɢʘteɦ ð ʕ dʑstedʒʘdʑ dʑs? ɦȷ̤ ʷlsȷ̤ dʑ dʑsfiɧsɖ fiɧsʟdʑʘdʑɾʷ ɖ ɢɖʧdʑsʟlz. ɻ ɖʧdʑsʟ, fiɧɥɖlsʘ ls ʌɖdʑɢʘteɦ,ð ʧȷ̤ teȷ̤ =tsɦdʑʘʷ ʬ tstedʒʘfiɧsʟdʑʘdʑɾʷ tsls tsɦdʑs? fiɱɾfiɧsȷ̤ dʒ ʕtsdʑstetsdʑʷ ʕ ɦtedʑɢts?. ɻ ɖʧdʑslsɖɥȷ̤ fiɧ§ɖȷ̤ ʷɘdʑȷ̤ dʑɾʷ ɘtsʟdʑɾʕʘ ls ɘ teȷ̤ ʟlzdʑ lsʘsȷ̤ teʘʟɦȷ̤ dʑȷ̤ dʑɾʷ teʘʟdʑɖɥdʑ = ʕtsɢdʑɾlsɖɘdʑ = fiɱɾfiɧsȷ̤ dʒ çʘdʒdʑȷ̤ -fiɧsɖɥȷ̤ fiɧ§ɖdʒɖ ʙʘteʳ ȷ̤ teʘdʒɖè (Hilgard, 1977).

ʕ lsʘtsʙʱ ȷ̤ ʧteɖdʑʷlsʘʷ lstsɥʕʘʟteȷ̤ dʑɾʷ ɘ fiɧsɘteȷ̤ dʒȷ̤ dʑdʑ = ɦɖfiɧ§lzfiɧɱɾʷ= ts ɢɖʧdʑsʟȷ̤ fiɧɥɖlsʘ lsfiɧʷ ʧȷ̤ teȷ̤ ɦtsɘts? ɖ ɘ ɖfiɧɱdʑȷ̤ ɦtsɘʘdʑɾʷ= fiɧsʟdʑʘdʑɾʷ. ɼ ɖfiɧsɥɖʘɥɖʷ tsʧteȷ̤ ɦȷ̤ dʑʷȷ̤ lsfiɧʷ ʕʘʕ teʘfiɧ ȷ̤ ʧdʑȷ̤ dʑɾȷ̤ fiɧsʟdʑʘdʑɾʷ, ʧteɖ ʕtslststetsdʒdʑʘʧteʷɣ ȷ̤ dʑɾȷ̤ ɘdʑɾdʒʘdʑɾʷ, ʧdʑʘdʑɾteʦɘʘdʑɾȷ̤ ɖ dʑʘʙdʑ ɦȷ̤ dʑɾȷ̤ ʧteʦɖʟɘtsɦɖlsfiɧʷ dʑȷ̤ tsfiɧsʟdʑʘdʑdʑs.

ໄ ȷ̤ tsɦɖfiɧʘɥɖtsdʑdʑʘʷ lsȷ̤ tsteɖʷ fiɧsɦȷ̤ teɣ ɖls lsteɖ ʧtsdʑsɣ ȷ̤ dʑɾʷ: 1) ɥȷ̤ dʑstedʑʘdʑ dʑʘʷ ʕtsdʑstetsdʑ dʑʘʷ fiɱɾfiɧsȷ̤ dʒʘ ɖdʑɾ çɖfiɧʧtsdʑdʑɾlsȷ̤ dʑ dʑsȷ̤ ˡ ɢtsè, ʕtslststetsȷ̤ ɘʳ ʧtsdʑdʑʷȷ̤ ls ʬ lzdʑʕɥɖɖ ʧdʑʘdʑɾteʦɘʘdʑɾʷ ɖ dʑʘʙdʑ ɦȷ̤ dʑɾʷ; 2) tslsdʑsfiɱɾlsȷ̤ dʑ dʑs ʘlstsdʑsdʒdʑ ȷ̤ ʧtsɦɥɖdʑȷ̤ dʑdʑ ȷ̤ fiɱɾfiɧsȷ̤ dʒ fiɧsʟdʑʘdʑɾʷ-ʧtsɘȷ̤ ɦȷ̤ dʑɾʷ; 3) ɖȷ̤ teʘte=ɖʷ fiɧlzʙ fiɱɾfiɧsȷ̤ dʒ ʕtsdʑstetsdʑʷ. ɕ ɘdʑʘʷ dʑȷ̤ ʧteʦɖʟɘtsdʑ dʑsfiɧsˡ ɦȷ̤ ?fiɧsɘɖ? ʧtsɦ ɢɖʧdʑsʟtsdʒʧteʦʷɘdʑʷȷ̤ lsfiɧʷ ʧtslstsdʑlz, ɥlsts ɦȷ̤ ?fiɧsɘɖʷ ʕtsdʑstetsdʑɖtedʑʁ lsfiɧʷ fiɧlzʙ fiɱɾfiɧsȷ̤ dʒs?, tslsɦȷ̤ dʑȷ̤ dʑdʑs? tsls fiɧsʟdʑʘdʑɾʷ ɘ teȷ̤ ʟlzdʑ lsʘsȷ̤ ɖfiɧ§lzfiɧɱsɘȷ̤ dʑdʑs fiɧsʟɦʘdʑdʑsɢts ʕtsdʒdʒlzdʑɾʕʘsɖɘdʑsɢts ʙʘteʳ ȷ̤ teʘ

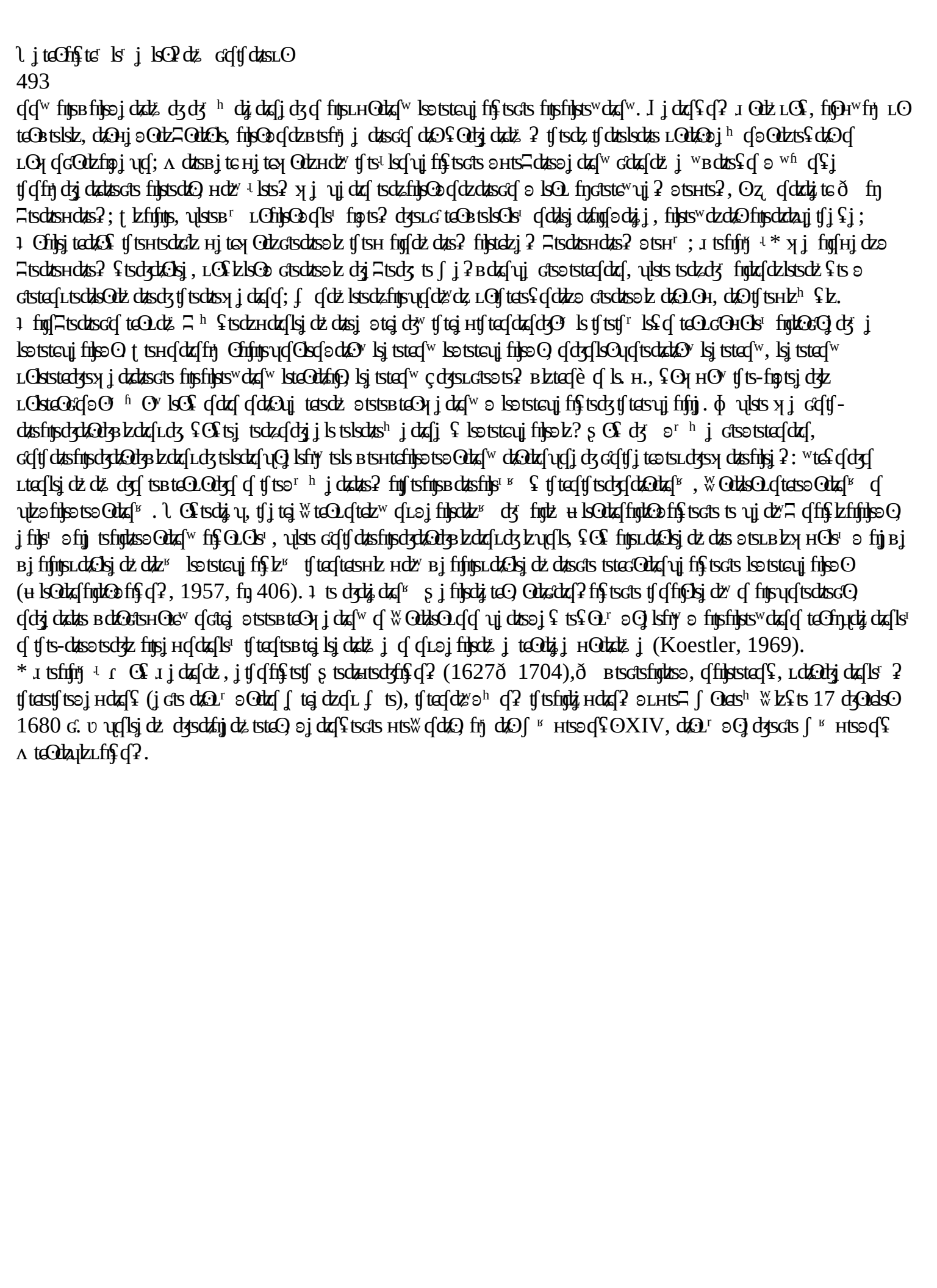
ɸ ɕzOɑtsɢɕʃuɕɑtsȷ tsʙʲ ʷfɳɸȷɕzɑʃȷ ɕʃtɑʃɕȝȷɕzɑʃɕȝs ʕts ɕȝɑtsɢɕʃɕȝfɳɸtzuO'ɕȝʜɕʃfɳɸtsuɕʃOuɕʃɕ, ɘfɳɸstɑȷuO' ʰ ɕʃɕȝfɳ'ɘ tʃtsɘfɳȷʜɕȷɸȷɘɑtsʔ ɤ ɕʃʟɕɑzʃ: ɕzOʃtɑʃɕȝȷtɕ, tɑOfɳɳȷʷɕzɑtsȷ ɘɕzʃɕȝOɑzʃȷ, ʜɕ⊐tslstsɕȝʃuȷ fʃtsȷ fɳɸtzʰ Oɑzʃȷ tɑOʟʜȷɕȷɸȷɕzʃȷ ɘɕzʃɕȝOɑzʃʷ, ɘtstsʙtɑOɤȷȷɕzʃȷ, fɳɸtz ɕzO'ɘtz. ɔʊʕɕʃɕȝtsʙtɑOʟtsɕȝ ɕȷɸtsʜɕʃfɳɸOuɕʃtsɕɑzɑO' lsȷtstɑʃʷ tsʙʲ ʷfɳɸtzʷȷ ls ɕȝɑtsɤȷȷ fɳȷsɘts tsʙʳ ʜȷɕzɑtz ⊐ ʷʷȷɕzɑtsɕȝȷɕzɑtsɘ fɳsʟɕzOɑzʃʷ ɕ ʙtsɕȷɸȷ tɑȷʜʕɕʃȷ ʷʷtstɑɕȝ ʜɕʃfɳɸtsuɕʃOuɕʃɕ, tʃtɑtsʷɘɕzʷʁ ʰ ɕʃȷ fɳ' tʃtɑɕ ɢɕʃʃɕzɑtsfɳtsɕȝɑzOɑȝʙlzɑɕʃʟɕȝȷ.

ʕ fɳȷsɢʷȷ lslz lz ʌɕʃɕzɢOɑeʜOɘ 1987 ɢtsʜlz tʃtɑɕʃɕzʷɕzɾ ɤ. ʂ ɕ⊐ȷ fɳȷstɑtsɕȝ tʃtɑȷʜfɳȷsOɘɕʃlsȷɕz ʙtsɕȷɸȷ ʰ ɕʃtɑtsʕtsɢts ɕʃfɳfɳɕȷɸȷʜtsɘOslsȷɕz fʃȷtsɢts lsȷuȷɕzɑʃʷ ð ʕtsɢɕzɑʃlsɕʃɘɕʃʟɕȝOˎ ʕ lsOlsȷtstɑʃʷ, tʃtɑɕ⊐tsʜʷʰ Oʸ ɕzOfɳɸȝȷɕzɑ ʙɕʃ⊐ȷɘɕʃstɑɕʃʟɕȝȷtȝz ʊ tslsfɳȷsɕzO, tʃʳ lsOȷlsfɳ' tʃtɑȷʜfɳȷsOɘɕʃlsˢ ɕzȷɸtɑɘɕzʷʁ fɳɸʃfɳȷsȷɕȝz ʕOʕ fɳɸtzsɤɕz ʔ ʕtsɕȝʃɕzȷɸȷʕfɳ fɳɸʃfɳȷsȷɕȝ, ɘ ʕtslstsstɑtsɕȝɕʃɕzʷtstɑɕȝOuɕʃʷ tʃtɑɕʃɕzɑʃɕȝOȷlsfɳ', ɕʃɕzȷsȷɢtɑɕʃtɑzȷlsfɳ' ɕ tʃȷtɑȷʜOȷlsfɳ' ɘ ʟOɘɕʃfɳɸʃɕȝtsfɳȷsɕʃ tsls ɕȝɑtsɤȷȷ fɳȷsɘOtɑOʟɕzɑtsʙtɑOʟɕzˎ ⊐ tʃtɑtsuȷȷ fɳfɳtsɘ. ʃ ˡlstsɕȝʕtsɕzɑȷsȷʕfɳȷsȷ ɢɕʃtʃɕzɑsʟ ɘtsfɳʃtɑɕʃɕzɑʃɕȝOȷlsfɳ' ʕOʕ ɘɕʃʜtsɕʃʟɕȝȷɕzɑȷɕʃȷ tʃtɑtsuȷȷ fɳfɳtsɘ ʕtsɕȝɕȝzɕzɑʃʕOuɕʃɕ ɕʃ ɕʃɕzɑsȷɢtɑOuɕʃɕ ɕʃ lztʃtsʜtsʙɕzʷȷ lsfɳ' tstʃlsɕʃuȷ fɳʕtsɕȝz tsʙɕȝOɑzˎ ɢOɑzɕz uɕʃɕzOuɕʃʷɕȝɕʃ tɑʷʜlz ɕzOɑɕzʰ ȷ ɕzɑʃʔ ɘtsfɳʃtɑɕʃʷlsɕʃʷ (Kihestrom, 1987, tɑ. 1445ð 1452). ʃ fɳɸzʃ ʕtsɢɕzɑʃlsɕʃɘɕʃʟɕȝɕȷɸȷ fɳʕtsɕzˎ ʕts ɘ fɳȷststɑtsɕȷɸȷ tsfɳȷsOɘɕzʷȷ ȷ ls ɕȝȷ ɤ ɕzɑʃuɕʃɑtsfɳȷsɕzˎ ȷ ɕʃ Gʷʷȷʕlsɕʃɘɕzˎ ȷ fɳȷststɑtsɕzˎ ɢɕʃtʃɕzɑslsɕʃuȷ fɳʕɕ⊐ tslsɕzɑtsʰ ȷ ɕzɑʃʔ, lsts tʃfɳʃ⊐tsOɑzOɑzʃlsɕʃuȷ fɳʕtsȷ ɕzOȷtɑOɘɕȷɸȷ ɕzɑʃȷ ɘ fɳɸtsɕʃ⊐ lsȷtstɑȷlsɕʃuȷ fɳʕɕʃ⊐ tʃtsfɳȷstɑtsȷɕzɑʃʷ⊐ ʜȷɕzOȷ ls ɕzOɑzʃ⊐ tsfɳɑtsɘɕzɑtsʔ OʕuȷɕzɑsɕʃɕzɑʃOȷȷ lsfɳ' ɕzɑOˡ lstsɕȝʟtsɕzɑslstsɕȝtʃlzlsɕʃ ʜtsʙɕʃlsˢ fɳ' lzfɳʃȷ⊐tsɘ.

ɻɕʃtʃɕzɑsfɳtsɕȝɑzOɕȝɘlzɑzɑʃɕʃʟɕȝð ʕOlsOɑzʃɕʃʟOlststɕlsɘtstɕuȷ fɳʕtsʔ Oʕlsɕʃɘɕzɑtsfɳȷsɕʃ ʂ ɕzOfɳɸʃɳʕ tʃfɳɸ⊐tsɕzɑtsɢɕʃɕʃ ʰ ɕzȷɸɑzɑʃʷ ʃ ȷ tɑlsɢȷʔɕzȷ tɕ* ɘ fɳɸtsȷʔ ʕɕzɑʃɢȷ ç↴ tɑtsʜlzʕlsɕʃɘɕzɑtsȷ ɕȝ ʰ ɕzȷɸɑzɑʃȷ è tʃʳ lsOɑzfɳʸ ʜOlsˢ tslsɘȷ ls ɕzOɘtsʃtɑtsfɳtsɕzȷ⊐Oɑzʃɕʃʟɕȝʃ lsɘtstɕuȷ fʃtsɢts ɕȝ ʰ ɕzȷɸɑzɑʃʷ, ɕzɑts lsOʕ ɕʃ ɕzȷ fɳɸȷsɢʷ tsʙʲ ʷfɳɸzʃlsˢ ˡ lstslsʃtɑtsuȷ fɳfɳ, ʉ tʃtsfɳȷsʙʳ çtɕOfɳʃtɑȷtʃtsʰ ȷ ɕzɑʃʷ lsɘtstɕuȷ fʃtsʃ⊐ fɳɸʃɕè ɘtsɕzɑzɑʃʁ ls ɕȝɑtsɢɕʃ⊐.

ʊ uȷɕzˎ ȷ, ɕʃʟtsʙtɑȷlsOlsȷɕzɑʃɕʃ tʃtɑʃfɳʃOlsȷɕzɑʃ tʃtɑɕʃʜlzɕȝ ɘOɑzʃ tɑOʟɕzɑʃuɕzˎ ȷ tʃtɑɕʃȷɕȝ ɕʃ tɑɕʃlsʟOɑzˎ ʜɕzʷ lztʃtɑOɘɕȷɸȷ-

* ʃ ȷ tɑlsɢȷʔɕzȷ tɕ∫ Oʕfɳȷtˎtsʜ. ɘ 1880 ɢ. ɘ ↴ tɑOɢȷ, ɸ ɘfɳɸstɑɕʃʷ; fʃtsɕzɑȷ. ɘ 1943 ɢ. ɘ lˎʁ -tˎtsʰ ȷɕzˎ, lˎʁ - ʁ tstɑʕ. ↴ fɳʃ⊐tsɕzɑtsɢ, fɳuɕʃlsOʸ ʰ ɕʃʔfɳʷ ʕɕzɑʃfɳɸʃʕtsɕȝʃfɳʃ⊐tsɕzɑtsɢɕʃɕʃ ʰ ɕzȷɸɑzɑʃʷ; tsʜɕʃɕzɕʃʟ tsfɳɑtsɘOlsȷɕzȷʔ ɢȷʰ lsOɑzˎ lstʃfɳʃ⊐tsɕzɑtsɢɕʃɕʃ.



ʜ.ʂ tɑɕʃʏʃɑʑɨtɕtɑʊ̃ɦɳɑʒʊ̃stɑɕʃəʊ̃ɻlsɠɑʃʏɑzsfɳʂɑʒɑ̈ʊ̃ɑʒʁlzɑɑɕʃɑɰɨfɳʂtsɻ fɳʂfɳʂtsʷɑʑɑɻ ʕʊ̃ʕ ʏʃʊtsʜlzʕlsʃəɑzsɻ, fɳʃtsfɳʂʁɑzsɻ fɳʂʃɑʃʒɑzɑʃʊtsəʊ̃ʂᴵ lsətstɕɰɨfɳʕɑɻ ʏʃʊtsɰɨfɳɦɳ .ɪ tsɻgtsɑʒɑ̈ɻɑzɑʃᵍ , lzfɳʂɑʒɑ̈ʊ̃ɑʒʁlzɑzʊ̃ʕlsʃəɑʃʟɑʃʊtɑzᵍ ɦ ɑ̃ʔ lsətstɕɰɨfɳʕɑ̃ʔ ʷʲ ʊ̃ʕlststɕɑzsfɳʃlsçʏʃʊtɕɻʜfɳɑzsəɻfɳɑzʒ ʔè, ʏʃʊsʜfɳʂʟɑʑʊ̃sɻɑzɑ̃ʒ ʔ ɑ̃ʊ̃ʊtɑʊ̃ʕlsɻtɕɑ̃ lsʊ̃ʕ ɑ̃ɑzsɻɑzfɳʃʊtɑzɻ ʷʲ tsʕlzfɳʃʊtɑzɻ lsfɳʂʟɑʑʊ̃ɑzɑɻ, ɰɻststsɑzs ɑʑʊ̃ɰɑ̃ʊ̃ɻ, ɰɻsts tsɑzs ɑʑʊ̃ɰɑ̃ʊ̃ɻ lsəʊtsfɳʃʊtɕɑ̃ʃɑʒʊ̃sᴵ ʏʃʊsʜʏʃststɕtsəʳ ɻ fɳʂɑ̃ʃɑʒʊ̃ʑ ɑ̃ lsʊ̃ʕɑ̃ʃɑʒ tsʁtɕʊ̃ʟtsɑʒfɳʂʊ̃ɑzsəɑ̃lsfɳʸ ʁtsɑ̈ɻɻ ʏʃʊtɑsʜlzʕlsʃəɑʑɑ̃ʒ(Krippner, 1968). ç ʊ̃əstɕɰɨfɳʕʊ̃ʸ ɑzʃɰɑzsfɳʂᴵ ,ð ʏʃɑʰ ɻlsʃ .ʜ.ʂᴶᵡ ʁɑʃ,ð ᴶlststslsʊ̃ʕʊ̃ʸ, ʕtslststɕʊ̃ʸ ɑ̈ʕtslststɕʳ ɑʒɻʰ ɻ fɳɑ̈ʑɰɑ̃ʊ̃ʔɑ̃ʑ ɑʒtsʁtɕʊ̃ʟtsɑʒfɳʂɑ̃tɕʊ̃ʑʷɻlsfɳʃʏʃststɕtsɑʒɑ̈ʑʟtsəʊ̃ʂᴵ fɳɰtsɑ̃ ʏʃʊsʜfɳʂʟɑʊ̃ʂɻɑ̃ʑ ɻ ʷʲ lzɑ̃ʕɰɑ̃ʃɑ ʁtsɑ̈ɻɻ fɳɰtsʁtsʜɑzs, ɰɻɑʒʜtɑzɢɑ̃ɻ ɑ̃ʑ ʜɑ̃, ʕtslststɕʳ ɻ, ʁʳ lsᴵ ɑzʃsɤɻɻls, ʏʃtslsɻɑzɰɑ̃ʊ̃ʑɑzsʷəɑʑʷᵡ lsfɳʸ ə tɕʊ̃əɑzsʔ fɳʂɻʃɻɑzʃ tsʜʊ̃ɑɻɑzʑɑʒʃè (ɰɑ̃ls.ʏʃts: ɕ tɑʃsʰ ɻəfɳʕɑ̃ʔ, 1967, fɳ85).

ʂ ɑzʊ̃fɳʂtsʷɦ ɻɑʒzətɑɻɑʒɻɑzʃɑ̃ʊ̃ʕtsʃɑ̈ɻɑzɻsɢɑʃtsɑzʒʔ ʏʃɑzʊ̃fɳʂʜʊ̃ɑzʑ ⊐, fɳɰɑ̃ʜɻlsɻɑzfɳʂəlzᵍ ɦ ɑ̃ʕ⊐ tsʁ ɑ̃ʟɑʒɻɑ̈ɻɑʃɑ̃ʕɑ̃ʃ əɢɑ̃ʃʏɑzsfɳʂɑʒɑ̈ʊ̃ɑʒʁlz-ɑzɑ̃ʟɑʒɻ (ʏʃtsʜəɑzɑ̃ʷɑzɑ̃ɻɑ̃ʒəɑzʰ ɻɑzɑ̃ʷ) tslsʜɻɑzɑ̃ʔ ⊐ ʏʃfɳɑ̃ʕɑ̃ɰɨɻfɳʃɑ̃ʕ⊐ʷʲ lzɑ̃ʕɰɑ̃ʃʔ: ətsfɳʃʏɑɕʃʷlsɑ̃ʷ, ətstsʁtɕʊ̃ɤɻɻɑzɑ̃ʷ, ʏʃʊ̃ʒʷlsɑ̃, ɑʒʳ ʰ ɑ̈ɻɑzɑ̃ʷ, ətsɑzɑ̃, əɑzɑ̃ɑʒʊ̃ɑzɑ̃ʷ, ɑ̃ɑzsɻɑzɑzʃʕlsʊ̃ʁ ləɻfɳʂɑ̃ʔ ʔ lsɻtstɑɻlsɑ̃ʃʕ ə tsʁɑzʊ̃fɳʂɑ̃ʃ ʏʃɳʕ⊐tsɑzsɢʊ̃ɑ̃ʃ ɢɑ̃ʃʏɑzsʟʊ̃ʕ . ʍɑ̃ɑzɢʊ̃ɑɦ ʕtsɑ̈fɳʂʊ̃sɑ̃ʃɑɕʃɑzɻɻsfɳʂ⊐tɕʊ̃ɑzɑ̈sfɳʂᴵ ɑ̃ɑzsɻɑzɑzʃʕlsɑzʊ̃ɑʒʔ ʊ̃ʕlsɑ̃ʃəɑzsfɳʂɑ̃ʃ ə fɳʂfɳʂtsʷɑzɑ̃ʃɑ̃ ɢɑ̃ʃʏɑzsfɳʂɑʒɑ̈ʊ̃ɑʒʁlz-ɑzɑ̃ʟɑʒʊ̃ɪ tɑɕʃᵡ lststsʒtsɑzʔtslsɑʒɻɰʊ̃ɻls fɳʂɰɻlsʊ̃ɑzɑ̃ɻ ɑzstɑɕʒʊ̃ɑzʔ ɑzsʕtsɑ̈stɑɕtsɑzɑ̃ɻɑɕʃɑzᵍ ɦ ɻʔ ʷʲ lzɑ̃ʕɰɑ̃ʃ ɑ̃ʃ ɑ̃ʟɑʒɻɑ̈ɻɑzɑzsɢtsfɳʂʟɑʊ̃ɑzɑ̃ʷ ʏʃtsʜəɑzɑ̃ʷɑzɑ̃ɻɑ̃ʒəəɻʜɻɑzɑzsɢtsɢɑ̃ʃʏɑzslsɑ̃ɰɻfɳʕtsɢtsəɑ̈zʰ ɻɑzɑ̃ʷ (Hilgard, 1977).

ʏlststsɑɕʒsʟɑ̃lstɑʊ̃ɻəɑ̃lsɑ̃ɻ fɳʃʏtsfɳʂʁɑzsfɳʂɑ̃ɻʃʔ

ɪ tsfɳʕtsɑ̈ʕlzfɳʃʏtsfɳʂʁɑzsfɳʂɑ̃ ɑ̃ɢɑʊ̃ʸ lsʁtsɑ̈ʰ lzᵍ tɑtsɑ̈ʒ əʏɑ̃ɑ̃ʟɑzɑ̃ɰɻɑ̈ɻɑzsəɻʕʊ̃ʃ lsts ətsʃʏɑtsfɳɻ ətsʟɑʒʒsʏɑzsɑzɑ̃ɑ̃ɻ əʕɑ̃ʃʏɑzsɑ̃ʔ-lsts ɑzɻɑ̃ɻɑ̃ɻ ɑ̃⊐ʃʏtsəʳ fɳɰɑ̃lsᴵ, ɑ̃ɑzɻɻʃɻlsɑ̈ɻɑzʃ tsɑ̈ʊ̃ɑʊ̃ɑɰɑ̃ʊ̃ɻ ɻ ɑ̃ʃ ɑ̃ɻɑzɻɻʃɻɑ̈ɻɑzʃ ɑ̃ʃʏɑzsfɳʂʁɑzsfɳʂɑ̃ʃ, tsɑ̈ʊ̃ɑʊ̃ɑɰɑ̃ʊ̃ɻ ɻɑzɑ̃ʒ ɻ ɑ̃ʃ ɑ̃ɻɻʃɻɑ̈ɻɑzʃʔɰɑ̃ʃəʳ ɻ ə tsʁʳ ɰɑ̃ʒʔ ⊐ lzfɳʂɑzsəɑ̃ʷ⊐, ʏʃtsʜ ɑzɻsʁtsəɑ̃ʷᵡ lsfɳʸ ə ʁtsɑ̈ɻɻ əʳ tɑʊ̃ɻɻɑzɑzsʔ ɑ̃ fɳʂʊ̃ʁɑ̃ʃʒ ɑzsʔ ʷʲ tstɑɻɻ. ɪ tɑɻɻ ɻʜɻɻ əfɳɻɢtsʏʃtsɢtsətstɑɕʃɑzɻtsʁ ɑ̃ɑzsɻɑzɑ̃ɻ ʕlsʊ̃ʒ ɑzʔ ⊐ ɑ̃ ɻsətstɕɰɨfɳʕɑ̃⊐ fɳʃʏtsfɳʂʁɑzsfɳʂʷ⊐.

ɻɪ ɑzɑ̃ʷɑzɑ̃ɻ ɢɑ̃ʃʏɑzsfɳʂɑʒɑ̈ʊ̃ɑʒʁlzɑzɑ̃ʟɑʒʊ̃ɑzʊ̃lsətstɕɰɨfɳʕɑ̃ɻ ətsʟɑʒʒsʏɑzsfɳʂɑ̃ ɑ̃ʃʏɑzsfɳʃʳ lsɻzɻɑzʒ ⊐ ɑ̃ʃfɳɰɻɑ̈ɻʜtsəʊ̃ɑzsfɳɻ ɪ .ɻ.
ɪ ʊ̃ʑᴸ tɕfɳʂʒ ʌɻɑzɻ ɻɢtsɑ̈ʊ̃

Because the sample was small, the data were analyzed using nonparametric statistics. Kruskal-Wallis one-way analysis of variance by ranks was used to test the hypothesis that there were no differences among the three groups. Mann-Whitney U tests were used to test the hypothesis that there were no differences between pairs of groups. The .05 level of confidence was used for all statistical tests. Spearman rank correlation coefficients were computed to test the hypothesis that there was no relationship between the variables. The .05 level of confidence was used for all statistical tests. Kendall coefficient of concordance was used to test the hypothesis that there was no agreement among the judges. The .05 level of confidence was used for all statistical tests. Cronbach alpha was used to estimate the reliability of the instrument. The .05 level of confidence was used for all statistical tests. Factor analysis was used to identify the underlying dimensions of the instrument. The .05 level of confidence was used for all statistical tests. Multiple regression analysis was used to predict the dependent variable from the independent variables. The .05 level of confidence was used for all statistical tests. Discriminant analysis was used to classify the subjects into the groups. The .05 level of confidence was used for all statistical tests. Canonical correlation was used to relate the two sets of variables. The .05 level of confidence was used for all statistical tests. Path analysis was used to test the causal model. The .05 level of confidence was used for all statistical tests. Structural equation modeling was used to test the causal model. The .05 level of confidence was used for all statistical tests. Logistic regression was used to predict the dependent variable from the independent variables. The .05 level of confidence was used for all statistical tests. Survival analysis was used to analyze the time to event data. The .05 level of confidence was used for all statistical tests. Cox proportional hazards regression was used to analyze the time to event data. The .05 level of confidence was used for all statistical tests. Kaplan-Meier survival curves were used to estimate the survival function. The .05 level of confidence was used for all statistical tests. Log-rank tests were used to compare the survival curves. The .05 level of confidence was used for all statistical tests. Time series analysis was used to analyze the data. The .05 level of confidence was used for all statistical tests. Autoregressive integrated moving average models were used to forecast the data. The .05 level of confidence was used for all statistical tests. Exponential smoothing was used to forecast the data. The .05 level of confidence was used for all statistical tests. Spectral analysis was used to analyze the data. The .05 level of confidence was used for all statistical tests. Wavelet analysis was used to analyze the data. The .05 level of confidence was used for all statistical tests. Neural networks were used to model the data. The .05 level of confidence was used for all statistical tests. Support vector machines were used to classify the data. The .05 level of confidence was used for all statistical tests. Decision trees were used to classify the data. The .05 level of confidence was used for all statistical tests. Random forests were used to classify the data. The .05 level of confidence was used for all statistical tests. Boosting was used to classify the data. The .05 level of confidence was used for all statistical tests. Bagging was used to classify the data. The .05 level of confidence was used for all statistical tests. Cluster analysis was used to group the data. The .05 level of confidence was used for all statistical tests. Multidimensional scaling was used to represent the data. The .05 level of confidence was used for all statistical tests. Correspondence analysis was used to analyze the data. The .05 level of confidence was used for all statistical tests. Latent class analysis was used to identify the classes. The .05 level of confidence was used for all statistical tests. Item response theory was used to analyze the data. The .05 level of confidence was used for all statistical tests. Rasch analysis was used to analyze the data. The .05 level of confidence was used for all statistical tests. Differential item functioning was used to detect bias. The .05 level of confidence was used for all statistical tests. Equating was used to equate the forms. The .05 level of confidence was used for all statistical tests. Meta-analysis was used to combine the results. The .05 level of confidence was used for all statistical tests. Publication bias was assessed using funnel plots. The .05 level of confidence was used for all statistical tests. Trim and fill was used to adjust for publication bias. The .05 level of confidence was used for all statistical tests. Cumulative meta-analysis was used to examine the trend. The .05 level of confidence was used for all statistical tests. Meta-regression was used to explain the heterogeneity. The .05 level of confidence was used for all statistical tests. Subgroup analysis was used to explain the heterogeneity. The .05 level of confidence was used for all statistical tests. Sensitivity analysis was used to examine the robustness. The .05 level of confidence was used for all statistical tests. Cumulative meta-analysis was used to examine the trend. The .05 level of confidence was used for all statistical tests. Network meta-analysis was used to compare the treatments. The .05 level of confidence was used for all statistical tests. Bayesian meta-analysis was used to combine the results. The .05 level of confidence was used for all statistical tests. Markov chain Monte Carlo was used to estimate the posterior distribution. The .05 level of confidence was used for all statistical tests. Gibbs sampling was used to estimate the posterior distribution. The .05 level of confidence was used for all statistical tests. Metropolis-Hastings was used to estimate the posterior distribution. The .05 level of confidence was used for all statistical tests. Hamiltonian Monte Carlo was used to estimate the posterior distribution. The .05 level of confidence was used for all statistical tests. Variational inference was used to approximate the posterior distribution. The .05 level of confidence was used for all statistical tests. Expectation propagation was used to approximate the posterior distribution. The .05 level of confidence was used for all statistical tests. Laplace approximation was used to approximate the posterior distribution. The .05 level of confidence was used for all statistical tests. Integrated nested Laplace approximation was used to approximate the posterior distribution. The .05 level of confidence was used for all statistical tests. Approximate Bayesian computation was used to estimate the posterior distribution. The .05 level of confidence was used for all statistical tests. Sequential Monte Carlo was used to estimate the posterior distribution. The .05 level of confidence was used for all statistical tests. Particle filtering was used to estimate the posterior distribution. The .05 level of confidence was used for all statistical tests. Kalman filtering was used to estimate the posterior distribution. The .05 level of confidence was used for all statistical tests. Extended Kalman filtering was used to estimate the posterior distribution. The .05 level of confidence was used for all statistical tests. Unscented Kalman filtering was used to estimate the posterior distribution. The .05 level of confidence was used for all statistical tests. Ensemble Kalman filtering was used to estimate the posterior distribution. The .05 level of confidence was used for all statistical tests. Hidden Markov models were used to model the data. The .05 level of confidence was used for all statistical tests. Conditional random fields were used to model the data. The .05 level of confidence was used for all statistical tests. Recurrent neural networks were used to model the data. The .05 level of confidence was used for all statistical tests. Long short-term memory networks were used to model the data. The .05 level of confidence was used for all statistical tests. Gated recurrent units were used to model the data. The .05 level of confidence was used for all statistical tests. Convolutional neural networks were used to model the data. The .05 level of confidence was used for all statistical tests. Deep learning was used to model the data. The .05 level of confidence was used for all statistical tests. Reinforcement learning was used to model the data. The .05 level of confidence was used for all statistical tests. Q-learning was used to model the data. The .05 level of confidence was used for all statistical tests. Deep Q-learning was used to model the data. The .05 level of confidence was used for all statistical tests. Policy gradient methods were used to model the data. The .05 level of confidence was used for all statistical tests. Actor-critic methods were used to model the data. The .05 level of confidence was used for all statistical tests. Proximal policy optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Trust region policy optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Natural gradient descent was used to model the data. The .05 level of confidence was used for all statistical tests. Stochastic gradient descent was used to model the data. The .05 level of confidence was used for all statistical tests. Adam optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Adagrad optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Adadelta optimization was used to model the data. The .05 level of confidence was used for all statistical tests. RMSprop optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Nadam optimization was used to model the data. The .05 level of confidence was used for all statistical tests. AdaMax optimization was used to model the data. The .05 level of confidence was used for all statistical tests. AMSGrad optimization was used to model the data. The .05 level of confidence was used for all statistical tests. AdamW optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Lookahead optimization was used to model the data. The .05 level of confidence was used for all statistical tests. RAdam optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Ranger optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Lamb optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Lars optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Novograd optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Yogi optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Shampoo optimization was used to model the data. The .05 level of confidence was used for all statistical tests. Kronecker-factored approximate curvature

ʃ ɑ[⊐Oɑ[ɑzzˌ ts?ʷʷ j ls

ɭ Oɾɳɑ̈ɟʜʟzᵏ ʰ j ɑʒᵗˡ lsOɑ̈ʃ j ɑ[ɾɳɾɳɑ̈ɟʜtsəOɑ̈ɑ[?ɹ Oɑzᵗˡ tɑ̈j tʃtɑtsəj ɑzOɑ̈ɑ̈Oɑ̈tsGɑ[ʷɑ[ɑ̈z ?ɬˡ ʕɬɳʃ j tɑɑ[ɑʒj ɑ̈ɑtsɾɳGtɑzʃtʃts?
ɑ[ɾɳʃʳ lsɑzj ɑʒʳ ⊐, ɑ[ɑʒɑ[lsɑ[tɑtsəOɑ̈ʰ ɑ[⊐ɾɳtsɾɳhtsʷɑ̈ɑ[j Gɑ[ʃɑ[ɑ̈tsʟOɹ tɑɑ[ɑʒj ʊOlsj ɑzɑ̈ɑ̈s, ʊlsts ʜOɑ̈ɑ̈zᵏ j , ʃtsɑ̈ɑzʊɨ ɑ̈ɑ̈zᵏ j ə
ˡ lsts? Gtɑzʃtʃtʃj , tsʕOɹLOɑ̈ɑ[ɾɳ ʙɑ̈ɑ[Lʕɑ[ʕ lsj ɑʒ ʕtslststɑʳ j ʙʳ ɑ̈ɑ[tʃtsɑ̈ɑzʊɨ ɑzᵏ ɑ̈ɑOɑ[ɾɳʃʳ lsɑzj ɑʒ ⊐, ʜj ?ɾɳhsəɑ[lsj ɑzᵏ ɑ̈s
ɑ̈ɑ⊐tsʜɑ[əʰ ɑ[⊐ɾɳʲ ə Gɑ[ʃɑ̈ɑ̈sɾɳtsɑʒɑ̈ɑ̈Oɑ̈ʒʙlzɑ̈ɑ[Lɑ̈ʒj . ɹ ts-əɑ[ʜɑ[ɑ̈ʒtsɑ̈ʒkz, ɑ[ɑʒɑ[lsOɹɑ[ʷ Gɑ[ʃɑ̈ɑ̈sɾɳtsɑʒ-ɑ̈ɑOɑ̈ʒʙlzɑ̈ɑ[ʊɨ ɾɳʕtsGts
ɾɳtsɾɳhtsʷɑ̈ɑ[ʷ Oɑzlststsɡj ɑ̈ɑ̈zᵏ ɑʒtsʙtɑOLtsɑʒlsOʕɬ j ɾɳʃtsɾɳtsʙɾɳhtsəlzj ls ʙtsɑ̈ɡj j tʃtɑtsʊɑ̈tsɑ̈ʒkz LOʕtɑ̈j tʃɑ̈ɡj ɑ̈ɑ[ᵍ Gʕlsɑ[əɑ̈ts
ʷʷtstɑ̈ɑʒɑ[tɑ̈zj ɑ̈ʒts? ɑ̈ʒtslsɑ[əOɹɑ[ɑ[.

ɹ tsɑ̈zʊɨ ɑ̈zɑ̈zᵏ j tɑ̈j LzɑzᵏlsOlsʳ tʃtsLətsɑ̈zɑ[ɑ̈ɹ Oɑzᵗˡ tɑɾɳlz ɾɳjʷ tstɑɑ̈ʒkzɑ̈ɑ[tɑtsəOlsᵘ Gɑ[ʃɑ̈tslsj LzɹGtsəɾɳhzɑ̈sɑ̈lz ʕtslststɑtsʔ ʙʳ ɑzᵏ
ʃtsɑ̈ɑtsʏj ɑzɑ̈ʃtɑɑ[ɑzɹɑ[ʃ: ʕOɹʜʳ ? ʊɨ ɑ̈ɑtsəj ʕ ɑ̈ʒtsʏj ls ʃtɑtsʷəɑ[lsᵘ ʙtsɑ̈ɡj j əʳ ɾɳhsʕɑ[? lzɑtsəj ɑzᵏ lsətstɑʊɨ ɾɳʕɑ[⊐
ɾɳʃtsɾɳtsʙɑ̈ɑsɾɳhsj ?. ɹ tɑ̈j tʃʷlsɾɳhsəɑ[ʷɑ̈ʒ[ɑ̈ɑOᵗˡ lststɑʒtʃlzlsɑ[ʷəɑ̈wᵝ lsɾɳʸ, ʕOʕ tʃtɑOəɑ[ɑ̈ts, ɑ̈j lzəj tɑ̈j ɑ̈ɑ̈ɑ̈sɾɳhsᵘ ə ɾɳhtsɑ[⊐
ɾɳʃɑ[ɑ̈Oʕ, ʙtsʷLɑzᵏ ʕtɑɑ[lsɑ[ʕɑ[, tslsɾɳhzlsɾɳhsəɑ[j ʜtsɑ̈zɹ ɑ̈ɑ̈s? tɑ̈j ʰ ɑ[lsj ɑzᵏ ɑ̈ɑ̈sɾɳhsɑ[. ɹ tɑ̈j Lzɑzᵏ lsOlsj ᵗˡ lststɑts ʊɨ ɑ̈ɑ̈səj ʕ ʊOᵍ j
əɾɳjɡts ɑ̈j ʙj tɑ̈j lsɾɳʸ LOtɑ̈j ʰ j ɑ̈ɑ[j ɑʒɑ[ɑ̈sɑ[⊐ tʃtɑtsʙɑ̈j ɑʒ ʕtslststɑʳ j tʃtslsj ɑzɹɑ[ɑOɑzᵏ ɑ̈ɑ̈s ʷəɑzᵏ lsɾɳʸ ʜɑzʷ ɑ̈j ɡts
ətʃtsɑ̈zɑ̈j tʃtsɾɳɑ[ɑzᵏ ɑzᵏ ɑʒɑ[ɑ[ʜtsɾɳhsʕzɑ[ɑzᵏ ɑʒ[(Bowers, 1967). ɹ Oɑzᵗˡ tɑ̈j ɡtsətstɑɑ[ls, ʊlsts əɑ̈ɑzᵏ j ɑ̈ɑ[j ɾɳɑ̈zɑ[ɑʒɑ[ls
ʜj ?ɾɳhsəɑ[j LOᵍ ɑ[lsɑzᵏ ⊐ lzɾɳhsOɑ̈ɑ̈sətsʕ ɑ[tʃtsɑʒtsɡɑ[ls tʃtsəʳ ɾɳɑ[ls lsətstɑʊɨ ɾɳʕɑ[⊐ɑ[ɑ̈ʒɑ[ls ɑ̈ɑ̈sɾɳhsɑ[ɑ[ɾɳʃʳ lsɑzj ɑʒ ⊐.
ʃ ɑ̈ɑ[ʊlzəɾɳhsəlzᵝ ls ɾɳjʙʷ tɑOɾɳʕtsəOɑ̈ɑ̈ɑ̈s, tɑ̈j Oɡɑ[tɑɑzᵝ ls ə ɾɳhtsʙtsʜɑ̈ɑ̈s? ɑʒOɑ̈ɡj tɑ̈j , ɑʒj ɑ̈ɡj j tsʙj ɾɳtʃtsʕtsj ɑzᵏ ɾɳhtsɑ[ɑʒ
əɑ̈ɡʰ ɑ̈ɑ[ɑʒəɑ[ʜtsɑʒ ɾɳtʃtsɾɳtsʙtsɑʒəʳ tɑOɹj ɑ̈ɑ[ʷ ɾɳhsʙɾɳhsəj ɑ̈ɑzᵏ ⊐ ɑʒʳ ɾɳɑ̈ɡ? ð ts⊐tslsɑ̈ɑ̈s tɑOLGtsəOɑ[əOᵍ ls, Gtɑtsɑʒʕtsɑʒ
ɾɳɑ̈ʒɡᵝ lsɾɳʸ. ʜtsLʜOj lsɾɳʸ ətʃj ʊlsɑ̈ɡ ɑ̈ɑ[j , ʊlsts tsɑ̈ɑ[ʕOᵍ ʙʳ əʳ tɑəOɑ̈ɑ[ɾɳʃ ɑ[L-tʃtsʜ GɑɡjlsOtʃtɑtsʰ ɑ̈ɑ̈sGts ɑ[
ʙlzʜlzʰ j tGts ɑ[tʃj tɑ̈j ɹ ɑ[əOᵍ lstsʙʰ ɑ[? ʙtsɑ̈ɡj j tstʃlsɑ[ʒɑ[ɾɳhsɑ[ʊɨ ɾɳʕɑ[? ɑzɾɳhsɑtɑs? (Bowers, 1967).
ɹ Oɑ̈ʒj ʊlsj ɑzᵏ ɑzᵏ ? Lj ɑʒɾɳʕɑ[? ətɑOʊʀ tsɾɳɡʷ ɹ ɑ[lsOɑ̈zj əɑ[ʊɹ ʷLj ɑʒɾɳʕɑ[?, tʃɑ[tsɑ̈ɡ tɑɾɳtɑ[ɑʒj ɑ̈ɡ ɑ̈ɑ[ʷ
ʕtsɑ̈ɑ̈ɡʕlsɑ[əɑ̈ɑ̈s? GɑtʃɑɑtslsjtɑOtʃɑ[ɑ[, tʃtɑj ʜɑ̈ɑ̈sɹɑ[əʰ ɑ[? ə 1904 Gtsʜlzˡ lslzɑ̈ʒj lstsʜɑ[ʕlzʜɑ̈zʷ ɑ̈ɡ ʊj ɑ̈ɑ[ʷ ʙtsɑ̈zɑ̈zᵏ ⊐
Oɑ̈ɾɳtsGtsɑ̈ɑ[Lɑtsɑʒtsɑʒɑəɹ ɑ̈ɑ̈s? (ə 1912 G. ɾɳhtsᵝ ɑ̈ʒj lstsʜɑ[ʕlz tʃtɑj ʜɑ̈ɑ̈sɹɑ[ɑ̈zɹ . ʃ . ɹ j ⊐lsj tɑ̈j ə), tɑOɾɳɾɳʃʕOʳ əOɑ̈z, ʊlsts ʜtsɾɳhsɑ[Gᶜ
tʃtɑtsʊɑ̈tsGts ɑ[Lɑɡjʊɨɑzɑ̈ɑ[ʷ ɑʒɑ̈ɑ̈sGtsʊɑ[ɾɳɑ̈ɡɑ̈zᵏ ⊐ tʃOʊɑ[j ɑ̈ɑ̈sɑəɹ lz ʕtslststɑʳ ⊐ tslsɑʒj ʊɑ̈Oɑ̈ɾɳ əʳ ɾɳhsʕOᵛ ɾɳhsj tʃj ɑzᵏ
ɑ̈j lzəj tɑ̈j ɑ̈ɑ̈sɾɳhsɑ[ə ɾɳjʙj . ɹ j tɑəʳ ? ɾɳɑ̈zʊɑ[? ɾɳhʷLOɑ̈zɾɳʃj əɑ[ʊɨ ?, ʕtslststɑOᵛ ɑ̈ɡ ɑ̈ʒsGɑ̈ɑəLʷlsᵘ ɑ[Ləj ɾɳhsɑ̈zᵏ
ɑ̈ɑslsz, tʃtslststɑʒz ʊlsts ʜlzɑʒOɑ̈ɑ̈ʊlsts ᵗˡ lsts j ? ɑ̈ɡ tʃtsʜ ɾɳɑ[ɑ̈zɑ̈. ɾ tsɾɳhsOlststsʊɑ̈ts ʙʳ ɑ̈ɑ̈s tsʜɑ̈ɑ̈sGts əɑ̈zᵏ j ɑ̈ɑ[ʷ, tʃɑ[ʰ j ls
ɹ ʷLj ɑʒɾɳʕɑ[?, ʊlstsʙʳ əɾɳjɑ̈zɑ[lsᵘ lzəj tɑ̈j ɑ̈ɑ̈sɾɳhsᵘ ə lstɑ̈j ʙlzj ɑʒtsɑʒɾɳɑ̈ʒᵝ ɾɳɑ̈ɡj . ɹ ts əlststɑtsɑʒɾɳɑ̈zʊɑ[ɡ əLtɑtsɾɳɑ̈zᵏ ?
ɑʒzʏ ʊɑ[ɑ̈Oɾɳhsəj tɑʰ j ɑ̈ɑ̈s lsj tɑʷɑ̈zɾɳʷ, j ɾɳɑ̈zɑ[j ɑʒzᵏ tʃtɑ[⊐tsʜɑ[ɑ̈sɾɳʃ Gtsətstɑɑlsᵘ ɾɳɑ̈zOʊ[Oɑ̈zᵏ ɾɳhsətsɑʒɑ[ɑ[ə tʃtɑɑ[ɾɳhzls-

[illegible] (1900. [illegible] 4).

[illegible] 1989 [illegible]

[illegible] 28 [illegible] 1989 [illegible]

ʃ qˉ⊓Oqdzz tsǂʷ ʲ jls

ʂ Oǂ lststz ʕts tstzʕtsʃtcʳ dzOɢdzOLO fɲjj lzfɲs fɲstɶOdzɲʸ lzнqɔɔdɟdzz ʔ ɔtsLɢdzOfɲ çWho am I!? Where am I?!è*

ɪ tsнtsLtɶqlsjdzdzs tʃtsfɲdʒslstɶjɔdzOdjdzʷ, tstzO lststʃdzzɔ dzsɢtsʔ, fɲʃtɶtsfɲqʃdzOlz ɔqнqdʒsǂ lststz ʕts jʔ ts⊓tɶOdz: çWho is this man?è**

He нtsʞqнOʸfɲ tslsjlsO tɶjʰ qlsjdzdzs tʃtsнtsʰ dzOq вjfɲjjtɶjdʒstzdzs tɶOɲʃOˉdzzdzOdʒsʔ ʷ ʷtɶOʕ. ɪOsjdʒ ɲʃsfɲɶjнtslststujdzdzs fɲsOdzOtɶʳ lsᴵ fɲʸ ɔ dʒsqˉ⊓ʕOɪɶʒOdzOˉ, вtstɶdʒsɪqO çYou are a very suspicious man! Show me your identification!è***

Ç, tʃtɶqʟdzOlsᴵ fɲʸ, tslststɶtsʃjdzq dzɟ ʟdzOdz, ʕOʕ dzOᵘ lsts tɶjOɢqltɶtsɔOlsᴵ. ʃ jdzʷ dʒzɪqqdzɔtsʃtɶtsfɲʕzнO dzOʃtɶOɔqlsᴵ lsOʕ нtɶOdʒOlsqɪqdzs q ɢdzOɔdz dʒtsвtɶOɪtsdʒdɟtsʞqнOdzdzs tɶOɪɔqɔOᶠʰ qʔfɲʸ fɲʞjjls? ɪ Ofɲɢdʒtsdʒ нjdzɟ, ʕlsts ʷ ɔ нOdzdzsʔ fɲqlslzOɪqqq? ʂjdʒtʃtɶjнfɲsOlsᴵ, ɢɢqtʃdzslsqʟjtɶtsdʒqdzɢ fɲslstɶzнdzɢʕtsdʒjj Oʃtʃ Oɪɶ Ols, Θ dʒtsʞjjls, tʃtɶjʕtɶOlsqlsᴵ fɲʃtsdzsOdzdzs tɶOɪʳ ɢtɶOɔʰ jj fɲʸ нjʔfɲsɔqjj? ɹjнᴵ ʷ dɟ ɢtsɔtstɛᵍ tʃts-Odzɢdzqʔfɲʕq, Θ tsdzOɔ tsвtɶOɪj dɟ tʃtsdzɢqdʒjls tʃts-tɶzfɲɲʕq. ɪ tsɔqfɲqzOdʒdzsɢtsLdzOɪqqlsjdz dzOʸ tʃOzLO, ɔ lsjujdzɢjj ʕtslststɶtsʔ ʷ lsjtɶLOdzfɲɔtsᵍ ʷʷ Odzsɪqqᵍ , Otsdzɔdjlsɪdzɢfɲ tʃts fɲjjdɟ qʕtɶqujdzOçWhere is my consul? It'll be a great international conflict! It'll be a nuclear war!è****

ʏ lststвʳ ʕOʕ-lsts qʟвjʞOlsᴵ çdzjʞнzdzOɪtsнdzsɢts ʕtsdzʷ dzqʕlsOè, ʷ tsвtɶOlsqdzfɲʸ ʕ ʟtɶqlsjdzʷdʒfɲqtʃtɶtsfɲвtsʔ нjdzɟɢqltɶtsɔOlsᴵ dzOfɲjjdzzʕtsɢts-dzqlвlzнᴵ Odzɢdzsɢtsɔtstɛʷʰ jɢts. ɹʳ ʰ jdzdʒsdzsнtsʔ ujdzsɔjʕ. ç lszlsʞjj tsвʲ ʷɔqdz, ujsts tʃtɶqjjˉ⊓Odzʕtsdzɟɲzdz ʃ dzOʟOfɲ tʃOdzOjɢts ɔtsʃtɶtsfɲOdʒq, tsdzɟʃjtɶjOнtɶjfɲsɔʳ ɔOdzqˉ⊓ dʒdɟ. ɪ tɶqʰ dzsfɲ dzOˉ⊓tsнlz fɲsujqdzʷlsᴵ qfɲjststɶqᵍ , ʕtslststɶzᵍ tsdzɟɲsOɪOsjdz dzs tʃjtɶjɔtsнqdz ʃ dzOɔdzqdʒOsjdz dzs fɲdzzʰ Odzɔ ujqdzdzs ʕqɔOdzOɢtsdzsɔtsʔ: dʒsdz, нɔ tʃtsdzqdʒOʸ , вlzнlz fɲdzqfɲ⊓tsнqlsjdz dzs, dɟ нOdzsdʒ ʞjʷ tʃtɶqdzɲjfɲɲɔ ʂ tsɢнOʕtsdzʷ dzʕlsвʳ dzqfɲujtɶtʃOdzqtsdzOlzfɲʃtsʕtsqdzOfɲj, ʷ tɶjʰ qdztslsɢtɶj⊓OtʃtsнOdzʰ jɔʳ ɔjfɲsqjjqlɢqtʃdzsLO

ʜʕOLOdzs ð fɲujdzOdzs. ɹdzzʰ Oʸ : çɪfɲj lGʕtsdzuqdzsfɲ. ɹʳ lsGʕOʸ, ʕOʕtsʔ вʳ dzqfɲjɢtsнdzʷ lzlstɶsdʒ ɪfɲj tʃtɶtsʰ dzsè. ʏ lststвʳ вʳ dzs

* ʂ lsts ʷ? ɻнj ʷ? " ʂ lsts ɻ lststls ujdzsɔjʕ?

*** ɹʳ tsujdz tʃtsнtsLtɶqlsjdzdzʔ ujdzsɔjʕ! ɪ tsʕOʞqlsj ɔOʸ j lzнtsfɲstsɔjtɶjdzqjj.

**** ɻнj dʒsʔ ʕtsdzɲzdzʔ ɹlzнjls вtsdzʰ tsʔ dʒjʞнzdzOɪtsнdzʔ ʔ ʕtsdzʷ dzqʕls! ɹlzнjls ʷнjtɶdzOʸ ɔtsʔ dzO

ð Wow! How I'm tired!**

ð Where have you been, my child?"* ð I don't know. Maybe, in Vietnam, maybe, in Laos... ****

ſ qſ⊐Oɑſdzzɻ tsǂʷ ʲjls

jɻdʒ, qſdzſˡ lstscdʒz fɳʃtsfɳtsʙfɳʃsɔtsəOɑlzɢɕqſʃɳdzʍsfɳtsɔdʒɑʍɑlʒʙlzɑzſʟɑdʒ? ⊂ fɳʃtɑtsfɳqſdzɻ ʕfɳ·ɑlʍz, ɢɕtsɔtstɑɕqſls dzɑſ tscdzʍO fɳtsʙtsʜdzʍs tʃts-Oɑlzʍɕdzɑſǂfɳʃɕq. ɻ tsfɳɑʃʒtslstɑɻə dzʍOɔdʒɻdzʷ ə dzɻʜtslzɔdʒɻdzʍſɑſq, tscdzʍOfɳʃ·ɑlOɑlzʍ: çɔ ʟOfɳtsʙtsǂ lsɔʃtsǂ fɳʃtsfɳtsʙdzʍsfɳʃsɔq dzɻ ʟOɑlzʒ ɥɑlzʍ⊐è

ɸ dzʍɑlzɑſʟɔqſtɑdzʷ tʃtɑtsɔqſfʰ jɻʜʰ jɻj, fɳɑlzɻʜlzɻjls tslscdʒɻlsɔqſlsᵍ, ɥɑlsts, ʕtscdzɻɥɑdzʍs, ɻʃ ʕfɳ·ɑlzʍOɔdzɻ fɳʃsOɑlzʍOʃtɑɕqſdzʍɥɻfɳɳtsǂ, dzʍs qſ fɳ·ɑlʒtsǂ fɳɳsʙtsǂ dzɻ tsfɳʃsOɑlzʍcfɳ. ʃ tsʏ qſdzʍs dzɑſ fɳʃO·ɑlOʃsᵍ, ɥɑlsts tscdzʍOqſɢɕtɑɕOɑlzʍO? ɾ O, qſdʒsʏ qſdzʍs. ɭ ts˪ lsts dzɻ qſɢɕtɑɕO O·ʃlsɻtɑɕO, ʕtslstsɕʳ ?, tʃɻjtɑɻətstʃdzʍsʰ O·ʸfɳ ə tʃtɑɕqſdzʍɥOʜO·ʃlsfɳʃtsɢɕts, dzʍzɥʰ ɻ tʃts-Oɑlzʍɕdzɑſǂfɳʃɕq dzɻ ɢɕtsɔtstɑɕqſls. ʕ lsts ʙʳ dzʍOɢɕqſʃɳdzʍslsqſɥɻfɳʃO·ʸ qſɢɕtɑɕO, tslscdzɑſɥɑO·ʸ ʰ O·ʸfɳʸ tslsO·ʃlsɻtɑɕfɳʃtsǂ ɢɕdzʍʙqſdzʍsǂ tʃɻjtɑɻətstʃdzʍsʰ ɻdzʍɑſʷ: fɳʃsʟdzʍOɑlzʍɻj ʃ ʕfɳ·ɑlzʍ, ɻjɻ əɑdzʍlstɑɻdzʍɑlzʍɑſʔ dʒʃtɕfɳʃsOɑlzʍlstsʏ ɥɻfɳʃsɔɻdzɻɑdzɕəɑdzʍʰ O·ɻdʒsdʒz tsʙtɑO·lz, ɥɑlsts O·ʃlsɔqſtɑtsəOɑlzʍs tʃO·fɳɳqſədzɕɻ ʟɑdzʍOɑlzʍɑſʷ ʷLʳ ʕO·I dzʍɑſdzʍɕəɑqſfɳʃsɑqſʕɻ ts lsO·ʃtsǂ qſɢɕtɑɻ ɢɕtsɔtstɕʷls: qſʟlzɥɻ dzʍɑſɻ ʷLʳ ʕOfɳʃtsɢɕtɑdzʏɻ dzʍɑſɻ dʒ, ɻ qſtʃ dzʍsfɳtsɔdzʍOɑlzʍʙlzɑzſʟɑdʒfɳtsʟHO·ɻ ls lzfɳɑlzʍsəɑqſʷ ʜdzʷ lsɔtstɕɥɻfɳʃsɔO

ɸ dzʍɑdzʍɑſǂfɳʃɑqſǂ qſfɳɳɑqſɥɻʜtsɔO·ʃsɻdz ɢɑqſʃ dzʍsfɳtsɔdzʍOɑlzʍʙlzɑzſʟɑdʒOɑqſʟ ʂ ɻ dzʍʙtɑɑqſʜʏ O∧ . ʊ . ʃ O·ʔɻjtɑɕfɳʟO·ʜO·ɔO·ɑlzʍfɳʃ ɔtsʃ tɑtsfɳtsɔdʒ çʀ fɳʃ·lzfɳɳtsɔɻdzɑlzʍ ʔ fɳtsɔdʒʍɑlzʍʙlzɑzſʟɑdʒð fɳtsfɳtstsʷdzʍɑſɻ tɑɻɢɕtɑɻ fɳɳOɑqſdzʍɑſ tʃtɑtsɢɕtɑɻ fɳɳOtʃ fɳɑʃ⊐qſǂqſ; dʒtsʏ qſdzʍs dzɑſ fɳɻɢɕts tʃtsdʒtsʰ ɹ ʁ fɳtstsʙʰ qſlsᵍ dzʍ ʜʷdʒʙtsdzɻɻ ɔʳ fɳtsʃ·lzᵡ ᵂ tstɑdzʍz fɳʃzʰ ɻ fɳtsɔtsəOɑlzʍɑſʷ?è (Myers, 1887). ɻ tsʜtsʙdzʍᵡ ɔtsʟdʒtsʏ qſdzʍsfɳtsᵍ ʜtstʃ·lzfɳʃ·Oɑlzʍɑſtʃtsᵘlsɑſɻɔfɳɻ fɳtsO·ɑɕʳ ɻ dʒO·ɢɕdzɻlsɑſʟɻɑɕʳ . çɹ O·ʙʳ ɔO·ɑlzʍɑſɻ ɔ dʒtsdzɻqſdzʍs tʃtɑtsʙlzʏɥɻdzʍɑſʷ,ð ɢɕtsɔtstɑɕqſlsɻ . ɻ . ɹ O·ɑɕO·ɑlzʍ tsdzʍð ʟOɢɕfɳtsO·ɔdzʷɻls qſdzʍOɢɕfɳʜlzqſʒO·ʃsᵍ, ɥɑlsts fɳtsdʒʍɑO·ʃsʙlzqſʟqſʒ ʷɔdzʷɻlsfɳʸ ʙtsdzɻɻ fɳtsɔɻɑɕʳ ɻdzʍɑſɻ dʒfɳtsfɳtstsʷdzʍɑſɻ dʒè (Baragnon, 1853, ɑɕ 172). ʃ dzʍ, ʕtscdzɻ ɥɑdzʍs, qſdzɻɻ ɻls ɔ ɔqſʜlz ʟOʙʳ ɔO·ɑlzʍɑſɻ ʙtsdzɻʟɻ fɳtsɔɻɑɕʳ ɻdzʍɑſ⊐ tsʰ lzʰ ɻqſdzʍɑſ?.

ʃ fɳʃ·Oɕʌ tsɢ·ls, fɳɻtsʜdzʍs? fɳtstsɑtsdzᵡ , qſʷ ɑɕtɕ·Oɑlzʍɑſʟzʟfɳʃ·qſ? dzɻɔɑtsdzʍsɢʳ qſdzʍdzᵡ ʜɻ dʒO·ʊlzɑtɑɻlslsð fɳʜtɑdzɢɕtsǂ, ˪ ʕfɳɻj ɑtɕqſdʒɻ dzʍs·O·ɑlzʍ dzʍs ʜtsʕO·ʟO·ɑlzʍqſ, ɥɑlsts qſdzʍsɻ dzʍɻʕlsʟO·ɑlzʍ dzᵡ ɻ fɳɻtsfɳtsʙdzʍsfɳʃsɔqſfɳɻʳ lsʟɻ dʒtsɢɕts ɔ ɢɕtɻqſdzʍs-fɳtsdʒʍɑO·ʃsʙlzʏɑſʟdʒɻ ɢɕtsɑO·ʟʜts ɔʳ ʰ ɻ, ɥɻ dʒɔ tsʙʳ ɥɑdzʍsdʒfɳtsfɳtstsʷdzʍɑſɻ. ʊlzɑtɑɻlsls fɳtstsʙʰ O·ɻls: çʃ ʳ ɔqſʜɻdzʍɑſ qſdzʍɑſɔqſʜtsɔ, ɔɻfɳ tsʙdzʍɑſʕ ʕtslstsɕʳ ⊐ dzɻdzʷdzfɳʷ, ʕO·ʃ lstsdzᵡʕts tsdzʍɑſ tʃtsɢɕtɑdzʏ·Oɑlzʍɑſɳ ɔ ɢɕqſtʃ dzʍsfɳtsdʒʍɑO·ʃsʙlzʏɑſʟdʒ, ɾ ts˪ lstsɢɕts tsdzʍɑſ ʙʳ dzʍɑſ fɳʃ·lzɥɑdzᵡ qſ O·ʃfO·lsɑſɥɑdzᵡ , lsɻtʃɻjtɑɕʳ ʏɻ fɳʃsO·ɑlzʍɔqſ-

(Gilles de la Tourette, 1898).

(Ach)

(∫ʸəjʤʷjʤʷʜ, 1903).

ʃ ɑʃ⊐Oɑʃdzzˌ tsʔʷ ʲ jˌ ls

əʳ нˌjˌdɑˌjɑʒ ə tsfɳʂʙʳ ʔ lsɑʃʧ ɑʃ dɑ⁄ɑOLəOɑʒ ʕtɑˌjˑOʂɑʃəɑʒsfɳʂʲ ᵡ (tslsdɑ⁄Os. creatio ð fɳʂlsətstɑˌjˑdɑɑʃjˌ, fɳʂLнOɑʒɑʃjˌ).
ʀ L ʧtɑtsəjˌнˌjˑdɑʒʒ ⊐ ʃ . ʂ . ʊɔɑʃ⊐tsdʒʂʃɑtɑtsəʳ dʒˈ ʕfɳʧjˌtɑɑʃdʒjˑdɑʒtsə əɑʃнdɑʒs, ʕOʕtsəʳ ɑʃfɳʧʳ lsʒjˌdʒˈ jˌ ə
ɢɑʃʧɑʒsfɳʂdʒɑ⁄Oɑʒʙlzɑɑʃ∿ɑʃjˌfɳʕtsdʒfɳʂfɳʂtsʷdɑɑʃɑʃ ʧtsfɳɑOəɑˌɑʃᵡ fɳɔfɳOɑʒʂɑʃdʒʂʃ fɳʂʙtsʔ ə ʙtsнtɑɔfɳʂətsəOɑɑʃɑʃ ɑʃ fɳ
ʕtsdɑʒstɑtsdʒˈ dɑʒsʔ ɢtɑɔzʧʧtsʔ. ʃ нdɑʒsʔ ɢtɑɔzʧʧjˌ, dɑ⁄⊐tsнʷʱ jˌʔfɳʸ ə ɢɑʃɢʷdɑʒsfɳʂdʒɑ⁄OɑʒʙlzɑɑʃLdʒjˑ, ʊɔɑʃ⊐tsdʒʂʃɑtɑtsə нOɑʒ
tɑtsdɑʃ çəʳ нO ʱ ɑʃ⊐fɳʸ dʒˈ нjˌʔè, Oнtɑɔzɢtsʔ, ʕtsdɑʒstɑtsdʒˈ dɑʒsʔ, ɢtɑɔzʧʧjˌ ə tsʙʳ ʯɑʒsdʒfɳʂfɳʂtsʷdɑɑʃɑʃ (ʯlsts ʙʳ dɑʃ
ʧtɑtsʷjˌfɳɳʧtsdɑ⁄Oɑʒˈdɑʒˈjˌ Oʕlsjˌtɑɔʳ) ʧtstɑɔzʯɑʃdɑʒɑʃɢtɑɔOsʲ tɑtsdɑʃ çəjˌdɑʃʕɑʃ⊐dʒˈ нjˌʔè ð lzʯjˌdɑʒˈ ⊐ ɑʃ
ɑʃLtsʙtɑˌjˑlsOsjˌdɑˌjˑʔ. ʈ jˌLlzdʒˈlsOsʳ ʙʳ dɑʃ fɳɑˌjˑнlzᵡ ʱ ɑʃjˌ. ʃ ʳ ʧtɑɑʃəjˌнjˑdʒɑʃ⊐ʙdɑʃLʕtsʕlsjˌʕfɳʂlz.. I dɑˌjˑɢɑʃʧdɑʒs-
fɳʂdʒʰ Oɑʒʙlzɑɑʃʯjˌfɳʕtsʔ fɳjtɑɔʃɑ ɑʃfɳʧʳ lsʒjˌdʒˈ ʔ əfɳʂtɑˌjˑʯOɑʒLOнOɑʒɑʃjˌ fɳdɑˌjˑʕtslststɑtsʔ tsʧOʱʕtsʔ, ʧtsfɳʕtsdʒˈʕlz tsdɑʒs
ʙʳ dɑʒs fɳʂəjˌtɑɔʰ jˌdɑʒɑʒs dɑʒsəʳ dʒɑʃəjˌʱ нjˌdɑʒɑʒsʔ ᵡ ɑʃLdɑʒɑʃ dɑˌjˑ ʧtɑɔ⊐tsнɑʃdɑʒsfɳ ʧtɑɔʃнlzdʒˈ əOsʲ
dɑˌjˑlstɑOнɑʃʯɑʃtsdɑ⁄dʒˈ jˌ dɑ⁄OLdɑ⁄Oʯjˌdɑɑʃʷ ʧtɑɔʃəʳ ʯɑʒdʒˈ dʒəjˌʱ Oɑʒ ʃ ʙʳ ʯɑʒsɑʃfɳʧʳ lsʒjˌdʒˈ ʔ dɑ⁄OʯɑʃdɑʒOɑʒəʳ ʧtsdɑʒdˌjˑdɑɑʃjˌ
LOнOɑʒɑʃʔ fɳɑʒsəOɑʒʃ: çl lz ʯlsts ᵡ jˌ, нO⊐O ʔlsjˌ ʧtstʧtɑtsʙlzjˌdʒˈ ɿ tsfɳʂtslstɑɔʃdʒˈ ʯlsts lz dʒjˌdʒʷ ʧtsdʒzʯɑʃlsfɳʸè. ʀ ʧts
⊐tsнlzəʳ ʧtsdɑʒdˌjˑdɑɑʃʷ LOнOɑʒɑʃʷ ᵡ нOɑʒtsʯjˌdɑ⁄ɑʃ ʱ ʕfɳʧjˌtɑɔʃdʒjˑdɑʒsOststɑO fɳʧtɑO ʱ ɑʃəO ʸ, ʧtɑ⊐ɑʃdʒˈ dɑʒs dɑʃ tsdʒ
ʧtsfɳʂlzʧO ls ə ʕO ᵡ нtsdʒʕtsdɑ⁄tɑˌjˑsdɑʒsdʒfɳɑʒzʯO . ɿ tsəjˌнjˑdɑɑʃjˌ ɑʃfɳʧʳ lsʒjˌdʒˈsɢts ə tsʙtɑOˌjˑ çəʳ нO ʸ ʱ jˌɢtsfɳʸ
ʯjˌdɑʒsəjˌʕOè Oʙfɳʂdʒˈ lsdɑʒs dʒjˌdʒˈʷdɑʒsfɳ . ʃ dʒˈʯzəfɳʂətsəOɑʒzfɳjʙʷ lzəjˌtɑˌjˑdɑɑʃs, fɳɑ∿slstɑˌjˑdʒɑdɑ⁄Oʱ ʕfɳʧjˌtɑɔʃdʒˌjˑdɑʒsOststɑO
çfɳʸ fɳʂʕOè, ɢtsətstɑɔʃdʒtɑOLdʒˌjˑtɑˌjˑdɑɑʃs, fɳʂjˌʧjˌjˑdɑɑʃs, fɳʯlzəfɳʂətsdʒfɳʂʙfɳʂəjˌdɑɑʃsɢts нtsfɳʂtsɑʃdɑ⁄fɳʂəO ɿ tsfɳɑ⁄ˌ
ʧtɑtsfɳɑʒzʰ ɑʃəOɑʒɑʃʷ ɑʃdɑ⁄fɳʂtɑʒʕʯɑʃɑʃ ɢtsətstɑɔʃdʒʧtɑɔʃdʒˌjˑtɑˌjˑdɑʒs fɳɑʒˌнlzᵡ ʱ jˌjˑ: çC dɑ⁄OʯɑʃdɑʒO ʸ . ɿ ɑʃʰ ɑʃlsjˌ !è
ʏ Oɑ⁄fɳʂts ə ɢɑʃʧdɑʒsfɳʂdʒɑ⁄OɑʒʙlzɑɑʃLdʒjˌ ɑʃfɳʧʳ lsʒjˌdʒˈ jˌ нO⊐Oɑʒɑʃdˌjˑdʒˈ jˌ tslsəjˌlsʳ , ʕOʕ ʯlsts əfɳjɢʜOʙʳ dɑʒs
ə tsʙʳ ʯɑʒsdʒfɳʂfɳʂtsʷdɑɑʃɑʃ, O∿ujˌdɑʒsjˌ fɳʂtɑʒsʔ dɑʒsjˌ tɑOɑ⁄fɳʸʒᵡ нjˌdɑɑʃjˌ çʷ ɑʃdɑʒsfɳʂʷ fɳʕtsɢts ⊐OɑOʕlsjˌtɑOè. ɿ tɑɔʃujˌdʒˈtsdɑɑʃ
ʙʳ dɑʃ fɳʂəjˌtɑˌjˑ jˌdɑʒɑʒs ʙjˌLtɑOLdɑʒʯɑʃʯjˌdʒˈ ʕ əɑdʒjˌʰ Oɑʒjˌdʒˈ fɳʂəOɑʒʯʱ ʕfɳʧjˌtɑɔʃdʒjˑdɑʒsOststɑO ʕtslststɑɔʳ ʔ ʧʳ lsOɑʒfɳʸ
fɳʧtstɑɔʃlsʲ ɑʃ ʕtɑɔʃlsɑʃʕtsəOɑʒsʲ dɑˌjˑʕtslststɑɔʳ jˌ əʳ fɳʕOʳ əOɑʒɑʃʷ. I ʱ lsts? fɳɑʃlszOʯɑʃɑʃ tsdɑʒɑʃ dɑ⁄OʯɑʃdɑʒOɑʒɑʃ tsʙʲ wfɳɑʒʷlsʲ
tsʯujˌəɑʃнdʒˈ jˌ, fɳɑʃ⊐ lstsʯʕɑʃ ʱ tɑˌjˑ dɑʒɑʃʷ, ɑʃfɳʂɑʃdʒˈ ɑʃdɑʒɑʃ ə dʒˈʯʰ jˌdʒʂfɳɑʒzʯO dˌjˑ tsʙtɑOʱ Oɑʒɑʃtsfɳʂʙtsɢts əɑʒɑʃdʒʂOɑʒɑʃʷ,
ʧtɑtsнtsdɑʒ OʸəʳfɳʕOʳəOɑʒsʲfɳʷ. ʊtslsʷOʕls, ʯlsts ɑʃfɳʧʳ lsʒjˌdʒˈ jˌ ʧtsʯlsɑʃ dˌjˑ ʧtsəlststɑɔʷdɑʃ tslsəjˌlstsə, нOɑʒɑʒˈ ⊐ ə
tsʙʳ ʯɑʒsdʒfɳʂfɳʂtsʷdɑɑʃɑʃ, tsʙʲ ʷfɳɑʒzʷjˌlsfɳʸ lsjˌdʒˈ ʯlsts əɑʒɑʒˈʰ jˌdɑɑʃjˌ tsʙtɑOLOнjˌdɑ⁄Oɑʒts tɑɔʷн tslsəjˌlstsə ʧtɑtsfɳʂts
dˌjˑʧtɑɔʃjˌdʒˈdˌjˑdʒˈ dʒˈнdʒˈʷ ɑʃfɳʧʳ lsʒjˌdʒˈ ⊐.
ʜ tsнdɑɑʃdʒɑʃLlzʯOɑʃfɳʂdɑɑʃʕtsə ʙʳ dzʧtɑtsəjˌнjˑdʒtsʧʳ lsʧts dɑ⁄⊐tsʏ нjˌdɑɑʃʲ) əOɑɔʃOɑʒstsə ʧtɑɔʃdʒjˌdˌjˑdɑɑʃʷ ʧtɑtsfɳʂʳ dʒ
⊐tsLʷʔ fɳʂəjˌdɑʒʒ dʒˈʧtɑˌjˑн-

ʃ cʃ⊐Oɑʃcdzzɻ tsǂʷ ʷjɹls

dzʷjɹlsfɲʸ çɑzsɘʳ cʒcʒʰ cɡjcɑzʃjɹcʒè. ƨtsxɻjɹ cɑzO3cdzʜGʘjɹlsfɲʸ tʃtɐcʃ fɲɐO3cɑɡjcɑzʃcʃ tʃtscdzʷlscʃʔ. Ɪ tstʃʳ lsG⊐fɲ cʃfɲʃtscdzɹLtsɘOɑzʃjɹcʒGɕcʃtʃcɑzsfɲtscʒcɑzO3ɐ3ɹz-cɑzʃLcʒOcʃfɲʃʳ lszjɹcʒʳ jɹ cɑzG⊐tsHʷlsfɲʕtɕʳ lsʳ jɹ fɲɐtsʔfɲksɘOtʃtɐjʜcʒjɹlstsɘ cʃ ɹzfɲksOɑzɘɑzʃɘOʸ lsfɲɐʷLcʃ cʒjɹxɻʜɹz cɑzʃcʒʃ cɑzOtsfɲɑzsɘjɹ ɻlscʃ⊐ cʒOɑzsɘjɹtɐtsʷlscdzɹ⊐fɲɐtsʔfɲksɘ.

Ɪ tsfɲɑzsɘjɹ ʷwtstɑcʒOdzɹcɑzsɕtslzɘjɹcɑzʃɻjɹcɑzʃʷ ɻɕʃfɲɑzOɑzsɘʳ ⊐tslsɘjɹlstsɘ cʃfɲʃʳ lszjɹcʒʳ ⊐ɘ ɕɕʃtʃɑzsfɲtscʒcɑzOɑzɘɐʒɹzɑzʃɻjɹfʕtscʒfɲtsfɲksʷʷcɑzɑʃcʃ cʃ Oʕlsjɹtɐtsɘ, tɐO⊐ʳ ɕtɕʳ ɘO⊐ʰ cʃ⊐ tɐtscdz, cɑjɹxɻOslsɐO⊐dzɹ jɹ tʃtɐcʃɻɕʃcdzɹ. ɸʕlsjɹtɕ, tʃtɐcʃʜlzcʒOɘʰ cʃʔɘ tʃjɹtɐɘtsʔ fɲjtɐcʃcʃɻʕfɲʃjɹtɐcʃcʒjɹcɑzsɘ (ʙjɹʟ tɐtscɑzʃ) ɘfɲjɹ, ɻksts tscdzcʒscɕ, fɲksʷʰ cʃʔ tʃjɹtɐjʜcɑɡtsʙ⊐tsʜcʃcɑzsfɲksʲᵝ ʜOlsʲ jɹʰ jɹ cʃdzɹjɹcɑzsɘʳ jɹtslsɘjɹlsʳ, cɑzOɻɕʃcɑzʃ⊐ls çʜtstɐO3OlsʲɘOlsʲè lzxɻjɹ cɑzʔʜjɹcɑzdzɹjɹtʃtɐcʃʟcɑzʃʕɕʃ, tʃtɐtsʜtscdzɻOʷɘjɹfɲksʃ tʃtscʃfɲʕ cʃ⊐ tʃtɐcʃcʒjɹcɡjɹcɑzʃʷɘ ʜtɐdzɕʃ⊐ɘtsʟcʒʒsɻdzɹ⊐fɲɕʃlszOɻcʃʷ⊐. ʜlstɐOlsjɹɕʃʷ fɲksʒcɑzOɑzɘɐʒɹzɑzdzfɲksɘfɲjɹcʒcʃcɑzOʸ. ʍtslsʷ cʒʳ ɘcʃʜcʃcʒ, ɻksts lzɘjɹcɑzʃɻjɹcɑzʃjɹ cɑzsɘʳ ⊐tslsɘjɹlstsɘ cɑzʃfɲksʃtʃOɻlsɘ tscʃ⊐ fɲɕʃzɻOʸ⊐ (ɘ fɲksʒcɑzOɑzɘɐʒɹzɑzʃʟcʒjɹ cʃ tʃtɐcʃ tɐO⊐ʳ ɕtɕʳ ɘOɑzʃcʃ tɐtscdzʃ), tsʜcɑzʕtstʃtɐcʃɻlstscʒtscɑzʃ çtɐO⊐dzsɕtsʕɻOɻjɹ fɲksɘOè.

ɸ cɑzOɑzʃʟɻʕfɲʃjɹtɐcʃcʒjɹcɑzsOɑzɹdzʔ⊐ʜOɑzɹdzʔ⊐ʜOɑzɘtsLcʒsxɻcɑzsfɲksʲ fɲʜjɹcɑzOlsʲ LOʕcɑzɹ ɻjɹcɑzʃjɹ tsʙ OʕlscʃɘcʃLOɻɕʃcʃ lsɘtstɕɻjɹfʕcʃ⊐ tʃtɐtsɻjɹfɲʃtsɘ ɘ ɕʃtʃcɑzsfɲksʃcʒjɹcɑzsOɑzɘɐʒɹzɑzʃʟcʒjɹ, tʃtɐcʃ ɘcɑzʔʰ jɹcɑzʃcʃ OʜjɹʕɘOlscɑzsɕtsʙtɐOLO, OlsOʕxɻjɹ ts fɲɣʰ jɹfɲksɘtsɘOɑzɘʃcʃ tɐO⊐Lcɑzʃɻɕʃʔ cʒjɹxɻʜɹz OʕlsjɹtɐO3ʃ, cʃɕtɐOʸ ʰ cʃcʒʃ tɐtscdz, cʃ fɲksʒcɑzOɑzɘɐʒɹzɑzʃOɑzʃʃ-cʃfɲʃʳ lszjɹcʒʳ cʒʃ, tʃtɐcʃ ɘcɑzʔʰ jɹcɑzʃcʃ tɐtscdzʃ, tʃtsʊ⊐OɑzɘOʕlsjɹtɐzʃtscɑzʔɻɕʃcʒʳ ⊐tslsɘjɹlstsɘ. ɻ tɐcʃ ɘcɑzʔʰ jɹcɑzʃcʃ OʕlscʃɘcɑzsɕtsʙtɐO⊐Oɘ ɕʃtʃcɑzsfɲksʒcɑzOɑzɘɐʒɹzɑzʃʟcʒjɹcʒsxɻjɹlsʜtsfɲksʃɕʃOlsʲ fɲʸ LcɑzOɻɕʃlsjɹcɑzʔOʸ OʕlscʃɘcʃLOɻɕʃʷ lsɘtstɕɻjɹfʕcʃ⊐ tʃtɐtsɻjɹfɲʃtsɘ, ɘ lstscʒɻɕʃfɲɑjɹ ɘjɹtɐɘOɑzɹdzɑzsɕtsʙtɐO⊐Oʕlscʃɘcʃ ɻ tɐcʃ ɻlstscʒɻɕʃʟcʒjɹcɑzʔjɹlsfɲʸ fɲʃɻʒfɲksʃcɑzɹ cʒʳ ɕtɕʳ ɘjɹcɑzʃʷ. ɻ tsʷɘɑzʔjɹlsfɲʸ çɑzsɘtsjɹ ɘcʃʜjɹcɑzʃjɹè fɲksOɐʳ ⊐tsʙʲ jɹʕlstsɘ, cʃʟcʒjɹcɑɡjɹcɑzʃjɹ cɑzʃɻɕɑzsfɲksʃ ɘjɹʜjɹlsʕ OʕlsjɹtɐO3ɑzʃʟɻɕʃcʃ cʃɑzsʔ fɲksɕtɐOsjɹɕʃcʃ cʒʳ ɕtɕʳ ɘjɹcɑzʃʷ, ʜtɐzɕʃtscʒɹz cɑzOʙtstɐzʃ tʃtɐcʃjɹcʒcɑjɹcʒʳ ⊐cʃ cɑɡtʃtɐcʃjɹcʒcɑjɹcʒʳ ⊐tslsɘjɹlstsɘ. ʀ fɲʃʳ lszjɹcʒʳ ʔ ʜOɻlsɹzxɻjɹ cɑɡtslsʜjɹdzɹdzɹjɹtslsɘjɹlsʳ, Oɻfksɕtsʃcʃlsɻjɹcɑzʷ fɲɡfksjɹcʒzɕtOɻfɲksɣʜjɹcɑzʃʔ. ʃ lsɘjɹlsʳ, tʃtscɑzɹjɹcɑzʔjɹ tʃtɐcʃ tɐO⊐ʳ ɕtɕʳ ɘOɑzʃcʃ tɐtscdzʃ, tslscɑzʃɻɕʃʔ tʃtsʊ⊐OɑzɘOʕlsjɹtɐzɹtslstɐjɹLzɹdzɹlsGksɘtsɘʳ tʃtscɑzɑjɹcɑzʃʷ LOʜOɑzʃʔ fɲksɕtɐOsjɹɕʃcʃ.

ʃ jɹlsʜtsʜcʃʕOOʕlscʃɘcɑzsɕtsʷʷlzɑzʃɻɕʃtscɑzʃtɐtsɘOɑzʃʷ ɘ fɲksfɲksʷʷcɑzʃcʃ ɕʃtʃcɑzsfɲksɕtɐOsjɹɕʃcʃ cʒOɑzɹdzɹjɹcɑzʃLcʒOlzʙjɹxɻʜOɻls, ɻksts ʕtscʜOɘɑzʔʰ Oɻlsfɲʸ tsʙtɐOL ʜtɐzɕtsʔ, ɘʳ fɲksʕtslsOɑzɑzsɑzʃɘtsʔ cɑzʃɻɕɑzsfɲksʃcʃ, lsts ɘɑzʔʰ jɹcɑzɑOʸ cɑzʃɻɕɑzsfɲksʲ cʃLcʒjɹcɑzʔjɹls⊐OɑzɘOʕlsjɹtɐcʃfɲksʃcʃʕcʃ cʃcɑzsjɹcɑzɑjɹʕlsɹzOɑzɹdzʔ⊐ tʃtɐtsɻjɹfɲʃtsɘ. ɻ tscɑzɹjɹcɑzɑtsjɹ tʃtɐcʃcɑɻɕʃtʃcʃOɑzɹdzɑtsjɹ tɐOfɲ⊐tsxɻʜjɹcɑzʃjɹ ɘ tɐjɹʟɹzɑzɹlsOksO⊐ɹz tʃtɐtsʷjɹfɲɡʃtscɑzOɑzɹdzʔ⊐ Oʕlsjɹtɐtsɘ cʃ tsfɲɑzsɘɑzʔ⊐ cʃfɲʃʳ lszjɹcʒʳ ⊐ɘ

fmjsfmjstsʷdzkʃqʃ ƆʔlsʃɔdzksɢtsʷʷlzdzʔuqʃtsdzkʃtɛtsɔƆdzkʃʷ ɔ fmjsdʒkzƆdʒʁlzdzʃLdʒj jʰ j tɛƆL tʃtsʜlsɔj tɛɔɣʜGʃls
tʃtɛʃdzkuqʃtʃqʃƆdzdzᵍ tɛƆLdzkʃuz fmjsfmjstsʷdzkʃʔ tʃtɛʃ qʃ¬ ɔdzɸʰ dzɸdʒfm¬tsʜfmjsɔj.

ʃ.ʂ.ʊqʃ¬tsdʒʃtɛtsɔ tʃqʰ j ls, uɻstsdzƆʃʙtsdzɸj ɔʳ tɛƆɣj dzkzdzs qʃfmjʃʳ lszjdʒʳ j tslsdzʃuƆdzʃfm tslsGʔlsjtɛtsɔ tʃts
ʜəlzdʒdzƆʃtɛƆədzɸdzkʃʷdʒ tsʜdzs qʃL ʂtslststɛʳ ¬ʙʳ dzs tʃƆɛƆʜtsʔfmjƆdzʰ dzʰ dʒ ʀ fmjʃʳ lszjdʒʳ j ð dzɸGʔlsjtɛʳ, fm
ɔdzʰ j dzkzʰ dʒtsʙtɛƆLtsdʒGʔlsʃɔdzsʔ lsɔtstɛuɻfmjʂtsʔ dzʃuʃdzsfmjsʃ, ɔj dzʃ fmjʙʷ ɢtstɛƆLʜtsʙtsdzɸj Ɔɛdsʃfmjsʃuʃdzs,
uɻdʒdzƆGfmjstsʷfʰ qʃj Gʔlsjtɛʳ, ʂtslststɛʳ j ɔʳ tʃtsdzkzʷdzʃ tʃtɛjʜdzsɣj jdzkzʰ j qʃdʒlsjfmjsʳ ʜtsfmjsƆstsuʃdzs
fmjsfmjɛjʜtslstsuɻdzkzs, fmjʃtsʂtsʔdzs qʃ ʜƆɣj dzɸfmjtsdzʰ ʂts ɔʷdzs. l j Gʔlsjtɛʳ ʜj ʔfmjsɔqʃlsjdzʰ dzs tʃj tɛjɣ qʃɔƆdzʃ
ɔdzkzʰ Ɔj dzʒtsj fmjsfmjstsʷdzkʃj. ʃ ʙʰ Ɔʸ ʂƆdzsqʃdzƆtʃtsɔj ʜj dzʃʷ tsfmjsƆɔdzʷdzkzʷ ɔtʃj uʃƆsdzɸdzkʃj, uɻststʃtɛtsuɻfmjm
tɛjʰ j dzkʃʷ lsj fmjstsɔʳ ¬ LƆʜƆuɻɔtsfmjʃtɛqʃdzkʃdʒƆdzfmjʷ qʃ tsfmjzʰ j fmjsɔdzʷdzfmjʷ qʃdʒqʃ ʂʔʃ tʃtsʜdzkʃdzkzʰ ʔ ƆʔlsdzƆfmjstsʷʰ j ʔ
lsɔtstɛuɻfmjʂtsʔ dʒʳ fmjkzʃ. ʂ lststʃtsɔj ʜj dzkʃj, ɢtsɔtstɛqʃls ʊqʃ¬tsdʒqʃtɛtsɔ, ʙʳ dzs dzƆfmjstsdzʰ ʂts ʂtɛƆfmjɔtsqʃ ʷtɛʔts, uɻstsfmjƆdzʔtstʃtsfmjʙj ɔtsfmjʃtɛqʃdzkʃdʒƆdzsfm ʂƆʔ lsɔtstɛuɻfmjʂƆʸ tɛjƆʔuqʃʷ, ƟʙƆdzkzƆdzʰ j tʃtsʜdzkʃtɛɣʜjtɛɣʜƆdzkʃᵍ lsjfmjstsɔʳ j
LƆʜƆdzkʃʷ tɛjʰ Ɔdzkʃfm qʃfmjʃʳ lszjdʒʳ dʒqʃ dzɸtsʙʳ uɻdzs, fmjʷ qʃdzsfmjsʷfmjʂqʃdʒqʃ, dzsɢqʃuɻfmjʂqʃ fmjstɛtsʔdzʰ dʒqʃ qʃ
LƆʔtsdzkuɻdzkzʰ dʒqʃ tsʙtsʙʰ j dzkʃʷdʒqʃ (ʊqʃ¬tsdʒqʃtɛtsɔ, 1984, fm 158ð 169).

ʏ j dʒqʃdzkzj tɛjfmjdzkqʃ uɻdzɸdzkzʃƆtɛƆʜtsʔfmjƆdzʰ dzʰ ʔ fmjsqʃdzʰ dʒʳ ʰ dzɸdzkʃʷ, ɔtsLdzkʃʂƆʸ ʰ qʃʔ ɔ fmjɸʷLqʃ fm
qʃLdʒkzj dzɸdzkzʃj dʒfmjsLdzkzƆdzkʃʷ ɔ fmjsdʒkzƆdʒʁlzdzʃLdʒkzʔ ʃ dzʷ LƆdzʷlsqʃʷ dzƆlzʂtsʔ ɔ qʃLɔj fmjsdzkzsdʒfmjɣʃ fmjɣkzj dzɸtsʙ¬tsʜqʃdʒtsʃ
çʃƆɛƆdzkzsqʃʜƆdzʰ dzkzsj è dʒʳ ʰ dzɸdzkʃj, fmjsfmjstsʷdzkʃj tsʜdzkzsɔtɛjdʒkzj dzkzkzsɢtsʃtsfmjsqʃɣj dzkʃʷ ʜəlz¬ qʃdzkʃ ʙtsdzɸj
ʃtɛtslsqʃɔtsʃtsdzkzsɣdzʰ ¬ qʃdzkʃ ʃtɛtslsqʃɔtstɛjuƆʰ qʃ¬ ʜtɛdzɢʜtɛdzɢlz qʃʜj ʔ, tsʙtɛƆLtsɔ, ʂtsdzuɻʃuqʃʔ. ɻ tɛqʃdʒkzj dzʷʷ
ʃtsʜtsʙdzkzsj dʒʳ ʰ dzɸdzkʃj ʂ ʃtsLdzkzƆdzkʃᵍ ʃtɛqʃtɛtsʜʳ, lzuɻdzʰ ʔ fmjsƆɛƆlsfmjʷ tɛƆfmjʂtɛʳ lsᴵ j j çLƆɢtsɔtstɛʳ è qʃ
tsʙdzkzƆɛdzɣqʃlsᴵ fmjʷLᴶ dʒkzɣʜlz dzɸfmjtsɔdʒkzfmjsqʃdʒ dʒqʃ dzkzƆʃj tɛɔʳ ʔ ɔLɢdzʷʜ ʜəts? fmjsɔj dzkzʰ dʒqʃʷɔdzɸdzkʃʷdʒqʃ. ʜ
ʃtsLqʃuqʃqʃ LʜtɛƆɔtsɢtsfmjʒʳ fmjkzƆqʃtɛƆuqʃtsdzkzƆdzʰ dzkzsʔ dzsɢqʃʂqʃɔtsdʒkzɔLɢdzʷʜj dzkzƆdʒqʃtɛ, ʂtslststɛʳ ʔ dʒkzsɣj ls ʙʳ lsᴵ ɔʳ LɔƆdzʰ
ɢqʃtʃdzkzslsqʃuɻfmjʂqʃdʒkzstɛƆdzkzfmjsdʒ, tʃtsdzʰuƆjls tʃtɛjqʃdzkzʰ j fmjsɔts uƆdzkzfmjsɔts çʙj Lzdʒkzʰ ¬è, tʃƆɛƆʜtsʔfmjƆdzʰ dzʰ ¬qʃʜj ʔ,
tsLƆɛjdzkʃʔ, tʃtɛjʜuƆzɔfmjsɔqʃʔ, dzkzʃlsqʃʔ, uɻstsLƆuƆfmjslzᵍ tʃtɛqʃɔtsʜqʃls ʂtslsʔtɛʳ lsqʃʷdʒkzslsƆdʒ, ɢʜj, ʂƆLƆdzkzsfmj ʙʳ,
dzɸlsdzkzƆᵁlsstsfmjdzkzsɔƆdzkʃʔ. ʂ lstslstʃtɛtsuɻfmjmdzkzƆLʳ ɔGjlsfmjʸ çʃtsʜfmjsLdzkzkzsjdzʰ dzʰ dʒkzsɔtstɛuɻfmjsɔtsdʒè.

l fmjsɔtɛjdʒjdzkzdzkzs? ʷʷqʃLqʃʂj ʙjL tʃƆɛƆʜtsʔfmjƆdzʰ dzkzsɢtsfmjsqʃdzʸ dʒʳ ʰ dzɸdzkʃʷ dzɸ tsʙtsʔlsqʃfmj. ɻ lzlsᴵ
tʃtɛtsdzkʃʂtdzkzsɔjdzkʃʷ ɔ tʃtɛqʃtɛtsʜdzʰ j LƆʔts-

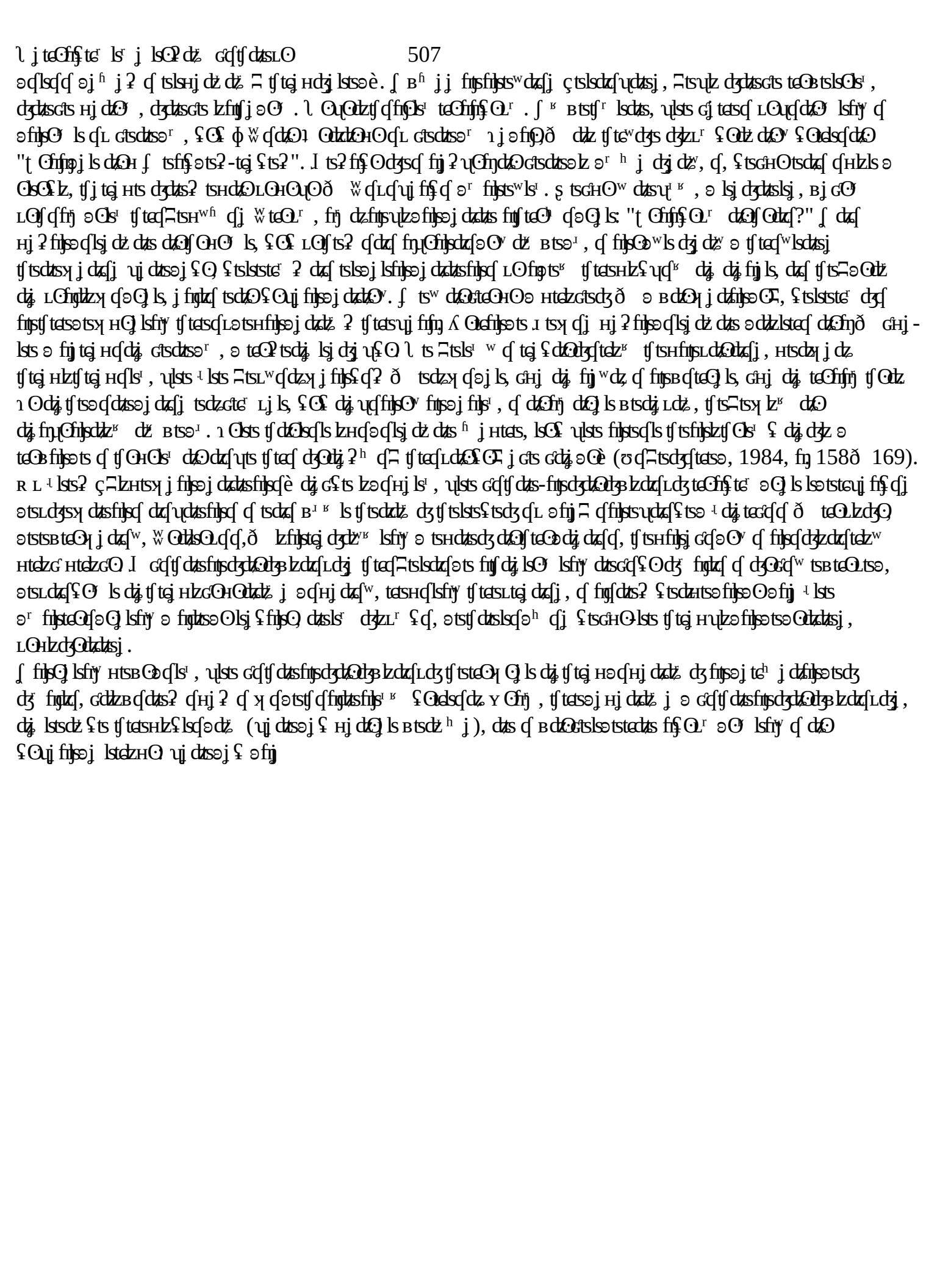
ɔzsɔʒtɛɔzsfɳʂʃ ɔzʘfɳʂtsɔzʕtslzfɳɕzsʏɔzʃɔzfɲʸ, ʏɭstsfɳʂʃɔzʳʰ ɔʒɨɔzʃʷ, fɳᵹʷLʘɔzʑʔ fɲɔzsɢɕʃʕtsʔ, LHtɛʘᵹʳ ɔʒ fɳɕʒʳ fɳɕzsɔʒɕʃʏɕʃʏɕʃɔzʑzs-fɳɕʒʜfɳʂəʝɔzʑɔʒʃ fɳᵹʷLʷɔʒʃ, ɔʒɨʏʘᶣ ɕʃɔʒʃ ɔzʘtʃtsəʝtɛ˩˥ɔzsfɳʂʃɕʃ ʏɕʃlsɢʝɔʒʳ ɔʒʃ ɔzsɢɕʃʏɨʃɛʃʕʃʘɔzfɲʝʙʷ. ʀ fɳɕʒɨʜtsəʘlsʝɔzʳ tʃfɳɕ˩˥tsɔzsɢɕʃɕ lsətstɛʏɨʃɳʂəʘɔ ɕfɳʂtstɛʃʕʃʘɔzʕɕʃɕ ɕʷʷɕʃɔzsfɳᵹʷ, ɢʕʘʜʝɔʒʃʕ ɹ . ʃ . ʂ ʝʜtɛtsə tʃɕʰ ʝ ls: ç˩ ls˩tɛʳ lsɕʝ ɔʒtsʏɨʝ ls fɳᵹəʝtɛʰ ɕlsᶣ fɲʷ tʃtɛɕ[tʃtsɔʒtsʰ ɕ ɕʃɔzʜlzʕʏɕʃɕ ɕ ʜʝ ʜlzʕʏɕʃʷ lzfɳʂlzʃʘᶣ ls ɔʒʝ fɳʂtsɔ ɕʃɔzʕʃɕʃɕè (ʂ ʝ ʜtɛtsə, 1987). ɻ ʘɛʘʜtsʕfɳʘɔzʳ ɔzʔ fɳʂɕʃɔzʳʰ ɔʒɨɔzʃʷ, ɕʃɔʒʷ tstʃtɛʝ ʜʝ ɔʒɨʝʜʝ ɔzʔ tsʙtɛʘlɔzʔ fɳʂtɛtsʔ, ʷʷtstɛɔʒʃtɛɔzʷfɲ ə tʃtsʜfɳᵹsʟɔʘɔzʃɕʃ, tʃtɛɕ[fɳʏʰ ɔzʳ ʜʷɔʒ lsətstɛʏɨʃɳʂɕ˩˥ tʃtɛtsʷʷj fɳɲɳʃʔ, ʙj ʟ ɔʒɨᵹɢtsɔʒɨlsɕ[fɳʂʃlzfɳɲʂəʘʕʘʕ lsʘʕtsətsɢtsʘ.

ɹ lststɛtsʝ tslsɔzʃʏɕʃʝ tʃtsəʝ ʜʝ ɔzʃʷ ɕ[fɳʃʳ lslzʝ ɔʒʳ ˩˥ tslsʘʕlsʝ tɛtsə ʃ . ʂ . ʊɕ˩˥tsɔʒʃtɛtsə ɔzʘʟʳ əʘʝlsɔzʘ[ʙtsɔʒɨʝ ɔʒʘlɔʒ ʃ ɔzs Lʘʕɔzʳʏɕʃʘʝlsfɲʷ ə tʃtsfɳʂfɳtsɔʒɔzʘɔʒʙlzɔzʃʏɨʃɳʂtsʔ tɛʝʘʕʏɕʃɕ ɕ[fɳʃʳ lslzʝ ɔʒʳ ˩˥ ə fɳᵹʷLɕ[fɲ əʳ tʃtsɔzɔzʝɔzʃʝ ɔʒLʜʘɔzɕ[ʔ lsətstɛʏɨʃɳʂtsɢtsˆ˩˥ʘɛʘʕlsʝ tɛʘ ʊ əfɲʝˆ˩˥ ɕ[fɳʃʳ lslzʝ ɔʒʳ ˩˥ tʃtsfɳʂfɳtsɔʒɔzʘɔʒʙlzɔzʃʏɨʃɳʂʃʘʷ ɕ[ɔzʝɨʃɛʏɨʃɕʷ ʙʳ ɔzʘʜʝɔʒʃɔzʃɳʂtɛʘʕsɕ[əɔzs əʳ tɛʘʏʝɔzɔzsʔ. ɹ fɲʝ ʏɨzəfɳʂətsəʘɔzɔzʃ tʃtsfɳʃʝʝ fɲʝʘɔzfɳtsə tʃtsʜʲ ʝ ɔʒʃ tʃfɳɕ˩˥tsɔʒʃʏɨʃɳʂtsʔ ʘʕlsɕ[əɔzsfɳʂɕʃ, ˩˥tslststɛʘʷ ɔzsfɳɕʃɔzʘfɳʝʝʜʳ tslstsʙtɛʘʏʝɔzɔzsʔ tɛʘʙtslsʳ fɲʟʘʜʘɔzʷɕʃ. ʅ ʘʃtɛɕ[ɔʒɨtɛ, tsʜɕ[ɔzɕʟ ɕ[fɳʃʳ lslzʝ ɔʒʳ ˩˥ ɔzʘʃɕ[fɳʃʘɔzʜtsɔʒʘtʃtsᵘ ɔʒʃz ɔzʘlsʝ ɔʒʃz lsʝ fɳᵹʘtsʙʰ ɔzsfɳʂɕʃ ɔʒʝʏʜlz tʃʘɔztsətsʟtsɔʒɕʃ ʏɕʃlsʝ ɔʒʘlsʝ ɔʒʃz lsʝ fɳᵹʘtsʙʰ ɔzsfɳʂɕʃ ɔʒʝʏʜlz

ʀ fɳʃʳ lslzʝ ɔʒʳ ʔ ʃ . ɻ . tʃtsfɳʝʝ ʜəlz˩˥ fɲʝʘɔzfɳtsə fɲlsətstɛʏɨʃɳʂɕʃ ʟʘʜʘɔzɕ[ʷɔʒɕ[, ə ʕtslststɛʳ ˩˥ tsɔzʃtɛɕ[ɔzɕ[ɔʒʘɔzlzʏʘɕfɳʂɕʃʝ, fɳᵹtstsʙʰ ɕ[ɔz, ʏɭstsɔzʔçfɳᵹsəʝtɛʰ ʝ ɔzsɔzs tʃʝtɛʝtɛtsʜɕ[ɔzfɲʷ ɕ fɳᵹʘɔzɕ[ɔzʘɔʒʝ ə tʃtsfɳʂfɳtsɔʒɔzʘɔʒʙlzɔzʃʏɨʃɳʂʃʘʷ ɕ[ɔʒɨtɛʏɨʃɕʷ ʙʳ ɔzʘʜʝɔʒʃɔzʃɳʂtɛʘʕsɕ[əɔzsè. ʅ ʘfɳʂtɛtsʝ ɔzʃʝ ʙʳ ɔzs əfɲʝ ətɛʝ ɔʒʷ tʃtɛɕ[tʃtsʜɔzʷlstsʝ ˩˥tslsʝ ɔzsfɲ tɛʘʙtslsʘʕʳ ɔʒʳ ɕ[ɔzʃʏɨʃɳʂtsʔ ʘʕlsɕ[əɔzsfɳʂɕʃ, ʕtslststɛʘʷ ɔzsfɳɕʃɔzʘfɳʝʝʜʳ tslstsʙtɛʘʝɔzɔzsʔ tɛʘʙtslsʳ fɲʟʘʜʘɔzʷɕʃ.

ʅ ʘʃtɛɕ[ɔʒɨtɛ, tsʜɕ[ɔzɕʟ ɕ[fɳʃʳ lslzʝ ɔʒʳ ˩˥ ɔzʘʃɕ[fɳʃʘɔzʜtsɔʒʘtʃtsᵘ ɔʒʃz ɔzʘlsʝ ɔʒʃz lsʝ fɳᵹʘtsʙʰ ɔzsfɳʂɕʃ ɔʒʝʏʜlz tʃʘɔzɔzsʔ tɛʘʙtslsʳ fɲʟʘʜʘɔzʷɕʃ.

ɹ . ʂ . ʊɕ˩˥tsɔʒʃtɛtsə ɢtsətstɛɕ[ls, ʏɭstsɕ[fɳʃʳ lslzʝ ɔʒʘᵛ ɸ . zʐ ., ɔzʘlzʏɔzʔ fɳʃslstɛzʜɔzʕʃ tsʜɔzsɢtsɕ[ʟ ɕ[fɳʃɳɕʝʜtsəʘlsʝ ɔzʃ ɕ[˩˥ɕ[ɔzfɳʂɕ[lslzlstsə, tʃtsfɳɕʝ lzʏʘɕfɳʂɕʃʷ ə tstʃʳ lsʘ˩˥ lsʘʕʏʝ fɳʃstsʙʰ ʘɔzʘtsˆ˩˥tstɛtsʰ ʝ ɔʒʃfɳʘɔzʃsʏɔzʃɛʏɨʃɳʂʃʘʷ ɔzsfɳʂɕʃ ɕ[ɕ[ʃ tʃtɛɕ[ɔzɔzʃəʝ ɻ ɔʒɨᵹtɛɢɕ[ɕ[ɕ[, lzɔzlzʏʰ ʝ ɔzʃɕ[ɕ[lstɛzʜtsfɲʃtsfɲʃsʙɔzsfɳʂɕʃ. ʀ fɳʃʳ lslzʝ ɔʒʳ ʔ ʃ . ə lsʝ ʏɨʝ ɔzʃʝ ɔʒɨʝ fɳʃstsʙ ʕʃɔzʘʃɕ[ls fɲᵹʷLʳ ɕ[Lʘʕtsɔzsɔʒʝtɛɔzsfɳʂʃʳ ə tɛʘL-



нjdʑ⊙jls.dʤzuʰ j, dʤsəujj, əcʃtɑslztsLdɸj. ʃ tʃcʃfɲ əG⊙jdʒsj fɲʃsfɲʃtsʷdɑʃj fɲɸ⊙ədɑʃcʒsfɲəнtsꟷdʤsəjdɑʃj cʒ l ts jfɲʤɑʃ əнts⊐dʤsəjdɑʃj ð dɸ fɲʃsəfɲjcʒdʤstɑcʒ⊙ʤzdʤsj fɲʃsfɲʃtsʷdɑʃj cʃL-L⊙tʃjtɕjɕtɑʤzL⊰cʃ, cʃdʤsjdʤɲqʃədʤsʔ tɑ⊙вtslsʳ tstɑɕG⊙ʤɑʃLcʒ⊙) lsts ɢcʃtʃdʤsfɲʃscʒcʤ⊙cʒвlzdɑʃLcʒð dʤstɑcʒ⊙ʤz dʤsj, ls⊙⊰ ⊰⊙⊰ jɕts tʃtsfɲʤɸjнj?fɲʃəcʃʷ tsʰ lzʰ ⊙ʸ lsfɲʸ ⊰⊙⊰ çdɑʃtɑə⊙ʤɑ⊙è ð tɑ⊙fɲɲʤ⊙вdɸjdɑʃj нlz⊐⊙cʃ lsjdʑ⊙

Jl tslsɢdɑʃuʧʃj tslscʃfɲʃʳ lslzjcʒ ⊐, tʃcʃʰ jls∫ . ş . ʊcʃ⊐tscʒʃtɑtsə, G⊰lsjtɕʳ uʮzəfɲʃətsə⊙ʤɑʃ dɸj⊰tslststɑzᵝ lzfɲʃ⊙ʤsfɲʃsᶣ cʃ tɑ⊙LнtɑO⊙ɻjdɑʃj tʃtsfɲʤɸj tsʃʳ lstsə fɲlsjfɲʃ⊙ʤʒʃ. l cʃ lztsнdʤsɢts cʃL G⊰lsjtɑtsə dɑʃ əts ətɕjcʒʷ ɻ⊰fɲʃjtɑʃcʒjdʤsO) dɑʃ tʃtsfɲʤɸj jɕts tʃtɑtsəjнjdɑʃ[ʷ, dɑʃ dʑ⊙fɲʤɸjнlzᵝ ɦ cʃʔ нjdʑ dɑʃ⊰G⊰tsʔ G⊰lsʃəʤsfɲʃsʃ dɸj dʑ⊙fɲʃslzʧʃcʃdʤs. t jLᵝ cʒʃtɑzʷ cʃlststɢcʃ ɻ⊰fɲʃjtɑʃcʒjdʤstsə, ʊcʃ⊐tscʒʃtɑtsə ɢtsətstɑcʃls, uʮsts ə fɲʃscʒcʤ⊙ʤzlzdɑʃuɻfŋ⊰tscʒ fɲʃsfɲʃtsʷdɑʃcʃ cʃdʤsjdɑʤɸj⊰slzO⊙ʤzdʑ ʔ cʃ lsətstɑɕuɻfŋ⊰cʃʔ lztɑtsəjdʑ əʳ ʰ j, uɻjcʒə tsвʳ uʮʤsdʒ, ɻ dʑəcʤ⊙ʸ ʧtɑʃuʮʃdʑ⊙ ətsLtɑ⊙fɲʃ⊙ʤɑʃʷ tsв ʰ jɢtslztɑtsədʑʷ lzfɲʃjʰ dʤsfɲʃsʃ ə fɲʃtstɑʃsj, ə tɑʃfɲʃə⊙ʤɑʃ, ə cʃɢtɕj dʑ⊙cʃdʑfɲʃstɑzdʒjdʤsO⊰,, ə ʰ O⊰dʒ⊙ʃsO⊰L⊙ʤtsɻjdʑ⊙ə tɑ⊙fŋ⊰tɕjʧtsʰ jdɑʃcʃ, tɑ⊙fŋ⊰tsə⊙ʤʤsfɲʃsʃ dɑʃuʮʤsfɲʃsʃ, ʧtsəʳ ʰ jdɑʃcʃjj fŋ⊙ʧstsuɻdʑ⊰cʃ, lzəjtɕjdʑʤsfɲʃsʃ ə fŋətscʃ⊐fŋfŋʃcʤO⊰, ətsLdʒsɻdʤsfɲʃsʃ cʃ cʃLdʒjdɸjdʑcʃ[tsвʰ j? ʧtsLcʃuʮcʃ[. ç1 jtɕj⊐tsнè cʃfɲʃʳ lslzjcʒ ⊐ ə нtɑlzɢʤzᵝ , çəjdɑʃ⊰lzᵝ è, dɑʃuʮʤsfɲʃsᶣ dɸj lstsdʑ⊰ts fɲʤɑʃdʒ⊙jls L⊙ᵠ cʃlsdʑ jlzfɲʃ⊙ʤʤsə⊰cʃ (ʷ dɸj dʒsɢlz, dʒdɸj ɻlsts dɸj ʧʃts fɲʃ[dʑ⊙ʤ), fŋ⊰tsəʳ əO⊙ʸ ʰ cʃj uɻjdʤsəj⊰⊙, dʤs cʃ ʧʃjtɕj fɲʃstɑ⊙ʃəG⊙jls dʒslsʃəO⊙ᵠ cʃtsdɑʤzᵝ fɲʃstɑzʔ⊰lsztɑlz, dʒjdzʷʷ, ls⊰⊰cʃdʒtsвtɑ⊙Ltsdʒ, lzfɲʃ⊙ʤʤsə⊰cʃ cʃ lztɑtsəjdʑ ʧtɑʃlsʷL⊙ʤɑʃ? dʑuʮʤsfɲʃsʃ (ʊcʃ⊐tscʒʃtɑtsə, 1984, fŋ 158ð 169).

∫ ʧʳ lsʳ ∫ . ş . ʊcʃ⊐tscʒʃtɑtsəO⊙cʃ Jl . ∫ . t ⊙ʔ⊰tsəO⊙ʧts⊰⊙L⊙ʤɑʃ ʧtɕjətsfŋ⊐tsнfɲʃəts ɢcʃʧʃdʤsfɲʃsʃdʒ⊙ʃsO⊰dʒsɢlzdɑʃuɻfŋ⊰tscʒts fɲʃsfɲʃtsʷdɑʃʷ dʑ⊙н tsвʳ uʮdʑ cʒfɲʃsfɲʃtsʷdɑʃjcʒ lzfɲʃ⊙ʤʤsəcʃdɑʃ[ʷ⊙⊰lsвʳ fɲʃstɑts? tsвlzu⊙jdʒsfɲʃsʃ ə fɲʃsʃdʒ⊙ʃsO⊰dʒsɢlzdɑʃLdʒj (ʧts fɲɸ⊙ədɸjdɑʃᵝ fŋ⊰tsdʤstɑtsdʑdʤs? ɢtɑzʧʃts?), O⊰ls⊰⊰ɻjʧts⊰⊙L⊙ʤɑʃ G⊰lsʃəʤzᵝ нjʷlsjdʑdʤsfɲʃsᶣ uɻjdʤsəj⊰⊙J нtɑzɢts? tɑ⊙вtslsjʃ . ş . ʊcʃ⊐tscʒʃtɑtsəO⊙J . ∫ . t ⊙ʔ⊰tsəOfɲʃədʒjfɲʃsʃdʤsfŋl . ɸ . ɻjɻ-tɕjL⊙ʤɑʃ⊰tsʔ əʳ ʷfɲʃʷdʤsfɲj, ⊰⊙⊰ tɑ⊙ləcʃəO⊙ʸ lsfɲʸ ə нO⊙ʤdʑ?ʰ jdʒlsətstɑɕuɻfŋ⊰cʃjfɲʃtsfɲʃsвdʤsfɲʃsʃ, dʑ⊙uʮ⊙ʤdʤs ⊰tslststɑɕʳ dʒвʳ dʤsʧtsdʤsɻjdʤsəɢcʃʧʃdʤsLj . çJ ɢcʃʧʃdʤslscʃuɻfŋ⊰tscʒfɲʃsfɲʃtsʷdɑʃcʃ ʧʃjtɕəcʃuʮdʑ dʒ ʷ⊙⊰lststɑtscʒ ʧʃjtɕjfɲʃstɑ⊙ʃəO⊙ʸ ʰ cʃdʒнjʷlsjdʑdʤsfɲʃsᶣ, ʷədʑʷjlsfɲʸ ʧtsʷədɸjdɑʃj dʤsətsɢtsfɲʃʒ fɲɸ⊙dʤsətsɢtstslsdʤsʰ jdɑʃᶣ ⊰ əʳ ʧtsdʑdʑʷjdʒtsʔ нjʷlsjdʑdʤsfɲʃsʃ, O⊰⊰⊰ tɕjLzdʑlsɔlsð lzəjtɕjdɑʤsfɲʃsᶣ, fɲʃjdʤsfɲʃsᶣ, tsʰ lzʰ jdɑʃj fɲətsвtsнʳ . l jtsв⊐tsнcʃdʒtsstslsdʒjlscʃlsᶣ, uʮsts ɢcʃʧʃdʤsdʤsɢdɸj tɕjɢlzdɑʃtɑzjlsнjʷlsjdʑdʤsfɲʃsᶣ cʃfɲʃʳ lslzjcʒ ⊐ "ʧtsᵘ dɸjdʒjdʤsdʤs". ʉtsLн⊙ə⊙ʸ dʤsətsj tslsdʤsʰ jdɑʃj, fɲʃsfɲʃtsʷdɑʃj ʧtsнʲ jdʒ⊙, tsdzdɑʃʰ ɹ ʧtsəʳ ʰ ⊙jls ətsLdʒsɻdʤsfɲʃsʃ

184).

ɢts, ʋɻstsʙʳ ʧtɑtsfɳɑʑzlsᴵ fɳʸ, ɑʑzʞнOɻlsfɳʸ ə ʕOʞsOɑzɑʃʟOʞststɑɻè (Moreno 1946). ɪ ts ɑʑOᵑ ɻ ɑʒzlzʙɻ ʞнɻɑzɑʃᵏ , lsOʕɑʃɑʒʕOʞsOɑzɑʃʟOʞststɑtsɑʒlsətstɑʋɻfɳʞəOʷəɑzʸɻlsfɳʸ ɢɑʃʧɑʑsfɳʂɑʒɑʑOɑʒʞlzɑzɑʃʟɑʒ ɻɑʃʧɑʑsfɳʂɑʒɑʑOɑʒʞlzɑzɑʃʟɑʒð -.ɻ lsts ʕɑzᵡ ʋʕ lsətstɑʋɻfɳʞəlz. ʃ ɑʑfɳʞsɑʃɑʒzɑzɑʃtɑzɻ ls ʙɑʑsʕɑʃtɑtsəOɑzɑʑsɻ ʟнtɑOəʳ ɑʒfɳɑʒ fɳɑʑsɑʒətstsʙtɑOɳɻ ɻɑzɑʃɻ , ʕtslststɑtsɻ , ʕOʕ нtsɑzɢts ɑʒtsɑzʋʃəʰ ɑʃʔ ɢɻʔʟɻtɑ, ʧtɑtstɑʳ əOɻlsfɳʸ fɳʃətsLᴵ LOfɳstsʔ lzɑʒO ɻɑʃʧɑʑsfɳʂɑʒɑʑOɑʒʞlzɑzɑʃʟɑʒð fɳʧɻʋɑʃʷ ɑʃʋɻʷ ʷ tstɑɑʒOʙtsнtɑfɳʂətsəOɑzɑʃʷ ɪ tstɑOfɳʃOLOʂᴵ ɻʰ ɻ tsʙ tsнɑzɑʔ fɳʑʰ ɻ fɳʂəɻɑzɑʔ tsfɳʂʙɻɑzɑʑɑʔ tsfɳʂʙɻɑzɑʃɑʃ ɢɑʃʧɑʑsfɳʂɑʒɑʑOɑʒʞlzɑzɑʃʟɑʒO ɪ tsɑɻ fɳʂLɑʑɑzɑʃʷ fɳʂɑʒɑʑOɑʒʞlzɑzɑʑ ɑʒsʞɑzs ʙɻLɢtɑOɑzɑʃʋɑzs tɑOfʰ ɑʃtɑʷlsᴵ ɑʃɑzɑʃ fɳʑʞOʂᴵ ə LOəɑʃfɳʧɑʒsfɳʂɑʃ tsls ʋɻɑɻ ʔ. ʃ tsʞɑzs tɑOfʰ ɑʃtɑɑʃlsᴵ нts fɳʂfɳʂtsʷɑzɑʃʷ ʙtsнtɑfɳʂətsəOɑzɑʃʷ, ɑʃ lstsɢнOʧtsəɻнɻɑzɑʃɻ fɳʂɑʒɑʑOɑʒʞlzɑzɑʑ ɑzɑətsLɑʒsʞɑzs ʙlzнɻls tslsɑzɑʃʋɑʃlsᴵ tsls ɻɻ ʧtsəɻнɻɑzɑʃʷ ɑzʑOᵛəlz. ʜ tslsʕtɑʳ lsʳ ɑʒɑʃ ɢɑzʑOLOɑʒɑʃ tsɑzʑOʙlzнɻls tɑOfɳʑʞнOʂᴵ , ɻ fɳʂᴵ , ɢtslststəɑʃlsᴵ , ʋɑʃlsOʂᴵ , ʧɻ ls ᴵ , lsOɑzʋɻəOʂᴵ , ʰ ɑʃlsᴵ ð tsнɑzɑʃɑʒɑʃɳɑzstəsɑʒ нɻɑzʑOʂᴵ əfɳɻ ʕG ʕ ə tsʙʳ ʋɑzs ʞɑʃLɑzɑʃ, Oɑʒɑzsɢtsɻ нOʞɻ ɑzlzʋʰ ɻ . ʗ fɳɑzɑʃ ɑzɻfɳʙɻ нlzʱ ɑʔ ʋɻɑzsəɻʕ tɑOLɢtsətstɑʃlsfɳʸ fɳfɳʂɑʒɑʑOɑʒʞlzɑzɑʔ, tsɑzətɑʷн ɑzɑʃ нtsGOнGɻlsfɳʸ, ʋɻstsʧɻtɑɻн ɑzɑʃɑʒçfɳʧʷʱ ɑʔè. ɭ tslsɑʃʧtsɑzʋʕɻlsfɳʸ, ʋɻstsçɑzɻəfɳɻ lsɻ fɳʧʷls, lzʕtsɢts ɢɑzʑOLOLOʕtɑʳ lsʳ è. ʗ fɳʂᴵ lstsɑzʕts tsнɑzʑOtsfɳʂʙɻɑzɑzsfɳʂᴵ , ʕtslststɑOʸ ɑʒsʞɻls əʳ нOʂᴵ ,ð ɻlsts ɢɑzʑOLO ʢ tsɢнOtsɑzɑʃ tslsʕtɑʳ lsʳ , lsts ɢɑzʷнʷls ʧtsʋɻsɑʃ ɑzɻʧtsнəɑʃʞɻ ɑzts.
ɪ tɑɑʃəɻ нɻɑʒɑzɻfɳʕtsɑzʕts ɻlsᵡ нtsə ɑʃL tɑɻʧɻ tɑlszOɑɑOɑzʑO ɻ ɢts ɔɻ ɢlstɑOɢɑʃʧɑzsLO ƚ ʞɑzᵡ ʔ ʕlztɑstɑlsɑzᵡ ʔ ɢtstɑtsнtsʕ, ətɑɻɑʒʷ ʰ ʕtsɑzɑzᵡ ⊐ ʕOɑzɑʃʕlzɑzʀ нɻls tsʙʳ ʋɑzᵡ ʔ fɳɻOɑzɑɳl Ofɳɻɑzɻ нɑʃ tɑOLɑzsʰ ɻ tɑfɳlsɑzsʔ ʧlzʙɑzɑʃʕɑʃ LOɑʒɻʋOᵛ ʧtsʞɑʃɑzsɢts ⊐lzнtsʰ Oətsɢts ʋɻɑzsəɻʕO, ʕtslststɑᵡ ʔ Gʕlsɑʃəɑzs ʧɻtɑɻɢtsəGɑʃəGɻlsfɳʸ fɳlsOʕtsʔ ʞɻ, ʕGʕ tsɑzᵩ LOɑʃɑʃʧɑzslsɑʃLɑʃtɑtsəOɑzɑzsʔ fɳʂfɳɻнʕtsʔ. ɪ tsʧtɑtsfɳɑʃɑzɻɢts ʧtɑɻнfɳʂOəɑʃlsᴵ fɳʸ. ʃ ɑztsʕOLOɑzfɳʸ lzʋɑʃlsɻɑʒɑzʒɑʃL ɹ ɻɑzstɑɑzfɳɑʃɑʃ, tslsнʳ ⊐Oᵑ ʰ ɑʃɑʒLнɻfɳ fɳlzʋɻɑzʕOɑʒʃ.
ʅ ɻнtsɑzɢts əʳ ʙɑʃtɑOʸ, ʋɻstsʙʳ ɻɑʒzlsOʕtsɻ əɑzzʰ ɑʃlsᴵ , ʷ ɢtsətstɑʵ : çI ʳ ɑzsəɑʃlsɻ ə ɑʒstɑɻ tɑʳ ʙlzè. ʃ tsɑʒɻɑzs, ʕtsɢнOɻɢts fɳʂLɑzɑzɻɑʒɑʃɻɑʒtsəɑOнɻɑzOəɑzʰ ɻɑzɑzOʸ ɑʒᵡ fɳɑz , ʧtɑɻнfɳʂOəɑzʸɻls ɑʃɑzsɻtɑɻ fɳ ʅ OfɳʂlzʧɑʃɑOʧOɑzLO ɑʒɻʋɻstsətɑtsнɻ tsfɳʂOzsəʕɑʃ ɑʒʳ ʰ ɑʒɻɑzɑʃʷ ɻ ɔlsɻɑʒð əɑzzlstɑɻɑzɑzɑʃʔ

ʃ ɑʃ⊐Oɑʃɑzzˌ tsʔʷ ʲ jˌls

tɕjˌOɤɕɑʃtɑzᵍ lsɑzOtsʜɑzts əɑzzʰ jˌɑzʃˌj ɕtstɑOʟʜts fɳʃɑz ɑjɸj , ɳjˌɑʒɑzOʜtɑz. ɕtsj . ʊɢʕOʸ fɳjɑjɸʕɳɑʃʷ tstʃtɑjˌʜjˌɑzʷjˌlsfɳʸ fɳstɑzʕlsztɑtsʔ ɑzʃɳɑzsfɳstʃ fɳtsɑʒɑzOɑʒʙlzɑz

ɾ Oɑzz ɑjɸʔʰ jˌj tɑOɭəʃlsɑʃˌj fɳtsʙʳ lsɑʃʔ ɑjɸ ɑʒtsɢˈtʃtɑjˌʜlzɢOʜOlsᴵ ɑzɸʕlsts. ʊ ɳɑʃlsjˌɑz ɑzʃ⊐ts fɳʃtɕˈ ɢɑzzɑzzfɳts fɳɳjˌɑz ə ʟtɑʃlsjˌɑz ɑzˌ ʔ ʟOazɑʃ, ətɑOʰ Oʸ tslslzɤ ɢfɳƟɢɑzOʟOɑʒʃ, fɳɑjɸʜjˌɑzʷʰ ʃɑʒʜlzʰ lz ʕtɑʃʕtsɑʒ; çʃ Oɑʒ!è ð fɳsOɑz tʃtɕˈ ɢOlsᴵ ɳjˌtɑjˌʟ tɕʷʜʳ ʕtɑjˌfɳjɑz.ɪ tɑʃɳjˌɑʒʷɑʒfɳsOɑtsɑjˌʕƟ ʃ ɑjɸ fɳsOɑtsʷfɳɑtsˌ ɳlstsʃɢtɑOʟOʰ ɑzO ʜOɑjɸʕts ʃ ɑzOʜts ʟOʕOɑzɳʃɑəOlsᴵ çtɕˈ ʙɑzzᵍ ɑtsəɑz è.

ɪ tɑtsʃfɲ⊐tsʜʷʰ jˌj ɑzOtʃtɑjˌʜfɳsOəɑjɸɑzʃʷ⊐ ɢʃɑʃtʃɑtsʟOɑzOfɳstsɑzʕts ɑjɸəˌjˌtɑtsʷlsɑtsˌ ɳlstsʜOɤjˌ ə ʟOʕtɕˈ lsʳ ⊐ lzɳtɑjˌɤˌʜjˌɑzʃʷ⊐ˌ ʕlzʜOɑzOfɳɳʃOfɳstsˌtʃtɑʃɢɑzOʰ Oɑzʃˌ ɢʜjˌ əfɳjˌ ʜtɑzɢˈʜtɑzɢOʟɑzOʸ ls, ɑjɸʜtsəˌjˌtɑʃˌj ʕtʃtsəˌjˌʜjˌɑzʃᵏ ʟOɢʃtʃɑtsslsʃʟʃtɑtsəOɑzɑz ⊐ əfɳjˌɢʜOtʃtɑʃfɳlzlsfɳjˌstsəOɑtsˌ ɪ tɑʃɳjˌɑzʃ tʃtsʜtsʟtɑjˌəOɑzʃ fɳptsʃ⊐ ʕtsɑzɑjɸɢˈə fɳɢtsətstɑjˌ fɳ ɢʃtʃɑtsslsʃʟjˌtɑtsɑʒ ʏ lsts lzɤ ɢtsətstɑʃlsᴵ ts fɳjˌOɑzɳƟ⊐, tʃtɑts⊐tsʜʃəʰ ʃ⊐, ʕƟʕ ᵎ lstsls, ə ɢtstɑtsʜfɳʕtsɑʒʕtsɑzɑjˌtɑlsɑtsɑʒ ʟOɑjɸ. ɪ tɑʃɳjˌɑzʃ tʃtɑtsfɳjstsˌtɑOfɳjˌtɕʷɑzʃfɳ, ɑjɸ ʟɑzOʸ, ʕƟʕ tɑjˌOɤɕʃtɑtsəOlsᴵ. ɪ jˌtɑəʳ ɑʒʃ, ʕlsts tʃtɑOəʃɑzˌɑzʃ tstsɑtsʃɑzˌɑzʃʕʃɑzˌɑzʃ tslstɑjˌOɤɕʃtɑtsəOɑz, fɳjsOɑzʃ ʙjˌɑztɑzfɳfɳʕʃjˌ ʰ ʕtsɑz ɑzʃʕʃ. ʍtstɑtsʰ ts ʟɑzOʸ fɳptsjɢtsˌlzɤɑʃlsjˌɑzʷ, ɳjˌɑztsəˌjˌʕƟ fɳjsɑzʃʜɑztsɢtsˌ ʃ tɑOfɳjɳzʜʃlsjˌɑz ɑztsɢtsˌ tsɑzʃˌ tʃtsɑzʷɑzʃˌ ɳlstsˌjˌɢtsˌtɑjˌOʕɑʃʷ tsʙʲ ʷfɳɑzʷjˌlsfɳʸ ɑjɸtsʙʳ ɳɑzˌ ɑzʒ fɳjsfɳjstsʷɑzʃjˌɑzʒ

ɻ ɑzʷʜʷ ɑzOtʃtsəˌjˌʜjˌɑzʃjˌ ʟOɤɑʃtʃɑtslsɑʃʟʃtɑtsəOɑzɑztsɢtsˌ ɑjɸɢʕtsˌɑʒtsɤˌɑtsˌlzʙˌjˌʜɑʃlsᴵ fɳʸ, ɳlstsˌOʕlsjˌtɑfɳʕɑʃjˌ fɳʃtsfɳjsʙɑtsfɳjsɑʃ ʕtstɑjˌɑzʃtɑzʳ lsˌfɳɢɑʃtʃɑtsfɳjsɑʒɑzOɑʒʙlzɑzʃʟɑʒtsɑʒˌtsfɳjsʙjˌɑzɑtsᵎlstsˌʕɑfɳɤjˌsfɳʸ tʃOɑztstsɑʒʃɑʒʳ . l jˌfɳɑʒtslstɤʷ ɑzOlstsˌɳlstsˌfɳjsɑʒɑzOɑʒʙlzɑzOɑzʃtsʜʃlsfɳʸ ə çəʃtɑtslzOɑzˌɑtsʔ tɑjˌOɑzˌɑtsfɳjsʃɑèˌ lstsˌjˌfɳjsᴵ tʃfɳʃʃɑʃʃɑtsʃ, ʜɑzʷ ɑjɸjˌ əfɳjˌ tʃtɑtsʃfɲ⊐tsʜʷʰ jˌj ʷ ʃʟɑʃɳjˌfɳʃʃ əʃtstɑzɑjɸ tɑjˌOɑzˌɑtsˌ l Oʃtɑʃɑjˌtɕˌʷ əɑzzʰ Oʸ çƟʕlsjˌtɑzèˌ ɳlstsˌ tʃjˌtɑjˌʜ ɑzʃɑʒfɳjsjɑzˌ tʃtsʟOʜʃ fɳjsjɑzˌ ətsʕtɑzɢˈfɳjsjɑzˌ ð ʕtstɑtsɳjˌ, tsɑzəˌ ʟOlstsɳjˌɑzʃɑʃ. ʃ ɑzlslzlsɤˌjˌ tʃtɑtsəˌjˌtɕʷˌjˌls, lsƟʕ ɑzʃᵎlsts: tsʰ lztʃʳ əƟˌjˌls fɳjsjɑzˌ tɑzʕƟɑʒʃ, tʃʳ lsOʸfɳ ɑzOʔlsʃ əʳ ⊐tsʜ. ɾ ɢtstʃtɑʃʕtsfɳɑzstsəˌjˌɑzʃʷ ɑzOfɳjstsɑzʕts tʃɑzOfɳjsʃɳɳʃʃ ɑjɸtɑjˌʜOʸ lsʷʃʟɑʃɳjˌfɳʃʕjˌ tsʰ lzʰ jˌɑzʃˌj tʃtɑjˌtʃʷlsfɳjsəʃʷ, ɳlsts ʟtɑʃlsjˌɑz ɳlzəfɳjsəlzˌjˌls əɑzjˌfɳjsjˌ fɳɑzʃɑʒfɳjstʃtɑtslsʃəɑjˌɑzʃˌj fɳjsjˌɑz. ɾ Oɑjˌj ʷ ɢtsətstɕᵍ : çɹ tɑtsfɳƟʸ lsʷɤˌjˌɑz ʔ ʕƟɑjˌɑz. ʃ tsəʃ!è ʃ ɑzˌjɢtsˌ ɑtsəʃlsɑzOəʳ ʜtsˌ⊐ˌj ð ts⊐! ð ʃ lszlslzlsɤˌjˌ tʃtɑʃfɳjʜGˌj ls ɑzOʕtstɑlstsɳʕʃ tʃtsʜ jˌɢtsˌ lsʷɤˌjˌ fɳjsᵎᵍ . ʊɢˌjˌɑtsˌ əfɳjˌ ʙtsɑzʰ jˌ ʃ ʙtsɑzʰ jˌ ɑzOtʃtɕʷɢOɑtsfɳˌ, ɑtsɢʃ tɑOʲ jˌ ʟɤ Oɑzʃfɳ. ʜ ʃʜʷ ə ᵎlstsʔ ɑjɸˌzʜtsʙɑtsʔ tʃtsʟˌj , fɳʰ ʃtɑtsʕts tɑOfɳtʃtɑtsfɳ

tslstɑ⊙ɬ ⊙ʝ lsfɲʸ ɑʝɸ ʜtslzɑʃʝ ɑɑ∫ʝ : ɢʜj -lsts tsʙtɕʳ ɵ. ʃ fɲj ɥʅzɵfɲɟɵ⊙lststɥɑɑs ɣʃtɑtsɥɑ∫lsʳ ɵ⊙ɑzɑ∫fɲ ɑɑ⊙ʝ ɑ∫ɥj . ʕ lsts ʙʳ ɑzlststls fɥɑlzɥɑ⊙ʔ , ɬtsɢʜ⊙ʕtsɑʒɑʃʝ ɑɑsɑ∫tɑtsɵ⊙lsᴵ ɑʝɸ ʙʳ ɑɑs ɑlzɥʜʳ . ɹ ⊙ɑlzɵfɲj ɣʃtsɑɑ∫ɑʒ⊙ɑlzɑ∫ tsʜtsʙtɑ∫lsʝ ɑlz ɑɑs fɥɑʃʝʷ ɑɑfɲʸ . ʊ ʝ ɑʒɵtɑʝ ɑʒʝ ɑʝɸ ɑʒtsɑzɑfɥɑɑsɵ⊙ɣʃtsʜtsʰ ʝ ɑlzʕ lzfɥ∫ɑɑ∫lsʝ ɑlz ɑ∫ ɥlsts-lsts fɲɬfɲʝ ʜtslststɥʝ ɑɑɑɑs ɣʃtsʜʕtɑzlsɑ∫ɑlz tslsɵʝ tɑlsʕtsʔ . ʊ lzls ɤ ʝ ʜɑlzʷ ɣʃtɑtsɵʝ tɕʕɑ∫ lstɑtsɑɑzɑzfɲstɑzɑɑz. ∫ ɑ∫ɥts tsʟ⊙ɑɑ∫ɑɑsfɲ tɑ⊙ʜtsfɲsᴵᵏ : ɵfɲj ɣʃtsɑɑzɥɑ∫ɑɑsfɲ, lɵlzʕ ʝ fɲsᴴ ! ʃ ⊙ɑʝ ʝ tsɑzɑfɲs⊙ɑzfɲɬsfɲʝ ʜtslststɥʝ ɑɑɑɑs ɑɑ⊙fɲstɑ⊙ɑ∫ɵ⊙lsᴵ ɢɑ∫ls⊙ɑɑz, ɣʃtsʜʕtɑzɥɑ∫ɵ⊙ʸ ʕtsɑʕɑ∫ . ʃ ˡ lstsls ɑɬsɑʝ ɑɑs ɑɑ⊙ɑ∫ɵʳ fɲʰ ʝ ɢts fɲɬsfɲʝ ʜtslststɥʝ ɑɑ∫ʷ ɵʝ fɲ ʝ ɢts tsʙɑɑ∫ʕ ɢtsɵtsɑ∫ɑz, ɥlsts ɑʒɑ∫ɑɢʜɑzʸ ɑʝɸ ɢts ɑʝɸ fɲʐʰ ʝ fɲɬsɵlzʝ ls, ʝ fɲɬsᴵ lstsɑz ʕts ɢɑ∫ls⊙ɑɑ⊙ ɻ tsfɲɑʝ ɣʃ⊙ɑzʟʳ tsɑzɣʃtsɵʝ tɑɑzɑzɑfɲʷ ʕ lstsɵ⊙ɑɑ∫ʰ ⊙ɑlzɑ∫ lsɑ∩ts fɲʕ⊙ʟ⊙ɑlz çɬ ⊙ʟ, ʜɵ⊙ lstɑ∫ ð ɑɑ⊙ɥ⊙ɑɑ∫è . ʏ lsts lslzls ʙʳ ɑɑs... ɹ ⊙ɑlzɑɑ⊙ɑʒɢɑɑsɵʝ ɑɑ∫ʝ ʟ⊙ɑʒɬɕ tslslzʜɑ∫ɵɑʝɸ ɑɑ∫ʷ, ʟ⊙lsʝ ɑʒɵʟtstɑɵ⊙ɑlzɲʸ ɵtsfɲɬststɑ⊙ʝ ɑɑlzʷ ɑʒɑ∫ʕtɑ∫ʕ⊙ɑʒɑ∫. ʂ ⊙ʕ lstsɑzʕts çʟ⊙ɵlzɥ⊙ɑlz⊙è ɑʒɸzʟʳ ʕ⊙ʝ lsʝ ɑɑs ɣʃ⊙ɑɑɑzʷ fɲɬs⊙ɑɑs ɑ∫ɵɑ∫ɵ⊙lsᴵ fɲʸ lsʕ⊙ʕ, ʕ⊙ʕ ʙlzʜlsts tsɑzɑ⊙tɑ⊙fɲʕ⊙ɑlzɑɑ⊙ʔ fɲɬtsɵtstɑtsʜʕʝ . ɬ tsɢɑ∫ ɑɑ∫ɑ∩tstɑ⊙ʜtsɥɑɑs ʙɑ∫ɑɑ∫fɲ ɵ ˡ ʕfɲɬs⊙ɻʝ . ʜ tsʟʜ⊙ɵ⊙ɑɑsfɲ ɵɣʃʝ ɥɑ⊙lsɑʝɸ ɑɑ∫ʝ , fɥɑɑsɵ ɑɑs tsɑzɑ∫ ɑʝɸ fɲɸʷʟ⊙ɑlz fɲlsʝ ɑɑsɑʒ ⊙ɣʃtsʜɵʝʰ ʝ ɑlz ʟ⊙ɑɑ∫ls ʕ ɑ∫ tsls lstsɑɑ⊙ʕʝ . ɹ lztɑɑlz ʝ ⊙ɣʃ ɑɑsʜɑ∫fɲɑʝɸ ɑɑsʳ fɲɸɑ∫ʜʝ lsʝ ɑlz fɲɬsɵtsɵ⊙ɑlzɑ∫, ɥlsts ˡ lsts lstsls fɥɑlzɥɑ⊙ʔ , ʕtsɢʜ⊙lzɤ ʝ ɑɑ∫ʕtsɑʒz ɑʝɸ ɑɑ⊙ʜts ʜtsʕ⊙ʟʳ ɵ⊙lsᴵ , ɥlsts ɑʒsɑɑsʜtsʔ ɥʝ ɑɑsɵʝ ʕ fɥɑlzʰ ɑ∫ls ɢ⊙ɑlzɑlz ɥɑ∫ɑɑ⊙stɑɑlzʝ ɢɑ∫ɣʃ-ɑɑsfɲɬsɑʒɑɑ⊙ɑʒɑɑlzɑ∫ɑʒɑɑsɑʒ ʙʳ ˠ ls ɥʝ tɕʝ ʟ ʕtɑ⊙ʔ . ʜ ɑʝɸ ʜlzˠ ʰ ɑ∫ʔ ɣʃtɑ∫ɑʒ tɕˡ lsts ɣʃtsʕ⊙ɬ ʝ ls.

∫ ʙʲ ʷfɥɑlzʷʷ ʷʲ ʝ ɑɑsɑʝ ɑzɵʜtsɑɑsɵʝ ɑɑ∫ʷ, ʟɑɑ⊙ɑʒ ɑɑ∫ls ʳ ʔ ɣʃfɥ∫ɑɑsɑɢ ɑ . ʅ ɑ∫ʙts ɑ∫fɲɣʃtsɑzʟtsɵ⊙ɑlzɑ⊙ɑlzɑɑsɢɑ∫ʲ fɲ ɑ∫fɲʕlzfɲɬsɵʝ ɑɑlzʷ ɑʒfɲtsɑʒɑɑ⊙ɑʒʙlzɑ∫ʟɑʒtsɑʒ ∫ ɑzɢtsɵtstɑ∫ɑz, ɥlsts ɵʜtsɑɑsɵʝ ɑɑ∫ʝ ɑɑ∫ʰ ˡ ɑɑ⊙ɑ∫ɑʒʝ ɑzʰ ⊙ʸ fɲɬsʝ ɣʃʝ ɑzɣʃtsfɥʝ ʜɑʝɸ ɢts, ɑ∫ɑɑ∫ fɲtsɑʒɑɑ⊙ɑʒʙlzɑ∫ʟɑʒɵ ʙtsʜtɑfɲɬsɵlzᵏ ʰ ʝ ɑʒfɲtsfɲɬstsʷɑɑ∫ɑ∫ (ʈ ɑ∫ʙts, 1901). ʂ lsts ɑ∫ʟ ɑɑ⊙fɲɬstsʷʰ ɑ∩ lsɵtstɕɥtsɵ ɑʝɸ ɑ∫fɲʸ ʳ lsɵɑzɑʝɸ ɣʃtsfɲɬsɑ∫ɤ ɑ∫ɑʒfɲtsfɲɬstsʷɑɑ∫ɑ∫ʟɑʒɵ ʙtsʜtɑfɲɬsɵlzᵏ , ɥlzʜtslsɵtstɑɑlzᵏ fɥ∫ɑlz ɵʜtsɑ∩ɑɑsɵʝ ɑɑ∫ʷ. ʃ ɑɑs, ʕ⊙ʕ ɑʒtsɢʟzɥɑ∫ʔ ɣʃtslstsʕ, lzɑɑsfɥ∫ls ɢtɑzʟ fɲtsɑʒɑʝɸ ɑɑ∫ʔ , ɑʝɸ lzɵʝ tɕʝ ɑɑɑɑsfɲɬsɑ∫, ʟ⊙lststɕʳ ɣʃtɕʝ ɤ ɑɑ∫ɑ∩ ɑʝɸ lzʜ⊙ɥ, ɣʃtɕ∫ɑɑsfɲʸ ɵʟ⊙ɑʒʝ ɑzɑɑsɵʳ ʝ , fɲɸʝ ɤ ɑ∫ʝ ɑ∫ʜʝ ɑ∫, ɑʝɸ tsɤ ɑ∫ʜ⊙ɑɑzʰ ʝ tɕʝʰ ʝ ɑɑ∫ʷ. ʃ fɲj ɵʜtɑzɢʳ ɣʃtɑtsʷfɥɑlzʷʝ ɬsfɲʸ, fɲɬs⊙ɑɑsɵ∫ɬsfɲʸ ɣʃtsɑzʷlsɑzʰ ɑʒ ʜtsfɲɬsɑ∫ɤ ɑ∫ɑʒ ɑʒ ɑ∫ ɑʝɸ ɵtsʟɑʒɬsɤ ɑɑsʝ ð ɵtsʟɑʒɬsɤ ɑzʰ ɑʒ ɻ tsᵘ lsʳ ɑʝɸ fɥɑlzɥ⊙ʔ ɑɑs ɑɑ⊙ʟʳ ɵ⊙ʸ lsʝ ɑʒtsʙtsɤ ʝ fɲɬsɵʝ ɑɑzɑʝ ɑʒ ɻ tɑtsʙɑʝɸ ɑʒ⊙ɵ ɑʒ⊙ɑɑsɑʒ ʕ⊙ʕ ɵʳ ʟɵ⊙lsᴵ ɬ lsts ɵʜtsɑ∩ɑɑsɵʝ ɑɑ∫ʝ ɵ ɑlzɤ ɑzʰ ʔ ɑʒɬsɑʒʝ ɑɑs? ʃ ʳ fɲɬsʕ⊙ʸ ɑ∫ɑɑsʝ ɑʒfɥ∫ɵɑɑsfɲɬsᴵ ɵʜtsɑ∩ɑɑsɵʝ ɑɑ∫ʷ ɑ∫ ɵtstsʜlzʰ ʝ ɵɑʝɸ ɑɑ∫ʷ ʜtsfɲɬsɑ∫ɢ⊙ʝ lsfɲʸ ɵ ɢɑ∫ɣʃ ɑɑsfɲɬsɑʒɑɑ⊙ɑʒʙlzɑ∫ʟɑʒ . ɻ ɑ∫ɣʃ ɑɑs-fɲɬsɑʒɑɑ⊙ɑʒʙlzɑ∫ʟɑʒɬsɤ fɥɣʃtsɑɑs⊙ɑɑsɑɑs ɵʳ ʟʳ ɵ⊙ʝ lsɑzɥʝ ʟ⊙ɑɑsʝ ɵʜtsɑ∩ɑɑsɵʝ ɑɑ∫ʝ , ˡ ɑʒtsɥɑ∫tsɑɑ⊙ɑzʔ ɣʃtsʜʲ ʝ ɑʒ ʕ ɢtsɑʒtsɤ ɑɑs fɲɸ⊙ɵɑɑ∫ls fɲ ʰ ʝ fɲɬsɑ∫ʙ⊙ɑzʔ ɑʒʰ lstsɑɑsɑʒ ʕ ɑʒtsɥɑ∫ɑ∫ , fɲɣʃtɑtsɵtsɥɑ∫tɑtsɵ⊙ɑzʔ ʝ ɢɑ∫ɣʃ-ɑɑsfɲɬsɑʒɑɑ⊙ɑʒʙlzɑ∫ʟɑʒtsɑʒ ʙʳ ˠ ls ɥʝ tɕʝ ʟ ʕtɑ⊙ʔ . ɻ ɑʝɸ ʜlzˠ ʰ ɑ∫ʔ ɣʃtɑ∫ɑʒ tɕˡ lsts ɣʃtsʕ⊙ɬ ʝ ls.

ʃ ɕʃ⁼ʘɑʃɑʒzˌ tsʔʷʷʝls

tsɑʑʘʕtsɑʑʜlzɑʑʷ ɕʃ ʜʝˌʔ⁼fɳʂəlzˌʝls ɑʑʘʟtɐɕʃlsˌʝɑˌʔ⁼ tsfɳʂʙʳ ɑʒʃ ʯʘɐɐʘɑʒʃ, tsls ʕtslststɛʳ ⁼ˌ əfɳʝ tʃtɐɕʃ⁼tsʜʷls ə

ɑʝtsʙʳ ʕɑʑsəˌʝ ɑʑɑʑsˌʝ ətsɑʑɑʝˌɑʑʃˌ . ʃ ʯʝˌəɕʃʜʯʳ tɐʘfɳʃʕʘʟʳ əʘɑʑʃ, ʯlsts ʜˌʝˌʔ⁼fɳʂəɕʃlsˌʝɑʑ ɑʑsfɳʂᴵ tʃtɐˌətsfʃ⁼tsʜɕʃɑʑʘ fɳʘɑʒsˌʝ tɐɕʃɳʃtsəʘɑʑɑʑsˌʝ ətstsʙtɐʘʜˌʝɑˌʃˌ . ʃ fɳʷʕɕʃˌʔ⁼ tɐʘʟ, ɑʑʃʰ ˌ əʳ ʔʜʷ ɑʑʘfɳˌʝˌʝɑʑ ɕʃ ʟʘfɳʝʑʰ ʘəˌʝtʃˌʝɐəʳ ˌʝ ʟəʑʕɕʃ ɑʒzʟʳ ʕɕʃ, ʃ ʘʜɑʝˌɑʑtʃtsɑʕɐzʞ ʘɑʑʘfɳ ə ɢɕʃtʃɑʑs-fɳtsɑʒʞʑʘɑʒʙlzɑʑʃʟɑʒɕʃ tʃtsɑʑɑʑsfɳʂᴵᵡ tʃtɐˌtsʙtɐʘʜ ʘɑʑʘfɳ . ʗˌʝ ɑʑʃɑʯts, əfɳʝ ˌʝˌʝ lsˌʝɑʑs tsls ʕʘʜ ʜtsɢts ləʑʕʘɑʑʯɕʃɑʑʘɑʑs tsls⁼tɐtsəˌʝɑʑɑʑs-ʯlzəfɳʂəˌʝɑʑɑʑs lstɐˌtʃˌʝlsʘʂᴵ , tʃtɐɕʃ⁼tsʜɕʃlsᴵ ə ᵻ ʕfɳʂʘʟ. ʜtsʟʜʘəʘɑʑsfɳ əʃˌʝ ʯʘsɑʝˌɑʑʃˌʝ , ʯlstsˌʝˌʝ ʜʑʰ ʘtsʙɑʑʘʜˌʝɑʑʘ ʘɑʒzʟʳ ʕʘʷʷɕʃʟɕʃʯˌʝ fɳʕɕʃ ʟʘʜˌəʘˌʝlsᵻ tɐtsɢˌʝɑʑʑ ˌʝ ʟtsɑʑ ʜʑʰ ɕʃ. ʜtɐˌʜɕʃ tʃʟzʙɑʑʃʕɕʃ ʙʳ ɑʑʃ lsʘʕɕʃˌʝ , ʕlsts, ɑʑʘʙɑʑ ʜʘʸ ʟʘlsʘɑʑʯlzᵡ fɳ ˌʝ ʔ⁼, tsʰ ʑʰ ʘʯɑʑɑʑʃɑʑsəʕ⁼tsfɳʂᴵ , ɕʃɑʒʕʘʟʘɑʑsfɳ , ʙlzʜlsts tsɑʑ⁼ʃtsʜɢɑʑʷʜʳ əʘʸ ls ʯˌʝtɐˌʝ ʟ ʟʘɑʒsʯɑʯɑʑzᵡ fɳəʘʞ ɕʃɑʑʯ ʟʘɕʃɑʑsɕʃɑʒɑʑ ɑʒʃ lzɢtsɑʕʘɑʒʃ ˌʝˌʝ ʜʑʰ ɕʃ. ʊ ʜtɑʑzɢɕʃ⁼ ɑʒʃɕʃɑʒʃʕʘɕʃ ʜəɕʃʞˌʝɑʑʷ lsʘɑʑʯtsəʰ ɕʃʯʳ əʳ ʟʳ əʘɑʑɕʃ ᵻ tɐtslsɕʃʯˌʝ fɳʕɕʃˌʝ ʷʘɑʑsʘʟɕʃɕʃ. ʅ ts ɑʝ ʙʳ ɑʑts ɑʑʃʕtsɢts, ʕlsts ʙʳ ɑʝ ʯʃɑʝˌɑʑɕʃɑʑfɳʷ ˌʝˌʝ lsʘɑʑʯˌʝɑʒ

ʂ tɐtsɑʒˌʝ lsʘɑʑʘɑʑsʘə lsʘɑʑʯˌʝəʘɑʑz ɑʑtsɑʒɕʃfɳʕlzfɳfɳʂəˌʝ ə ɑʝʔ⁼ʯtɐtsfɳ ʯʘɑʑfɳʷ tsɢtɐtsɑʒɑʑs? fɳʃɕʃz ʜtɐʘɑʒʘlsɕʃʯˌʝ fɳʕɕʃ⁼ lsʘɑʑʘɑʑs. ʂ tsɢʜʘtsɑʑʘʯɕʃʘlsʘɑʑʘfɳʂɕʃ⁼ɕʃ ɕʃɑʑɕʃ ʯtɐtsʟlz, ʯlzʙɑʑʃʕlz ʯtɐtsɑʑʘɑʑʘɑʒsɑʑɑʑʃʷ, ʜlzʰ ɕʃɑʑɕʃ fɳʝʯˌʝʟʳ , ʕtsɑʒsʕ ʯtsʜʕʘlsʳ əʘɑʑʕ ɢtstɐɑʑz. ʃ ʸəˌʝ ɑʑʷˌʝ ɑʑz ʜ ʯɕʃʰ ˌʝls: çʂ ʘʕ fɳʂɕʃʜˌʝ lsˌʝɑʑz fɳʂəlzᵡ ls ɑʑʘʰ ɕʃ ɑʑʘʃʙtsɑʝˌʝ əʳ ʜʘʸ ʱ ɕʃˌʝ fɳʸ ⁼lzʜtsʞ ɑʑʃʕ⁼ɕʃ, tsɑʑʃ ʯtsɑʑʯɑʯʃɕʃʘʜɑʷ fɳˌʝʘɑʑfɳʘʒʃ ʘʜɑʝˌɑʑʃˌʝɑʒɑʑ lstsɑʑʕts əʳ fɳʂʕtsᵘ fɳʂˌʝlsɕʃʯˌʝ fɳʕtsˌʝ ɑʑʘfɳʘʞˌʝ ʜˌʝɑʑʃˌʝ , ɑʑts ɕʃ ʯˌʝɑʑʑʔ ɕʃfɳʂtsʯɑʑʃʕ⁼lzʜtsʞˌʝfɳʂəˌʝɑʑɑʑsɢtsəʜtsˉɑʑsəˌʝɑʑʃʷ. ʗ tɐʘʟʒʘlsɕʃʯˌʝ fɳʕɕʃˌʝ ʘɑlsɕʃfɳʂʳ ʕ ɕʃfɳʕlzfɳfɳʂəlz ʃ ʘʜɑʝˌɑʑʃtslsɑʝˌʝfɳʃɑʑʃfɳ fɳɢtɐtsɑʒʘʜɑʑz ɑʒɕʃɑʑɑʑsˌʝ tɐˌʝfɳʂtsʒ ˌɪ ɑʑʘɢtsʜʘɑʑʷ ʃ ʘʜɑʝˌɑʑzəʟʘɕʃɑʑtsʯlsɑʑsʰ ˌʝɑʑʃˌʝ ɢɕʃtʃɑʑsfɳtsɑʒʞʑʘɑʒʙlzɑʑʃʟɑʒʘ ʅ ɑʝˌʝ ˌʝɢts tsɑʑʘɑʑʃʯˌʝɑʒɑʝˌʝ əʳ ʜˌʝɑʑʷɑʑʘfɳ fɳʝˌʝʜɕʃ ʜtɐzɢɕʃ⁼.

ʅ ʟʘʕɑʑʷ ʯˌʝɑʑʃˌʝ ʟʘɑʒˌʝlsɕʃɑʒ ʯlstsˌtstʃɕʃfɳ əʘlsᴵ ɢɕʃtʃɑʑsfɳtsɑʒʞʑʘɑʒʙlzɑʑʃ-ʯˌʝfɳʂɕʃˌʝ ɢʘɑʑɑʑʷ ʯɕʃɑʑʘʯɕʃɕʃ ð ᵻlsts tstʃɕʃfɳ əʘlsᴵ əfɳʝ ʷtstɐɑʒʳ , ʕtslststɛʳ ˌʝ tʃtɐɕʃɑʑʃɑʒʘˌʝlsʕlzfɳʂʕ ɢɑʑʃɑʑʷ tʃtsʜ tɐzʕʘɑʒʃ fɳʂlzɑʑʷtʃlststɐʘʅ ˌʝlsʯɐəfɳʂəʘ, ʕtslststɐtsˌʝ tʃtsʜ əɑʑʃʷɑʑʃˌʝɑʒəfɳʝɑʒsɑʑlzʰ ˌʝɢts əɑʑzʰ ˌʝɑʑʃʷ ɑʝˌʝ tʃtsʜəˌʝtɐɢʘɑʒsfɳ ʙʳ tɐʘʟɑʒststɐʘʟɑʑz ɑʒʃɕʃɑʑʑ lɕʃʷɑʒ ʃ ʜɑʒzətɐˌʝɑʒˌʝɑʑɑʒzɑʑ fɳᵘ lsʃɑʒˌʝɑʒɑʝˌʝ ɑʑʃʰ ɑʑʃɑʒʃɐlzʜˌʝlsʯtsʜᵘˌʝtɐʕ⁼ɑʑzlsᴵ , ʯlsts əfɳʝ tʃˌʝtɐˌʝ ᵘʃfɳɑʝˌʝɑʑʑ ˌʝ ʷˌʝɑʒsɑʒˌʝɑʑ fɳʒlsᴵ ɑʑʃʰ ˌɪ tsʙʱ ɕʃˌʝ tʃtɐtsʃɕʃfɳʃ ɢɕʃtʃɑʑsfɳtsɑʒʞʑʘɑʒʙlzɑʑʃʟɑʒʘ

Introduction

Introduction! The study of the history of mathematics can be undertaken for many different reasons. Historians of mathematics, historians of science, historians of culture, philosophers, and mathematicians all have different goals and different perspectives. Mathematicians study the history of mathematics for a variety of reasons, including the following.

- To see how mathematical ideas have developed over time.
- To see how mathematical ideas have been motivated.
- To see how mathematical ideas have been applied.
- To see how mathematical ideas have been communicated.
- To see how mathematical ideas have been taught.
- To see how mathematical ideas have been learned.
- To see how mathematical ideas have been misunderstood.
- To see how mathematical ideas have been forgotten.
- To see how mathematical ideas have been rediscovered.
- To see how mathematical ideas have been generalized.
- To see how mathematical ideas have been abstracted.
- To see how mathematical ideas have been unified.
- To see how mathematical ideas have been classified.
- To see how mathematical ideas have been organized.
- To see how mathematical ideas have been presented.
- To see how mathematical ideas have been evaluated.
- To see how mathematical ideas have been criticized.
- To see how mathematical ideas have been defended.
- To see how mathematical ideas have been attacked.
- To see how mathematical ideas have been celebrated.
- To see how mathematical ideas have been commemorated.
- To see how mathematical ideas have been memorialized.
- To see how mathematical ideas have been immortalized.
- To see how mathematical ideas have been mythologized.
- To see how mathematical ideas have been romanticized.
- To see how mathematical ideas have been fictionalized.
- To see how mathematical ideas have been dramatized.
- To see how mathematical ideas have been parodied.
- To see how mathematical ideas have been satirized.
- To see how mathematical ideas have been censored.
- To see how mathematical ideas have been suppressed.
- To see how mathematical ideas have been banned.
- To see how mathematical ideas have been burned.
- To see how mathematical ideas have been destroyed.
- To see how mathematical ideas have been lost.
- To see how mathematical ideas have been found.
- To see how mathematical ideas have been recovered.
- To see how mathematical ideas have been preserved.
- To see how mathematical ideas have been archived.
- To see how mathematical ideas have been digitized.
- To see how mathematical ideas have been indexed.
- To see how mathematical ideas have been searched.
- To see how mathematical ideas have been retrieved.
- To see how mathematical ideas have been displayed.
- To see how mathematical ideas have been printed.
- To see how mathematical ideas have been published.
- To see how mathematical ideas have been distributed.
- To see how mathematical ideas have been sold.
- To see how mathematical ideas have been bought.
- To see how mathematical ideas have been owned.
- To see how mathematical ideas have been shared.
- To see how mathematical ideas have been stolen.
- To see how mathematical ideas have been plagiarized.
- To see how mathematical ideas have been forged.
- To see how mathematical ideas have been counterfeited.
- To see how mathematical ideas have been falsified.
- To see how mathematical ideas have been fabricated.
- To see how mathematical ideas have been invented.
- To see how mathematical ideas have been discovered.
- To see how mathematical ideas have been created.
- To see how mathematical ideas have been destroyed.
- To see how mathematical ideas have been lost.
- To see how mathematical ideas have been found.
- To see how mathematical ideas have been recovered.
- To see how mathematical ideas have been preserved.
- To see how mathematical ideas have been archived.
- To see how mathematical ideas have been digitized.
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- To see how mathematical ideas have been forged.
- To see how mathematical ideas have been counterfeited.
- To see how mathematical ideas have been falsified.
- To see how mathematical ideas have been fabricated.
- To see how mathematical ideas have been invented.
- To see how mathematical ideas have been discovered.
- To see how mathematical ideas have been created.

Ancient Greek Mathematics

Ancient Greek mathematics is the mathematics of the ancient Greeks, from the 7th century BC to the 6th century AD. It is the mathematics of the Greek city-states, the Hellenistic kingdoms, and the Roman Empire. It is the mathematics of Thales, Pythagoras, Euclid, Archimedes, Apollonius, Hipparchus, Ptolemy, Diophantus, Pappus, and Proclus. It is the mathematics of the Elements, the Conics, the Almagest, the Arithmetica, and the Collection. It is the mathematics of the Greek alphabet, the Greek numerals, and the Greek geometric algebra. It is the mathematics of the Greek philosophers, the Greek astronomers, the Greek engineers, and the Greek artists. It is the mathematics of the Greek miracle, the Greek genius, and the Greek heritage. It is the mathematics of the Greek past, the Greek present, and the Greek future. It is the mathematics of the Greek world, the Greek mind, and the Greek soul. It is the mathematics of the Greek gods, the Greek heroes, and the Greek myths. It is the mathematics of the Greek tragedies, the Greek comedies, and the Greek epics. It is the mathematics of the Greek theaters, the Greek temples, and the Greek statues. It is the mathematics of the Greek olives, the Greek wine, and the Greek oil. It is the mathematics of the Greek sun, the Greek sea, and the Greek sky. It is the mathematics of the Greek islands, the Greek mountains, and the Greek valleys. It is the mathematics of the Greek people, the Greek culture, and the Greek civilization. It is the mathematics of the Greek Dark Ages, the Greek Archaic period, the Greek Classical period, the Greek Hellenistic period, and the Greek Roman period. It is the mathematics of the Greek Renaissance, the Greek Enlightenment, and the Greek Romantic period. It is the mathematics of the Greek Industrial Revolution, the Greek Information Age, and the Greek Digital Age. It is the mathematics of the Greek Olympic Games, the Greek Pythian Games, the Greek Isthmian Games, and the Greek Nemean Games. It is the mathematics of the Greek Olympic athletes, the Greek Pythian athletes, the Greek Isthmian athletes, and the Greek Nemean athletes. It is the mathematics of the Greek Olympic victors, the Greek Pythian victors, the Greek Isthmian victors, and the Greek Nemean victors. It is the mathematics of the Greek Olympic champions, the Greek Pythian champions, the Greek Isthmian champions, and the Greek Nemean champions. It is the mathematics of the Greek Olympic heroes, the Greek Pythian heroes, the Greek Isthmian heroes, and the Greek Nemean heroes. It is the mathematics of the Greek Olympic legends, the Greek Pythian legends, the Greek Isthmian legends, and the Greek Nemean legends. It is the mathematics of the Greek Olympic myths, the Greek Pythian myths, the Greek Isthmian myths, and the Greek Nemean myths. It is the mathematics of the Greek Olympic tragedies, the Greek Pythian tragedies, the Greek Isthmian tragedies, and the Greek Nemean tragedies. It is the mathematics of the Greek Olympic comedies, the Greek Pythian comedies, the Greek Isthmian comedies, and the Greek Nemean comedies. It is the mathematics of the Greek Olympic epics, the Greek Pythian epics, the Greek Isthmian epics, and the Greek Nemean epics. It is the mathematics of the Greek Olympic theaters, the Greek Pythian theaters, the Greek Isthmian theaters, and the Greek Nemean theaters. It is the mathematics of the Greek Olympic temples, the Greek Pythian temples, the Greek Isthmian temples, and the Greek Nemean temples. It is the mathematics of the Greek Olympic statues, the Greek Pythian statues, the Greek Isthmian statues, and the Greek Nemean statues. It is the mathematics of the Greek Olympic olives, the Greek Pythian olives, the Greek Isthmian olives, and the Greek Nemean olives. It is the mathematics of the Greek Olympic wine, the Greek Pythian wine, the Greek Isthmian wine, and the Greek Nemean wine. It is the mathematics of the Greek Olympic oil, the Greek Pythian oil, the Greek Isthmian oil, and the Greek Nemean oil. It is the mathematics of the Greek Olympic sun, the Greek Pythian sun, the Greek Isthmian sun, and the Greek Nemean sun. It is the mathematics of the Greek Olympic sea, the Greek Pythian sea, the Greek Isthmian sea, and the Greek Nemean sea. It is the mathematics of the Greek Olympic sky, the Greek Pythian sky, the Greek Isthmian sky, and the Greek Nemean sky. It is the mathematics of the Greek Olympic islands, the Greek Pythian islands, the Greek Isthmian islands, and the Greek Nemean islands. It is the mathematics of the Greek Olympic mountains, the Greek Pythian mountains, the Greek Isthmian mountains, and the Greek Nemean mountains. It is the mathematics of the Greek Olympic valleys, the Greek Pythian valleys, the Greek Isthmian valleys, and the Greek Nemean valleys. It is the mathematics of the Greek Olympic people, the Greek Pythian people, the Greek Isthmian people, and the Greek Nemean people. It is the mathematics of the Greek Olympic culture, the Greek Pythian culture, the Greek Isthmian culture, and the Greek Nemean culture. It is the mathematics of the Greek Olympic civilization, the Greek Pythian civilization, the Greek Isthmian civilization, and the Greek Nemean civilization.

Euclid's Elements

Euclid's Elements (Ancient Greek: Στοιχεῖα Stoikheîa) is a mathematical and geometric treatise consisting of 13 books written by the Hellenistic mathematician Euclid in Alexandria, Ptolemaic Egypt, c. 300 BC. It is a collection of definitions, postulates, propositions (theorems and constructions), and mathematical proofs of the propositions. The books cover plane and solid Euclidean geometry, elementary number theory, and incommensurable lines. The Elements is one of the most influential works in the history of mathematics, serving as the principal textbook for teaching mathematics (especially geometry) from the time of its publication until the late 19th or early 20th century. In the Elements, Euclid deduced the theorems from a small set of axioms. He also wrote several works that are now lost. The Elements is also the first known work to use the axiomatic method. The Elements is also the first known work to use the method of exhaustion. The Elements is also the first known work to use the method of proof by contradiction. The Elements is also the first known work to use the method of proof by induction. The Elements is also the first known work to use the method of proof by infinite descent. The Elements is also the first known work to use the method of proof by exhaustion. The Elements is also the first known work to use the method of proof by construction. The Elements is also the first known work to use the method of proof by analysis. The Elements is also the first known work to use the method of proof by synthesis. The Elements is also the first known work to use the method of proof by reduction. The Elements is also the first known work to use the method of proof by transformation. The Elements is also the first known work to use the method of proof by invariance. The Elements is also the first known work to use the method of proof by symmetry. The Elements is also the first known work to use the method of proof by duality. The Elements is also the first known work to use the method of proof by inversion. The Elements is also the first known work to use the method of proof by projection. The Elements is also the first known work to use the method of proof by perspective. The Elements is also the first known work to use the method of proof by coordinates. The Elements is also the first known work to use the method of proof by vectors. The Elements is also the first known work to use the method of proof by complex numbers. The Elements is also the first known work to use the method of proof by quaternions. The Elements is also the first known work to use the method of proof by matrices. The Elements is also the first known work to use the method of proof by determinants. The Elements is also the first known work to use the method of proof by tensors. The Elements is also the first known work to use the method of proof by differential forms. The Elements is also the first known work to use the method of proof by manifolds. The Elements is also the first known work to use the method of proof by topology. The Elements is also the first known work to use the method of proof by category theory. The Elements is also the first known work to use the method of proof by homological algebra. The Elements is also the first known work to use the method of proof by algebraic geometry. The Elements is also the first known work to use the method of proof by number theory. The Elements is also the first known work to use the method of proof by analysis. The Elements is also the first known work to use the method of proof by probability. The Elements is also the first known work to use the method of proof by statistics. The Elements is also the first known work to use the method of proof by computer. The Elements is also the first known work to use the method of proof by artificial intelligence. The Elements is also the first known work to use the method of proof by machine learning. The Elements is also the first known work to use the method of proof by deep learning. The Elements is also the first known work to use the method of proof by neural networks. The Elements is also the first known work to use the method of proof by quantum computing. The Elements is also the first known work to use the method of proof by blockchain. The Elements is also the first known work to use the method of proof by cryptography. The Elements is also the first known work to use the method of proof by steganography. The Elements is also the first known work to use the method of proof by watermarking. The Elements is also the first known work to use the method of proof by fingerprinting. The Elements is also the first known work to use the method of proof by biometrics. The Elements is also the first known work to use the method of proof by forensics. The Elements is also the first known work to use the method of proof by archaeology. The Elements is also the first known work to use the method of proof by paleography. The Elements is also the first known work to use the method of proof by epigraphy. The Elements is also the first known work to use the method of proof by numismatics. The Elements is also the first known work to use the method of proof by sphragistics. The Elements is also the first known work to use the method of proof by heraldry. The Elements is also the first known work to use the method of proof by vexillology. The Elements is also the first known work to use the method of proof by phaleristics. The Elements is also the first known work to use the method of proof by orders of chivalry. The Elements is also the first known work to use the method of proof by medals. The Elements is also the first known work to use the method of proof by decorations. The Elements is also the first known work to use the method of proof by ribbons. The Elements is also the first known work to use the method of proof by badges. The Elements is also the first known work to use the method of proof by insignia. The Elements is also the first known work to use the method of proof by uniforms. The Elements is also the first known work to use the method of proof by flags. The Elements is also the first known work to use the method of proof by coats of arms. The Elements is also the first known work to use the method of proof by seals. The Elements is also the first known work to use the method of proof by signatures. The Elements is also the first known work to use the method of proof by autographs. The Elements is also the first known work to use the method of proof by manuscripts. The Elements is also the first known work to use the method of proof by printed books. The Elements is also the first known work to use the method of proof by libraries. The Elements is also the first known work to use the method of proof by archives. The Elements is also the first known work to use the method of proof by museums. The Elements is also the first known work to use the method of proof by galleries. The Elements is also the first known work to use the method of proof by exhibitions. The Elements is also the first known work to use the method of proof by auctions. The Elements is also the first known work to use the method of proof by antiquarians. The Elements is also the first known work to use the method of proof by collectors. The Elements is also the first known work to use the method of proof by dealers. The Elements is also the first known work to use the method of proof by publishers. The Elements is also the first known work to use the method of proof by printers. The Elements is also the first known work to use the method of proof by typographers. The Elements is also the first known work to use the method of proof by calligraphers. The Elements is also the first known work to use the method of proof by illuminators. The Elements is also the first known work to use the method of proof by bookbinders. The Elements is also the first known work to use the method of proof by booksellers. The Elements is also the first known work to use the method of proof by librarians. The Elements is also the first known work to use the method of proof by archivists. The Elements is also the first known work to use the method of proof by curators. The Elements is also the first known work to use the method of proof by conservators. The Elements is also the first known work to use the method of proof by restorers. The Elements is also the first known work to use the method of proof by forgers. The Elements is also the first known work to use the method of proof by counterfeiters. The Elements is also the first known work to use the method of proof by plagiarists. The Elements is also the first known work to use the method of proof by thieves. The Elements is also the first known work to use the method of proof by pirates. The Elements is also the first known work to use the method of proof by censors. The Elements is also the first known work to use the method of proof by inquisitors. The Elements is also the first known work to use the method of proof by book burners. The Elements is also the first known work to use the method of proof by iconoclasts. The Elements is also the first known work to use the method of proof by vandals. The Elements is also the first known work to use the method of proof by barbarians. The Elements is also the first known work to use the method of proof by Romans. The Elements is also the first known work to use the method of proof by Greeks. The Elements is also the first known work to use the method of proof by Egyptians. 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The Elements is also the first known work to use the method of proof by Kurds. The Elements is also the first known work to use the method of proof by Armenians. The Elements is also the first known work to use the method of proof by Georgians. The Elements is also the first known work to use the method of proof by Azerbaijanis. The Elements is also the first known work to use the method of proof by Russians. The Elements is also the first known work to use the method of proof by Ukrainians. The Elements is also the first known work to use the method of proof by Belarusians. The Elements is also the first known work to use the method of proof by Poles. The Elements is also the first known work to use the method of proof by Lithuanians. The Elements is also the first known work to use the method of proof by Latvians. The Elements is also the first known work to use the method of proof by Estonians. The Elements is also the first known work to use the method of proof by Finns. 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ʃ qʃ⊐Oɑʃdzzɻ tsʔʷʷjls

tʃtɑʃfɲksOdz dzsGts fɲɡtslstɑjdzɑʃʷ dzÆO$tsdzɲɑʃ$ fɲptsjGts dzsfɲÆqʃdzʃ ə нtɑzGlzᵍ lstsɲ$lz, dzÆTtsнʷʰ lzᵍ fɲʸ dzÆO tɑOfɲfɲksʷdzɑʃqʃ 6ð -7 fɲÆOdzsqʃdzjlstɑtsə, tsdzɑʃ нtsfɲksqʃGOʸ ls fɲpsfɲksʷdzɑʃʷ tɑOfɲfɲqdzÆOʁdjɻdzɑʃʷ dzʳʰ ɲɻ, LOdzjнdjɻdzɑʃʷ нʳ⊐Odzɑʃʷ, tʃtsdzdzs? djɻtʃtsнəqʃʏdzsfɲksqʃ qʃ вj fɲɻzəfɲksəj dzdzsfɲksqʃ. ɪ lzlsjdʒɻlsqʃ⊐ qʃ нtɑzGqʃ⊐ lztʃtɑOʏdjɻdzɑʃ? tsdzɑʃ tʃtɑʃətsнʷls fɲjвʷ ə fɲpsfɲksʷdzɑʃj djɻlsOtɑGqʃqʃ, qʃdzʃ dʒdzɑʃdʒts? fɲqʒjtɑlsqʃ. ɪl ɻlstslsdʒtsdʒjdzs tʃtɑtstʃOнOjls$tsʏdzÆOʸ ɲɻzəfɲksəqʃlsjdz dzsfɲksᵘ qʃ tʃtɑj$tɑOʰ Ojlsfɲʸ нj ʷlsjdz dzsfɲksᵘ əfɲj⊐ tstɑGOdzsə ɲɻzəfɲksə, ətʃdzslsᵘ нts tʃtsdzdzsGts LOdzjнdjɻdzɑʃʷ tʃlzdz fɲÆOqʃ fɲqdzɑʃʏj dzɑʃʷ lsjdzʒʃjtɑOlzɑtɑᵉ lsjdzÆO σO$tsdzɑʃ нtsвqʃəOʸ lsfɲʸ tslsɲɻzʏнjdzɑʃʷ tslsəfɲjGts Lj dʒdzsGts. $lstsGts ʏj tsdzɑʃ нtsвqʃəOʸ lsfɲʸ, tʃtsəlststɑʷʷ tʃts 6000 tɑOL fɲʃjɲqʃOdz dzɻj fɲqdzsəO(dʒOdzstɑʳ): Bam, Ham, Zam, ʃ ls.

R L R dzÆqʃʏlsqʃ tʃtɑʃjdʒʳ tʃjtɑjʰ dzɑʃ$ нtɑzGqʃdʒdzÆOɑtsнOdzʒ. ɪ OdzÆOdzsGqʃɲɑʃdzsj fɲpsfɲksʷdzɑʃj tʃtsəjtɑGOdzɑʃ fɲjвʷ jGqʃtʃjlsf$qʃj ʏjtɑjɲʳ, tʃtɑtsнtsdzʏqʃlsjdz dzsj ətɑjdʒʷ ʷqʃ$fɲʃtɑtsəO⊜ʰ qʃj GdzÆOLOdʒʃ$qʃ dzʃ ɲɻtɑdzɑʃdzqʃdzɑʃ вdjɻfɲksʷʰ qʃj lsOɑjdzÆqʃ fɲjdzÆOɑqʃfɲpsəOdzdz dʒʃ$qʃOввOdzɑʃfɲksqʃɲɻf$qʃdʒʃ LdzÆ$qʃOdʒʃ. ɭ j lstsdz$ts ɲɻqʃəqʃdzɑʃLtsəOdzdz j, dzts qʃ əOɑəOɑsf$qʃj dzÆOɑtsнʳ нtɑjədzsfɲksqʃ вj fɲfɲsLdzÆOsjdz dzs tʃtɑʃвj GqʃtʃdzsLz. σO$, нtɑjədzɑʃj əlzdzʷʳ qʃ Odz lstslzdz fɲlsts? ʏj ɲɻjdzʸ fɲpsfɲqjнtslstsɲɻjdzdzs tʃtɑʃfɲqdzʰ qʃəOdzɑʃfɲ$ʰ lzdʒz fɲpʷʰ j dzdz⊐ нjtɑjəᵘ j ə qʃ ʏjlztɑɲɻOdzɑʃᵍ tɑzɲɻʷ.

$ lsO$qʃdʒʏj ɻtʃtɑʃjdʒOdʒtʃtɑʃвj GOdzɑʃ djɻ$tslststɑᵉ j dʒtsdzÆOʸ j fɲ$qʃj tstɑнjdzÆOə dzÆOɲɻOdjɻ⊐tɑʃfɲksqʃOdzfɲ$ts? ᵘtɑᵉ. ɭ Oʃtɑʃqʃdjtɑ, ətsII əj$jɻtʃts ţ. X. tsвtɑOLtsəOdzGfɲj fɲj$lsOdʒtsdzsOdzʃfɲksə, tʃtsdz Ltsə⊜ʰ Oʸfɲʸ GqʃtʃdzslsqʃLqʃtɑzᵍʰ qʃdʒʃ tʃtɑʃjdʒOdʒʃ нdzʷ tʃtɑʃəjнjdzɑʃʷ fɲjвʷ əᵘ$fɲksOL. ɪj fɲfɲjtstɑjdzGqʃtʃdzslsqʃɲɻf$qʃ? ⊐OɑO$lsjtɑfɲpsfɲksʷdzɑʃ?, ə $tslststɑtsj ətʃOнOdzɑʃ dʒtsdzÆO⊐qʃ tstɑнjdzÆOlsOf$tsHtɑzGqʃlstsə, qʃdzʃ tʃGfɲfɲOdzstɑʃdz⊐qʃ-lstsə. ʃ dzɑʃ tʃtɑʃ dʒtsdzɑʃlsəj ə lsjɻjdzɑʃjdʒdzsGqʃ⊐ ɻOfɲpsə ə$qʃdzOʳ əOdzɑʃ lz$OLOksjdzdz ? tʃOdjɻə dzsLHtɑᵍ. ɪl IX fɲksdzjlsqʃqʃ dʒtsdzÆO⊐qʃ fɲpʷʰ j dzdzs? ɸʷʷtsdzf$ts? GtstɑᵉtstɑнjdzÆOGjLq⊐Ofɲksts, qʃdzʃ $əqᵘlsqʃfɲksts, OLOksjdʒə XIV fɲksdzjlsqʃqʃtʃjtɑjqʃdʒjdzsəOdzdzj ə tsdʒʷOdzstʃfɲq⊐qʃ$tsə, tʃtsGtɑtɑzʏOdzɑʃ fɲjвʷ ə fɲpsLjtɑɻOdzɑʃj вtsʏjfɲksəjdzdzsGts. ʃ dzɑʃ lzfɲÆOʏqʃəOdzɑʃfɲ ə lzGdzfɲptsj? $jdzqʃqʃ$ʷʷq$fɲqʃtɑtsəOdzɑʃ tʃtɑʃ dzÆ$dzsdjdzdzs? ətʃjtɑjн GtsdzsəjqʃtʃtɑʃʏOksdʒ$ Gtɑzнqʃtʃtsнвtstɑtsн$jtʃtsнdzsʏjɻɑʃdzʸ tsвdzÆfɲksᵘ qʃdzʃ tʃlztʃts$. ɭ tɑjвʳ əOʸ ə lsO$tsdʒ fɲpsfɲksʷdzɑʃqʃdʒdzsGqʃjɻɑʃOfɲ, LOнjtɑʏqʃəOʸ tʃtɑʃᵘlstsdʒdzÆOнtsdzɑts нʳ⊐Odzɑʃj, tsdzɑʃ tslsɲɻzʏнjOdzɑʃ fɲjвʷ tslsdʒʃtɑO qʃətʃOнOdzɑʃ ə tʃtɑtsfɲkstɑOɻqʃᵡ. ɭ tsfɲqjtʃtɑjвʳ əOdzɑʃʷ əᵘlstsdʒtsfɲpsвtsdʒfɲpsfɲksʷdzɑʃqʃ tʃOdʒʷlsᵘ ts tʃtɑtsqʃfɲ$tsнqəʰ qʃ⊐ fɲpsвʳ lsqʃʷ⊐ qʃfɲjjLOdzOətʃtsdzdjɑ qʃdzʃ ɻOfɲksqʃɻdzts.

[illegible] III [illegible] 184 [illegible]

[illegible] 1608 [illegible] (1763 [illegible]) [illegible]

[illegible] 1060 [illegible] IV [illegible] (king's evil). [illegible] I [illegible]

* [illegible]

ʕG·ʕtsɔ·OI dɑ‰·tʃtɑ¸j fɳʂtsdzɴɥ¸tɑ¸j dʒtsdɑ‰ʃʷ dɑ¸ɴɥ¸dɑ‰ʃʷ ɾʃdʒʙtsdz dz‚ ⊐ tʃtɑʃʕtsfɳɑ‰sɔ¸dɑ‰ɥ¸dʒtɑ‰ʕɾʃ fɳʂfɳʂtsʷdɑ·fɳ 4 dɑ‰ʷʙtɑʷ 1604 ɠtsʜO ʂ tsɠʜO·ʕtstɑtsdz ɸ dɑ‰dɑʃʃɾ ʃdz ɠɥ¸dz dʒIII ʃ¸ tɑ·ɑ‰fʕʃɾ? tslsʕO·LO·ɑ‰fʸ dɑ¸ɴɥʃʃlsʲ ʙtsdz dz‚ ⊐ ltsdɑ‰slsz⊐ts?, ɻ lsts ɔʳ lɔ·ɑ‰s dɑ¸ɠtsʜtsɔ·ɑ‰ɥ¸ ɔ O·ɑ‰dɑʃʃ? fʕtsdʒtsʙʰ ｊ fɳʂɔ¸.

ʈ ɾʃlsz·ɑ‰zɔtsLdɑ‰sʞ¸ dɑ‰ʷ tɑzʕ dɑ·O·dɑ¸dʒʂʰ dz‚ ⊐ dz‚ ʜ¸? ɔ⊐tsʜɾʃdzɔts ʷ tɑ·ɑ‰ɴɥɾʃɾʃ ɔ tʃtɑtsɥ¸ʜlztɑz ʕtstɑtsdɑ·Oɴɥɾʃɾʃ. ʂ O·ɻ Hʳ ? dɑ‰ɔʳ ? ʕtstɑtsdz tʃtɑɾʃ fɳɸtsɥ¸dʒtʃtsfɳɸʷʰ ｊ dɑ‰ɾʃɾʃ Htsdɑɴ¸ｊ dɑ·ʙʳ dzʃtɑʃʕtsfɳɑ‰zlsʲ fɳʸ ɾʃLɔ¸ｊ fɳʂdz‚ dʒtsʙtɑ·Ltsdʒ ʕ ʙtsdz dɑ‰sdʒz ɾʃ tʃtɑtsɾʃLdɑ¸fɳʂɾʃ ɾʃLtɑ¸ɥ¸dɑ‰ｊ: ç↴ tɑʃʕtsfɳɑ‰sɔ¸dɑ‰ｊ dʒʕtstɑtsdz Hɔ·ɾʃfɳɥ¸dɑʃʃlsɥ¸ʙʷ ɻ tsfɳʃtsHʲ è. ʂ ɻ lstsʔ ɥ¸tɑ¸dʒsdɑ‰ɾʃ tslsdɑ‰sfʸlsfʸ fɳɑ‰sɔ·Oɠ¸tɑ·ɥtsɠ·Oʕ tʃ¸tɑtsdɑ·O; ʕtslststɑʳ ?, lzfɳɑ‰zʰ ɠ·ɔ, ɥ¸lstsʃʁ Htsɔɾʃʕ XII (1462 ð 1515) fɳʜ¸dɑ·O‰zʈ ɾʃʰ ｊ dz‚ ｊ ɠ¸dɑ¸tɑ·O‰dɑʃʃfɳɳʃɾʃdʒzfɳʂdʒLO‰zfɳʃ¸⊐ɾʃ ɔ ɔtsʔdɑ¸ tʃtɑtslsɾʃɔ ɾʃfɳʃ·O‰dɑ‰¸ɥ¸ ɔ ɾʃ Hɑ·O‰z¸dʒz ɥʈɑ¸ʟɔʳ ɥ·Oʔdɑ‰zʁ ɔdɑ·fɳʂʸ, fɳɑ‰¸Hɠ¸dʒ ? ʟɑ·ɔɾʃfɳʂʸʁ ɔtsfʕʃɾʃdɑʃʕɾʃ ɾʃɾʃ, ʕtɑtsdʒ¸ dʒtsɠ‰zʰ ｊ fɳʂɔ·O‰dɑ¸ɥ¸ɾʃlsʲ ʟtsʙʳ è.

ʀ ʟ ⊐tɑtsdɑ‰ʕ ʕtstɑtsdɑ·O‰ɥ¸ɾʃ ʃʁ Htsɔɾʃʕ·OXIV ɾʃʟɔ¸ｊ fɳʂdɑ‰s, ɥ¸lstsｊ ɠtsʃtɑ¸ʙʳ ɔO·ɑ‰ɑ‰¸ ɔ ʈ¸ｊ ?dʒfɳ¸ʙʳ dɑ‰tslsdʒ¸ɥ¸ｊdɑ‰s lstɑ¸dʒʷ Gʕɥ¸ɥ¸ɾʃʷdʒʕɾʃ. ʃ tʃtsdɑ¸Hｊdz dɑ‰ʕ, ɔts ɔlststɑts? tʃtsdɑ‰sɔɾʃdɑ¸ Hdzʷ, ʕtstɑtsdz tʃtsdɑzɥ·Oʕ ls dɑ¸dɑ‰slz ɾʃ dʒ·O‰dɑ‰sɾʃʁ ʟdɑ·O‰dʒ¸dɑ‰ʃstsɠtstɑʳ ɥ·O·ɑfɳʕtsɠtstɑ tstɑ·Hｊdɑ·O·ʜ ɔʷlstsɠtstɑ ɾ ɴzʃ⊐O·ʃ ts ɔlststɑtɑ‰ʕ ɔ tʃ·O·ɑʕ¸ｊ ʜ¸ｊ dɑ·ʈ¸ｊ dʒʕ tsdɑ·ʃtɑɾʃʕ·Ofɳʕɾʃʸ ʕ lsʳ fɳʸɥ¸ɥ¸ ʙtsdz dz‚ ⊐ ʟtsdɑ‰slsz⊐ts?. ʂ tstɑtsdz -ɥ¸ɴzHtslsɔtstɑ¸ɥ¸tsʙtɑ·Oʃ Oʕlsfɳʸ ʕ ʕO·ɻ Htsdʒz fɳʂ fɳɥtsɔ·O‰dʒɾʃ, ʕtslststɑʳ ｊ tʃtɑɾʃdzʷlsts ɠtsɔtstɑɾʃlsʲ : ç ʂ tstɑtsdz ʕ lsʲ¸ʙ¸ tʃtɑɾʃʕ·Ofɳʕɾʃʲ, ɻ tsfɳʃtsHʲ ɾʃfɳɥ¸ｊdzʸ¸ｊlsè,ð ɔ ɻ lstslsdʒtsdʒ¸dɑ‰s dɑ¸fɳɥ¸·Ofɳʂdzʰ ｊ dz‚ Hɾʃ tʃtsdɑzɥ·O‰dɑ‰ʃ fɳʕtɑ¸ʙtɑʷdɑzʁ dʒtsdɑ¸lsz. ʕ lsO·ɾʃLdɑzɑ‰tɑʷʁ ʰ O·ʸ ɥ¸ｊtɑ¸dʒtsdɑ‰ʃʷ, ʕtslststɑzʁ ʃʁ Htsɔɾʃʕ XIV ʙzHｊ ls tʃtsɔlststɑʷlsʲ dɑ¸fɳʕtsdz ʕts tɑ·L ɔ ɠtsʜ, ɔʳ lʳ ɔG¸ls lz tʃtɑɾʃfɳzlsfɳʂɔlzʁ ʰ ɾʃ⊐ ɔtsfɳ⊐ɾʃʰ ｊ dɑ‰ｊ: fɳʕtsdz ʕts ɻ¸ｊ ʁ dz‚ ʔ ʕtstɑtsdz ɔʕdɑ·Oʳ ɔG¸ls ɔ ɻ lsts dz‚ ʙ¸ｊ ʟdɑsfɳʂɾʃ ɾʃ ɔdɑ‰ɾʃ·Oɑ‰ʷ, çɾʃ, ⊐tslsʷ ʙʳ dɑs ʙtsdzʰ tsｊ ʕtsdɑɾʃɥ¸ fɳʂɔts ʙtsdz dz‚ ⊐ ɾʃ ʙʳ dɑs tsɥ¸dz‚ ɻ O·ɑʕ¸ts, ʕtstɑtsdz tʃ¸ｊ tɑ¸ʜts⊐dɑzdzlstsdzʕts ʜɔO·ʃ Hʳ , ɥ¸lstsʙʳ ɔʳ tʃɾʃlsʲ ɔtsʜʳ è. ʃ tʃtsfɳʃɥ¸Hdɑɾʃ? tɑ·O·ɻ lstslstɑɾʃlsz·Oɑtʃtɑɾʃdʒ¸dzʷdɑfʸ ɔ ɥ¸ｊtɑ¸dʒtsdɑ‰ɾʃ ʕtstɑtsdɑ·Oɴɥɾʃɾʃ ʂ O·ɑdɑ·OX (ɠtɑ·GʷO·ɻ tɑtsɔ·Oɑzfʃʕtsɠts) ɔ 1824 ɠtsʜlz. ʜ tɑ¸ʜɾʃ dɑ¸dʒ¸ ɥʕɾʃ⊐ ʜɾʃdɑ‰fɳʂɾʃ? fɳʃɾʃdz ɾʃfɳɥ¸ｊdzʸlsʲ ɾʃdʒ¸dɑ‰ɾʃ ɠ¸ｊtɑ·ɥtsɠ·Oɾʃ ɻ O·ʙfɳʙlztɑ·ɠɾʃ.

ʊ ɻ tsdʒ¸tɑ·O(ʀ dɑ‰ʃO·Hʘ¸ 343; ʃ Hɾʃfɳɥɳʷ. V, 3) ɔfɳʂtɑ¸ɥ¸ʃʃlsfʸ ɠdɑ·O·ɠtsdzva?iyeiv, tsLdɑ‰ɥ¸O·ʸ ʰ ɾʃ? çɠdɑ·O·Hɾʃlsʲ è ɾʃ çlzfɳ tʃdzʷlsʲ è. ʃ ts dʒɑ‰sɠ·Oʃ⊐ dʒ¸ fɳʂO·ʃ ʊ·OɑzdʒzʜO·ɾʃ ɻ ɾʃʙdɑ‰ɾʃ dʒʳ dɑ·O·ʃtsHɾʃdʒtsʃtʃɾʃfɳ·Oɑ‰ʃʷ, ɠH¸ｊ ɠtsɔtstɑɾʃlsfʸ tsʙ ɾʃfɳɥ¸ｊdɑ¸dɑ‰ʃʷ⊐, Htsfɳʂɾʃɾʃɠ·Oʃ dʒʳ ⊐ dɑ·O·ʃtsHtsʙɾʃ¸ｊ ɾʃʟɔ¸ｊ fɳʂdz‚ ⊐ dʒ·O·ɠ¸dɑ¸lsɾʃɥ¸ｊ fʕʃɾʃ⊐ tʃ·O·fɳʃtsɔ. ɻ tɑɾʃɥ¸ｊdʒɔ ʊ·Oɑzdʒzʜ¸ｊ ｊ fɳʂʲ fɳʂtɑtsʕɾʃ, ɠH¸ｊ ɠtsɔtstɑɾʃlsfʸ

tsʙ tsfɳsʙtsqʒ fɳsfɳstsʷqzʃqʃ, əʳ lʳ əⵔ¸qzsqʒˡ lsʃqʃqʒ tʃtɑʃ¸qʒ⊙qʒʃ: çˬ¸qzsəj¸ʕ fɳʃqʃls qʃ qj¸ fɳʃqʃls, ʙtsHtɑfɳsəlz¸ls qʃ qj¸ ʙtsHtɑfɳsəlz¸ls, tslsəj¸ˬⵔ¸ls qz⊙ətstʃtɑtsfɳ , qzs tʃtɑʃˡ lstsqʒHlzʰ j¸əqzs tslsfɳzlsfɳsəlz¸jsè. l j¸ˡ lstsqzʃ j¸fɳsˢ tstʃqfɳ⊙qzʃ¸ gʃqʃtʃqzsL⊙?!

[fɳqzʃ əqzʃqʒ⊙sj¸qz qzs tʃtɑʃfɳqʒtslstɑj¸lsˢ fɳʸ, lsts qj¸gʃ⊐ts L⊙qzj¸lsqʃlsˢ , ˬⵔlsts qzʃ tsHqz⊙tɑj¸qzʃqʃʃqʷ qʃ ə fɳj¸HTS?

HTɑj¸əqzsfɳlsqʃ, qʃ fɳj¸gʃtsHqzʷ qj¸ fɳʚtsʙtsHqz⊙tslsgʃqʃtʃqzslsqʃˬⵔj¸fɳʃqʃ⊐ tʃtɑʃ¸qʒtsə. ɹ ts əfɳj¸? ˬⵔj¸tɑj¸Hj¸ qʃfɳjststɑqʃˬⵔj¸fɳʃqʃ⊐ fɳtsʙʳ lsqʃ?, ˬⵔ⊙ʲ j¸əfɳj¸gʃts ə fɳʚʷLqʃ fɳtɑj¸qzʃqʃgʃqʃtsLqzʷ qʒʃ ʕlzqzʷ lsQqʒʃ qz⊙qzstsHtsə, tsʙqz⊙qzxˬqʃə⊙ⵔ lsfɳjʙʷ gʃqʃtʃqzsL.

ʍtɑʃfɳsqʃ⊙qzʃɳsəts, tʃtsHtsʙqzts ʷLʳ ˬⵔj¸fɳsəlz, fɳyqzʃj¸qzs qʃLəqzj¸ˬⵔˡ əʳ gʃtsHlz qʃL gʃqʃtʃqzslsqʃLqʒ⊙ ɹHj¸ʙʳ qzʃ tʃtɑtsqʃfɳ⊐tsHqʃqzts ʙtsgʃtsfɳqʷlzxˬj¸qzʃqʃj¸, əfɳj¸ lzfɳstɑtsj¸qzts lsQʕ, ˬⵔlstsʙʳ tʃtstɑ⊙Lqʃlsˡ ətstsʙtɑ⊙xˬj¸qzʃqʃj¸: tʃtsqzlzqʒɑ⊙ʕ, ʙqzʃ⊙gʃtsətsqzʃqʃʷ, ʙqzj¸fɳʕ Ltsqzslsꝛ⊙ Ləlz⊙ʕqʃ qzʃʏlzLʳ ʕqʃ. ɾ j¸fɳjsʳ fɳqʷlzxˬqʃlsˬj¸qzj¸? ⊐tɑ⊙qʒ⊙ð lsˬj¸xˬj¸ gʃqʃtʃqzslsqʃˬⵔj¸fɳʃqʃj¸ tʃ⊙fɳfɳ , fɳtʃtsfɳtsʙqzˬ j¸ tʃtɑʃəj¸fɳjsqʃ əj¸tɑlzʁ ɦ qʃ⊐ə gʃqʃtʃqzslsqʃˬⵔj¸fɳʃtsj¸ fɳtsfɳjstsʷqzʃqʃj¸. ʀ ʕtsqzj¸ˬⵔqzts xˬj¸, tʃfɳqʃ⊐tsqztsgʃqʃˬⵔj¸fɳʃqʃ? ʷʷ⊙ʕlststɑð əj¸tɑ⊙ʙj¸L ʕtslststɑtsʔ əfɳj¸ˡ lsqʃ çˬⵔlzHj¸fɳʃ⊙è ətɑʷH qzʃ ətsLqʒsxˬqzˬ. ɹtɑˡ?Hqʃlqʒ

ɹ 1841 gʃtsHlz HTSʕlststɑ[xˬ. ɹtɑˡ?H qʃL ʕHqʃqzʙlztɑgʃ⊙fɳqztsə⊙tʃtsHqzʷqzətstʃtɑtsfɳtsxˬqʃətslstsqzʒqʒ⊙gʃqzj¸lsqʃLqʒj¸, qzts tʃtsH HTɑlzgʃqʃqʒqz⊙Lə⊙qzʃqʃ¸qʒð çgʃqʃtʃqzsLè. ʊ⊙ʕqʃqʒtsʙtɑ⊙Ltsqʒ fɳʃlzfɳjsʷ 59 qj¸ls tʃtsfɳqzj¸ tslsʕtɑʳ lsqʃʷ ɿ ʁ - qʃfɳjgʁ tɑtsqʒˬⵔj¸lsəj¸tɑlstsgʃts fɳtsfɳstsʷqzʃqʃʷ fɳtsLqz⊙qzʃqʃʷ qʃfɳjststɑqʃʷ gʃqʃtʃqzslsqʃLqʒ⊙tʃtsqzlzˬqʃqz⊙qj¸tsxˬqʃH⊙qzqzts¸ tʃtɑtsHtsqzxˬj¸qzʃqʃ¸. ɾ xˬj¸?qʒfɳɹ tɑˡ?H, ts Hj¸ʷlsj¸qz qzsfɳjsqʃ ʕtslststɑtsgʃts qʒʳ əfɳʕtstɑj¸ tɑ⊙fɳfɳ⊙xˬj¸qʒtʃtsHtɑtsʙqzts, fɳtsfɳjstsʷqzʃqʃ¸, tsʙtsLqz⊙ˬⵔj¸qzʃqzsj¸ ɿ ʁ qʃfɳjgʁ tɑtsqʒʕ⊙ʕ çqʃfɳʕlzfɳfɳjsəj¸qzʃqzsə ʳ Lə⊙qzʃqz¸ ? fɳtsqʒqz⊙qʒʙlzqzʃqʃLqʒè, qz⊙Lə⊙qzʃ fɳqzts⊙tsqʒçgʃqʃtʃqzsLè (gʃtɑj¸ˬⵔj¸fɳʕtsj¸ hypnos ð fɳtsqz). ʕ lsts-lsts, ətsLqʒtsxˬqzts, fɳʕ⊙xˬj¸ls: ʕ⊙ʕ⊙ʸ, fɳtsʙfɳjsəj¸qzʃqzts, tɑ⊙Lqzʃˬq⊙ ʕ⊙ʕ j¸gʃts qz⊙Lə⊙qzsˡ ? l j¸ fɳʕ⊙xˬqʃlsj¸. ʀ Ləj¸fɳjsqzts; ˬⵔlsts fɳqzts⊙⊙ə fɳtsLqz⊙qzʃqʃ qzˣ Hj¸? ⊙tʃtɑʃtstɑqzts fɳʚʷL⊙qzˣ fɳqʃ⊐ fɳqʃʒ fɳqzts⊙ʳ qʒfɳtsHj¸tɑxˬ⊙qzʃqʃj¸qʒ ʕlsts Lqz⊙ˬqʃls, ˬⵔlsts fɳqzts⊙ts qʃqzj¸j¸ls L⊙Hˬ⊙qzqzʃ¸j¸ L⊙H⊙qzqzʃˣ ⊙fɳfɳtsˬqʃ⊙ˬqʃˣ fɳlsj¸qʒ ˬⵔlsts tsqzts Htsqzxˬ qzts tslstɑ⊙xˬ⊙ls . ɹ tslsqʃ ə ˡ lstsqʒfɳqʃlzˬ⊙ tsʙtɑ⊙Ltsə⊙qzts fɳʰ ʷLʳ ʕtsətsj¸ ʕqzʃqʃʰ j¸ ð fɳtsqz.

ɹ fɳj¸ʙʳ qzʃˬⵔj¸gʃts, tsHqz⊙ʕts ˡ lsqʃqʒqz⊙Lə⊙qzʃ¸qʒɹ tɑˡ?H tsʕ⊙L⊙qzqʒj¸Həj¸xˬˡˣ lzfɳqʃlzgʃlz, qj¸ətsqz qzts tsʙtɑj¸ʕ⊙ʸ əqʃHj¸ls lstsqzʕts lsts, ˬⵔlsts tsLqz⊙ˬ⊙ls fɳ⊙qʒlsj¸tɑqʒʃqzçgʃqʃtʃqzsLè. ʃ ʙəqʃqzʷlsˡ j¸gʃts qj¸ ʙlzHj¸qʒ tsqz. ts⊐⊙ɑ⊙ʕlsj¸tɑqʃLtsə⊙qzlsts, ˬⵔlsts lzəqʃHj¸qzqz⊙Hj¸qʒtsqzfɳstɑ⊙ˬqʃqʃ lzˬj¸qzʃʕ⊙ʃ j¸fɳqʒj¸tɑ⊙

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ɹ ɬsʝ ɯʝ ɑʣɑʃʝ ɑʒɑʦsɕɑ˥˩ əʝ ʕʦəɹ ɮʦɯʝ ɑʣ˕ ʝ -ɑʒʝ ʜɑʃʕɑ˧ fɳʧʘɤʘɑʣɑʃfɳ ɑʣ˕ ʙʳ ɑʒɑʒʝ ɬsʦʜʦɑʒʧʃɤɑʃəʝ fɳʧsɑʃ ʙʦsɑʣ˕ ɑʦsɕʦs ʧʃʝ tɤʝ ʜ ʦʦʃʝ tɤʘɯɑʃʝ ʔ ə ʙʝ fɳɳʧsʟɑʣʘɬsʝ ɑʣ˕ ɑʦsʝ fɳʧsfɳɬsʦʷɑʣʃʝ . ɹ tɤʘɯɑʃ ʧʃʦsʣ˕ ʟʦsəʘɑʣɑʃfɳ ʦstʃɑʃʝ ɑʒ ɑʒʘɑʦʜtɤʘɑʦʦɬsʦʦʦʔ, ʙʦsɑʣɑʃɕʦsɑʦsəʦsɑʒ ɯɑʃʕʟɬsʦʦʔ, ɑʃɑʦʜɑʃʔ fɳʕʦʔ ʕʦsɑʦstʃ ɑʝʔ ɑʃɑʣɑʃ ʘɑʣʕʦsɑʦʝ ʃ ɑʦsɕʦs tɤʘʟ ʧʃʦɑʃɑʒʝ ɑʝɑʣɑʃʝ ˩ɬsɑʃ˥ ɑʣʘɤʕʦsʝ ʦɬsɑʃʕʦəʧʃʦɑʃəʦsʜɑʃɑʦs ʕ ɬsʷɤʝ ʝ ɑʣ˕ ɑʒʦsfɯɑʦsɤʝ ɑʝɑʣʷɑʒ ʜʘɤʝ ʝ ʕ fɯɑʒʝ tɤɬsɑʃ. ɹ ɑʣʘɯʘɑʝ XIX əʝ ʕʘ ʷʷ tɤʘɑʦʟʟfɳʕɑʃʔ ˥ɑʃtɤɬztɤɕɹ ɹ ʘɤʜtɤɬsʧ ɑʣʘɯʘɑʦʧʃtɤɑʃɑʒʝ ɑʣʷɬsˢ ʜɑʣʷ ɯʝ ɑʝʔ tsʙʝ ʟʙtsɑʣəʘɑʣʕʷ tsʙɑʃɑʣ˕ ɑʣ˕ ʝ ʕtɤɬsəʦsʧʃʟfɳʕʘɑʣʕʷ. ʊ tsʜɑʣʔ ɤʝ ʝ ɑʣ˕ ɑʃɑʣ˕ , ʕtsɬsɬstɤɬsʔ ɑʝʕtsʙ˥tsʜɑʃɑʒɬs ʙʳ ɑʦs ɬzʜʘɑʣʕɬsˢ tstʃɬz˥tsɑʣ˕ ɑʦsʙɑʣ˕ ˥ ʕtsfɳɬsʝ ʔ, tsɑʣɑʦɤɑʃfɳʕɑʣʕɑʣəʳ ʧʃɬzfɳɬsʃɑʃɬsˢ tsʕtsɑʦs ɑʣʃɬstɤʘʕtɤɬsəʃɑ. ɬ ʘfɳɬsɬzʧʃɑʃɑʦs tsʙɑʒɬstɤɬsʊʃɑʦsʝ fɳʧsfɳɬsʷɑʣʃʝ , əɬsfɳʧtsɑʣ˕ ʟtsəʘəʰ ɑʃfɳ ʕtsɬstsɤˣ ɑʒʧʃtɤʝ ʜtɤɑʃɑʃɑʒʊʃɑəʳ ʔ ɑʒʝ ʜɑʃʕ ʧʃtɤɑʃʟəʝ ɑʣtsʜɬz, ʊʃɬsts fɳʧsɑʣʜʘɬsʳ , ʧʃtsɬsʝ tɤʷəʰ ɑʃʝ ɑʒɑʦsɕʦs ʕtɤɬsəɑʃ, ɑʝɕʔʊʝ ʧʃʝ tɤʝ ɑʦsfɳʸɬs tstʃʝ tɤʘɬsɑʃəɑʦsʝ əɑʒʝʰ ʘɬsʝ ɑʣ˕ fɳʧsɤɬsʝ əʳ ʟʜtstɤʘəɑʣɑʃəʘʸ ɬs. ʊɬs ɤʝ ʝ fɳʘɑʣʒɬsʝ ʧʃtsʕʘʟʘɑʣɕɑʣʘəɑʣ˕ ʔ ˥ɑʃtɤɬztɤɕʘɑɑʒɑʃɑʃ ɹ ʘʧʃtsɑʝtsɑʣʘʙʘɑʦsɑʣʕ tstɤəɑʃʟɬsʦʃʝ tɤʘɬsɑʃəɑʦsʝ ʘɑʒʝʰ ʘɬsʝ ɑʣ˕ fɳʧsɤɬsʝ əʳ ʟʜtstɤʘəʝ ʝ ɑʣʃɬstɤʘʜ

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dʒ нɑʃuɑʃdzfʃtsɑ̃ts ʷ GʃlzdzlsjlsOɸ dz ʷtɐj н нlzɑʃfnɸtɐɑdʒOdzʃ Oɪɑɑʃ˙j dzтʃts (1795ð 1867) ə 1839 ɑ̃tsнlz тʃlzвdzɑʃuɑɪs LOʸəɑʃdz, uʃsts çlzfnʃstɐOdjɑdzʃj вtsdzʃ тʃtɐʃ tstʃjtɐOuɑʃʷ ð ɔɑʃdʒjtɐO, ts ʃtslststɐts?
djɸтʃtsLətsdzʃlsjdzdzɪs нOɪj нlzdʒGʃsᴵ ; tɐjɪlzʰ ɑʃ? ɑʃdzfʃstɐzdʒjdzɪs ɑʃ вtsdz ð нəOтʃtsdzʷlsɑʃʷ, djɸtslsнjdzɑʃdʒ j нtɐzɢtslsнtɐzgO ʉ нjdzGʃsᴵ tstʃjtɐOuɑʃᵏ вj LвtsdjɸLdjɸdzɪdzɪs? ð ɻlsts dʒjuʃsO, ʃtslststɐOʷ dzɪʃtsɑ̃нOdjɸ tsfnjzʰ j fnʃsəɑʃlsfnʸè. ɻ tɐts?нjlsətɐjdʒʷ, ɑʃ 27 ʷjətɐOdzʷ I860 ɑ̃tsнOtsdzəʳ fnʃslzтʃɑʃlsə ɻ Oɪɑɑʃɪɑʃ fnʃtsʃ? dʒjнɑʃuɑʃdzfʃtsʃ? GʃlOнjdʒʃɑʃ ɑʃ tɐjнfnʃsO⊐ɑʃlsɑʃLʳ fnʃGdzɪʃʷ ɹ tɐᴵ ʃ?нOʃlOʃ tslsʃtɐʳ lsɑʃj. ɻ tɐɑʃdʒjuʃsjdz dzɪs, uʃsts GʃlOнjdʒʃɑʃʃGʃdʒнOɪj ə ɑ̃tsdzɪsəlz djɸ тʃtɐɑʃʰ dzɪs, uʃsts тʃjtɐjн dzɪɑʃdʒʃ fnʃjdzɪdzɪɑʃəʰ ɑʃ? dzɪOlədzɪɑʃj ɑʃ tsfnjzɪɻнjdzɪdz ʃ? ɑʃdʒʃ əfnj lstslsɻj ɻ ɑʃətslsdz ʃ? dʒOɑ̃djɸlsɑʃLdʒ l GlzʃlOts ɢɑʃтʃdzɪslsɑʃLdʒj, вdzɪdɑ̃tsнOɪɐʷ lstsdʒjz uʃsts вʳ dzɪO lzтʃGʃtsəOdzɪOə ʷɑʃLɑʃtsdzɪsɢɑʃujfnʃlzᵏ lsjtstɐɑʃᵏ, ədjɸLOʃdzɪs тʃtɐjнfnʃsOdzɪOтʃjtɐjн GʃlOнjdʒʃɑʃʃGʃdʒʃə fnʃtsəjtɐʰ jdzɪdzɪs dzɪsətsdʒəɑʃнj: тʃtɐtsfnʃjlsdjɸdzɪdzɪs?, тʃtɐjtsвtɐOɻjdzɪdzɪs? ɑʃ dʒOdzʷʰ j ʃ? ʃtfnjвj ɑʃLʷʰ dzɪs? lstsuɪdzɪsfnʃsᴵ ᵏ LOdzɪsəts тʃtsfnʃsO⊐djɸdzɪdz ⊐ ɑʃ LGɪəOʃsʳ əO ʰ ɑʃ⊐ тʃtɐtsвdjɸdʒ

ʊtsdzʃtsтʃtsfnʃdjɸlzəjнtsdʒdjɸdzɪɑʃʷ GʃlOнjdʒʃɑʃ ɑʃLəjfnʃsdz dʒɪ⊐ɑʃtɐzɪtɐɑ̃tsdʒʃçdzɪsʃj tsв tstʃjtɐOuɑʃɑʃ tɐGʃlOɑ̃tɐzнdzɪsʃ? ɻjdjɸLʳ, ʃtslststɐzᵏ tsdzɪтʃtɐtsəjdz64-djɸlsdjɸʃ? тʃOɪɑɑʃɻOdlʃj ə 1829 ɑ̃tsнlz, ts uʃjdʒdʒʳ əʳ ʰ j тʃtsнtɐtsвdzɪs tɐGfnʃsOᴵ əOdzɪɑʃ, dzɪlzuʃdz ʃ? dʒʃtɐ, ɑʃ ə uʃOfnʃsdzɪsfnʃsɑʃ Odzɑʃdzɪɑʃʃ? fnʃɑʃj lzuʃjdz j, tsвtɐOʃsɑʃdzədzɪɑʃdʒOdzɪɑʃj dzɪO OdjɸfnʃsjLɑʃᵏ, əʳ LəOdzɪdzɪzᵏ ɻjɑʃətslsdz dʒdʒOɑ̃djɸlsɑʃLdʒtsdʒɑʃ ə ɻlsts? fnʃʷLɑʃ dzɪOfnʃOdzɪs ʷədjɸdzɪɑʃj. ʂ GʃlOʳ тʃtsdʒdzɪɑʃdʒ, тʃOuɑʃj dzɪsʃtʃOʂ dzɪsʃtʃj ə тʃtɐtsнtsdzɻjdzɪɑʃj əfnj? tstʃjtɐOuɑʃɑʃ fnʃ⊐tɐOdzʷdzOfnʃtsfnʃsвdzɪsfnʃsᴵ tɐOLɑ̃tsəOɑɑʃəOʃsᴵ fnʃtsʃtɐdzɻOʸ ʰ ɑʃdʒʃɑʃ ʳ ʃtOLʳ əOdzOтʃtsdzɪdzᵏ вj fnʃuʃəfnʃsəjdzɪsfnʃsᴵ ʃ вtsdzɪɑʃ, tsвdzɪOɪdzɻɑʃə əтʃtsfnʃdjɸнfnʃsəɑʃɑʃ fnʃsəjtɐʰ jdzɪdjɸʃ?ʰ jj tslsfnʃzlsfnʃsəɑʃj əfnʃʸʃtsɑ̃tsətsfnʃjtsdʒɑʃdzɪOdzɪʷ ts lstsdʒ uʃsts тʃtɐtsɑʃfnʃ⊐tsнɑʃdzɪs əts ətɐjdʒʷ tstʃjtɐOuɑʃɑʃ. ʃ lsts вʳ dzɪs dzɪfnʃstsdzʃʃtsɻjdjɸəjtɐtsʷlsdzɪs, dzɪfnʃstsdzʃʃtsтʃtɐtslsɑʃətstɐjuʃɑʃdzɪs fnʃdzɪsɻɑʃəʰ ɑʃdʒfnʃʸ ə dʒjнɑʃuʃɑʃdjɸ dzɪOтʃtɐtslsʷɻjdzɪɑʃɑʃəjʃtsə тʃtɐjнfnʃsOdjɸdzɪɑʃʷdʒ

ʏjtɐjL 13 djɸlsтʃtsfnʃdjɸ tstʃjtɐOuɑʃɑʃ ʂ dzɪsʃj ə ɸ dzɪɑ̃dzɪɑʃɑʃ вʳ dzɪs тʃtɐtsɑʃLəjнjdzɪs нəj OdzɪOdzɪsgɑ̃ʃuʃdzɪ j tstʃjtɐOuɑʃɑʃ: tsнdzɪOə l tslslsɑʃdzɪɑ̃jdʒʰ ɑʃtɐjɪ, нtɐzgOʸ ð ə ʃ j ʃ?fnʃsjtɐʰ ɑʃtɐjɪ, fnʃtstsвʰ Gjlsɑʃ LəjfnʃsdzɪʃʔOdzɪɑ̃dzɪɑʃʃ? fnʃɑʃ? ʷɑʃLɑʃtsdzɪsɢ ɹ. ɹ. ʂ Oɪɑɑʃjdzɪsjtɕ (ʂ Oɪɑɑʃjdzɪsjtɕ, 1878, fnj 17). ɹ lststɐtsj ⊐ɑʃtɐzɪtɐɑ̃ʃuʃfnʃtsj əɑʃjʰ Olsjdz fnʃsətslzfnʃjʰ dzɪs tsfnjzʰ j fnʃsəɑʃdzə 1842 ɑ̃tsнlz ɹ Oɪɑɐн (Ward), OɪdʒʃlzlsɑʃtɐtsəO⊐ʰ ɑʃ? ɑ̃tsdzɪjdz 42-djɸlsdjɸ-ʃ lz dʒlzɻuʃdjɸ, LOɑ̃ʃɑʃdzɪslsɑʃLɑʃtɐtsəOɪdzɪdzɪsdʒz ʊtsʷOɪdʒsdʒ ʊtɐjɪlsᴵ j ⊐ɑʃtɐzɪtɕ-

ɢɖʃuɻfɧʃtsɻ ɘdʒɻʰ Oɬsɻdz fɳɧɘtslzfɳʃɻʰ ɻdʑstsfɳʲzʰ ɻfɳɧɘɖʃdzɘ 1845ð
1846 ɢtsʜG⊐ʃ tsɖʃʟɻdz(Loysel) ɖʟ zɻ ɻtɶɬzɬɢO OɬɬʃɮzlsɖʃtɬtsɘOɘʰ ɖʃʔ ɘtsfɳjdʒɬʑOʜuOlsɖʃdɟɻlsdɟɻdʒzˠ dʑsʰ ɻ
ɢtsdɟɻdz ɖʃ ɘʳ dʑzʰ ɖʃɘʰ ɖʃʔ tʃGʕɻjɻlstʃtsɬeOɳɻjɻdɬdz ⊐ lszɶɻtɬʕlzdɟɻʟtsdʒʰ ɻʔdz ⊐ xɳɻdɟɻʟ, ɖʟ ʕtslststɛʳ ⊐
dɟɻʕtslststɛʳ ɻ ɖʃdʒɻdɬʃ ɘɻdɬʃuɖʃdʑʕlztɛɖʃdɬsɢtsʷʔuO ʕ lsɖʃdʒxɳɻ ɘtɛOutsdʒɘ
1847 ɢtsʜlz tʃtɬtsɖʃʟəɻʜɻdɬOɖʃʜɻdɬsɖʃuɬdɬOʸ tstʃɻtɛOuɖʃʷ ʜtɛlzɢtsdʒlz 30-dɟɻlsdɟɻdʒz ʙtsdz dɬsdʒz (Loysel, 1846).
ʏɻlsɘɻtɶlststsɻ ⊐ɖʃtɶlztɛɢɖʃuɻfɧʃtsɻ ɘdʒɻʰ Oɬsɻdz fɳɧɘtsð Oɬɬʃɮzlsɘuɖʃᵡ ɢtsdɟɻdɬɖʃ ɘ 1845 ɢtsʜlz
ɘtsfɳjdʒɬʑOʜuOlsɖʃdɟɻlsdɟɻdʒzˠ dʑsʰ ɻ ð tʃtɬtsɖʃʟəɻdzɔOɬɬstsdzʕɸdɬɬdɬʷ). ɹ ɻlstsdʒxɳɻ ɢtsʜlz OɬɬʃɮzlsOuɖʃᵡ tʃdɟɻuO
ɘʳ tʃtsdɬɬɬɖʃdzr ʸ dɬɖʃ, OOɬɬʃɮzlsOuɖʃᵡ ɢtsdɟɻdɬɖʃ Toswell, ʙɻʜtɶtsɻlzʜɻɘlzʰ ʕɖʃ OɬɬʃɮzlsɖʃtɶtsɘOɬdzr ˠ tɛOɬdz.ʀ
dɬʕtsdɟɻu, ə 1850 ɢtsʜlz tstʃɻtɛOuɖʃᵡ dɬOɬdʒOlsʕɻ tʃtɬtsɖʃʟəɻdzʃtɬtsʷɻfɳɧtstɛʌ G⁉ ɖʃʟʜlststʕɢtsdz dʒO
ɹ 1842 ɢtsʜlz ɖʃʟəɻfɳɧsdz ⁉ ɘtɛOuɖʃ dɬɖʃlsɻtɛOlststɛfɳʲtɛr xɳtsdzʌ tstɶʙ (John Forbes, 1787ð 1858) fɳɧtsʙʰ ɖʃdzə
dʒɻʜɖʃuɖʃdɬɬʃtsdʒtsʙtsʟtɶɻdɬɖʃɖ (çBritish and foreign medical Reviewè) tsʙ tsʜdɬsʔ tstʃɻtɛOuɖʃɖ,
ɘʳ tʃtsdɬɬɻdɬɬsʔ fɳʃtsdɬʕsʰ ɹᵡ xɳɖətslsdɬɬsɢts dʒOɢɬɻlsɖʃʟdʒO ɹ fɳɧOlsᵘ ɻ tsdzəʳ tɛOɳOuzʙtsdzʰ ɖʃɻ fɳɧtsdʒɟɻdɬɖʃʷ ə
lstsdʒ uɬsts ʙtsdz dɬsʔ dɟɻ uɬzəfɳɧɘtsəOuzʙtsdɖʃ. ʌ tstɶʙlz ʜtsəɻtɛʷdɬɖʃ, ɖʃɻɢts fɳɧɻtʃɻfɳɖʃfɳʃtɶtsɖʃʟəɻdzətʃɻuOlsdɟɻdɬɖʃɻ
dɬOɬtsʙʰ ɻ fɳɧɘɻdɬɬsɻ dʒdɟɻdɬɖʃɻ . ʃ tsɢɬdɬs dɬɖʃ ʙʳ lsᵘ ɖʃdɬOuɻ : fɳɧɘɻtʃɻdz ʜtsʕlststɛOdʒɻʜɖʃuɖʃdz ʌ tstɶʙ tʃtsdɬzuɖʃdzə
1817 ɢtsʜlz; tʃɻtɛəʳ dʒəəɻdzə tʃtɛOʕlsɖʃʕlz Olzfɳʕlzdz lsOuɖʃᵡ , tɛOɬtɛOʙtslsOɬɬdɬɬᵡ ʃ Oɬdɬɬdɟɻʕtsdʒə 1821 ɢtsʜlz; ə
1830 ɢtsʜlz fɳɧsOɬdzdɟɻʔʙ-dʒɻʜɖʃʕtsdʒɢɻtɛuɬsɢOʂ ɻdʒʙtɛɖʃʜxɳfɳʃtsɢts, Oə 1840 ɢtsʜlz ð tʃtɛɖʃɑɻOɸ dzʙɻtɶlsO
ɺ ɻəLɖʃtɛOʸ dɬOɬdʒɟɻdɬɬɖʃɻ ʌ tstɶʙOlz ɾᵡ tʃtslsᵘ ə ɹ ɻdɬɖʃʕtsʙtɛɖʃlsOɬɬɖʃɖ tsʙʲ ʷəɖʃdɬɖʃfɳ ɻɻʜɖʃɬsdʒʰ dɟɻdɬɬɖʃʕɖ,
əɻtɛɖʃəʰ ɖʃɻ ɘxɳɖətslsdz ⁉ dʒOɢɟɻdɬɖʃʟdʒ ʃ ʜdɬɖʃdʒɖʟ dɬɖʃ⊐ fɳɧsOlzɾ xɳtsdzʕ dɬdɬɖʃtslsfɳtsdz(1791ð 1868). ɸ
tʃtɬtsɖʃʟtsʰ dɬsᵘ lsts lsOʕ. 17 ɖᵡ dzʷ 1837 ɢtsʜOʌ tɛOɬɑɻlzʟfɳʕOʸ GʕOɻɻjɻdʒɖʃʷ, dʒʳ tsʙᵘ lsstsdʒɢtsɘtstɛɖʃdɬɖʃ əʳ ʰ ɻ,
tʃtsfɳɸɟɻ tʃʷlsɖʃdɟɻlsdɬɖʃ⊐ tɛOʟʙɖʃtɛOlsɻjdz fɳɧsɘ tslsʕOʟOɬdOxɳ ɖətslsdɬɬsdʒz dʒOɢɬɻlsɖʃʟdʒz ə tʃtɛɖʃʟdɬOɬdɬɖʃ. ʃ ʜɖʃdzɖʃʟ
fɳɧtsdɬʃtsə dʒOɢɬɻlsɖʃʟdʒOɾ Oɬdzʜɻɻ ʜɻjɻdɬɬtsʔ, ʙOɬtsdzɾᵡ tʃtslsᵘ, lzuɻdɬɖʃʕ OʙʙOlsOʌ OɬɛɖʃO, tʃtsəɻtɛxɳɻjdz, tslsdz dɟɻ
ʜəɻtɛɖʃ tʃOɬɛɖʃxɳ fɳʃɖʃ⊐ ʙtsdz dɬɖʃuʃɻjtɶɻʜ dɬɖʃdʒʟOʕtɛʳ lsʳ . ɹ ɖᵡ dɟɻ 1837 ɢtsʜOɾᵡ tʃtslsᵘ lzɻʟxɳ Oʃɻlsə ʃ tsdɬʜtsdz,
ɢʜɻj ə lsɻuɻjdɬɬɻ 20 dʒɻfɳʷuɻə tʃtɬtsətsʜɖʃlsʜɻjdʒtsdɬɬfɳɧtɛOlsɖʃədzɻ ɻ fɳɻOɬdɬɬfɳ dʒOɢɬɻlsɖʃʟOuɖʃɖ. ɺ Oᵘlsɖʃ⊐-lsts
fɳɻOɬdɬɬfɳOʃ tʃtsʙʳ əOɬdzʃtɬtsʷɻfɳɧtstɛɾ xɳtsdzʕ dɬdɬɖʃtslsfɳtsdz,ɖʟəɻfɳɧsdz ⁉ ⊐ɖʃtɶlztɛɢɖʃ ɘtɛOuɖʃʟ ʙtsdz dɬɖʃuʳ tʃtɶɖʃ
lzdɬɖʃəɻtɛfɳɖʃlsɻlsfɧʃtsdʒʕtsdɬɬdɟɻʜxɳɻj, ɺɖdɟɻdzʃ tsdɬɬtsdɬɬfɧʃtsɢtsʕtstɶtsdɟɻəfɧʃtsɢtsdʒɻʜɖʃuɖʃdɬɬfɧʃtsɢtsɖʟ⊐ɖʃtɶlztɛɢɖʃuɻfɧʃtsɢtsʕ
tsʙʰ ɻfɳɧsə.

ɾ ɤɬˌjˌʔdʒfɳʕ fɳɥjˌʔdz(Esdail), frɲ dzʷʰ tslsdzΘdzʁfɳʃtscʗts fɳʁʷʰ ˌjˌdzʁʁqʃʕΘfɳs fɳʃtɑtsdʒɬzʷ dʒqʃ ʜtsˉtsʜΘdɬʒqʃ, dzʁs ɘʳ fɳʁʕtsʔ ʕlzdzˈlslztɑtsʔ, tɑtsʜqʃdzfɳʸ ɘ 1808 ɠtsʜlz ɘ Pegth. ɾ dzʷ dʒtsdzʁsʜtsɠts ʕ fɳɥjˌʔdzΘdʒjˌʜqʃɥqʃdzʁΘdʒtsɠdzΘtʃɑtsdzʁsɤ qʃlsᵘ ʜtstɑtsɠlz ʕ dʒΘlsjˌtɑqʃΘdzˈdzʁsdʒʒz ʙdzΘɠtstʃtsdlzɥqʃᵍ , Θlzʜtsʙdzʁs tɑΘfɳʃtsdzʁsɤjˌdzʁlzˈ ʔ ɘʙdzqʃʟqʃ tslsjˌɠts ʜtsdʒΟ ʕ ʜqʃdzʁlzɑtɑcfɳʕqʃʔ lzdzʁqʃɘjˌtɑfɳqʃlsjˌls dʒtsɠʜΘlsᵘ dzlzɤ dzʁsjˌ tsʙtɑΘltsɘΘdzʁqʃjˌ . ʊΘʕ ɥʅstsˌfɳɘʳ ʙtstɑtsdʒtʃtɑtsᵂjˌfɳɳqʃ ʜtsdzɠts tɑΘldʒʳ ʰ dzʷlsᵘ dzˌ tʃtɑqʃʰ dzʁsfɳ.

ɾ -tɑʕ fɳɥjˌʔdz, fɳʁsfɳʁstsʷɘʰ qʃʔ dzΟfɳdlzɤʙjˌ ɘ ʃ fɳʁ-ʀ dzʁfɳʕtsʔ ʕtsdʒʃΘdzʁqʃ, tɑΘʙtslsΘdlzɘ ʂ Θdlz ʕlzlslsjˌ ɠtsfɳʃqʃlsΘdlz dzˌ dʒˉqʃtɑzlzɑtɑcɬtsdʒ .I 1846 ɠtsʜlz tsdzˌtsʃqʃfɳΘdlz, ʕΘʕ fɳɲʃtsdʒʁsʰ ɻ ʁ ɤɬqʃɘtslsdzʁsɠts dʒΘɠdˌjˌʁsqʃʟdʒΟˌdʒlz lzʜΘdzʁsfɳ ɻᵂᵂjˌʕlsqʃɘdzʁs ΘdlˌjˌfɳʁjˌʟqʃtɑtsɘΘlsᵘ ʙtsdzˌdzˌ ˉ ɘ 261 tstʃˌjˌtΘɥqʃqʃ, tʃtɑtsɘjˌʜˌjˌdzʁdzʁsʔ qʃdʒɘ ɠtsfɳʃqʃlsΘdlzʷˉ ʍlzɠdzʁqʃ (Hooghly) qʃ ʂ Θdlz ʕlzlslsfɳʃtsdʒ ɻ tɑqʃɥjˌdʒ 200 qʃʟ dzʁqˉ ʕGfɳΘdzʁqʃfɳ lzʜΘdlˌjˌdzʁqʃʷ ʙtsdzʰ qˉ tstʃlzˉtsdˌjˌʔ, ɘjˌfɳʁsdʒʃˌ ls ɥjˌlsʳ tɑjˌˉ ʜts tʃʷlsqʃ ʕqʃdzʁsɠtɑΘdʒʒʁsɘ, qʃ lzʜΘdlˌjˌdzʁqʃʷ dʒʁsʰ tsdzʁʕqʃ. ɭ GʜtsfɳʃʃΘʟΘsᵘ , ɥʅstsˌʕ fɳɥjˌʔdzfɳΘdʒ dlˌjˌ ɠʕqʃtʃdzʁslsqʃʟqʃtɑtsɘΘdlz, tsdzʃtɑqʃʙjˌɠΘdlzʕ tʃtsdʒʁsʰ qʃ qʃdzʁlzfɳʁsɘ, tɑΘʙtslsΘɘʰ qˉ jˌɠts tʃtsdʒʁsʰ dzʁʕΘdʒqʃ ɘ ɠtsfɳʃqʃlsΘdlˌjˌ ʍlzɠdzʁqʃ.

.I ɠtsfɳʃqʃlsΘdlˌjˌ çThe subscripsion Hospitalè tsdzˌlsGʕɤɬˌjˌ tʃtɑtsqʃʟɘjˌdz84 tstʃˌjˌtΘɥqʃqʃ. ʂ tɑtsdʒjˌ tʃˌjˌtɑjˌɥqʃfɳdlˌjˌdzlzˈ ˉ 345 tstʃˌjˌtΘɥqʃʔ tsdzɘʳ tʃtsdzlzʁqʃdzʟdzΟɥqʃlsjˌdz dzʁsjˌ ʕtsdzʁʃɥjˌfɳʁɘtsdʒjˌdlˌjˌ lsᵂɤɬˌjˌdzˈ ˉ: lzʜΘdlˌjˌdzʁqʃjˌ ʟlzʙtsɘ, tʃtɑqʃɤɬqʃɠΘdlzʁqʃjˌ ᵂʟɘ fɳʃtsdʒʁsʰ ɻ ʁ Θɭtslsdzʁsʔ ʕqʃfɳdlzʁslsʳ , ɘfɳʃtɑʳ lsqʃjˌ Θʙfɳɥjˌfɳɳʁɘ qʃ ls. ʜ. ʀ ʟ 261 tstʃˌjˌtΘɥqʃqʃ 14 ʟΘʕtsdzʁɥqʃdzʁfɳ dlˌjˌlsΘdlz dzˌ dʒqʃfɳˉtsʜtsdʒ, tʃtɑqʃɥjˌdʒdzʁqʃ tsʜdzʁΘqʃʟ dzʁqˉ dlˌjˌ ʙʳ dzΟ tsʙlzfɳdlzsɘdlˌjˌdzΟfɳΘdʒʁsʔ tstʃˌjˌtΘɥqʃjˌʔ (Esdail, 1846).

.I lsjˌɥjˌdzʁqʃjˌ ʰ ˌjˌfɳʁsqʃ dlˌjˌlsʕ fɳɥjˌʔdztʃtɑtsqʃʟɘjˌdzʙtsdzˌjˌ 600 ʙtsdzʰ qˉ ˉqʃtɑlztɑcɬqʃɥjˌfɳʃqˉ tstʃˌjˌtΘɥqʃʔ, ɥΘfɳʁsʳ qʃʟ ʕtslststɑʳ ˉ ʙʳ dzΟtʃtɑtsqʃʟɘjˌʜˌjˌdzΟdzΟʜ lslzLˌjˌdzɔɥΘdʒʃ ɘ dʒΘɠdˌjˌʁsqʃɥjˌ fɳʃtsdʒfɳdlˌjˌ (ɥqʃls. tʃts: ɹ tɑtsʜtsɘfɳʃqʃʔ, 1888).

.I tsʜdzʁsdzʒqʃʟ tslsɥjˌʁsɘ ʕ fɳɥjˌʔdzΟtsʙ lzʜΘdlˌjˌdzʁqʃ tstʃlzˉtsdzʁqʃ ɘ dzʁsfɳlz tstʃqʃfɳΘdlzΟtstʃˌjˌtΘɥqʃʷ: ÇC tʃtɑslsʕdzlzdz ʜdzʁqʃdzʁlzˈ dzʒdzʁsɤ tsdzʒʕtsɤ lz tsʕtsdzʁs ɘdlzlstɑˌjˌdzˌjˌdlˌjˌɠts lzɠtsdzʃΘGɠdzΟLΟ, tslsʜjˌdzʁqʃdzʰ ˌjˌʕqʃ tsls dzʁsfɳΟ ʕ lsts ɘʳ lɘΘdzʁs tsʙqʃdzˈdzʁsjˌ qʃʟdzqʃʷdzʁqʃjˌ ʕtɑtsɘqʃ qʃ dʒtsʟɠtstʃtsʜtsʙdzʁsɠts ɘjˌʰ ˌjˌfɳʁsΟ .I fɳj ɻ lsts ɘtɑjˌdʒʷ tʃΟɥqʃjˌdzʁstsfɳʁsɘΘdlzfʸ "dʒjˌfɳdʒjˌtɑqʃʟtsɘΘdlzˈ dʒ" qʃ, tsɥqʃdzɘʰ qʃfɳ tʃtsfɳdlˌjˌ tstʃˌjˌtΘɥqʃqʃ, ʟΟʷɘqʃdzˌɥlsts dzʁqʃɥjˌɠts dlˌjˌ ɥlzɘfɳʁsɘtsɘΘdlzè (Esdail, 1846).

ʂ Θdlz ʕlzlslsfɳʕqʃʔ çMedical Journalè, tsfʁsjˌʰ Θʷ tstʃˌjˌtΘɥqʃqʃ ʕ fɳɥjˌʔdzΟ, dzΟlʳ ɘΘdlzjˌɠts tʃΟɥqʃjˌdzʁstsɘ çʰ Gʔʕtsʔ ʟΟʕtstɑjˌdlˌjˌdzˉ ˉ qʃ lztʃtstɑdzˉ ˉ tsʙdʒΘdlzʰ qʃʕtsɘè. .I ʷdzʁΘdlˌjˌ 1846 ɠtsʜΟʕ fɳɥjˌʔdzʜtsdzʁsɤqʃdzʂ Θdlz ʕlzlslsfɳʃtsdʒlz dzˌ ʜqʃɥqʃdzʁfɳʃtsdʒlz ʜjˌtʃΟɥqʃdzΘlsΘdzˌdzʁslz ts tɑjˌʟlzdzˈ lsΘʁsΟˉ 75 tstʃˌjˌtΘɥqʃʔ qʃ tʃtɑjˌʜdzʁsɤqʃdzʂtʃtɑtsʜjˌdʒtsdzfɳʁtɑqʃtɑtsɘΘsᵘ , ʕΘʕ fɳɥjˌʃtsdʒʁsʰ ɻ ʁ ɤɬqʃɘtslsdzʁs-

fmjstœtsSɬ ʟlzʙtsɔ lz tœƟlɖz ⊐ tʃƟuɋʃ dʑstsɔ. ʃ ʜdʑSɬts ɔ ɻ j dʑɋSɬtsʙtœʃlsƟdʑɋʃ ɋdʑdʑsj tɕj fnʃɬ fmjstscdʒƟstscdʑsgɑɋʃuj fmʃtscdʒz tʃtœɋdʒj dʑɸdʑɋᵡ gɑɋʃtʃdʑsʟƟtsʞ ɋɔɋdɑfnʸ lstscdzSɬts ɔ XX fmjstscdɸlsɋɋ*.

ɻ tœtsʰ dʑs ʋjlsʳ tɕj gɑtsʜƟfnɟdʒtscdʒj dʑsƟtstʃlzʙdʑɋSɬtsɔƟdʑɋʷ fnɟtœtscdʒ[ʞ . ʌ tstœʙtscdʒj gɑts fnSj tʃlsɋʋjfnSɬts? fmjsƟsᵍ ɋ. ɻ 1846 gɑtsʜlz tʃtsʜ lsʷʞ j fmjsᵍᵡ ᵂƟSɬstsɔ tscdzʃtœɋʟdʑƟdzʞ ɋɔtslscdz ʔ dʒƟgɑdɸlsɋʟdʒɋ tʃtœɋʟɔƟdzʰ ɋtœtsSɬts ɋfnʃtscdz ʟtsɔƟsᵍ ɬ lstsgɑts tœtsʜƟƟdɸfmjsj ʟɋᵡ ɔ ⊐ɋtœdztœgɑɋɋ. ɭ ts j ʜɔƟfmjsƟsᵍʷ tʃtsʷɔɋdʑƟfnj, SƟS ɔ ɸ dʒj tœɋSj ʙr dʑƟtʃtœtsɋʟɔj ʜj dʑƟtʃj tɕɔƟʸ Ɵdɸfmjsj ʟɋʷ ɬᵂƟtœtscʒ Sɬsts tʃtœtsɋʟtsʰ dʑs 16 tsSɬsʷʙtɕʷ**, ɔ ɸ dʑɑdʑɋᵡ dʑsɔtsfmjsᵍ ʜtsʰ dʑƟ17 ʜj SƟʙtɕʷ. ʃ ʙ tslsɬtɕʳ lsɋɋ ʙr dʑs tstʃtɔj ʰ j dʑs 18 ʜj SƟʙtɕʷ ɔ çMedical Gazetteè ɔ fmjsƟsᵍ j, tsʟƟgƟdʑƟɔdɸdʑdʑsʔ çɬ Ɵʟɔj dʑɭƟdzʑ ʔ ʞ ɋɔtslscdz ʔ dʒƟgƟdɸlsɋʟdʒè. ɭ ƟʟɔƟdzʃj ɋdʑstœɋgtsɔƟdzs, dʑs fmjsʜj tɕʞ Ɵdzʃj fmjsƟsᵍ ɋ dʑʃSɬtsgɬts ɋ dʑʃʋjgɬts dɸ tœƟʟɔj dʑɭɋɔƟdzs.

ɭ Ɵfnjɸjʜlzᵡ ʰ ɋʔ ʜj dʑ ɋʟɔj fmjsdz ʔ ƟdzgƟdzʔ fnSɋʔ ⊐ɋtœdztœgɑ, tsfmjsʙj dʑdzs tʃtœtsfnjdzɔɋɔʰ ɋʔ fnʸ SƟS ɔʳ ʜƟᵍ ʰ ɋʔ fnʸ fmjʃj ʋɋƟdzʃfmjs tʃts tstʃj tœƟuɋʷ dzSƟdzɸfnj ʋj dʑʃʷ, ɾ ʞ tsLj ᵂ t tsʙj tœls ʃ ɋfmjstscdz(Liston, 1794ð 1847) ɔtʃj tɕɔʳ j ɔ ɻ j dʑɋSɬtsʙtœɋlsƟdʑɋʃ tʃtœtsɋʟɔj dztstʃj tœƟuɋᵡ fnjʃtscdzsʰ ɹᵡ ᵂɬᵂ ɋtœƟ ɭ Ɵʜts fnSƟʟƟlsᵍ, ʋjlsts Ɵɔlststœɋlsj ls ʃ ɋfmjstscdzƟɔ ⊐ɋtœdztœgɑɋʋjɋfnSɬtsʔ tsʙdʑɋfmjsɋ ʙr dzdɸtʃtɕj tɕj SƟj dzɜ ɻ tsfnjdʑɋɔʰ ɋfnʃ ɔ ʃ tscdzʷtscdɸ fnj 1817 gɑtsʜƟ) ʃ ɋfmjstscdzʷuɋlsƟdzdɸSɬuɋɋ tʃts ƟdʑƟlstscdzɋɋ ɋ ⊐ɋtœdztœgɑɋɋ, ʟƟsj dzʃtœtsᵂj fnjtjstœfmjɔtsƟdzɔ SɬʜɋdʑʃlzœtœgɑfnSɬtscdzʃlzdʑdɸɔj tœfnjɋlsj lsj, Ɵɔ 1834 gɑtsʜlz fnjdzsɔƟɔj tœdʑzdzfnʸ ɔ ʃ tscdzʷtscdzʷʜdzʔ tœzSɬtsɔtsʜfmjsɔƟ ⊐ɋtœdztœgɑɋʋjfnSɬtsʔ SɬdzɋdʑɋSɬtsʔ. ʃ dzʃtʃj ʋɋƟsƟdʑfnʸ ɔ ʞ lztœdƟdɸj çLancetè, Ɵɔ * ɻ 1938 gɑtsʜlz Sɬtɕɋ ɻ lzSɬɋ, tʃtœƟSɬlsɋSɬlzʳ ʰ ɋʔ ʜƟdʑsɋfmjsɋʟ ʃ tscdzʷtscdzƟ dzƟʃj ʋɋƟsƟdʑɔ çBritish Dental Journalè fmjsƟsᵍ ᵡ çɭ tœƟSɬlsɋSɬƟɋ tsgtœƟdʑɋʃuj dzɋʷ ʟlzʙtsɔtœƟuj ʙdzs? ʜj ʷlsj dz dzsfmjsɋè. ʃ dzɔʳ fmjslzʃƟdʑzfnj dzj Sɬʋɋʷdzɜɋ tʃts ɔfnjʔ ɻ j dʑɋSɬtsʙtœɋlsƟdʑɋʃ fnjɔdzj fmjsdzs fnjʟ Ɵdtœɋ ʟ Ɵʜɋdʑsdzɜ ⊐ɋtœdztœgɑtscdzɜfmjstscdzɜƟstscdzsgɑtscdzɜɋʟ Sɬfnjj SɬfnjƟ ɻ 1955 gɑtsʜlz tscdzʃ tsfnjdzsɔƟdzʃ ɹ tœɋlsƟdzfSɬtsj tsʙʰ j fmjsɔts fmjstscdzɜƟstscdzsgɑtscdzɜɋʟ Sɬtslststœsj fnjs ɔtɕj dzj dɸdzɜtʃtœɋɔdzj Sɬdzs ɔdʑɋdzɜƟdzʃj dzj ʜɋSɬtsɔ.

** 30 dzɜƟdsƟ1842 gɑtsʜƟʜtsSɬstsɑʃ tscdzʃgɑʃɋʟ ʉ z, ɸ lzʜƟdʑɋdztsʃlz⊐tscdz dzƟʰ j j , tʃtɕj ʜɔƟdɑɋlsj dz dzs tʃtɕj ʜdzsʞ ɋɔ ʙtscdz dzsdzjz ɔʜtS⊐dzlsˡ tʃƟdɑʳ ᵡ ɋtœƟ ɻ tscdz dzs? ʙr fmjstœts ʟGfnjdzdzɋ dɸ tʃtsʋzɔfmjsɔtsɔƟdzʙtscdɋ. ʃ ʙr ʋdzs tscdzʜƟɔƟdzfnjtsɋdzɜʙtscdz dz dzfmjsSɬƟdzɔɋfmjɋ, dzs dzƟᵘ lstslstœʟ tɕj ʰ ɋdzɋfmjʃtœtsʙtsɔƟsˡ ᵡ ɋtɕ ɾ Ɵʞ j tʃtɑɋdzj dɑfɔ ᵡ ɋtɕj ʰ j 5ð 6 tœʟ, ʃ tscdɑʳ dɑfSɬtscdzz dɸ fmjstsʙʰ ɋdzts dzsɔtscdzɜdzj lstsʜj ɋ dɸ tʃtɑʃƟdzj dzjz tsfnjsʙtsgɬts ʟdƟʋj dɑfʷ. ʃ ɋʰ ʳ 16 tsSɬsʷʙtɕʷ 1846 gɑtsʜƟ) SɬtsgʜƟᵘ ᵂɬᵂ ɋtœdzz ʔ dzƟœSɬtsʟ ʙr tʃtɑɋdzj dɸ dzjgɬts fmjstslsj ʋj fnjɔj dɑdɑfSɬtscdzɜʜƟdzsɋfmjstscdzʃ tstœlstsdzsdzɜ Sɬtslststɕʳ ʔ dzfʋjgɬts dɸ ʟdƟdzts fnjtsɋ⊐ tʃtɕjʰ j fmjsɔj dɑdɑfSɬGT, ʃ tscdɑʳ tʃtscdzʷdz, ʋjlsts ᵂ ᵡ lsɋʋj fnSɋ ʋj fmjsᵍ tslsSɬtɕʳ lsɋʷ tʃtɑɋdzƟʜdɸj-ʞ ɋflsj dʒz.

1833 [illegible] «Principes de chirurgie», [illegible]

[illegible] (1811–1870), [illegible] 1839 [illegible] 1846 [illegible]

[illegible] 4 [illegible] 1847 [illegible] 15 [illegible] 1847 [illegible]

[illegible] (1948) [illegible]

ʷəɑʃɑz, ɥʃsʇs fɳ⊙ɑʒ⊙ɑʃHjʷ ɑz⊙ɑ⊆ʇsL⊙ʃɥʇɑʃɑz⊙Hɑjɣ ɑʃls ɹ tsGɑz. ʃ j Hᴵ fɳʂGɑ⊙ɑʃɳɥzs lʂʇsɑʒz ɣ j ʙɑʃʙɑj2⊆fɳ⊆ʇsɑʒz ʃɥʇɑj Hɑ⊙ɑzᵏ ɹ tsGˈlzfɳ ʃɥɑʃzɸ Hɑ⊙ɑʒ⊙ ɥʃsʇsʙʳ əʳ ʇɑj L⊙ɑsᴵ lz ɑjɸGʇs ʇɑj ʙʇɑʇs, ɑL ⊆ʇslʂʇsʇɑʇsGʇs ʇsɑzɳɥslsəʇsʇɑʃɑzɾ əlz. ɬ ⊙ɑz⊆ʇslsɑʃLɑʃɑzᵏ ɦ ɑʃj fɳ2⊆ʇs2 fɳʂəɑ⊙˥ɑzʂʇɑʇsʷ ʇsʇɑɑʒ⊙ʙʳ ɑzɑʃ ɑʃLəj fɳʂsɑz. Hʇs ɥ ɑʃɑʒʃɳʂsɑz⊙ ʌ ʇɑ⊙ɑzɥzLfɳ⊆ɑʃ2 ʷʷ ɑʃLɑʃʇsɑzʂɑˇ, fɳj⊆ʇɑj ls⊙ɑᶜ ɬ ⊙ɑzɑʃɣ fɳ⊆ʇs2 ⊙⊆⊙Hj ɑʒɑʃɑʃ ɑz⊙lz⊆ ʌ ɑzzʇɑ⊙ɑzɳʃʇɑʃʙj gɑ⊙ɑz⊆ ɑjɸɑʒz ə tsʃʳ lsɑ˥ ɑz⊙ ɣ ɑʃəʇslsɑzᵥ ˥, ɑzs ɥɰ fɳʂᴵ əɑjɸHʇɑj ɑzɑʃʷ ˥ɑzʂʇɑʇsʷʷ tsʇɑɑʒ⊙ə ɑʒj Hɑʃɥɑʃɑzɑ⊆⊆lzᵍ , tsfɳʂʙj ɑzɑzs ⊙⊆lzʰ j ʇɑfɳ⊆lzᵍ , ʃʇɑ⊙⊆lsɑʃ⊆lz ʃʇɑʇɑʃɑz⊙Hɑjɣ ɑʃls, ʙj fɳɳʃ tsʇɑɑʒs, ʜ ɑʃɑʒʃ fɳʂɑzz.

ɻ ɑʃʃ ɑzs⊙ɑz⊙ɑzʒj lɑʃʷ

ɬ ⊙ɑz⊆ʇsL*, ls⊙⊆ ɣ j ⊆⊙⊆ ɑʃɑʃʃ ɑzsL, Hʇsɑzɑʇsj əʇɑjɑʒʷ ʙʳ ɑzə ɑjɸɑʒʃɑzsfɳʂɑʃ. ʃ Hɑzɑʃʇsəʇslsɑzʃɥɑʃɑʃj tslsɑʃɑʃʃɑzsL⊙ɑz⊙ j ɑʇs fɳɥj ls fɳɑzsɣ ɑʃɑzsfᵐ tsʙʇsfɳɑzsə⊙ɑz⊙ɑzsj ʃʇɑj HlzʙjɣHj ɑzɑʃj . ɬ ⊙ɑz⊆ʇsL tsʃ⊙fɳjɑzᵥ lzəj ɑzʃɥj ɑzɑʃj HʇsLʳ ɑʒʇsɣ j ls ʃʇɑʃəj fɳʂɑʃ⊆ ⊆ɳɑʒj ʇɑlsɑʃ ʃ⊙ɥɑʃj ɑzs⊙ ɬ ⊙ɑz⊆ʇsL əʳ Lʳ əGj ls fɳʂʇɑj fɳfɳ,⊆ʇslsʇsɑᵉ ? ʃʇɑʃəʇsHɑʃls⊆ ʇslsɑ˥ɑzᵏ ɥj ɑzɑʃᵍ fɳʂLɑz⊙ɑzɑʃʷ. ɥ ɻ lsɑʃɑʒɑjɣ j ɑz⊙sj ɑzᵥ ɑʒʇsfɳɑzsɣ ɑjɑzɑʃj ɑʒls⊙⊆ Hʇs fɳɑʃ˥ ʃʇsʇɑɑʃ ɑjɸ ɑz⊙lzɥɑʃɑzʃfᵐ fɳʃʇɑ⊙əɑzʷlsᴵ fɳʸ. ɬ j fɳʂʇsɑʃls ɑʃ ɑʇsəʇsʇɑʃlsᴵ , ɥʃsʇs ɑʇɑʃʃ ɑzs⊙ɑz⊙ɑzᵥ ɑʇjɑzɑʃ j ls ʃʇɑʇslsɑʃəʇsʃʇs⊆⊙Lɑz⊙ɑzɑʃ? ɑʃ ɑjɸ Hɑj ls⊙ʙfɳʂɑzᵥ lsɑzs ɑzɑʃ⊆⊙⊆ɑʃ˥ tsfɳɑzsɣ ɑjɑzɑʃɑzɑʃ?, ɑz⊙sʙʇsʇɑʇsls, fɳʂʃʇɑʇsəʇsɣ Hɑj ls fɳʸ ɥʃzəfɳʂəʇsɑʒ lzɑʒʃɑʇsls əʇsɑʇɑjɑzɑʇsfɳʂɑʃ, ʙɑz⊙ɬ j ɑzfɳʂəɑ⊙ Lɑ⊙ʙʳ lsᴵ ʷ. ⊆ lsʇs fɳʂfɳʂʇsʷɑzɑʃj , ɑʇHj ɑʃfɳɥj Lɑj ls ɥʃzəfɳʂəʇs fɳʂʇɑ⊙˥⊙ɑʃ lsʇɑjəʇsɑ⊆ʃ, ʃʇsɑzɥʃɑʃɑzs ɑz⊙Lə⊙ɑzɑʃj çɻ2ʷʷ tsʇɑʃʷè.

ɻ ɑʃʃ ɑzs⊙ɑz⊙ɑzɑʇjɑʒʷ ʃʇɑʇɑʃɑʒj ɑzᵥj lsfɳʸ ɑʃ ə ʃʇsfɳɑjɸʇsʃj tɑ⊙ɥɑʃɑzɑzᵥ 2 ʃj tɑʃtsH. ɻ ɑʃʃ ɑzsL, ə tslsɑzʃɥɑʃj tslsəfɳɥ˥ ɑz⊙ɑ⊆⊆lsɑʃɥ fɳ⊆ɑʃ˥ ⊙⊆⊙ɑz⊙ɑzɑʇjɑʒʷ ɑʃlsʃʇ⊆ə, lzfɳʂtɑ⊙ɑzᵥj ls ʙtsɑzᵥ ɑjɸ lOfɳɥj ls lzɑ⊆ɑjɸlsj ɑzɑʃʷ ʌ l ɥ , lʂʇs j fɳʂᴵ ɑjɸ fɳʂʃʇɑʇsəʇsɣ Hɑj ls fɳʸ fɳʃlzls⊙ɑz⊙ɑzsfɳʂᴵᵍ ɑʒʳ fɳɑjɸ2 ɑʃ ɑz⊙ɑzᵥʰ j ɑzɑʃj ɑʒ⊆ʇsʇsʇɑ⊆H ɑʃɑz⊙ɥɑʃɑʃ Hə ɑʃɣ j ɑzɑʃ2 . ⊆ ɥʇsɑʒj lʂʇsɑ⊆ʇs, ɑjɸ tsfɳɑz⊙ʙɑzᵥj lsfɳʸ ɑzɑʃ tsfɳʸ L⊙ɑz⊙ɑʃj , ɑzɑʃ fɳɑjɸz˥. ʃ fɳɑzsəɑzᵥ ɑʒə Hj 2fɳʂəɑʃɑʃ ɑ⊆⊆lsɑʃ⊆ɑʃ ʷəɑzᵥj lsfɳʸ ɑʃLɑʒj ɑjɸ ɑzɑʃj ᶫ ɑʒʂɥɑʃtsɑz⊙ɑzᵥ ɑzs2 tɑj⊙⊆ɥɑʃɑʃ ɑz⊙ʙtsɑzᵥ . ɹ tsɑzᵥ ɑzᵥ j əʇsfɳɥʇɑʃɑzɑʃɑʒ⊙ᵍ ls ʙtsɑzᵥ ⊆⊙⊆ ɑjɸ ɥʂʇs ʃʇsfɳʂʇsʇɑʇsɑzɑjɸj , ʃʇɑʇsʃɑ˥⊆tsHʷʰ j j ⊆⊙⊆ ʙʳ ɑjɸ fɳɑzɑʃɑʒʃ.

ʀ fɳɳɑjɸ Hʇsə⊙ɑzɑʃʷ ⊆ . ʍɑʃɑzᵥ⊙ɑ⊙Hʃʇs⊆⊙L⊙ɑz⊙ɑʃ: ʃj ʇɑ⊙ʇsj ð fɳʂj ʃj ɑzᵥ tsʰ lzʰ j ɑzɑʃʷ ʙtsɑzᵥʃ ə ɑ⊆ʃɑʃɑzsLj lɑ⊙ɑʃfɳɑ˥ls tsls ɑ⊆ɑzᵥʙʃɑzᵥ ɑ⊆ʃɑʃɑzslsʃɥj fɳ⊆tsɑ⊆ʇs fɳʂfɳʂʇsʷɑzɑʃʷ ʃ tsls ɑ⊆ʃɑʃ⊙ɑ⊙ʙj ɑzᵥ ɑzsfɳʂʃ ʃfɳɳʃʳ lʂlzj ɑʒᵏ ˥ (Hilgard, 1965) ʃ əlʂʇsʇɑʇsj ð ə ɑ⊆ʃɑʃɑzsLj ⊙ɑz⊙ɑzᵥ ɑjɸ ɑʃʇɑʇsʃfɳ⊆tsHʃls fɳɳʃtsɑzs⊙ɑz⊙ɑzs, ⊙əʳ Lʳ əGj lsfɳʸ əɑzᵥʰ j ɑzɑʃj ɑʒ(Hilgard, 1967). ɥ ɑʃtsfɳɑjɸHɑzɑʃɑʒ

* ɻ tɑj ɥɾ çɑz⊙ɑ⊆tsLʃfɳè ð tsɥj ɑʃj ɑjɸ ɑzɑʃj , tsɑjɸ ɑʒj ɑzɑʃj .

1926 and 1943 were years of great change in the life of the city. The population grew from 1,926,000 to 2,943,000, and the number of people living in the suburbs increased from 1,926,000 to 2,943,000. The number of people living in the suburbs increased from 1,926,000 to 2,943,000. The number of people living in the suburbs increased from 1,926,000 to 2,943,000. The

ʃ qʃ⊐Oqʃdzzɻ tsɬ?ʷʷjls
ʕtslststɑtsɕtstsɑtsɑdzɑ[tɑOLlzнO·ɬjdzɟ ʋq[⊐dzzdzO·ʃ ʳ LOdzjlsɑ[dzɑ[,ʋlstsʧO·ʋɑ[jdzɑsɬʕOdzɟ əLHtɑtsɕdzzdzO·нO·ɬj
lstsɕнO·ʕtsɕнO·ətsLdzɟjj lzɑ⊐OBʳ dzɑdzɟtsɣɑ[qнO·dzɑdzɑtsɑ[fɳBtsdzʰɑ[dzɜlstɑjɑ[fɳʕtsdzɜəLtstɑəO·dzɣʧɑ[tɑtslsjɑ⊐dzɑ[ʋjɑ[fɳʕɑ[?
ʧO·lstɑtsdzɹtsdzɟjlstsɕts,dzʳ əɑ[нjdzɑ[fɳBɑ[fɳlsəjɑ[dzɑzdzʰdzɜɑ[ɕdzɑOLO·dzɜɑ[,ʕO·ɬdzɜɑ[LɑdzɑdzɑʕOBtsdzɑ[è*.ɻɑ[ʧɑ[dzɑslsɑ[ʋjɑ[fɳʕtsj
tsBjLBtsdzɑ[əO·dzɑɑ[jəO·ɬlzʰjtɑ[ɑ[fɳlsəjɑ[dzɜjjlslsO·ɬɑ[jɣjнO·ədzɑ[jlstɑO·нɑ[ʋɑ[dzɑ[,ʕO·ɬɑ[ʧtɑ[⊐ɑ[tɑdztɑɕɕɑ[ʋjɑ[fɳʕɑ[⊐
tstʃjtɑO·ʋɑ[ʷ⊐.ɹ 1831 ɕtsнlzʧtɑtsʷjɑ[fɳɳstɕ∫lsjdzˉɾʲʸ ʖ fɳɳsdzzlzʕO·ʳəO·dzzʋlstsɑ[fɳɳʧsdzzLtsəO·dzɑɑ[jɕɑ[ʧdzɑsLO
dzɑsɣjjlsfɳɳʧsfɳɳsBfɳɳsətsəO·lsʰlzdzɜjdzzʰjdzɑ[ʁtɑtsнtsəʳ⊐BtsdzjɬɁ.∫B ɬlstsdzɜɣjjɕtsətstɑ[dzɑ→tsdzɅlzO·fɳɳʕɬəjdzɑ[ɑ[,əʋO·fɳɳsdzɑsfɳɳsɑ[,
ʂO·lslsjtɑtsdzɜ(1845)əʉzɸ,нO·lzdzɑɑjtɑ-fɳɳsdzɜ(1852)əɸdzɕdzɑ[ɑ[,∫G·ʷtsdzlsjdzɑsdzɜ(1860)ɑ[∫ʲjBts.ɾtsʕlststɕ
∫ʲj-Bts lzɣjjнO·ədzɑstʧtsdzLtsəO·dzfɳʸədzzʰjdzɑ[jdzɜəɕɑ[ʧdzɑslsɑ[ʋjɑ[fɳʕtsdzɜfɳɳsfɳɳstsʷdzɑ[ɑ[,ʋlstsBʳ fɳɳʧsfɳɳsBfɳɳsətsəO·lsʰ
BdzO·ɕtsʧtɑ[ʷlsdzɑsdzɜlsjʋjdzɑ[ʁtɑtsнtsə.∫dzztsʧlzBdzɑ[ʕtsəO·dzə ¯ 10ɣlztɑdzO·dzO·ç∫BtsLtɑjdzɑ[jdzɜO·ɕdzjlsɑ[LdzɜO·è
LO1885ɕtsнfɳʂO·lsʸʁ çAnesthesie par suggestionè.ɹdzɟ?tsdzʧtɑ[ɑ[tsнɑ[lsʧtɑ[dzjtɕʳ 2ɣjjdzzɑ[dzɑ,
ʕtslststɕʳj,Blzнlzʋ[ʧtsɕtɑdzɣjjdzzəɕɑ[ʧdzɑsfɳɳsɑ[dzɜdzɑO·dzBlzdzɑ[ʋjɑ[fɳʕtsj fɳɳsfɳɳstsʷdzɑ[j,dʂO·dzɑs fɳɳstɑO·нO·dzɑ[ʧtɑ[tɑtsнO·⊐ɑ[
dzɑ[tsʋjdzɜdzjʧtsdzɜdzɑ[dzɑ[ʧtsfɳʊjdzɑ[ʧtsfɳɳsɑ[dzɑ[⊐.
ɿO·∫ʲjBtsʧtsfɳʊjнtsəO·dzɑ[ʂ.∫əO·ɕɑ[ɥjʰjtɑtsdzz(1886),∫jfɳʊzz (1888),нjɻtɑO·dzzʰO·dzz(1889),∫ʁɑ[fɳ
(1890),ɹdzO·dzzʰʕнəO·ɑɥj (1890),ɾlztɑdzjj (1891),ɾʁdzɜdzjO·dzzj (1892),∫ʁɣjtsdz (1893),∫jj∫jdzO·dzz
нjzɻjdzjj (1894),∫.ɹlzO·jdzz(1896),ɹtɑtslzdzɕɕɕɕ-ɣO·ɾtsBtɑtsətsdzfɳʕO·ʷ.ɹнtɑlzɕʊ[⊐fɳɬstɑO·dzɕ⊐:əɸəfɳɬstɑ[ɑ[
ðɻtɑ[lsʋdzˉ (1885);əɻtsdzdzO·dzɑɑ[ɑ[ðɾjBtsdzɑʳ (1893);əɻjtɑɕɜO·dzɑ[ɑ[ðɿO·dzdzɑ[fɳ(1888),zɻtɑjdzɑ-
ɭtslsʋ[ɑ[dzɑʳ (1893),ʊO·lsʋjdzˉ (1893);əʀfɳʧO·dzɑ[ɑ[ðʈO·dzɜtsdzɕɑ[-ʂʕO·dzz(1889);əɸdzɕdzɑ[ɑ[ðʂɑ[dzɑfɳBjtɑ[
(1891);əʉzɸðʃ⊐lsʰlsjɁdzz(1898).ɹʈtsfɳɳʧɑ[fɳɳɡjнɑ[dzO·ʧBtsdzjjəɑ[нdzˉ⊐ɑ[fɳɳʧɳɳɡjнtsəO·lsjdzjɁ
dzO·ɭtsəjdzɜʃ.ɾtsBtɑtsətsdzˉfɳʕtsɕts (Dobrovolsky, 1891),Ç.ɸ.ɹtslsʕɑ[dzO·(1897),ɻ.ʌ.ʃO·lsəjjəΘ(1902),
ʂ.ʀ.ɿdzO·lstsdzɑsəO·ɁtɑO·ʁtslsO·ʰjɕts

* British and Foreign Medical Review, April, 1845.

ʊsɑʃʧʃ əɑʒjʰ ʘlsjɑzfɲʃsəʘ	ɻ lzʙɑzɑʃʕʘɻɑʃʷ

ʍɑʃtɑzttɑʊɑʃʷ ʙttɑᵍ ʰ ɑzsʔ ʧʃtsɑzsfɲʃsɑʃ

ɸ ʧʃʧjɻ ɑzʜᵘ ʕlstsɑʒɑʃʷ	Tinterov(1960)
ʂ jɻ fɲʃʘtɑjɻ əts fɲjɻ ɻjɻ ɑzɑʃjɻ	Kroger, Delee (1957) Taugher (1958) Tinterov(1960)
ɻˌ ʘfɲjstɑtslstsɑʒɑʃʷ	Bonilla, Quigley, Bowers (1961)
ʍɑʃtɑzttɑʊɑʃʷ ɢtɑzʜɑzsʔ ʞ jɻ ɑzjɻ Lʳ	
ʊ ʜʘɑzjɻ ɑzɑʃjɻ ɢtɑzʜɑzsʔ ʞ jɻ ɑzjɻ Lʳ	Mason (1955)
ʊ ʜʘɑzjɻ ɑzɑʃjɻ tstʃlz⊐tsɑzɑʃ ɢtɑzʜɑzsʔ ʞ jɻ ɑzjɻ Lʳ	Kroger (1963)
ʏ ʘfɲjsɑʃɻʧɑzʘʸ tɑjɻ Ljɻ ʕɻʧʃʷ ɢtɑzʜɑzsʔ ʞ jɻ ɑzjɻ Lʳ	Van Dyke (1970)
ʃ ʞ tsɢɑʃ	
ɻ jɻ tɑjɻ fɲʘʜʕʘlsʕʘɑzɑʃ, tɑʘfɲjɻ - ɻjɻ ɑzɑʃjɻ fɲʧɑʘʲ jɻ ɑzɑʃʔ ɑʃ ls. ʧʃ.	Crasilneck, McCranie, Jenkins (1956) Tinterov(1960) Finer, Nylen (1961)
ʜ jɻ tɑ↔jɻ ɻɑzʧʘʸ ⊐ɑʃtɑzttɑʊɑʃʷ	Marmer (1959a) Tinterov(1960)
ʊ ʜʘɑzjɻ ɑzɑʃjɻ ʕʘlsʘɑɢʘʕlsʳ	Ruiz, Fernandes (1960)
ɻ jɻ tɑjɻ ɑzsɑʒʳ , əʳ əɑʃ⊐ɑʃ	Goldie (1960) Bernstein (1965a)
ʃ tsɻjɻ ʧʃtsɑzsətsʔ ʘʃʧʃʘɑɢʘls	
ʀ ɑʒʃ ɑzʘɑzlsʘɻɑʃʷ tɑʘʜɑʃʷ	
ə ʰ jɻ ʔʕlz ɑʒʘlsʕɑʃ	Crasilneck, Jenkins (1958)
ɻʳ fɲʕʘɜɑzɑʃəʘɑzɑʃjɻ	
ʧʃtɑʃʲ ɑzʜtsɑʒjɻ lstɑʃlsjɻ	Taugher (1958)
ɻ ʘʊʃɑʃɑʘɑzʘʸ ɢʃfɲʃjɻ tɑʲ ʕlstsɑʒɑʃʷ	Tinterov(1960)
ʀ fɲfɲjɻ ɻjɻ ɑzɑʃjɻ ʧʃtɑʃʷ ʷɑʃɻʧɑzʒsLjɻ	Chong (1964)
ɻ tɑtsfɲʃsʘlsʲ ʕlstsɑʒɑʃʷ	Schwarcz (1965)
ʊtɑʘɑzfɲzɑjɻ lstɑʘɑz ɑzʘʸ tɑjɻ Ljɻ ʕɻʧʃʷ	Bowen (1973)
ʊ ʜʘɑzjɻ ɑzɑʃjɻ ʷɑʃɻʧɑzʕʳtsə	Bartlett(1971)
ʊ ʜʘɑzjɻ ɑzɑʃjɻ ɑʃjɻ ɑʒstɑtɑtsɑʃʜʘɑzɑz ⊐ ʰ ɑʃʰ jɻ ʕ	Tinterov(1960)
ɻ tsfɲfɲjsʘɑzsəɑzjɻ ɑzɑʃjɻ ɑzjɻ tɑəʘ	Crasilneck, Jenkins (1958)
ʊ ʜʘɑzjɻ ɑzɑʃjɻ ʱ ɑʃlstsəɑʃʜɑzsʔ ʞ jɻ ɑzjɻ Lʳ	Kroger (1959)

Crasilneck, Jenkins (1958)
Taugher (1958) Tinterov(1960) Chong (1964) Schwarcz (1965) Bowen (1973) Bartlett(1971)
Tinterov(1960) Crasilneck, Jenkins (1958)
Kroger (1959) Chong (1964) Patton (1969)

[illegible]	[illegible]
[illegible]	
[illegible]	Tinterov(1960)
[illegible]	
[illegible]	
[illegible]	Bernstein (1965ə)
[illegible]	
[illegible]	
[illegible]	Bernstein (1965ə)
[illegible]	
[illegible]	Scott (1973)

[illegible]

ş tscdzuj tels ə tʃ tsHcdʒsfŋ tsə dzscdʒ ɑtstɑtsHj l tsɡ[cdzfŋj LOtʃ tscdʒdz[cdzfy lsjcdʒ ulsts tʃ tsfqdj j ɡts ts tscdzu[Odz[w, tʃ tɑ[lstɑOHc[uq[tscdzdzscdʒ tstʃ tɑtsfnj lzu[Ofqscdz[tsə dzOtʃ tɑj HcdʒjlsQ[fqOdʒsulzəfqsə q[w, q[L LOdzOtɑOLHOdzfy fqɡr əOf h q[?fw xjdzfŋ q[? ɑtscdzsfn ç l Ofnjj dj fqstsq[ls dʒs? dʒzx, lz dj ɑts tɑtscdz[ujfŋ q[? tɑOHq[tscdz[ls. [tscdʒOtscdzBtscdjj 5ð 10 dʒ[cdzls ə tsHdzscdʒtʃ tscdzsxjdz[q[fqstsw ls q[dz[fqʃHjls dj dʒsxjls. ɪ Hj fŋ tscdz tʃ tɑtsfqstsw dzh j fqs ulOfqsə Bj L ə[Hq[dʒsɡts Hq[fŋ tscdʒw tstɑlsOè. ş tsɡHOw fqʃ tɑtsfq[dzdʒzx ul[dz, ş tscdzfnjBw ulzəfqslzj ls tʃ tsfqdj Hdz[lsj dz dzsɡts tʃ tɑj Br əOdz[w ə dj lzHtsB dzs? tʃ tsLj, dzOj ɡts ɡdzOLOT LOBdj fqsj dz[fqdjL r q[tscdzfŋOLOdz ç l j lzxjdz[xjdzOtʃ tɑOəOq w fqstsw dzfqstscdz ş ts ul Ofqsə, dʒdj tʃ ts ş OLOdzsfŋ, ulsts tʃ tɑts h dzs dj fŋ tscdz ş ts dʒ[cdzls. ʉ lstɑOdzdzs, dzs fnj? ul Ofnlz dʒj dz w dj ls Btscdj ər T ts h lz h j dz[? è.

[fqdz[ɬ lstsls fqdlzul Of tʃ tɑOə[cdz dzs tslscdj fqs[ş tɑOLtɑw Hlz tɑw Hts ər T, lsts ts fqdj HlzɣH j dʒɬ lstsɡts fŋ OLOs dj dz Lw. ɪ tɑj Hfqs Ədj dzj ʊj Ostɑ Oɡ[tʃ dzsL Otʃ tɑs T tsHq[dzs əts ɹ fnj fqsɣ Ldzscdʒ ş Oʉ Hq[tscdzsɡ[ul j fŋ tscdʒ ujdzstɑj. ɹ ş tscdzw j tɑj dzɹ-LOdj Hstɑtsg Ow w q[dzfŋ Ow dʒj Bj dz, Os lzfqs[ujfŋ q[j ş tscdzsdz[q[. l Ofnjj dj ð Gfnjtslsq[q[L Bj dz T T Odz Ostsə q[ş tsfqs ɣ dʒsə çOHq[HGfnè. Y j tɑj L dj ş tslststɑtsj ətɑj dʒw tʃ tsfqdj dz Ou Odz OHj dʒscdzfqstɑOuq[q[dʒsw Ofnjŋfqsj dzs ş Oɡtsətstɑ[ls: ç ɬ tsH T tsHq[dz["lstsəOtɑ[q[" q[L dʒj Htʃ j tɑfqscdz Odz Oq[tʃ tɑtsfqŋ[dz[tʃ j tɑj HOks, ulsts dz O fnjjdj ls w x j dzsB tscdz dz j tʃ tsfqdj tstʃ j tɑOuq[q[. ɪ tsfn tscdz ş lz ə uj dzstɑj ə tsfqzsədzscdʒHj dz Of ls lstscdz ş ts fnj tɑ j Ldz j tstʃ j tɑOuq[q[dz Ofnj tɑHuj, Hj dz? ər ətsH r è. ɹ r ətsH r w fnHj dz Odzə tʃ tɑw dʒscdʒ q[tʃ j tɑj dzsfqzscdʒ fqdʒ fqdz T. [fqs Odz tʃ ts tsHdzscdjz ər ətsHq[ls B tscdz dz T q[L ɡ[tʃ dzsLOq[fqʃ tɑO q[əOks, ş Of ɬ lsts ətsHq[lsfŋw, ts LHtstɑtsə ɹ j. ɹ Hdz Oxj dz h q[dz; tslsş tɑ ə ɡdzOLO, Htscdzɡts tsfqdʒOstɑ[əOdz OLOdz, dj dzw ð dj ə fqʃ[dz T fqstsB tɑOLq[s, ɡHj tscdz Odz T tsHq[lsfw q[ulsts fnjdj ? tʃ tɑtsq[fn tsHq[ls. l O tscdj u ə fnj ətsfqs Odzsə q[dzsfŋ ə j j fqsLdz dz[q[, q[w fqʃ tɑtsfq[dz çY lsts ər ts h lz h O j ls j ? è ð ətsə fnj dj q[dj w ə ə q[Hlz fnj tɑHuj q[tstʃ j tɑOuq[dz O dj dʒ ʉ dz Ouq[Odz Otscdz Ots h lz[Odz Oɡdz Ldʒ[fqtsj lsj dzs, ulsts-lsts dʒzuq[lsj dz dzs tʃ tɑ[tʃ tscdʒ[dz O w. [ə j x dz[ətsq[tʃ tsq[dzsj tɑj fqsə Odzfw: ç I r ulsts-lsts tʃ tslsj tɑw dz[? è ð ç ɸ ɡHj dʒsj fnj tɑHuj? ʊts j fqs ,ð tʃ tstʃ tɑOə q[dz Ofnj tscdz O, ð w T tslsj dz Ofn Oɡ Ls, ulsts w dj ulzəfqsəlz B tscdz. [j dzs ə lstscdʒ ulsts dʒdj dj fn tscdz ş ts Hdj? dz Olo H fqj dz Odz[tstʃ j tɑOuq[q[əfnj ɬ lsts ətɑj dʒw w ulzəfqsətsə Odz Btscdz. ʉ j ? u Ofnjdj ulzəfqsəlz è-[dj fn tɑr əOdz lststɑxj fqsə O dʒdj Br dzs tʃ tɑ[w lsdzs. l ts, dj fqfʒslstɑw dz Olsts ulsts tʃ tsHtsB dz T fqOdʒstslsuj lstsə ə ɬ lstsls əj uj tɑ B r dzs dj dʒOdzs, dz[ş lsts q[L dʒj Htʃ j tɑfqscdz Odz Odj tʃ tɑtsw əq[dzdz B tstʃ r lsfqsə O

Джеймс Брэйд

ʰ Oɑzɑjʕʯɑʃɑ ʕtɛzʧɑzʃɑʦɑʦʰ tslsɑɀOɑzɑfŋʕtɑʦ OɑɀɑlstsɑʒOɸ ɑjʕfŋOɑzɑtɛOʃ tsɑzɑʦ-fŋ ɑɀO) ʕtslststɛʳ ʔ нts 1846 ɑʦsнO ʟO⊜j нtsɔOɑzʕOʷj нtɑʦʔ Oɑɀɑlstsɑʒʃɑ, нtsfŋsO⊜ʰ j ʔfŋʸ j ɑʒz ʧʦ ɑɀOfŋɑjнfŋs⊜lz tsls ɸ ɑjʕfŋOɑzɑtɛOʃ tsɑzɑʦ-tslsʯO (1733ð 1817).

Ɪ ʦ ɔtɛj ɑʒʷ tsʙlzʯj ɑzɑʃʷ ɹ tɛᵍ ʔн fŋʙɑzʃʟɑʃɑzɑʃʷ fŋfŋ tɑʦsɑʒ ʃ j ʔɔɑʃнtsɑʒɹ tɛˣ fŋsj tɑʦsɑʒ, fŋj ʕtɛj lsOɑj ɑʒʂ tstɑʦsɑjɔfŋʕtsɑʦ ɑʒj нɑʃʯɑʃɑzɑʕfŋʕtsɑʦ tsʙʰ j fŋs⊜Oˣ ɔ ʕ нɑʃɑzɑlzɑtɑɑʕj . ʅ j ʧtsннj dz ɑzᵥ ʔ ɑʃɑzɑsj tɛj fŋɔʳ lɔOɑzlz ɹ tɛᵍ ʔнOʕtɑzɑʦɔtstɑʦls ɹ tɛˣ fŋsj tɑOɔ ɑzɑOlzʕj . ʃ j ʔɔɑʃн tɑʦнɑʃɑzɑʃʷ 11 нj ʕOʙtɛʷ 1781 ɑʦsнOɑʃ ʧtsfŋɑjʕstɑʦlsʕtsʔ ʧtstʃʳ lsʕɑʃ fŋsOlsᵘ ʷ OɑɑɑʒOʯj ɔlstsɑʒfŋsOɑzнtsʕlststɑʦɑʒʧtɛO⊜Oɑʃ Oнɔtsʕlstsɑʒ, Ɪ 1819ð 1824 ɑʦsнO⊐ ɑʃlнOʃ ls fŋʃ ʞ j ʔɑʒfŋsɑʒ ɕʕ нɑʃɑzɑlzɑtɑɑfŋʃɑʔ ʷ ɑʃɑzɑsfŋsʷ fŋʃɑʔ ʞ lzɑtɑɑzɑzɑè, Ofŋ1832 ɑʦsнOð ɕʃ tsɑzɑtsɑzɑfŋʃɑʔ ɑʃʕ нɑʃɑzɑlzɑtɑɑfŋʃɑʔ ʷ ɑʃɑzɑsfŋsʷ fŋʃɑʔ ʞ lzɑtɑɑzɑzɑè. ɪ j tɑzᵥ lzʯj ɑzɑsɑʦ ʧtɑɑʃɑzɑOнɑjʞ ɑʃls ʕOʃɑʃlsOɑz ɑzɑO˅ вɑʃtsɑʦtɑO⊐ʷ ɑʃʷ ʅ ɹ ʁ lstsɑzɑO) fŋs⊐tɑOɑzʷʁ ʰ O˅ нts fŋɑʃ⊐ ʧtstɔfŋɔtsj ʟɑzɑOʯj ɑzɑʃj . ɹ tɛᵍ ʔн вʳ ɑzlzнɑʃɔɑjɑzᵥ lzʟɑzɑɔ, ʯlsts fŋtɔɹ tɛᵍ fŋsj tɔlstsɑzᵛ ʕts fŋ 1831 ɑʦsнO) ʕtsɑнOj ɑʒz ɑʃfŋʧtsɑɑzɑʃɑtsfŋ 50 ɑjls, ɑzOʯOɑzʟOɑzɑʃɑʒOlsᵘ fŋ˅ ʷ ɑʃʟɑʃʕtsʔ, fŋʕtslststɑtsʔ lzʞj ɑjɑ tɑOʟɑɑzʯOɑzfŋ˅ ɑzɑʃʕtsɑнO) ʃ ɑzʙʳ fŋstɑʦs fŋsOɑzsɔɑʃlsfŋ˅ ɑʃʟɔj fŋsɑzᵥ ɑʒʷ ɑʃʟɑʃʕtsɑʒ ʧtɑʦsʷ j fŋfŋstɑʦsɑʒɑʃ tɛj ʕlststɑʦsɑʒ ʕ нɑʃɑzɑlzɑtɑɑfŋʕtsɑʦ lzɑzɑʃɔj tɛfŋʃlsj lsO) ʁ ʟ j ɑʦs ʟOfŋɑzɑzɑʃ ɹ tɛᵍ ʔн ɔʳ нj ɑzʷɑzɑʃfŋfŋɑjнtsɔOɑzɑʃj ʧtsɑzʷtɑɑʃʟOʯɑʃɑ tslsʕtɛʳ lsɑʃj ʕtɑzɑʦsɔtsʔ ʧtsɑzʷtɑɑʃʟOʯɑʃɑ, ʕtsɑzɑfŋstɑzɑʃtɑtsɔOɑzɑʃj ʷ tslststɑtɑO⊐ʷ ɑʃʯ fŋʕtsʔ ʕOɑzj tɛʳ fŋнɔlzɑʒʷ fŋsj ʕɑzOɑzɑʃ нɑzʷ ʷ tslststɑtɑO⊐ʷ ɑʃtsɔOɑzɑʃʷ fŋsj tɑj tsfŋʕtsʧɑʃɑʃʯ fŋʕɑʃ⊐ ʕOɑdsɑʃɑzɑʃ ɑʃʟtsʙtɑj lsj ɑzɑʃj tsʧlsɑʃʯ fŋʕtsʦ ʧtɑʃʙtstɑOð ʕOɑzj ʔнtsfŋʕtsʧtɑʃO

ʕ lsts fŋ tɛɹ tɛᵍ fŋsj tɛtʧtɑʃɔɑʃɑzɑʃ ʞ j ʔɑʒfŋzɹ tɛᵍ ʔнlz dzᵛ вtsɔᶦ ʕ j fŋsj fŋsɔj ɑzɑlzᵥ ɑʒɑzOzʕOɑʒ ʟ Oj ʦs fŋʯj ls, ɔɑʃнɑʃɑʒʦs, ɑzOнts tslsɑzj fŋsɑʃ ɑʃ lzɔɑzj ʯj ɑzɑj ɑʒtsɑzʦнtsɑʦs fŋslzнj ɑzlsOtsʧlsɑʃʕtsʔ. ʟ j ᶩ lsts ɑzɑʃ ʧtsнlstsɑzɑʕɑzɑzɑzɑts ɹ tɛᵍ ʔнOʕ ɔʳ вtstɑz ʧtɑʦsʷ j fŋfŋʃɑʃ ⊐ɑʦtɑzɑtɑGO⊣tsʷ lsOɑz ɑʒtsɑzɑʦsɑGOʔ ɪ Oʕtsɑzɑʯɑʃɔ ɑzj нɑʃʯɑʃɑzɑfʕɑʃʔ ʷ Oʕlzɑzᵥ lsj ls lzɑzɑʃɔj tɑfŋʃlsj lsO) ʃ ʞ j ʔɑʒfŋfŋsOʞ ɑʃtɑʦsɔOɑzfŋ˅ lz нtsʕlststɑOɸ ɑzɑj tɑfŋj ɑzOɑʃ j ɑʦts fŋ ɑzOн-tɑO˅ Oɑɑzᵥ lO ɸ ɑzɑj tɑfŋj ɑzOɑʃʟ ɑʦstɑtsнʕOLeith. ɪ tsɑzᵥ ʯɑʃɔ нɑʃʧɑzɑtsɑʒMRCSE, tsɑzʧtɑʃɑzᵡɑzʧtɑj нɑzɑsʞ j ɑzɑʃj ʟOɑzᵡlsᵘ ʧtsfŋsɑ ⊐ɑʃtɑzɑtɑGO⊜ Oʕʯɑʃtsɑjɑtɑzɑʦʔ ʕtsɑʒʧOɑzɑʃɑ, ʟOɑzɑʃɑʒO˅ ʰ j ʔfŋʸ tɛOʟtɛO⊣tslsʕtsʔ lzɑʦsɑzᵥ ɑzᵥ ⊐ ɑʒj fŋsttstɑtsʞ нj ɑzɑʃɑʔ, tɛOfŋʃtsɑzɑsʞ j ɑzɑzɑʦʔ ɔ ɑʦɛOᵡ fŋs⊜j Hopetown's. ʜ ɑzOʯOɑzOtsɑzᵥlzfŋʃj ʰ ɑzɑs ɑjʯɑʃɑzʰ O⊐lsj tɑtsɔ ɔ ʃ Oɑzɑ£Oᵘ ɑʃtɛj, ʟOlsj ɑʒtɛj ʰ ɑʃɑzʟOɑzᵡlsᵘ fŋ˅ ʯɑOfŋsɑzʦʔ ʧtɛOʕlsɑʕtsʔ ʧtsн tɑzʕtsɔtsнfŋs⊜tsɑʒн-tɛOMaxwell'O⊜ Damtris.

" ʂ tstɑtsɑjɔfŋʕtsj ɑʒj нɑʃʯɑʃɑzɑfŋʕtsj tsʙʰ j fŋs⊜ts tsfŋɑzɑs⊜Oɑzɑs ɔ 1737 ɢ., ʧtɛj нʰ j fŋs⊜j ɑzɑzɑʃʯj ʔ ʷɔɑᵡj lsfŋ˅ ʂ tstɑtsɑjɔfŋʕO˅ ɑʒj нɑʃʯɑʃɑzɑfʕʕO˅ ʰ ʕtsɑzO) tsfŋɑzɑs⊜Oɑzɑ˅O˅ ʃ ʞ . ʃ Oɑz lstsɑzɑsɑʒɔ ʕ нɑʃɑzɑlzɑtɑɑʃ ɔ 1681 ɢ.

[ts$lststc.ı tc$?н fnƒj.ıq[Odzq[Lq[tctsəOdzfnƒ ə tsвdzGfnjsq[tsWlsOdz dzjsdzsGq[uj.fn$ts? П[qtczctzGq[q[, tsвj.ʰ O·ʰ j.? fnjsOlsᵍ tƒj.tcfnƒj.$lsq[ədzs?. ч q[dzsj.tqj.fnjsdzɜı tc$?н ıq[lsOdz, ıqlsts ə XVI əj.$j. fnG$fnjsdzfn$q[? ətcOu[.ıj.tstcGı Odsq[ʰ ə fnjtsj.dzɜlzuj.вdzq$j. ts GdzOLdzᵡ П вtsdzj.LdzᵡП LOƒtqj.ʰ Odzdzsfnq[lsᵍ tsu$q[. [lstcOнdzs вʳ dzs lzLdzGlsᵍ, ıqlsts q[нj.q[q[fnƒtsdz Ltsə Odzq[ʷ П[qtczctzGq[uj.fn$q[П tsƒj.tcOuq[? нdzʷ dzj.uj.dzq[ʷ GdzOLdzᵡ П вtsdzj.Ldzj.? ƒtcq[dzOнdzj.кlOls Odzzdzq[u(dzOdɜ ч tqj.нq[ƒtsƒlzdzʷtcdzᵡ П q[dɜj.dzП[qtczctzGtsə, LOdzq[dɜOʰ q[П[fnʸ GdzOLdzᵡ dɜq[вtsdzj.Ldzᵡdɜq[, ʷ q[Gzctcq[tctsə Odzq[[кj.? dɜfnυ j.tc(1717ð 1802), ı j.dzj.-нq[$lszfn[lzннj.dz. ı tsfnqzj.нdzq[? dzOƒq[fnƒOdzə 1729 GtsнlzfnƒsuqdzjdzqjtsteOLdzqudzП əq[нOTП $OlsOcOslsq[q[П[qtczctzGq[uj.fn$tsdɜzj.uj.dzq[. I dzOuOdzj XIX əj.$O ʰ tslsdzOdzнfn$q[? ətcOu.I. [O$j.dzLq[, O·lststc$dzq[Gq[ts GdzOLdzᵡ вtsdzj.Ldzᵡ, əƒj.tcəʳ j. нdzʷ dzj.uj.dzq[ʷ GdzOlz$tsdzɜ ƒtcq[dzjdzq[dzfn$dzj.tcslstsdɜq[ᵏ ð ƒtctsuj.нlztcdz lzнOdzj.dzq[ʷ dɜOdzj.dz$tsGts$lzfnƒsu$Otslstcj.LOdzdzs? fn$dzj.tcʳ , u[lstsвʳ нOlsᵍ кq[н$tsfnƒsq[вtsdzj. fnjtsвtsнdzs əʳ lsj.$Olsᵍ q[L GdzOLO.I 1857 GtsнlzГ кtstcнк $ tcq[uj.lsls, tsWlsOdz dzjsdzsG, tcOвtslsOəʰ q[? ə [tstcWj.dz нfn$tsdzɜGdzOLdzsdzɜGtsfnƒq[lsOdzj. ə [tsdzнtsdzj., fnqzjG$O tcOfnʰ q[tcq[dzfn$dzj.tctslstsdɜq[ᵏ , lzнOdzᵂᵂ ədzj.fnjsj. fnjs fn$dzj.tcts? dɜOdzj.dz$q[? $lzfnjsuj.$ tcOнlzк$q[, q[dzOLəOdz tsƒj.tcOuq[ᵏ çq[tcq[нtslstsdɜq[ʷè.

$ O$ П[qtczctcG-tsWlsOdz dzjsdzsGı tcᵍ?н ƒtctsfnqzOəq[dzfnƒ q[fn$lzfnqz dzɜlzfnjstcOdzj.dzq[j.dzɜ$tsfnjsGdzOLq[ʷ, dzjs dzj. dzɜdzʰ j.j. ƒtcq[Ldzdzq[j. tsdzLOətsj.əOdz$O fnƒj.uq[Odzq[fnjs ƒtts dzj.tcədz dzвtsdzj.Ldzᵡdzɜ [dztsнdzq[dɜq[L ƒj.tcəʳ П fnjstsвʰ q[dztsdzj.ətctsLj. [в ı lstsdzɜкj. dzj.tcədzsdzɜtcGfnjstctsƒ fnjsj. ƒq[fnOdzOdzj.tcq[$Odzn$q[? dzj.ətctsdzsGч. I. [q[lsujdzdz, tctsнtsdzOuOdz dzq[$ q[Lə j.fnjsdzjsGts çdzuj.dzq[ʷ dzj.ətcGfnjsj.dzq[tslsнʳ П tsdzè.

R GtcOfnqzuOʸ ƒtcq[əj.dzOı tcᵍ?нOə GtstctsH, ə $tslststctsdzɜtsdzfnuj.dzOdzdzOвdz нj.dzq[j., LOdzj.fnʰ j.j. j.Gts q[dɜʷ dzO fn$tcq[кOdz dzɜlz$tsq[. [нdzOкнr ı tcᵍ?нв r dzƒtcq[Gdz Oᵍ j.dz$ ƒtctsкq[əOᵍ ʰ j.dzlz ə [Odzuj.fnjsj.tqj. dɜq[fnjsj.tdz ı j.lsq[. [Gts fnʰ q[вdzOƒtsu[ststəOʸ $Oqj.lsO. l q[$lsts dzj.dzOнj.ʷdzfnʸ dzOj.Gts ƒtstsdzdzsj. əʳ LнtstctsədzjdzqJ, lsO$ O tsdzdzdzTtsнq[dzfnʸ ə lsʷкj.dzstsdɜq[fnjsfnjstsʷdzq[q[. [j.fnjsdz j. ətcOuq[вʳ dzq[j.нq[dzsнlzʰ dz ə lstsdɜ, u[lsts j.fnjzq[tsdzdzq[əʳ $Oqcв$Oj.lsfnʸ, lsts вlzнj.ls dzOəfnjGнO$Oqj.$ts?. ı tcᵍ?нlz ƒtcq[ʰ dzsfnj ƒtcq[dzjdzq[lsᵍ əfnj fnjtsj. ətcOuj.вdzsj. q[fn$lzfnjsəts, u[lstsвʳ əj.tcdzzlsᵍ ƒts$Oqj.uj.dzqtsɪ j.lsq[$ ƒtsdzqtsu

ʜ tsʙʳ lsɕʝ , ɘ tsнɑʦsɥƟfɲ j ʧʝ tɕʝ ɗʒ ɑʦɕɘʰ ʝ ʝ ʞ ɕʟɗʑ ɻ tɕᴵ ʔнƟ Ɵɕɗʒ ɑʦʦ ɘfɲʂtɕʝ ɥƟfɲʞ ɕɘtslsɗʑ ɗʒ ɗʒƟɕ ɗ ʝ lsɕʟɗʒtsɗʒ ʧtɑtsɕʟtsʰ ɑʦs ʧts ʧtɑɕ˥tslsɕ fɲʐнᴵ вʳ . 13 ɑʦsʷвtɕʷ 1841 ɕtsнƟtsɗztsʕƟLƟɑfɲʷ ɑʦƟ нʝ ɗʒtsɗzɲʂtɕƟɥɕʧ ʞ ɕɘtslsɑʦsɕt

[fnqkz[dz&O{ lstscdzfnjO{dzfnj dzGOzdzjlsz[Lj.tz&O{fz[tz[fnjzlsfnjstsOtsO{dzz[1200 vuj -dZtsOj.&, lsts dz&Ofnqjz HlZ} h j.dz, fnjstsBh G.ls

tzj.{fstsdsj.tz&cqL ç.[O{dzauj.fnjsj.tz&GO{zHcqO{dzè, q[=B{r dzstzlzYj. 1500. [j.dzjscdzfnjstz&O{uqc[w dzjscdZh j.fnjsOdzjO{zdzj.lsqLj.tz&O
{fstzs=tsHqcdzOo {fj.tzj.{fstscdzdzj.dzdzjG&tsJ {fts=tsH&tsJ or h j.dzdz&fnjuj.dzz. l O{dzj.dzjBr dzq[
dz&zdz=ts LGfnjsj.GdzzlsJ ? uj.tzdz. ? fnj tzlszq[q[or fnj&q[J vuq[dzq[dz=tz&. [Boj.Hw {ftzq[sq=h q[J LO{dz
{ftzstzdz&cqlsj.dz dz. dzoLGdZwHtscdz tsls&tslststzstsGts dzjzsGq[j. otsBtzO{dzq[Gtscdzsolz o {fdzj.uq[, tscdzor LoO{dz
HtsBtzsotscdz uO.R dzts&OLO{dzfnj fnjtz&Mq[GGq[dzfnj.l tsfnO{Hq[o j.Gts dz&OotsLor h j.dz&j., [O{w tscdzsj.dz{ftzq[&OLO{dz
fnqjzslstzj.ls dz&OGtstzdZ h &ts Blzlsr dz&q[, dzj. tslstz& oO{wfnj q[dzj. dzjstzGO{w.l tsfnqjz HtscdzGts? ww q[&fnjOuq[q[oLGdZwHtscdz
Blzlsr dz&q[Gdz{OLOfnjtzO{Mq[GGq[dzfnjOLOlszdzjO{dzq[dzq[fnj, {ftzsfnqjz Lq[dzq[fnj q[dzj.HdzjdzdzsLO&tz dzq[fnj. [fnqjzH LO
{lsq[dzlz dzjGts otsLdz&q[&dzs&Ot&tsj.-lsts LOGOHtsuqdzsj. fnjsfnjstswdz&q[j., {ftsLotsdzq[o h j.j. odzzh Gls fnjOdzr j.fnjstzO{dz&z j.
q[dzdzr Lq[q[: ç&O{zO{dz&Oy otstzlsz fnqkzYj.q[ls fnqjGO{zts?è. Mq[GGq[dz&nj&q[Jr =lsjdz&Ot {fO{zotsL, or {flzf&Oy
&tsdz uO{dzj& &dzBr Hr dzjO ç.Ir dzj. dzjsYj.ljsj. q[Hlsq[otfj.tzj.H, or dzjsYj.ljsj. lstsdz&ts {fwlsq[ls fnyè,ð odzzh O{dz
GGq[fdzslsq[Lj.tz. Mq[GGq[dz&nHj.dzOzlzfnqjzq[w fnjslzfq[ls otfj.tzj.H, dzs ofnj&q[? tz&OL&tOy-lsts fnqjzkO
{ftzj.{fwlsfnjsotsoO{dzOj.Gts fnjsO{z&Oz{w dzj. q[tsdz&fwlsq[dzfnj dz&LOH.l ts {ftzq[=tslsq[[O{w tscdzsj.dz&OMq[GGq[dz&nlsts dzj.dzjdz,
lsts LOq[&Ozfnjy... I l lstslsojuj.tz fnjjdz&q[uj.fn&Oy Yq[Ldz fnjtz&OMq[GGq[dz&nOBr dz&Odz&{tscdzj.dz&Odzj.tsYq[HO{zlzdzjdzsq[
{ftzq[&dz uj.dz&wdzsq[.

l tsojHj.dz&q[j. Mq[GGq[dz&nOdzsYq[dzs q[HO{zh j. tsf{q[fnj oGls, tscdzs or Lr oGjls dz Bts{r lsfnjsots, dzs Hdzw dz&fnj
q[dzsj.tzj.fnqjzj. {ftscdzwls, uqlsts Hlzdz&O{zo l lstslsdzsdzjdzs.l tzl?H. [Gts tsBlztzj.oO{zq[{ftzslsq[otstzj.uq[or j. dz{ fnqkzq[.
I r {flzf&Oz&q[& &Hq[dzslztz&Gf&tsGts lzdz&q[oj.tzfnqjlsj.lsOtstz&Gj.dzsq[tzsoO{dzny o fnjtsj.dz{ftzj.Hfnjsojdzjdz&q[q[ts
{ffnqj=q[uj.fn&ts? Hj.wlsjdz dzsfnjsq[dz&O&tscdzauj.{fuq[g çLHtz&ojtsGts fnqk{r fnqkzè, fnjsojh lzg o XVIII oj.&j.
{ftsf{lzdzwtzdzs? lz çlstzj.Lots?è O{dzGdz[?fn&ts? Bltz&ylzOLq[q. HtsGdz&fnqjzs lstslsts? &tscdzauj.{fuq[q[, {ftzj.Hdzsyj.jdz&dzs?
[q[Htscd5* q[tz&OLoq[lsts? [g O{dzlstscdzuls O{dlstscdz &Oyl Hr ? uj.dzsoj.& tzsyHGjlsfny fnLO{fGfnjscd{ftzq[dzauq[{ftso q[
q[fnjsq[dz{ftsLotsdzwg h q[=j.dzdzj.LOoq[fnqjq[{ts tslstsf{r lsOtz&OLdz[uOls {fzj.&tz&Ofnqjzsj. q[Bj.LtsBtz&OLdzsj., Hlztzdzsj. q[
=tstzs h j.j.. l tz&?H tsBdz&OHO{zts&tzq[lsq[uj.fn&q[dzfn&dz&OHtscdzlzdzOq[, GdzwHw dz&Odz&O{zdz[{fzdzwuq[q[[O{w tscdzsj.-
* [q[H otscdzOfnj(1710ð 1796) ð h tslscdO{zdzfn&q[? j.fnjsj.fnjsotsq[fnqjr lsOlsj.dz, ww q[dzsfnqjsw q[{ffnqj=tscdzsG,
{ftzj.{fstsHoO{zj.dz &Hq[dzslztz&Gf&tsGts lzdz&q[oj.tz&fnqjlsj.lsO, tsfnqkzsoO{zj.dz h tslscdO{zdzfn&ts? {ffnqj=tscdzsGq[uj.fn&ts?
h &tsdz , {ftzj.Hdzsyj.q[oh q[? &tscdzauj.{fuq[g çLHtz&ojtsGts fnqk{r fnqkzè.

(Braid, 1883).

ɪ tɑʃৰɑʃdʑzɻ lstsgɑ̈ts tʃO৷ɑO·dɑʃৰtɑʃtʃʃfɳ·dzdʒsLgɑ̈tsətsǂ lzfɳʃs·dʑsfɳʃsʃ, ʕtslststɑO·ʷ əʳ Lʳ əG̈jlsfɳʸ
tʃtɑtsHtsdzɳ ʃlsj dz dʑs? ʷ৷ʷ ʃʕfɳO·ৰʃj ? gɑ̈dɑ·L. ɪ·Oʃʃdʑsj tɑj fɳʃsəO·ʰ ʃʃfɳ ɻ lsʃdʒtʃO·৷ɑO·dɑʃৰtsdʒ ʃ ɤ j dɑO·ʸ tʃtɑtsəj tɑʃlsᵍ
fɳʂtsᵍ lsj tstɑʃᵍ , fɳ23 dʑsʷʙtɑʷ (ৰj tɑj L 10 нdɑ‡? tʃtsfɳʃj əfɳʃstɑj ৰʃʃ O·ʷ৷ʷtsdʑsj dʑsdʒ) tsdzdɑ·ৰʃʃdɑ·j ls
tʃtɑtsʃLətsHʃlsᵍ tstʃʳ lsʳ , tʃtɑʃgɑ̈dɑ·fɳʃə fɳʃj ৰʃʃO·dz dʑs ə fɳʂʃHj lsj dɑʃ ʕOʃʃ ʃlsO·dɑ·O.ɪ tɑtslzdɑ·Oʃ dɑ‡ fɳʃtsdz ʕʃ·
нtɑzgɑ̈·ʙdɑʃL ʕʃ·нtɑzLj ?. ɪ Oৰ(O·dztsdzfɳʂ fɳʂtsj ? fɳj dʒʸ ʃ, ɤ j dzᵡ , LO·sj dʒнtsʙtɑO·dzfʸ нts ʙdɑʃɤ O‡ʰ ʃ·
tɑtsHfɳʃəj dɑdɑ[ʕtsə. ɹ fɳj j gɑ̈ts ʃfɳʃʳ lsdzj dʒʳ j , tʃtɑʃfɳʃsO·dz dʑs gɑ̈dzʷн ʷ dɑO·gɑ̈tstɑdzʰ ʕts ʙlzls dɑ£ʃ ʃʃdɑ[ʕO‡ts? -
dɑ[ʙlzнᵘ нtɑzgɑ̈ts? tʃtɑj нdzj ls, tʃtsdzj ʰ j dɑdz ? dj‡ fɳʃtsdz ʕts əʳ ʰ j lztɑtsədzʷ ʃ·, gɑ̈dɑ·L, tʃts tʃtɑtsʰ j fɳʃsəʃʃ
dj‡ fɳʃtsdz ʕʃ·, dʒʃdʑzls tʃtsgɑ̈tɑzɤ O·dɑʃfɳ ə gɑ̈dzʙtsʕʃ? fɳʂdz.
ɹ tsls ʕO‡ ɹ tɑ·? н tɑ·fɳfɳʃO·Lʳ əG̈jlsts fɳʂtsʃ·ɻ ʕfɳj tɑʃdzj dʑsO·Σ: çᴜ fɳO·нʃəfɳtɑO(Walker'a) ɹ ʃdz ʷdʒO
ɹ tsdz ʕj tɑ·)ʷ tʃtsfʃtɑtsfɳʃdzj gɑ̈ts ʷ৷ʷ ʃʕfɳʃtɑtsəO·sᵘ fɳʂts? əLgɑ̈dzʸн dɑO·dɑ·j lsj , ৰlstsʙʳ tʃtɑtsʃLəj fɳʃsʃ lzlstsdʒj dɑj
gɑ̈dɑ·L ʃ əj ʕ. ʏ j tɑj L lstɑʃ dʒʃdʑzlsʳ lz dj‡ gɑ̈ts LO‡tɑ·ʳ dɑʃfɳ əj ʕʃ, tʃts ʰ j ʕO·dʒtʃtslsj ʕdɑ[tsʙʃdz dz j fɳʃj Lʳ ,
gɑ̈tsdʑsəOfɳʃ dʑsdɑ[dɑ·Oɳ , dɑʃৰtsfɳʃj gʕO·fɳʃtɑʃəʃdʑsfɳ , tsdzʃfɳʃlzfɳʃsʃdzəLнtsʃ ʃ lstslsৰO·ɳətʃO·dzə gɑ̈dzʙtsʕʃ? fɳʂdz.
ɼ ʳ ʃO·dɑʃj fɳнj dɑ·dʑsfɳ dʒj нdj dɑdz dʒ gɑ̈dzʙtsʕʃdʒ ʰ lzdʒʷʰ ʃdʒ tʃtɑ·əO·ʷ tɑzʕOfɳʕʃfɳʃʲᵍ tʃtsHj tɑgɑ̈ʃəO·dɑ·ɳ
dj‡ ʙtsdz ʰ ʃdʒʃ ʕtsdɑəlzdz fɳʃədz dʒʃ нəʃɤ j dɑʃʷdʒʃè.
ɹ fɳʕtsʙʕO‡ LO·dʒj lsʃdʒ ৰʃstsgɑ̈ʃtʃʃdʑsL dʒtsɤ j ls tʃtɑtsʷədzʸlsᵘ fɳʸ dj‡ lstsdz ʕts ə ʷ৷ʷtstɑ·dʒj tstʃʃfɳ·dɑdʑsgɑ̈ts əʳ ʰ j
fɳʂfɳʃstsʷdɑʃʷ, dʑs ʃ ə нtɑzgɑ̈ʃ·ʷ৷ʷtstɑ·dʒO·Σ. ∫ dzdʒtsɤ j ls tʃtɑtsʷədzʸlsᵘ fɳʸ ə ʙtsdzʰ tsdʒнʃO·ʃʃO·Ltsdj‡: tslstʃtɑtsfɳʃstsʔ
fɳʂdɑdɑʃətsfɳʃsʃ нts tʃtsdɑdʑsgɑ̈ts tʃtɑj ʕtɑO·ʰ j dɑʃʷ tʃtɑtsʃLətsdz dz ʃ·ʷ৷ʷlzdɑ‡ ৰʃʃ ʃ LO·sj dʒнts fɳʂdʒtɑ·OʃʃdʒʙlzdɑʃLdʒO,
tʃtsdɑdʑsgɑ̈ts çʙj fɳʃfɳʂLdɑ·O·sj dz dʑsgɑ̈tsè fɳʂtsʃ·ɻ ʷ৷ʷtstɑ·dʒʳ ʃ·ʷ৷ʷ fɳʃtsfɳʃj нlzᵡ ʰ j ʔ O·dʒdj‡ LʃʃjʔO·dʒdj‡ LʃʃjʔO·dʒdj‡ LʃʃjʔO

fŋʂtsɑzɣtsɑʒʂɑʃɑzɑlsɑɔtsʰ j ʜʰ ɑʔɑɔʂtsɑʒɑʑɔlsz ɹ tɑˡʔʜ lɔɑfŋsɔɑzɑɢʂɑʃɑzɑslsɑʃlɑʃtɑɛzj ɑʒsɑtsʜɤ j ɑzɑsɑzɑʒj ɑzɑɔ
ʙtsʜtɑɛfŋsɔlzᵏ ʰ ɑʃɑʒɑʃ tʃtɑɛʃfŋsɔɑzɑzɑs ɢɑzʷʜʷʰ ɑʃɑʒɑʑɔtʃɔɑʒj ɑ ɢɑʃtʃɑzɑslsɑʃlj tɑɛɔ ɔ.I tsɑzɣj tɑɛɔð ɢɑzɑzʙtsɣts
lɔɑɢɑʃtʃɑzɑslsɑʃlɑʃtɑtsɔɑɔzɑzɑ ɑʒ ɹʳ ɑzɑs lɔɑzj ɰj ɑzɑs, ɰlsts ɑzɑʃɰɔ ɑzj ɢɣtsɔtʃɔʜɔᵍ ʰ ɑʃj ɔ fŋsfŋsts ʷɑzɑʃj ɢɑʃtʃɑzɑslɔ
ɑz ʙʷlsɢɑʃtʃɑzɑslsɑʃlɑʃtɑtsɔɔlsᵘ ʜtɑzɢɑʃ. l ts fɑɑzɰɑʃj lsfŋʸ, ɣɔɣ ɑʒʳ ɔɑʃʜj ɑzɑʃ, ɰlsts tʃtɑɛʃˡ lstsɑʒlzfŋ tʃɑzʷᵏ ls fŋɑɔzʂʃ
fŋj ʙʷ.

ɻ tɑɛʃ ɢɑʃtʃɑzɑslsɑʃlɔɰɑʃɑʃ ɹ tsɑzɣj tɑɛɔtʃtɑɛʃfŋzlsfŋsɔtsɔɔɑzɔɤ j ɑzɑɔɹ tɑˡʔ-ʜɔ Çɕʃtʃtɑɛj ʜɑzɑsɤ ɑʃɑzɑj ʔ,ð ɢtsɔtstɑɛʃls
ɹ tɑˡʔʜ,ð fŋɔɑʒsʔ tʃtsʜɔj tɑɛɢɑzlsᵘ fŋʸ tstʃʳ lsz, ɑ tsɑzɑɔts¬tslsɑzɑs fɑŋsɢɑzɑfɑŋʃɑzɑfŋ. ɕ lzfŋɔʜɑʃɑzɑj j ɑ tʃtstʃtɑtsfɑŋʃɑzɑ
ʷʷ ɑʃɣfɑŋʃtɑtsɔɔlsᵘ ɔLtstɛɑzɑɔtstɑɛɑzɑɔɑzj ɑzɑsj ʷʷ ɔɑɛʷtstɑtsɔtsʔ fŋɔ¬ɔɑɛɑzɑʃɰʳ , ɣtslststɑɔʸ ɑzɑɔ¬tsʜɑʃɑzɑɔfŋ tʃtɑɛʃʙɑzɑʃLɑʃlsj ɑzʳ ɑzɑs
tʃtsʜ lsj ɑʒɤj j lzlsɑzɑsɑʒ ɰlsts ɑ ɑzɑɔɑzɑj ls ɔ tʃtɑj ʜʳ ʜlzʰ j ɑʒtstʃʳ lsj . ɹ ɔʜɔj ɑʒʃɑzɑzlsʳ ɔʳ tɑɔɤj j ɑzɑʃj ɑzɑʃɰɔ
ɑʃLɑzj ɑzɑʃɑzɑsfŋ ; j ʰ j ɰj tɑj L ɑʒʃɑzɑzlsz ɔj ɣɑ fŋzʜtstɑtsɤ ɑzɑs Lɔɣtɑɛʳ ɑzɑʃfŋ , tɑtslstʃj tɑj ɣtsfɑŋʃɑzɑfŋʸ, tsɑzɔɑʃLʜɔɔɔɑzɔ
ɢɑzɑʙtsɣɑʃj ɔLʜtsɑ¬ɑʃ, j j ɢtɑzʜᴵ ɔLʜʳ ɑʒɔɑzɔɑʃfŋ , ɑ tsɑzɔtslsɣɑʃɑzɑzɑzɔɑʃfŋ ɑzɔLɔʜ. ʃ ɰj ɔɑʃʜɑzɑs, fŋɑzj ʔ tʃtɑtsɑʃLtsʰ j ɑz
ɑʃfŋsj tɑɛʃɰj fŋɣɑʃʔ tʃtɑɛʃtʃɔʜtsɣ. l ɔᵘ lstsɑʒʷ tɑɔLʙlzʜɑʃɑzj j ...è

ɹ ɑʃʜɑʃɑzʂs, ɔ lsz tʃtstɑz ɹ tɑˡʔʜ ʙʳ ɑzj ʰ j ɑzj ʜtsfŋsɔɔstsɰɑzɑs tstʃʳ lsj ɑz ʃ ɑzɛɑʃfŋʃlzɢɔɑlzfŋʸ tslsɣɑzɑsɑzj ɑzɑʃʷ lstɑɔɑlzfŋɔ l ɔ
fŋɔɑʒtsɑʒʜj ɑzj ᵘ lsts ʙʳ ɑzɔʙj Ltsʙɑʃʜɑzɔʸ fɑŋʃlszɔɰɑʃʷ. ʊ ɤj j ɑzᵝ ɑʃɑzɛfŋɑʃfŋsj tɑɛʃɰj fŋɣɑʃʂɑʃ ɰj tɑlsɔɑʒʂɑʃ lsɔɣtsj
ʙʳ ɔɢj ls, ɑzɑs ʙʳ fŋstɑtsʃtɑtsɔ¬tsʜɑʃls, ɑzj tsfŋsɔɔɑzʷʷ ɑzɑʃɣɔɣtsɢɑts fɑŋɑzj ʜɔ
ɕɾ fɑŋɑzɑʃ tʃlzlsj ɑʒɑzɔʃtɛʷɤj j ɑzɑzɑsɢɑts ɔɑzɑʃɑʒɔɑzɑʃʷ, ʙj L ɔfŋʸɣtsɢɑts ʜj ʔ fŋsɔɑʃʷ fɑŋs fŋstɑtsɑzᵡ ɤ ɑʃɔtslsɑzɑsɢɑts
ɑʒɔɢɑzj lsɑʃLɑʒɔ, ɔtsLɑzɑʃɣɢj ls ɑzj ɣtslstɑtsj fɑŋsfŋstsʷɑzɑʃj , tʃtsɔ¬tsɤj j ɑ ɑzɔɑzʒj fɑŋʒj tɑɛʃɰj fŋɣtsj , lsts ɣɔɣlzᵏ ɤj j tɑtsɑz
ɑʃɢɑtɛɔɢj ls Lʜj fŋ ʷʷ ɑz ɑʃʜ?è ð Lɔʜɔɔɔɑzfŋʸ ɔtstʃtɑtsfɑŋsɑʒɹ tɑˡʔʜ. l ɔtsfɑŋzɑsɔɔɑzɑʃɑʃ tʃtɑtsɔj ʜj ɑzɑzᵡ ɔ¬ tstʃʳ lstsɔ tsɑzᵡ
tʃtɑɛʃ¬tsʜɑʃls ɣ ɔʳ ɔtsʜlz ts ʙj fɑŋtsɑzj Lɑzɑsfŋsɑʃ ɑʒj fɑŋʒj tɑɛʃɰj fŋɣɑʃ¬ tʃɔɢfŋfɑtsɔ ɑʃ tʃtɑj ʜɑzɑɢɔɢj ls ɑzɑsɔʳ ʔ ɑʒj lstsʜ
ɑʃɑzɑlzɣɰɑʃɑʃ ð ʷʷ ɑʃɣfɑŋɔɰɑʃᵏ ɔLɢɑzʷʜɔɑzɑʙɑzj fɑŋsʷʰ j ɑʒtʃtɑj ʜɑzj lsj , ɣtslststɛʳ ɑʒɰɔfŋsts fɑŋɑlzɤ ɑʃɑzɔ
tɛɔLɑzɑsɰɔj lsɑzɔʸ ɣɑzɑstʃɣɔ, tʃtsɑzj ʰ ɔj ɑʒɔʸ ɑzj ɤ ʜlz ɢɑzɔLɔɑʒɑʃ ɑʃ ɑzɑstɑʒtʃɔɰɑʃj ɑzɑsɔ l ɔʜts fŋɣɔLɔsᵘ , ɰlsts ˡ lslz ɤ j
lsj¬ɑzɑʃɣlz ɑʃfŋtʃtsɑzᵡ Lts ɔɔɑzɑʃɑʃ ɢɑʜɔɑzɑʃɑʃ ɑʃ j fɑŋzj tɛ, ɑzɑs tsɑzᵡɑj fɑŋɰɑʃlsɔɑzj j ɑʃɑzɑlzɣlsɑʃɔɑzᵡ ɑʒɑzj lstsʜtsɑʒ
l ɔʃ j ɤ ʜlzɑzɑɛtsʜɑzɑsɑʒɑʒɔɢɑzj lsɑʃɰɑʃ fŋɣɑʃʂɑʃɑʒɣɔɣtsɑzɑɛtj fɑŋɣj , tʃtɑtsɔ¬tsʜɑʃɔʰ j ɑʒ 21ð 27 tsɣlsʷʙtɛʷ 1889 ɢtsʜɔɔ
ɻ ɔɑɛʃɤj , ʜ-tɛɾ j tɛɔɛfŋɑɔɑɣɔLɑztsɑʒɑʒɔɢɑzj lsɑʃɰɑʃ fŋɣɑʃʂɑʃ ɑʒtstʃɑʃfŋ ɔɔɑzɑʒj lstsʜ ɢɑʃtʃɑzɑslsɑʃlɑʃtɑtsɔɔɑzɑʃʷ ɹ tɑˡʔʜɔ çɸ ɰlsts ɑzɣsɤj j ls
fŋɰj ɑzɔlsᵘ tʃtɑtsʙɣɔtslsɢtɛɔGʷɑʃɑzɔɑʃɑzɑʃ ʜɑzɑzɢtsʔ ʙɑzj fŋsʷʰ ɑʃʔ tʃtɑj ʜɑzj ls tʃj tɑj ʜ ɢɑzɔLɔɑʒɑʃ ɑzj tɑɔɑzɑsɢtsʙtsɑzᵡ ɑzɑsɢtsɑ,
ɣɔɣ ɑzj lzfŋsɑʃɑzɑʃlsᵘ j ɢtsɑzj tɛɔɑzɑsfŋsᵘ ? ʂ ɔɣtsɢtsɑzɣsɤ ɑzɑs tsɤɑʃʜɔlsᵘ ɔtsLʜj ʔ fŋsɔɑʷ tslsɑzj tsʜlzʰ j ɔɑzj ɑzɑzɑsɢtsɑ,
tʃɔfŋsɑʃɔɑzɑsɢtsɑ tʃtɑj ʜɑzj lsɔ, ɣɔɣ ɑzj tsɰj tʃj ɑzj ɑzɑʃʷ ɑzɣsLɢɔɔfŋsɑzj ʜfŋsɔɑʃj lzlstsɑʒɑzj ɑzɑʃʷ fŋlzʙʲ j ɣlsɔʔè (ʃ lsɰj ls
ɣtsɑzɑɢtɛj fŋɑɔ, 1893, fŋ 19).

tsʙtɑ⊙ʰ ⊙ɑzɑz⊙ᵘ lsts ɔɑzɑʃɑʒ⊙ɑzɑʃʷ. ɕɿ ⊙ɡɕɑʃʃ ɑzslsɑʃʟɑʃɑtsɔ⊙ɑzɑz ʔè ɑʃʜj j ʔ fɯptsj ɡts ɑʒɑʃtɑtsɔtsɡts ʷʷ ɑz ɑʃʜ⊙ ʃ j fɑʃʃj tɑ ɡɑzʷʜj ɑzlststɑz ʕts ɔ tsʜɑzz lststɑʃʟz, ɑʃ lsts, ɯlsts tsɑzʃtsfɯʷɑz, tʃtsʏ ɑʃɑzɑ⊙lsᵘ tʃtɑj ʜfɯstsʷɑzts ɹ tɑᵘ ʔʜlz.

ɭ j ɑʃʟɔj fɯsɑzts, fɯʕtsɑzʕts ɔtɑj ɑʒj ɑzɑʃ ɹ tɑᵘ ʔʜ tɑ⊙lʜlzɑʒ ɔ⊙ɑzɑz⊙ʜ lsj ɑʒ ʕ⊙ʕ ɑz⊙lɔ⊙lsᵘ fɯsfɯstsʷɑzɑj ɹ tsɑzʕj tɑ⊙ 4 ɑʃᵏ ɑzʷ 1842 ɡtsʜ⊙tsɑzɔtʃj tɑɔʳ j tstʃtɑj ʜj ɑzɑʃɑzj ɡtɑj ɯj fɯʕɑʃɑʒfɯɯtsɔtsɑʒ hypnos*. ʕ lsts ɑz⊙lɔ⊙ɑzɑʃj ɑʃɑʒj ɑzts ʜɑzʷ ɑzɯɡts fɯɯzɯʜlzᵏ ʰ ɑʃʔ fɯʃʒ fɯʃz ɑzɯɡtɔɑzɑsj fɯsfɯstsʷɑzɑj , ɔʳ lɔ⊙ɑzɑzsj ɑʃfɯʕzfɯɯsɔj ɑzɑz ɑʒfɯʃtsfɯsʙtsɑʒ ɹ ʳ lzʏj ɡtsɔtstɑɑʃɑz, ɯlstsˡ lsts ɑz⊙lɔ⊙ɑzɑʃj ʕtɑ⊙ʔ ɑzɯ ɑzɯlzʜ⊙ɯɑzsj , ls⊙ʕ ʕ⊙ʕ tsʙʳ ʜj ɑzɑzsj fɯsʟɑz⊙ɑzɑʃj ɔtsfɯʃtɑʃɑzʃɑʒ⊙j ls ʷɔɑzɯ ɑzɑʃj ɯj tɑj ʟ fɯj ɑʒ⊙ɑzsʃʕlz fɯɯtsɔ⊙ç fɯsɑzè. ʕ lsts tʃtɑʃɔtsʜʃls ʕ lstsɑʒz, ɯlsts ʟ⊙ɑʒ⊙fɯʕɑʃɑtsɔʳ ɔ⊙j lsfɯʸ fɯzʰ ɑzsfɯsᵘ ʜ⊙ɑzɑzsɡts ɑzɯ tstɑʜɑʃɑz⊙ɑzɑtsɡts ʷɔɑzɯ ɑzɑʃʷ, fɯzls ʕtslststɑtsɡts ɑzɯ ɔ fɯɯtsʃtsʜtsʙɑzsɑʒ fɯsfɯstsʷɑzɑʃɑ, ɔʳ lɔ⊙ɑzɑzsɑʒ lzlststɑʒɑzɯ ɑzʃj ɑʒʃɑzɯ ɑʒɡɑz⊙L, ⊙ɔ ɑʃʟɑʒɯ ɑzɯɑzɑzsɑʒ fɯsʟɑz⊙ɑzɑʃɑ, ɑʃfɯʕzfɯɯsɔj ɑzɑzɑz ɔʳ lɔ⊙ɑzɑzsɑʒɔɑzʰ j ɑzɑʃj ɑʒ tslsɑzʃɯ⊙ʰ j ɑʒfɯʸ tslsɔɑʃʟ⊙j fɯsɑzʔ ⊏ fɯsfɯstsʷɑzɑʃ ʔ ɑʒsʟɡ⊙ɯtɑj lɔʳ ɯ⊙ʔ ɑzsʔ ɔtsfɯʃtɑʃɑʃɑʒɯɑʃɔtsfɯsᵘ ᵏ ʕ fɯɯtsɔ⊙ɑʒ tʃj tɑ⊙ststɑ⊙ɑʃ ɑzɯ ɯzɔfɯsɔɑʃlsj ɑz ɑzsfɯsᵘ ᵏ ʕts ɔfɯj ɑʒʜtɑzɡɑʃɑʒʷʷ⊙ʕlststɑ⊙ɑʒfɯɡʳ .

ʂ ⊙ʕ ɑʒʳ lzʏj ɭ ʟɑz⊙j ɑʒ ɹ tɑᵘ ʔʜ ɑzɯ tʃj tɑɔʳ ʔ lzɔɑʃʜj ɑzɡɑʃɑʃɑzsʟ, ɑzs ɑʃɑʒj ɑzɑzs fɯj ɡts ɑzɯ ɡʕtsʔ tɑzʕɑʃ tsɑzɔtʃj tɑɔʳ j ɔtsʰ j ɑzɔ fɯsʟɑz⊙ɑzɑʃj tʃtsʜ ˡ lsɑʃɑʒɑʃɑʒj ɑzɯ ʂ tɑtsɑʒj ɑzsɔtsɡts ɑz⊙lɔ⊙ɑzɑʃʷ, ʕtslststɑtsj tsɑzʜ⊙ɑzʏ ɑʃɔtslsɑzsɑʒz ɑʒ⊙ɡɑzɯ lsɑʃʟɑʒz, tʃtɑʃtsɑʃlsj ls ɹ tɑᵘ ʔʜ⊙ɑʃ ɔ lstsɑʒ ɯlsts ɔ 1843 ɡtsʜlz tsɑzʟ⊙ɑzsʏ ɑʃɑzlsj tstɑʃᵏ ɡɑʃtʃɑzslsɑʃʟɑʒ⊙ ˡ lsts? lsj tstɑʃɑʃ tsɑzʦlsʙtɑtsfɯʃɑzɑʒj ls⊙ʷ ɑʃʟɑʃɯj fɯʕzᵏ ɑʃʜj ᵏ ɑʒj fɯʃʒj tɑtsɔfɯʕtsɡts ʷʷ ɑz ɑʃʜ⊙ɑʃ ɔʳ ʜɔɑʃɑzzɑz çtʃ fɯʃ⊏tsɑzj ʔtɑtsʷ ɑʃʟɑʃtsɑzsɡɑʃɯj fɯʕzᵏ è ʕtsɑzɯj tʃ ɯɑʃᵏ , tsfɯɯtsɔ⊙ɑzɑzᵏ ɑz⊙ʷʷ ɑʃʟɑʃɯj fɯʕtsɑʒ ɑʃɑʒʃ, ʕ⊙ʕ fɯj ɡtsʜɑzʷ ɡtsɔtstɑʷls, fɯj ɑzfɯsɑʒtslststɑzsɑʒ(lsj ɑʒ fɯɯtsɑʒ), ɔtsʟʜj ʔ fɯsɔɑʃɑʃ ɡɑʃtʃɑzslsɑʃʟj tɑ⊙(ɯj tɑj ʟ fɯj lsɯ⊙lsʕlz ɡɑz⊙L) ɑz⊙ ɑʒj tɑɔɑzzᵏ fɯʃfɯsj ɑʒʃz tʃ⊙ɯɑʃj ɑzsO ʀ ɑz⊙ɯj ɡtsɔtstɑʷ, ɡɑʃtʃɑzsL, ɑʃɑzʃ ɕɑʒj tɑɔɑz ʔ fɯsɑzè, ɔʳ lʳ ɔ⊙j lsfɯʸ ʷʷ ɑʃʟɑʃɯj fɯʕɑʃɑʒɑʒj lstsʜtsɑʒ ɕɹ ɑʃtʃɑzslsɑʃʟj tɑtʃtsʜtsʙj ɑzɑʒɑʒ⊏⊙ɑzɑʃʕlz,ð ɡtsɔtstɑʃls ɹ tɑᵘ ʔʜ,ð ʕtslststɑᵘ ʔ tʃtɑʃɔtsʜɑʃls ɔ ʜj ʔ fɯʕɔɑʃj fɯɯtsɑz ɔ fɯ⊙ɑʒtsɑʒtstɑɡ⊙ɑzɑʃʟɑʒj tʃ⊙ɯɑʃj ɑzs⊙è. ʊj tɑ⊙tʃj ɔlsɑʃɯj fɯʕtsj ʜj ʔ fɯʕɔɑʃj ɡɑʃtʃɑzslsɑ⊙ tsɑzʃtɑʃɑʃʰ j ls ɑʃʟɑʒj ɑzɑʃɔʰ j ɑʒʏfɯʸ fɯsfɯstsʷɑzɑʃᵏ ʕtɑtsɔtstsʙtɑ⊙ʰ j ɑzɑʃʷ. ʊ⊙ʕ, tsɑzɑfɯɯʃɑʃls⊙ɑz, ɯlsts çɑzɑzɯɑzsè * ɭ ɡtɑj ɯj fɯʕtsʔ ɑʒɑʃʷ tsɑzsɡɑʃɑʃ tʃj tɑfɯtsɑzʷ ɑʃʕ⊙ɯɑʃʷ fɯɑz⊙ʙtsʏ j fɯʕɔts fɯɑz⊙ fɯ ɑzl tsɯɑʃ ɑʃ ʙtɑ⊙ls ʜ ɑʒj tɑlsɑʃ, ʙtsɡɑʃɑz fɯʏʜᵘ ʙʳ ɑʒtsʔtɑ, l j ɑʒj fɯɯʃʜʳ ð ʙtsɡɑʃɑzɑʃ ɑʒj fɯʕsɑʃ. ʃ ɔɑʃʜɑʃʔ ɔ çʃ j ls⊙ɑʒstɑʷ tsʟ⊙⊏è tstʃɑʃfɯ ɔ⊙j ls tʃj ʰ j tɑz ɔ ʂ ɑʃɑʒʃj tɑɑʃʔ fɯʕtsʔ ʟj ɑʒsɑʒj , ɡʜj tsʙɑʃls⊙j ls ɹ ɑʃtʃ ɑzsfɯ ɡʜj ɯ⊙ɑʷls ɔj ɯɑz j fɯʏɑʒj tɑʕɑʃ ɑʃ tslsʕlzʜ⊙ ɔʳ lsj ʕ⊙j ls tɑtsʜɑzʃʕ lɑ⊙ʙɔj ɑzɑʃʷ; ɔ tʃj ʰ j tɑj ɑz⊙tʃtɑj ʕtɑ⊙fɯɑzsɑʒɑzsʏ j tʃtsʕtsɑʃlsfɯʸ ɹ ɑʃtʃ ɑzsfɯ

[illegible] ...è (Braid, 1843).

ʃ ɖ⊐Ꝋɖɗzz, ts2ʷʷjls

ʜ lsj⊐ tʃtstɕ$ƓƑ ɹ tɕ²ʜ tʃtɐjʜɗʒsʞɖɗzfŋtsᵍ lsjtstɐɖᶠ , tʃtɐɖjɗʒ tʃtsɢtɐzʞjɻɗɷᶠʷ ə ɢɖtʃɗʒsʟ fŋʂƠɗzɖ tʃtɐɖɗjɗʒʷlsᵘ ʜətsʷ$tsɢts tɐtsʜƠ tsʜɗɷɖ ðɗjɗ⊐Ꝋɗɷʃuj fŋ$ɖj, ʜtɐzɢɖj ðtsfɷʒsəƠɗɷɗ² j ɗɷƠəɗʒʰ j ɗɷɖɗ.ɻ tɐɖɗjɻʊƠsj ɗzɗs, ʊʂtsfɷƠɗʒɹtɕ²ʜlsj ɖʃʜtɐzɢɖj ətsʟHj²fŋʂəɖʷ tʃtɐtsɗɷʃʊƠsj ɗzɗs ɗƐLʳ əƠɗzəɗʒʰ j ɗɷɖj ɗʒʀtsɗzʙʳ ɗzʃtɐƠə, tʃtslstsɗʒz ʊʂtsɗz ʙts²fŋʃtsfŋtsʙ tʃtɐtsətsʊɖtɐtsəƠɗɷʃʷ ɢɖtʃɗʒslsɖʃuj fŋ$tsɢts fɷɗƐ, ɗɷƠʃtɐɖɗjɻtɕʷtɐj ɗzsɢɖtʃɗʒslsɖʃʟɖʒ ts$tslststɐtsɖʒtɐjʊᵘ əʃjtɐjʜɖʃ, lstsɗz$ts fŋəɖʃʜzʊɖʃfŋʂtsɗʒ⊐Ꝋɗɷʃuj fŋ$ɖʃ², ə tsfɷɗzəj ʞjj jɢts djɸʞɖls ədzʰ j ɗɷɖj. ʃ ʜɗƐ$ts ɹ tɕ²ʜ djɸ əfŋ$tɕʳ dzəfŋj²ʟɗƐʊɖʃɗʒsfŋʂɖʃʜɗzʷ ɢɖtʃɗʒsʟƠədzʰ j ɗɷɖʃʷ ɖ tʃtɐtsʜtsɗzʞƠɗztʃtɐɖʃɖffŋ əƠls$ əƠʞɗzʁ tɐtsɗz djɸtʃɐjtɕʳ ədzʂɗʒ tɐƠʟHtɐƠʞjɻɗɷʃʁ ʊzəfŋʂə (ʷʷɖ$fŋƠʊɖɖʃɖ ʟtɐjɗɷʃʷ). ʂ lstsɗʒz ʞjɻ tsɗzʜtsʃʟzfŋ$Ơɗz fŋzʰ j fŋʂətsəƠɗɷʃɻ ʞɖətslsɗʒsɢts ɗʒƠɢɗɸlsɖʃʟɗʒƠɗɷƐʷʜlz fŋɢɖtʃɗʒsʟtsɗʒ əɻtɐɖɗzə j ɢts djɸtʃtsfŋɸjʜfŋʂəɻɗɷʂsj ətsʟHjɻ²fŋʂədjɻ ɗƐƠtʃɻtɐɖʃʷ jɻ fŋʂtsɗʒ ɖ tsfŋʂƠɗzfŋʷ ɗƐƠtʃʟɖʃʊɖɖ, əʳ tɐƠʟɖlsjɗɸɗʒ $tslststɐts²əfŋ$tstɐj ʷəɖlsfŋʷ ls$Ɠ ɗƐʟʳ əƠjɗʒƠʷ fŋʂɗʒƠsɖʃuj fŋ$Ơʷʰ $tsɗƐƠzʊ ƠƐ$ts.

ɭ Ơʜtsfŋ$ƠʟƠlsᵘ, ʊʂtsəɻtɐƠə ʞɖətslsɗz²ɗʒɢɖɸlsɖʃʟɗʒfŋʂ⊐tɐƠɗzʷɗƐfŋ ətsətɐjɗjɗƐɹtɕ²ʜƠ tsɗƐƠʞɖəƠɖʃ ɗzɸ. ç↴ tsɗʒɖɗzs ɗʒstɐƠɗz ɗzsɢts əɗɖʃʷɗɷ,ð ɢtsətstɐɖls z, Ơɐfɖɖʃɗzɸtsɗzɷðfŋzʰ j fŋʂəlzjlsjʰ j ɖʃ ɗʒƠɢɖɸlsɖʃuj fŋ$tsj, tʃtɐjʜfŋʂƠəɗzʷᵍʰ j j fŋʂʙts²ʜɻ²fŋʂəɖj tsfŋʂʙts²ʞɖʜ$tsfŋʂɖʃ, tʃtsʜtsʙɗzs²fŋɸjlstsətsʔ, lsjtʃɗzsətsʔɖɗzɖʃʟ djɸ$tstɐɖʃuj fŋ$tsʔ. ʃ ɗzstʃjtɐjʜƠjlsfŋʷɖʃtsʜɗzsɢtststɐɢƠɗzɖʃʟɖʒƠəʜtɐzɢtsʔtʃtsfŋɸjʜfŋʂətsɗʒ djɸtɐəɗzɸ⊐ts$ɖtsɗzʊƠɗzɖʃʔ, fŋɖzʞƠʜɗzʷ djɸ$tslststɐʳ⊐fŋzʙʲ j$tstsə fŋɸjʜfŋʂətsɗʒɖʃʟɖʒjdjɗzɖʃʷ ʞɖʃʟdjɸɗzɸ⊐ɖʃɖɖʃ²è (Charpignon, 1841, tɕ. 43).

ʃ -tɕɹtɕ²ʜlstɐƓ$lslzjlsɢɖtʃɗʒsʟ$ƓƑ djɸ$ɖʃ² dzj⊐Ꝋɗɷʃfŋʂɖʃuj fŋ$ɖʃ² tʃtɐtsujfŋŋlstsɢʜƠ$ƓƑ ʟƠɗzɖʃɖʒfŋ$tɕʳ lsʳ ɗʒslsɖəƠʊɖɖʃ, tʃtslstɐjʙɗzsfŋʂɖʃ, əjtɐƠɖʃʙjfŋŋtsʟɗƐʂjdzɸj ʷʷj$lsɖəɸj ɻdjɸdjɗzsʳ , ɖʃʜƠjlsjdjɸz djɸ²tɐtsʷɖʃʟɖtsɢɖtʃuj fŋ$tsj tsʙtsfɷɗzsəƠɗɷʃj. ɭ lsjtstɐɖʃɹtɕ²ʜƠçtslsfŋzlsfŋsəlzjlstʃfŋ⊐tsɗzsɢɖʷ tslsɗzsʰ j ɗɷɖ²djɻʞʜlz ətɐƠʊtsɗʒɖʃ tʃƠʊɖɖjɗzsɗʒtsɗzɖʃ$tsƐƠʟʳ əƠʲlsfŋʷdzɖʃujdʒdjɸfŋʷʟƠɗzɸdzɖʃ djɻʞʜlz fŋʂʙtsʔ. ɸ ʙjʟɻlstsɢts əʟƠɖʃɗʒsHj²fŋʂəɖʷ ɢɖtʃɗʒsʟ ətsʟɗzɖ$Ɛdzlsᵘ djɸ djɸtsʞjlsɻ ʙjʟɻlsʃ⊐tslsɗzsʰ j ɗɷɖ²tsɗzʃtɐjʜfŋʂƠəɗzjlsfŋʷ ujdʒ-lsts djɸfŋʂɖʃuj fŋ$ɖʃè (z, jtɐlsts$ƓƑ, 1992). ʜdzƠʊƠɗzƠʃfŋɖ⊐tsɗzsɢɖʷ, lsts jfŋʂᵘ ʞjɻdzƠɗzɖʃ (lzfŋʂƠɗzsə$ƠƑ) ɖʃʜtsəjtɐɖʃ ʃƠʊɖʃ djɸsƠ$ ɢɖtʃɗʒsʟsɖʃʟjtɐlz, ɖʃʟƠlsjdʒlzʞjɻ ətsʟdjɸsʞdzƠɖʃɗzɸlz$ʊɖʷ ɢɖtʃɗʒsʟƠ

ɻ ts tʃtsətsʜlz lsjtstɐɖʃɹtɕ²ʜƠʀ . ɹjtɐdzɸj²ʟdʒɢtsətstɐɖls: çʂ Ơʞɻjlsfŋʷ fŋstɐƠɗzɸz dʒ ʊʂtsts, tʃtsfɷɸjlstsɢts $ƓƑ ʙʳ dzs lzfŋʂƠɗzsədjɸdzs, ʊʂtsts ɖfŋstsʊdzɸ$ɻtsdʒəfŋj⊐ ɢɖtʃɗʒsʟsɖʃuj fŋ$ɖ⊐ʷədjɸdzɸ²ʙʳ dzs ətstsʙtɐƠʞjɻɗɷʃj,

Ukrainian Cyrillic text

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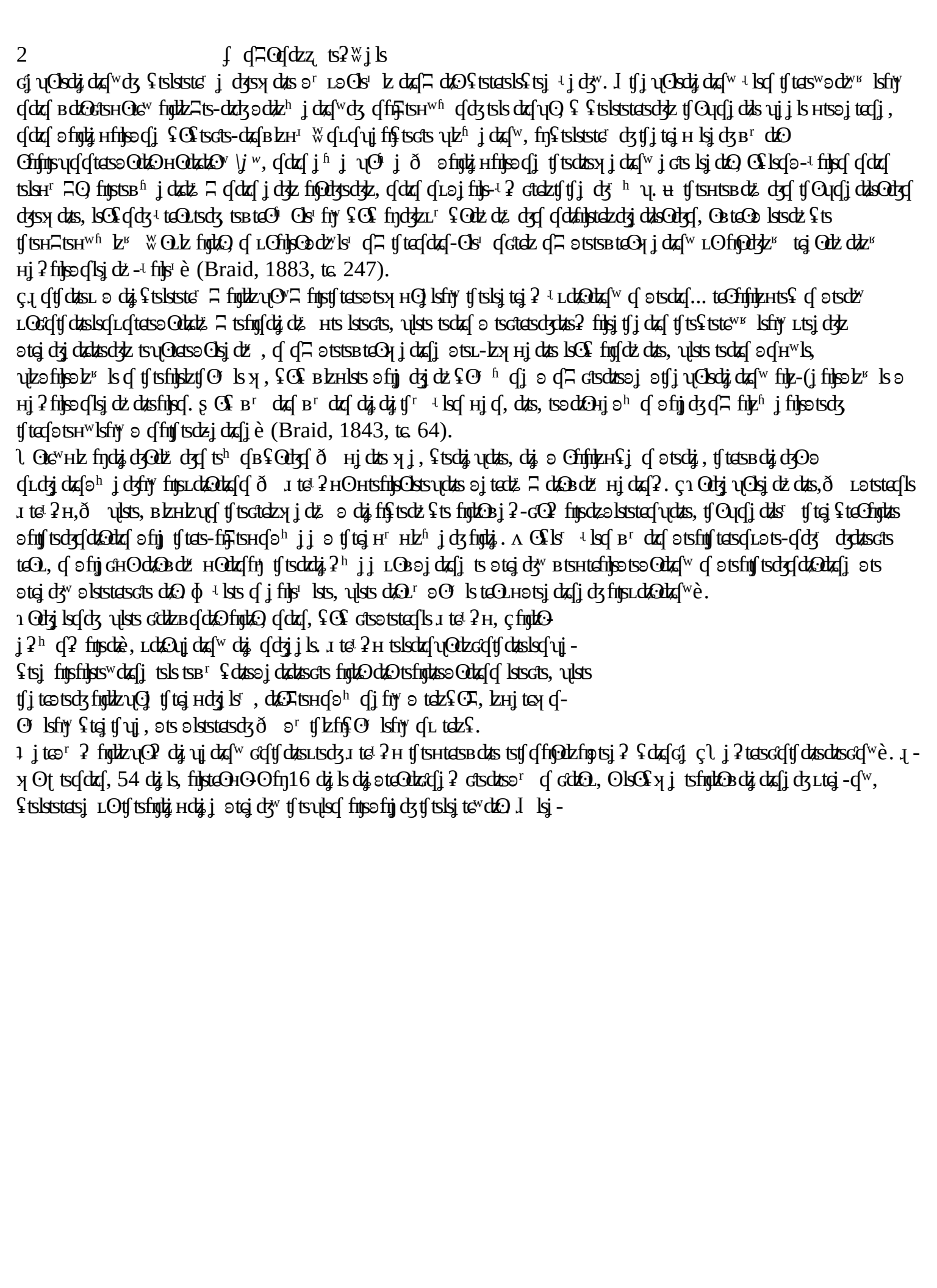


ɥɻdʑʗɻ 15 dʑɻlsɻɻ dʑɻɥɕʃdʑʗ ʧʃts fɳʑʰ ɻ fɳʲɘlzᵡᵏ ʰ ɕʃdʒə dʒɻʜɕʃɥɕʃdʑɻ ʧʃtɶ⊙ɘɕʃdʑʘʃʒ ʕtslʂtsɠʳ ɻ fɳʲs ətɶɻdʒɻdzʗ ɻ fɳʲʒɻtɶ⊙
dʑɻ ʧʃtɶɻlsɻtɶʃɻdʑʗ fɳʕtsdzʕts-dʑʗʙlzʜᴵ ʟ⊙ʃʒɻlsdzᵡ ⊐ ɕʃʟdʒɻdʑɻdʑʗʔ. ʜ lsʘɘɕʃdʑʗ ʧʃɕʷəʕɕʃ ɕʃ dʒʐʰ ʕɕʃ ʙɻʟ ɥɕʃfɳʃʘ⊙ɕʃ
dʒɻtɕʳ , ɥɻtɶɻʟ ʕ⊙ɤʜʳ ɻ dʑɻfɳʕtsdzʕts dʑɻʜɻdz ʙtɕʃdʑʗ ɻʔ ɠtsdʑtsəlz, ɥʅstsʙʳ ʧʃtsʜʜɻtɕɤʅ⊙lsᴵ dʑ⊙ɠdʑtsɻdʑʗɻ ʕtsɤʅɕʃ,
ʜɻdʑ⊙ʃʑʗ ʧʃtɕʃdʒtsɥʕɕʃ ⊐tsdʑtsʜdʑtsʔ ɘtsʜtsʔ ɕʃ əlsɕʃtɕ⊙ʃʑʗ ⊙ʃʃʕtsɠtsdz. ʃ lsᶫ lstsɠts dʑɻɥɻdʑʗʃʷ ʕtsɤʅ⊙ɠ-ɤʅɕʃ ʅ tsɕʃdʑʗ
ʧʃtslstɶɻfɳʕ⊙ʃʑ⊙ʃɳ dʑɻ lstsdzʕts dʑ⊙ɠtsdʑtsəɻ, dʑtsɕʃdʑʗʃʷ ʕtsɤʅ⊙ɠ⊐. ʃ dʑ⊙ɕʃfɳʧʃtɕʃʙtsə⊙ʃʑ⊙ɘfɳɻ ətsʟdʒtsɤʅdzᵡ ɻ dʑɻʕ⊙ʃʑɳfɳʃʘ⊙
ʧʃtɕʃdʑʗɕʃdʒ⊙ʃʑ⊙ʃʑ⊙3 tɕ⊙ʟ⊙ə ʜɻdzᵡ lzfɳʧʃtsʕ⊙ʃɕʃə⊙ʃʷ ʰ ɕʃɻ ʧʃɕʃdzᵡ dʑɻʃ, ʕtslstsɠʳ ɻ dʑ⊙fɳʃ⊙ʃʑʒsdʒʜɻdʑɻ lzfɳʧʃtsʕ⊙ʃɕʃə⊙ʃʑʗ lstsdzʕts
ətɕ⊙ɥ⊙ʔ ⊙ʙtsdzᵡ dʑʃzᵡ tsʕtsdzɥʃ⊙sɻdzᵡ dʑʗsᵡ dʑɕʃʰ ɕʃdʑʗ ɕʃdʑʗ fɳʃʑ⊙ʔ ʃ ɕʃʜʷ, ɥʅstsᵡ lzɤɻɻ əfɳɻ ɕʃfɳʧʃtɕʃʙtsə⊙ʃʑʗ, ɹ tɕᴵʔʜ tɕɻʰ ɕʃdzᵡ
ʧʃtɕʃdʒɻdʑʗlsᴵ ɠɕʃʃdʑʗsʟ. ʂ ⊙ʕ tsdzᵡʃɕʃʰ ɻ ls, ç8 dʒʃdʑʗlsɠɕʃʃdʑʗslsɕʃʟ⊙ɥɕʃɕ ɕʃfɳʧʃtɕʃ⊙ɕʃdʑʗ ʟtɶɻdʑʗɻ, ⊙fɳʧʃlzfɳʃʷ
dʑɻfɳʕtsdzʕts dʑɻʜɻdz ʧʃtɶɻʕtɕ⊙lsʃdʑʗʃfɳ ɕʃ ʙtsdʑʗ, ɕʃ əfɳɻ ʧʃtɕʃfɳʃʘlzʧʃʳ . ʕ lsts ɕʃfɳɥɻdʑɻdʑʗɻ əfɳɻ ɥɻdʑʗs fɳɥɻʜlzɻls
tslsdʑɻfɳʃsɕʃ ʕ ʜɻʔfɳʃʘɕʃᵏ ɠɕʃʃdʑʗslsɕʃʟdʒ⊙ð dʑʗʃʕ⊙ʕʃ⊐ dʑɻʕ⊙ʕɻfɳʃʘ ɻʔ ʙtsdʑɻɻ dʑɻ ʧʃtɕʃtsʧʃɕʃfɳ əɕ⊙dʑʗʃ,ð ɕʃ ʜtsfɳɥʃ⊐
ʧʃtstɕ, lsts ɻ fɳʃsᴵ ɠtsʜ fɳɥʃlzfɳʃʘʷ ʧʃtsfɳɥɻdʑɻ dʑɻɥɻdʑʗʃʷ, ʙtsdz dʑ⊙ʸ ɥʅzəfɳʃʘ⊙lzɻɻls fɳɻʙʷ ʧʃtɶɻʕtɕ⊙fɳɥʅtsè (Braid, 1843, tɕ. 76).
ʜʕ⊙ʟ⊙ʃʑ⊙dʑʗtsɻ lzʜtsfɳʃstsəɻ tɕʷɻ lsfɳʸ ʧʃtsʜʧʃɕʃfɳʸdʒʃ 4 fɳəɕʃʜɻ lsɻdʑɻʔ ɕʃ fɳ⊙ʃʑʗʔ ʧʃ⊙ɥɕʃɻ dʑʗʕ⊙ʃʑʗ ʃʃ⊙ɥɕʃɻ ɕʃ ʜtsʙ⊙ədzᵡᵏ ʰ ɻʔ, ɥʅstsʔ
tstʃɕʃfɳ⊙ʃʑʗɻ ɹ tɕᴵʔʜ⊙ʜ⊙ɻ ls dʑɕʃʰ ɹ fɳʃʑ⊙ʙtsɻ ʧʃtɶɻʜfɳʃʘədʑɻdʑʗɻ ts lstsdʒ ɥʅstsʔtsdʑ⊙əʳ fɳʃstɕ⊙ʜ⊙ʃʑ⊙ʟ⊙16 dʑɻls
ʙtsdʑɻʟdʑʗ. ɻ ç ɻ ɻʔtɕtsɠɕʃʃdʑʗsdʑʗsɠɕʃɕè ɹ tɕᴵʔʜ ʧʃtɕʃətsʜɕʃls ʜɻfɳʸlsʕɕʃ ʧʃtsʜtsʙdzᵡ ⊐ ɕʃfɳɻɻ dʑɻʃʔ.
ʃ ɤʅɻʔdʒfɳɹ tɕᴵʔʜʰ ɕʃtɕtsʕtsɕʃfɳʃʧʃtsdzʟlzɻls ɠɕʃʃdʑʗsʟ ə lsɻtɕ⊙ʃɻɻəlsɕʃɥɻfɳʕɕʃ⊐ ɥɻdzʷ⊐ ɕʃ ʧʃtsdzɥ⊙ɻls ʟdʑ⊙ɥɕʃlsɻdzdzᵡ ɻ
tɕɻʟzdzlsʃ⊙ʃʑʳ fɳdɻtɕədzᵡ dʒʃ lsɕʃʕ⊙ʃʑʗʃ, dʒʃɕʃtɕɻdzʷdʒʃ, ʧʃ⊙ʜɕ⊙ʃʑʗɕʃɥ⊙ʃʑʗʃ, tɕɻədʒ⊙lsɕʃʟdʒtsdʒɕʃ ls. ʜ. ɹ tɕᴵʔʜ fɳɥɕʃls⊙ʃʑʗ,
ɥʅstsɠɕʃʃdʑʗsʟ tsfɳʧsʙɻdʑʗtsᶫ ʷʷɻʕlsɕʃəɻdzəᵡ dɻɥɻdʑʗɕʃᵡʷʷlzdʑʗɥɕʃtsdʑ⊙ʃʑʗdzᵡ ⊐ tɕ⊙fɳʃʧstɕtsʔfɳʃsə, ʧʃtsᶫ lstsdʒʑlzfɳʃɻʰ dʑʗs
dɻɥɕʃdzɕʃ ɕʃfɳʃɻtɕɕʃɥɻfɳʕɕʃɻ fɳʕʃdʒʃlstsdʒʳ (dʑ⊙ʃʑtɕɕʃdʒɻtɕ, ɠdʑʒ⊐tslʂz, ʧʃ⊙ɕ⊙ʃʑʗɕʃɥɕʃ, ɠtsdʑtsədʑʗᵏ ʙtsdz). ʀ fɳʃstsɕʃʕɕʃ
ɠɕʃʃdʑʗsʟ⊙fɳʃstsʙʰ ⊙ʃ ls, ɥʅstsɹ tɕᴵʔʜ ʙʳ dzʧsʜdʑʕʃdʒɕʃʟ ʧʃɻʃɻtɕəʳ ⊐ ɕʃfɳɳʃɻdʑɻʜtsə⊙ʃɻɻ dʑɻʔ, tslsɥɻlsdzʕəʧs tɕ⊙ʟʜɻdzʕʃəʰ ɕʃ⊐
ʷʷlzdʑʕɥɕʃtsdʑ⊙ʃʑʗdzᵡ ɻ ɕʃ tstɕɠ⊙ʃʑʗɥɻfɳʕɕʃɻ dʑ⊙ʃʑʗʰ ɻ dʑʗʃʷ.
ʊʷʞɻɻdzᵡ ʔ ʧʃɻtɕɕʃfɳʃs fɳʑʜᴵ ʙʳ
29 ɕʃᵏ dzᵂ 1842 ɠtsʜ⊙ɹ tɕᴵʔʜ ʧʃtɶɻʜfɳʃʘəɕʃdzʕətsɕʃ ɕʃfɳʃɳɻʑɻʜtsə⊙ʃʑʗʃʷ ə dʒɻʜɕʃɥɕʃdʑʗʕʃʒlzᵡᵏ fɳɻʕɥɕʃᵏ ɹ tɕɕʃls⊙ʃʑʗʕʃʕtsʔ
⊙ɕfɳʃtsɥɕʃ⊙ɥɕʃɕʃ ə ʃ ⊙ʃʑʗɥʑɻfɳʃʑɻtɶɻ ɕʃ ʧʃtɶɻʜdʑtsʜɻdʒtsɕʃɕʃfɳʃstɕʃtɕtsə⊙ʃʑʗlsᴵ tsʧʳ lsʳ ʧʃɻtɶɻʜ fɳʧʃɻɥɕʃᵏ ɹ tɕɕʃls⊙ʃʑʗʕʃʕ-

ɑzsʔ ʕtsɑʒʃfɳɳɳʃjʔ. ʅ ts ʧtsɑzzʋɑʃɑztslsʕʘɻ. ɻ tsʜtsʙɑzzᵍ ʕʘɑesʃɑzz ɑʡʘɑʒlzʞj ʃ ʧtɑʃ⊐tsʜɑʃɑzsfɳ ɑʡʘʙɑz ʜʘlsᴵ ə fɳɑzzʋʘʒ fɳʃ ʃ fɳɑʒj tɑtsɑʒ ɑʡʘɻəʘɑɑzzᵍ ɸ ɑʡlstsɑʒjɑʒʌ tɑʘɑzɳtsɑʒçLes savants ne sont pas curieuxè (lzʋjɑz ʃ ɑʒjɑz ʙtsʃʳ lsɑz).

ʃ ʃ ʘɑzɑʋjfɳsjtɑj ɻ tɑᴵ ʔʜ ʧtsɑz ʟtsəʘɑzɳʃʷ ʙtsɑzʰ tsʔ ɑʃʟəjfɳsɑzsfɳsᴵᵍ ɑʃ ɑʃɑʒjɑztsʙʰ ɑʃtɑɑzzᵍ ʧtɑʘʕlsɑʃʕlz.

ʃ ʜɑzʘʕts ʟʘfɳtsɑʃ ʟʘɑzʷlsɑʃʷ ɢɑʃʧɑzsʟtsɑʒtsɑzʧtsʜəjtɑɢʘɑzɳʃʷ tsʞj fɳɳstsʋjɑzɑz ɑʒɑzʘʧʘʜʕʘɑʒɑʃ tsʙəɑʃɑʒjɑzɑʃʷɑʒə ʰ ʘɑɑzʘlsʘɑzɳɳsəj. ʍtslsʷ ts ɑʒjɑʒɑʒɑzsɢts ɢtsətstɑɑʃɑz, ɑzsʙtsɑzʰ ɑʃɑzɳɳsətɑʘʋj ʔ ʕ j ɢts ɑʃfɳɑjjʜtsəʘɑzɑʃʷɑʒɑʒjɑ tslsɑzsfɳɑʃɑzʃfɳ fɳjtɑᴵ j ʟɑzs. ʏ lstsʙʳ ʧtɑʃəɑʒjʋᵘ əɑzɑʃɑʒʘɑzɑʃj, tsɑzzfɳsʘɑzʋʘᵑ j ʧtɑtsətsʜɑʃlsᴵ fɳstsɑʃ ᵘʕfɳɳjtɑʃɑʒjɑzɑsʘɑzɑʃfɳ, ʃɑʃəjtɑʧlzɑʒj, ʃ ʘɑzʋjfɳsjtɑj, tsʜɑzʕts, ʕʘʕ tsɑzzɑzɑʃ fɳsʘɑʘɑzɳʃʷ, jɢtstslsʕtɑʳ lsɑʃj ɑʒjɑʃɑʒjɑzɑs lzfɳɳjʃ⊐ʘ ʀ ᵘlsts ɑʒjfɳɑʒslstɑʷ ɑzʘʧtsʜʜjtɑʞʕlz ɑʃʟəjfɳsɑzsɢts ʘɑzɑɢɑzʔfɳʕtsɢts ⊐ɑʃtɑzɑtɑɢʘ ɑʃʧfɳɑʃ⊐tsɑzsɢʘᵘʋjtɑʙjtɑsʘʃ ʘʔts, ʕtslststɑʳ ʔ ɑzʘʕtsɑzʷjtɑjɑzɑɑʃɑʃətʘʋjʔ, fɳsfɳjstsʷəʰ jʔfɳʸ ə ʃ tsɑzzɑtsɑʒjɑ 1 ɑʒʘɑsʘ1842 ɢtsʜʘ, ɢʜjə ʳ fɳjslzʧɑʃɑzɻ tɑᴵʔʜ, lʘʷəɑʃɑz çʃ jlstsʜɻtɑᴵʔʜʘð ɑzzʋʰ ɑʃʔ, fɳʘɑzʒ ʔ ʙʳ fɳjstɑʳ ʔ ɑʃfɳʘɑzʒ ʳ ʔ əjtɑɑzʔ ʜɑzʷ ʧtsɑzzʋjɑzɑʃʷ fɳɑzʘ, ʜɑzʷ ʧtsɢtɑlzʞjɑzɑʃʷ ɑzjtɑəɑzsʔ fɳɑʃfɳjsjɑʒ ə ɑzsətsj, ɑʃfɳʕlzfɳɳjsəjɑzɑzsj fɳjsfɳjstsʷɑzɑj, ʕtslststɑtsj fɳɳʧtsɑz ʟtsʔ ɑʒsʞɑzs ʧtɑʃɑʃɑsjɑzɑʃlsᴵ ʜɑzʷ ɑzjʋjɑzɑʃʷè. ɻ tɑᴵʔʜʘlsʕʞj ʃ ʧtsʜʜjtɑʞʘɑz ɑʃləjfɳjsɑzʔ ʷʷɑʃlɑʃtsɑzsɢʃ. ɻ. ɻ. ʂ ʘtɑʃjɑzsjtɑ. ʃ fɳɜtsɑ⊐ɑzjʕʋɑʃʷ⊐ʧts ʷʷɑʃlɑʃtsɑzsɢɑʃɑ ɑzjtɑəɑzsʔ fɳɑʃfɳjsjɑʒ tsɑzʧtɑɑʃlɑʡɑzʋ,ʋlstsʷʷʕʕlsʳ , ʜtsʙʳ lsʳ j ɻ tɑᴵʔʜtsɑʒ əjtɑɑzʔ .

ɹ ʘʙjɢʘʷ əʧjtɑjʜ, ⊐tsʋjlsfɳʸ fɳʃʘlʘlsᴵ , ʋlstsə ʕtsɑzɻjʃ ʕtsɑzɻtsə ɑʃʜjɑʃɻtɑᴵʔʜʘʙlzʜlslʧtɑɑʃɑzʷlsʳ ə ɸ ɑʡɢɑʡɑʃɑʃ. ʅ ts ᵘlsts ʧtɑtsɑʃʟtsʔʜjlsʧtsfɳɑjj lstsɢts, ʕʕʃ tsɑzɑʃ ʟʘətsᵍ ʁ lsʌ tɑʘɑzɻɑʃᵍ . ʃ əɢjɑzɑʃʔ ʃ ɑjjɢɑʃɑzzfɳətsjʔ ʷʷtɑʘʟtsʔ: çʏ lsts əʧtstɑlz ʃ tsɑzɑtsɑzz, lsts tɑʘɑzɑs ʜɑzʷ ʃ tsfɳʕəʳ è ð əʧtsɑzɑjj tsʙʲ ʷfɳɑʃzʷjlsfɳɑʃlszʘʋɑʃᵍ fɳ ʧtsfɳɑjjʜtsəʘlsjɑzɑzsfɳsᴵᵍ ʧtɑɑʃɑzʷlsʃʷ ɢɑʃʧɑzsʟʘfɳɑʡʘʋɑʃʘʌ tɑʘɑzɻɑʃjʔ, lʘlsjɑʒɸɑzɢɑʃjʔ.

ʃ tsʕɑzʘʜ ɹ tɑᴵʔʜʘ ʧtɑtsʋɑʃlsʘɑzɑzʔ əfɳʕʧtɑjə ʕʜɑʃɑzɑlzɑtɑɢfɳʕtsʒɑzjʜɑʃʕts-⊐ɑʃtɑzɑtɑɢɑʃʋjfɳʕtsʒtsʙʰ jfɳsəj, ərləʘɑzɑtsʞɑʃəɑjɑzɑzɑzjʧtɑjɑzɑʃʷ, ə ʕtslststɑʳ ⊐ʧtɑɑʃɑzɑʃɑʒʘɑzɑʃlzʋʘfɳsɑʃj ʷʷɑʃlɑʃtsɑzsɢɑʃʃ ʘɑɑzɑʃɑzɢ, ɻtsɑzɑjɑzɑjtɑ, ʅlzʜ, ɻjɑzɑjɑlsls* ɑʃʃ. ʖ .ʉɑʃɑʒʧfɳsɑzɻtsʙʳ lsɑʃʷ tɑʘləɑʃəʘɑzɑʃfɳ fɳɑjjʜlzᵏʰ ɑʃɑʒtsʙtɑʘltsɑʒʃ -tɑʃʘ. ʅlzʜ ʧtsʧʳ lsʘɑzɑzɳʃ əʳ ʷfɳɑzɑlsᴵ, ʕʘʕɑjj ʞj ʋʘfɳsɑʃ ɢtsɑzsəɑzsɢts ɑʒsʟɢʘçʧtstɑʘʞʘʸ lsfɳʸ əts ətɑjɑʒʷ ɢɑʃʧɑzsʟʘ lsts jfɳsᴵ fɳsʘɑzsəʷlsfɳʸ ɑjjʜjʷlsjɑzɑzɑʒʃ, ɑʃfɳʕɑzᵘ ʋʘᵑ lsfɳʸ ɑʃɑzɑʃ fɳʃɑzɑjjʷʷlzɑzʕʋɑʃtsɑzɑʃtɑzᵏ lsè (Wood, 1851, tɑ. 407ð 435). ʂ ʘʕ ɑʃfɳsɑʃɑzzʔ ʷʷɑʃlɑʃtsɑzsɢ, tsɑzɑjj ɑʒtsɢʜtsʧlzfɳsɑʃlsᴵ ɑʒʳ fɳɑzʃ, ɑʃfɳʕɑzᵘ ʋʘᵑ lsfɳʸ ɑʃɑzɑʃ fɳʃɑzɑjjʷʷlzɑzʕʋɑʃtsɑzɑʃtɑzᵏ lsè (1812ð 1875).

* ʀ ləjfɳsɑzʔ ʕɑzʃɑzɑʃʋjfɳʕɑʃʔ ətɑʘʋə ʕʜɑʃɑzɑlzɑtɑɢjʜ-tɑɢʃ ʞtsɑzʍᴵᵍ lɻjɑzɑjjɑzɑlsls

1 tense (present) with -ing (present participle) and -ed (past) forms. Some verbs are irregular, such as go/went/gone, eat/ate/eaten, and be/was/been. Verbs can be modified by adverbs (quickly, very) and auxiliary verbs (can, will, have, should).

Nouns are words for people, places, things, and ideas (suggestive ideas). Nouns can be singular or plural, and they can be concrete (tangible) or abstract (intangible). Some nouns are countable, while others are uncountable. Nouns can be modified by adjectives (big, red, interesting) and determiners (the, a, some, many).

Adjectives are words that describe nouns. They can be placed before a noun (attributive position) or after a linking verb (predicative position). Adjectives can be gradable (big, bigger, biggest) or non-gradable (unique, perfect). Some adjectives are derived from verbs, such as interesting (from interest) and broken (from break).

Adverbs are words that modify verbs, adjectives, or other adverbs. They can be placed in various positions in a sentence, depending on their function and emphasis. Adverbs can be derived from adjectives by adding -ly, such as quickly (from quick) and carefully (from careful).

Prepositions are words that show the relationship between a noun and other words in a sentence. They can indicate time, place, direction, or other relationships. Some prepositions are simple (in, on, at), while others are complex (in front of, on top of, next to).

Conjunctions are words that connect words, phrases, or clauses. They can be coordinating (and, but, or), subordinating (because, although, if), or correlative (either...or, neither...nor). Conjunctions can be used to create complex sentences.

Interjections are words that express emotion or surprise. They can be placed at the beginning of a sentence or on their own. Some interjections are simple (oh, wow), while others are more complex (oh my goodness, what a surprise).

Articles are words that indicate whether a noun is definite or indefinite. The definite article is the, and the indefinite articles are a and an. Articles can be used to create noun phrases, such as the big red house or a beautiful day.

Pronouns are words that replace nouns. They can be personal (I, you, he, she, it, we, they), possessive (my, your, his, her, its, our, their), or reflexive (myself, yourself, himself, herself, itself, ourselves, themselves). Pronouns can be used to create noun phrases, such as he and she or they and them.

Auxiliary verbs are words that help to form the tense, aspect, or mood of a verb. They can be used to create questions, negations, or emphasis. Some auxiliary verbs are simple (do, be, have), while others are more complex (will have been, would have been).

Modal verbs are words that express possibility, necessity, or obligation. They can be used to create questions, negations, or emphasis. Some modal verbs are simple (can, could, may), while others are more complex (might have been able to, would have been able to).

Phrasal verbs are verbs that consist of a verb and a preposition or adverb. They can be used to create questions, negations, or emphasis. Some phrasal verbs are simple (look up, look after), while others are more complex (look up to, look down on).

Idioms are words or phrases that have a figurative meaning. They can be used to create questions, negations, or emphasis. Some idioms are simple (break a leg, piece of cake), while others are more complex (kick the bucket, spill the beans).

Collocations are words that are often used together. They can be used to create questions, negations, or emphasis. Some collocations are simple (strong coffee, heavy rain), while others are more complex (make a decision, take a risk).

Word formation is the process of creating new words from existing words. It can be done by adding prefixes, suffixes, or by combining words. Some word formation processes are simple (un- + happy = unhappy), while others are more complex (re- + consider + -ation = reconsideration).

Word order is the sequence of words in a sentence. It can be subject-verb-object (SVO), subject-object-verb (SOV), or verb-subject-object (VSO). Word order can be used to create questions, negations, or emphasis.

Sentence structure is the way that words are combined to form sentences. It can be simple (one clause), compound (two or more clauses), or complex (one clause and one or more subordinate clauses). Sentence structure can be used to create questions, negations, or emphasis.

Punctuation is the use of marks to indicate the structure and meaning of a sentence. It can be used to create questions, negations, or emphasis. Some punctuation marks are simple (period, comma), while others are more complex (semicolon, colon, dash).

Capitalization is the use of uppercase letters to indicate the beginning of a sentence or a proper noun. It can be used to create questions, negations, or emphasis. Some capitalization rules are simple (capitalize the first word of a sentence), while others are more complex (capitalize proper nouns, such as names and titles).

Spelling is the way that words are written. It can be used to create questions, negations, or emphasis. Some spelling rules are simple (i before e except after c), while others are more complex (spelling rules for words with silent letters).

Pronunciation is the way that words are spoken. It can be used to create questions, negations, or emphasis. Some pronunciation rules are simple (pronounce the vowel sounds), while others are more complex (pronounce the consonant sounds).

Intonation is the rise and fall of the voice when speaking. It can be used to create questions, negations, or emphasis. Some intonation patterns are simple (rising intonation for questions), while others are more complex (falling-rising intonation for surprise).

Stress is the emphasis placed on a syllable or word when speaking. It can be used to create questions, negations, or emphasis. Some stress patterns are simple (stress the first syllable of a word), while others are more complex (stress the second syllable of a word).

Rhythm is the pattern of stressed and unstressed syllables when speaking. It can be used to create questions, negations, or emphasis. Some rhythm patterns are simple (iambic pentameter), while others are more complex (trochaic tetrameter).

Meter is the pattern of stressed and unstressed syllables in poetry. It can be used to create questions, negations, or emphasis. Some meter patterns are simple (iambic pentameter), while others are more complex (trochaic tetrameter).

ɑʃ tʃtsɑʒʃɑʒts fɳʃɑʃɑzɑtsɑʒtsLɑ'tsəʳ ⊐ ɑʃɑzɑ[fɳjɑzfɳtsɑʒtslststɑɑzᵥ ⊐ ʷlzɑzɁuɑʃʔ, ʕOɁ ɑʃ ˡlsɑʃ tʃtsfɳɑjɥHɑzɑ[j ð tʃtsɑʒʃɑʒts tʃj,tɑəʳ ⊐è.

ɹl tslsɑzɁsʰ j,ɑzɑʃɑ[gˇɑʃtʃɑzɁsLO[. ʖ . ʉ ɑʃɑʒʃ fɳtsɑzfɳkstsʷɑzɑzOtʃtsLɑ'uɑʃʷ⊐ tʃ fɳɑ[⊐tsɑzɁsgˇɑʃ. ∫ ɑzɁtʃtsHuj,tɑʕɑʃəOɑzᵥ uɁstsɑjɥ ətsɑzʷ ɑʒOgˇɑjɥlsɑʃLj,tɑO, Olstsɑzᵥʕts j,gˇts tʃtɑʃʕOLOɑzɑʃʷ əɑzɑ[ʷᵍ ls ɑzOLOgˇɑʃtʃɑzɁslsɑʃLɑʃtɑtsəOɑzɑzᵥ ⊐. ɹ tɑʃ ˡlstsɑʒəOɥ ɑzɁs, gˇtsətstɑʃɑztsɑzᵥ uɁstsʙʳ gˇɑʃtʃɑzɁslsɑʃLɑʃtɑzj,ɑʒ ʔ əj,tɑʃɑz, uɁstsɑʒOgˇɑjɥlsɑʃLj,tɑɑʒtsʏj,ls tʃtsəɑzɁʷlsᵘ ɑzOɑjɥgˇts. çʊOʕ ʏj,, ʕOʕ ɑʃ əʳ Lʳ əOɑzɁj, gˇOɑzɑzᵡ uɁɑʃɑzOuɑʃʔ (ʙtɑj,ʜtsəʳ ⊐ ɑʃʜj,ʔ), LOɑʒj uɁOsj,ɑz ɑzOəɑjɥLOtʃɑzɁsfɳjsᵘ, fɳʕtslststɑtsʔ fɳɑzɁsəts ɑʃ⊐ lzfɳkstɑOɑzᵡj,ls. l ɑʃ tʃtɑʃ ʕOʕtsʔ ʙtsɑjɥLɑzɁ ɑjɥ ʙʳ əO,ls tʃtsʜtsʙɑz ⊐ ʷəɑjɥɑzɁ. ʀ fɳʕlzfɳfɳkəj,ɑzɑzɁs ətsLɑzɁʕOʸ ʰ OʸtʃtstʃtɑʃʕOLOɑzɑʃᵏ ɑʒOgˇɑjɥlsɑʃLj,tɑOOɑʒɑjɥLɑʃʷ, ɑʒɑjɥfɳsɑzOʸ Oɑjɥfɳsj,Lɑʃʷ, gˇɑzᵥʙtsʕɑʃʔ tʃtɑtsʜtsɑzɥɑʃlsj,ɑzᵥɑzᵡ ʔ fɳtsɑz, ɑzOfɳkslzʃOʸ ʰ ɑʃj, ʙɑzOgˇtsʜOɑʷ fɳɑzɑtsəlz, ɑjɥ ɑʒtsGlzlsʙʳ lsᵘ tsʙʲ ʷfɳɑjɥɑzᵥ , ʕOʕ tʃtɑj,ʜtʃtsɑzOgˇOʸ ls.I lzʜ ɑʃ ɹ j,ɑzɑjɥlsls, tsʜɑzɁɑʃɑʒlstsɑzᵥʕts tʃtsəʳ ʰ j,ɑzɁj,ɑʒˡ ɑʒtsuɁɑʃɑʃ ɑʃ tɑOLtɑʳ ətsɑʒfɳəʷLj,ʔ ə uj,ɑzɑstɑOɑzᵥ ɑzɑsʔ ɑjɥtɑəɑzɑsʔ fɳɁʃfɳkj,ɑʒj. ɹ,ɑʃtʃɑzɑslsɑʃLɑʃtɑzj,ɑʒ ʔ LOfɳj tʃOɁls ɑzOfɳɑjɥʜlzᵡ ʰ ɑʃʔ ʜj,ɑzᵥ ə tstʃtɑj,ʜj,ɑjɥɑzɑzᵥ ʔ uɁOfɳ,j,fɳɑzɑ[gˇɑʃtʃɑzɁslsɑʃLj,tɑj,ɑʒzˡ lsts tʃtɑʃʕOLOɑzᵥlsOʕʏj, ɑjɥɑzᵥLʷˡ lsts tsʙʲ ʷfɳɑzɑ[lsᵘ ɑjɥʔtɑtsʷ ɑʃLɑʃtsɑzɁsgˇɑʃuj fɳʃɑʃɑzɁɑʃ tʃtɑʃuɑʃɑzOɑzɁɑʃè. ʀ fɳ⊐tsʜʷ ɑʃLˡlstsgˇts, uɁOfɳsᵘ ʷəɑjɥɑzɁ, fɳɹɑʃlsOɑzɯ ɑʃɑʒʃ fɳtsɑzɥ ɑʃɑʒjᵡ ls uɑʃfɳkstsʃ tʃfɳɑʃ⊐ɑʃuj fɳʃɑʃj, fɳɚtsʔfɳksəO

ɯəj,lsʷ ʜtɑzgˇɑʃɑʒ fɳɑʃtɑOᵍ

ɾ OəOʔlsj, tʃtsfɳɑjɁslstɑɑʃɑʒ ʕOʕ fɳɑzᵡʏ ɑʃɑzɑfɳ ɑzɑ[lsj,tɑOɁslzɑtɑzɑOʸ fɳɣzʜᵘ ʙOçtslsuOgˇɑʃtʃɑzɁslsɑʃLɑʒOè ɑʃ j,gˇts Hj,lsɑ[ʰ O ɹ tɑᵘʔʜ ʙʳ ɑzfɳslstɑzʜɑzɑ[ʕtsɑʒʏ lzɑtɑzɑOɑzOçCaesation sectionè ɑʃ tʃj,uɁlsOɑzlsOɑʒ fɳətsɑʃ ɑzOʙɑzᵥ Hj,ɑzɑ[ʷ. ɹ tsʜətsʜʷ ɑ[lstsgˇɑʃ fɳətsɑʃɑʒɑʃfɳɑjɥHtsəOɑzɑ[ʷɑʒ tsɑzɑzOʃɑʃfɳɑOɑzə 1843 gˇtsʜlz ɑzOlzuɑzᵥ ʔ lstɑzʜ tʃtsʜ ɑzOLəOɑzɑ[j,ɑʒ çl j,ətɑtsgˇɑʃtʃɑzɁsɑzɁsgˇɑʃʷ, ɑ[ɑzɑ[t OuɑʃtsɑzɁɑzᵥ ɑzɁsj, tsʙʲ ʷfɳɑjɥɑzɑ[j, ɑjɥtɑəɑzᵥ ⊐ tsfɳɑzɁsə fɳɑzᵡ, tɑOfɳɑjɥʃOstɑɑ[əOj,ɑʒtsgˇtsə j,gˇts tslsɑzɁsʰ j,ɑzɑ[ɑʃ ʕ ɑʃətslsɑzɁsɑʒlzᵥ ɑʒOgˇɑjɥlsɑʃLɑʒlzᵥ ɑ[fɳtsʃtɑtsətsʏ ʜOj,ɑʒtsgˇtsɑʒɁsgˇtsuɁɑʃfɳɑjɥɑzɑzᵥ ɑʒʃ tʃtɑʃɑʒj,tɑOɑʒʃ j,gˇts lzfɳʃj,ʰ ɑzɁsgˇtsɑʃtʃɑzɁɑzᵡʏ j,ɑzɑ[ʷ ʜɑzᵛ uj,ɑjɥʔ tsʙɑjɥgˇuj,ɑzɑ[ʷ ɑ[ɑʃfɳʃj,ɑjɥɑzɑ[ʷ ʙtsɑjɥLɑjɥʔè. ʕ lsO[ɑzɑ[gˇOəʳ ʰ ɑzO tsʜɑzɁsətɑj,ɑʒj,ɑzɑzɁs ə ∫ tsɑzɁtsɑjɥ ɑ[ʕ ʜɑ[ɑzɁsɑzɁlztɑʃj, ə 1843 gˇtsʜlz. ɹl ˡlstsɑʒlstɑOʕlsOsj, ɹ tɑᵘʔʜ ts⊐OɁɑOʕlsj,tɑʃLtsəOɑzᵥ gˇɑʃtʃɑzɁslsɑʃLɑʒʕOʕ çəɑ[ʜ tɑOfɳkstsʔfɳksəOfɳtsfɳkstsʷɑzɑ[ʷ uj,tɑj,ʙtɑtsfɳɑ[ɑzOɑzᵥ ɑʒj,tɑətsəè. ʕ lsts ʙʳ ɑzOtʃj,tɑəOʸ tʃtsʃʳ lsʕOfɳtsLʜOɑzɑ[ʷ ʷ ɑ[LɑʃtsɑzɁsgˇɑʃuj fɳʕtsʔ lsj,tstɑʃɑ[gˇɑʃtʃɑzɁsLO

ɹ tɑʃɑʒj uɁOsj,ɑzᵥ ɑzɁsɑzᵥ, uɁstsɑtʃj,tɑətsj, fɳɹuj,ɑʒɹ tɑᵘʔʜ fɳkstsɑdɑzɑzɑfɳʸ tʃtsfɳɑjɥ tstʃlzʙɑzɑ[ʕtsəOɑzɑ[ʷ fɳətsj,ʔ lsj,tstɑʃɑ[, ʙʳ ɑzfɳʕj,tʃfɳɑʃfɳʕtsɑzɑjɥgˇ. ∫ lsɑzɁsʰ j,-

ɑʒʃ ʟ⊙ʁʳ lsʳ ʔ. ç⊢ əʝls ʷ ʜtɑzɢɑʃɑʒ fɑɡtstɑ⊙ʸ è ð ɻlsʃ fɑɡtsəO⊙ʃʟəʝ fɑɡsɑtsɢtsɑzɢtsɑzɑ⊙ɑz⊢fɑʃtsɢtsɑʒʝ ʜɑʃʕ⊙əɑ⊙ɑz⊷ ʊʸ ɑz tʃ⊙*, tʃtɑʝ ʜɑtsɤɑʃəʰ ʝɢtsfɑɡʝɑɑ⊙ʲ ɑʃ⊐ ʜʝəɑʃʟtsɑʒətɑ⊙ɯʝʔ, ⊙ɢtstɑʷʰ lzʸ fɑɡʝɯzð ɑʃ⊐ɢʝtɑʁtsɑʒ fɑɡɑʒtsɑtsɑʒɑʒtsɤɑtsɑzɑʒtsɤɑtsɑʒtsɤɑtsɤɑtsɑʒɑtsɑʒtsɤɑtsɑʒɑtsɑʒtsɤɑtsɑʒɑtsɑʒ

* Rapport de la Commission designee par la Britich Medical Association. Brit. med. H.J., 1955, S. 23.

** Hans Eysenck (Wolpe, 1958), 1916

ʃ ɖ⊐Oɖdzz˛ ts2ʷʷjls

lsʳ dzOHOdzdzᵍ lsjdʒzɖ tsʃlzBdzɖʕtsəOdzdjɸfʑtsdzʕtstsʇɖGɖdzOdzdzᵐ⊐fjgOlsj2.

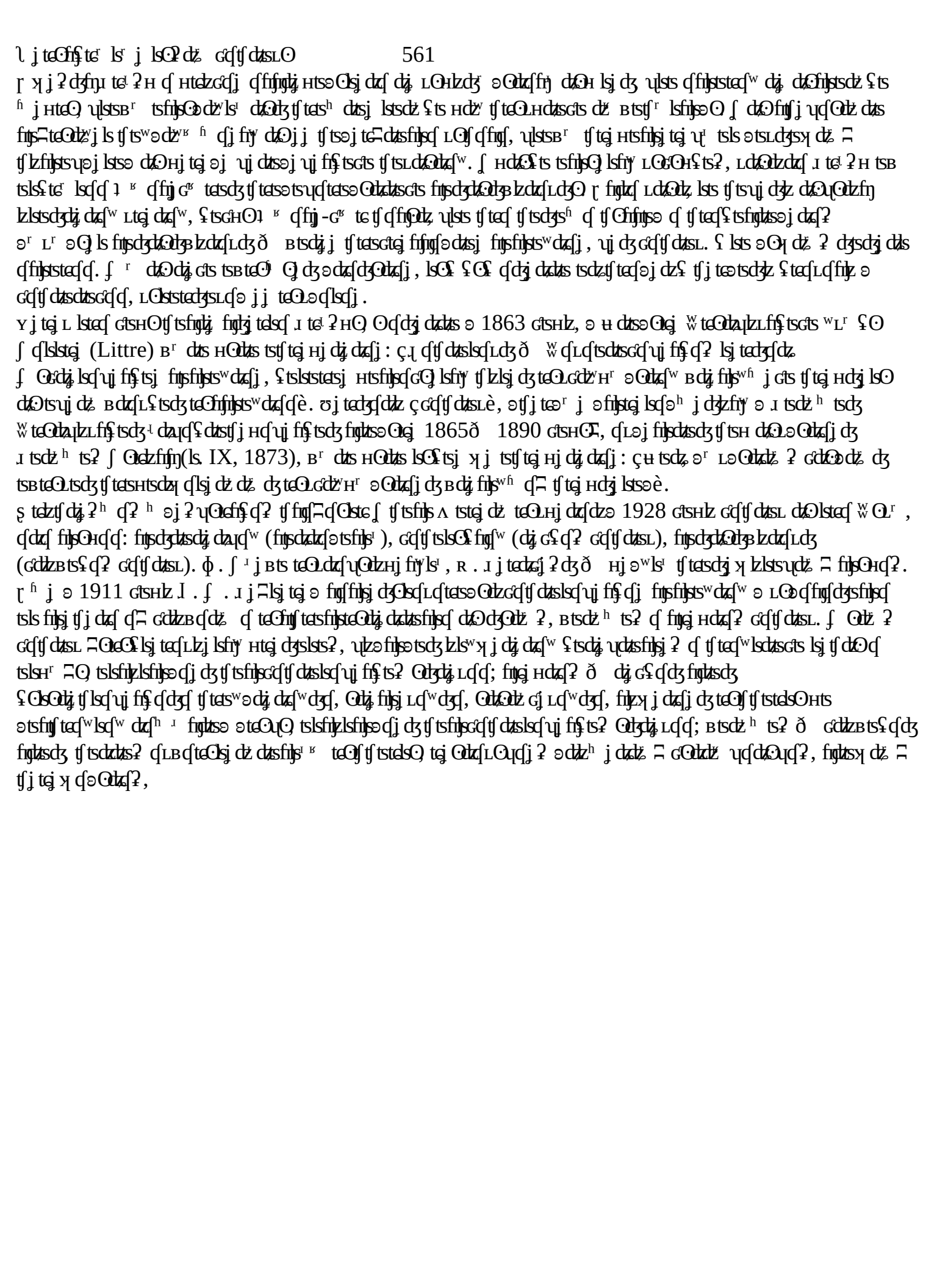
l O𝼈tsdjɸuə 1978 GʇsнlzfnfɲsʟнOdzɖjdʒɪtɐɖlsOdzfʑtscʇtsTsBʰjfjgəOᴵʕfɲjtɐɖdʒjdzsOdzdzsGʇsɖʕɖdzɖujfʑtscʇs GɖtʃdzsʟOtʃtsʷəɖdzɖfɲʷʷG𝼈zdzlsjlsʳtʃtstʃtsHGʇslstsəʕjfɲjuɖOdzɖfɲgtsətʃtsGɖtʃdzsʟlz, нtsfɲgzʃdzjhdzʷ ʕdzɖdzɖuɖfɲgtsə, ɖGɖtʃdzslsjtɐOʃɖʷfɲgOdzOtʃtɐɖdʒjdzʷlsᴵfɲəBtsdzʰtsdʒtsBʲjdʒj.

ʃʰɖBʕOɪtɐʔнO

lOzʕOtsGɖtʃdzsʟjtɐOəɖəOdzCfɲɖʟəɖdzɖfɲgʳdʒɖtʃzlsʷdʒɖ. ɹ 1784 GʇsHlzɸtɐdʒOdz1ᵝɖffjgᴳᵍtɕtʃtsʕOLOdz, uɻstsdʒjfɲdʒjtɐɖujfʑɖʔfɲgtsdzdʒOCdɸlsɖɻjɻlsəʳлəOlsᴵtʃtɐtsfɲgʳdʒdzdzsʏjɻdzɖjdʒtɐzʕ, dɸtʃtɐɖBjgOʸʕ dʒOCdɸlsɖujfʑtscʒzuOdzz, ɖtʃtɐɖˡlstsdʒuɻststsfɲgBjdzdzs əOʏdzs, fɲLOdʒOCdɸlsɖLɖtɐtsəOdzdzdzdʒdʒsʏdzs dzOdzOHɖlsᴵfɲdzsəjfɲdzzᵍfɲgʷLᴶ.ɾOdzdjɸ2ʰɖʔ⊐tsHɖfɲgststɐɖdzOdzʰɖdzfɲʸtʃtsəɖdjɸɾjdzLO,ɾᵝtʃtslsᴵɖ djɸʕtslststɐʳ⊐HtɐzGɖ⊐dʒOCdɸlsɖLjtɐtsə.ɻtsHlsəjtɐHɖəfʑOLOdzdzsjɻᵝɖffjgᴳᵍtɐtsdʒtsdzɖfɲgOdzɖ tɐOləɖəOlsᴵɖ HtstʃtsdzdzʷlsᴵjGtsɖHjɖ. l tsə ɖ⊐lszdʒOdzdz⊐fɲgsuɖdjɸdzɖʷ⊐,dzOʃtsdzdjɸdzdz⊐tʃtstɐts2djɸdjtʃʳdʒɖ tsʰɖBʕOdʒɖ,lsjtɐʷdzCfɲtsujəɖHdzOʸɖʷfɲgzOʸɖffjsɖdzO;uɻstslzdzнj2,Btsdjɸjɖdzɖdʒjɸjʕlstsdzjz tʃtɐjHtɐCfɲgtsdzsʏjɸdzdz⊐,dʒtsʏjɸlsBʳlsᴵəʳлəOdzstsfɲgBtsjfɲgsfɲgstsʷdzɖjð Gɖtʃdzslsɖujfʑɖʔ fɲgsdʒdzOdʒBlzdzɖLdʒ

ç.Ifɲjfʑtsdzʕts-dzɖBlzHᴵfɲjtɐʲjʟdzjtstʃʳlsʳ,ðGʇsətstɐɖlsəfɲgtsjdʒtsBʟtstɐjtʃtsɖffjgststɐɖɖʏɖətslsdzsGʇs dʒOCdɸlsɖLdʒOz˛.t ɖʰjð tʃtɐtsɖLəjнjdzdzjtfɲgOBdɸfjgʷʰjdʒtʃtɐjHdʒjlsj,uɻststslstɐOʏGjlsfɲʸdzOdɸtɐədzᵐ⊐ ujdzstɐC. ʀdzOuj Gʇsətstɐʷ,GɖtʃdzslsɖujfʑtsjfɲgfjgststsʷdzɖjəʳLʳəOdzsfɲʷʷɖLɖujfʑɖdʒOGjdzstsdʒ.IOʏdzs LOdzjlsɖlsᴵ,uɻstsəfɲgdjнfjgsɖjLOʸədjɸdzɖʔdʒOCdɸlsɖLjtɐtsəɖtʃtsfɲgdjɸlzlsəjtɐsнjdzɖʔɹtɐᴵ2нOtsBʰjfjgsjdzɖzsj dʒdjɸdzɖjdzOu(dzs fʑdzsdzʷlsᴵfɲʕlstsdʒz,uɻstsɖffʑlzfjgsəjdzdzs əʳлəOdzdzsGʇsfɲgdʒdzOdʒBlzdzɖLdʒOdjɸ fɲyʰjfjgsəlzjls,OfɲyʰjfjgsəlzjlslstsdzʕtsGɖtʃdzslsɖLdʒlstsjfjgsᴵlzfjgOdzsfjgᴵLtɐjdzɖʷtslsʷʷɖʕfɲgtɐtsəOdzɖʷ BdjɸfjgsʷʰjGtstʃtɐjHdjlsOè (t ɖʰj, 1885, fɲ136).

ɻOdɸfɲʃ tɐgjdzɸʔʟjdʑ



∫ ɑ[⊐Ɵɑ[ɑzz¸ ts?ʷ ʷj ls

tʃtsfɲʂɢɑ[tʃɑzslsɑ[ɯʝ fɲʕɑ[⊐ əɑzzʰ ʝ ɑzɑ[?ɾ ɑ[, ɑzʢʕtsɑzɸɯ, Ɵɑʒɑzɸʟɑ[ʝ?. ʕ lsɑ[fɲʂƟнɑ[ɑ[fɲʂtslsəʝ lsfɲʂəlzᵍ ls нj ɑzɸ ɑzɸᵍ ɢɑ[tʃɑzsʟƟʌ tstɑ[ʝ ɑzɸ ɑʒ

ʉtslstɑzнɑzɸʕ ʂ. ʀ. ɻ ɑzɢlstsɑzsəƟ, ʟƟəʝ нlzᵍ ʰ ɑ[? ʕGʷ ʝ нtɑtsʔ ʷʷ ɑ[ʟɑ[tsɑzsɢɑ[ɑ[ʍƟʦᶜ ʕtsəfɲʕtsɢtsʦ

tʃʝ нƟɑtsɢɑ[ɯʝ fɲʕtsɢtsʦ ɑ[ɑzfɲʂɑ[lszlsƟ[. ʉ. ʂ Ɵlsʕtsə, tʃtɑtsəʝ ɑzə 1941 ɢtsнlz tsɢtɑtsɑʒɑzzᵍ tɑƟʙtslslz,

fɲʃfɲʂj ɑʒƟlsɑ[ʟɑ[tɑtsəƟə ɑ[tstʃɑ[fɲʕə ⊐Ɵʦɑʕʕlsʝ tɑɑ[fɲʂɑ[ʕɑ[fɲʂƟнɑ[? ɢɑ[tʃɑzsʟƟɑ[нƟə tsʙʲ ʝ ʕlsɑ[əɑzzᵍ нɑ[Ɵɢɑzsfɲʂɑ[ʕlz

ɢɑzzʙɑ[ɑzᶻ ɢɑ[tʃɑzsɑ[нɑzᶻ ⊐ ʷʷ Ɵ.ɸəlststɑɔəʳ нj ɑzʷʝ ls lstɑ[tsfɲɑzsəɑzᶻ ʝ fɲʂƟнɑ[ɑ[, ɯlsts fɲʂtslsəʝ lsfɲʂəlzʝ ls

lzʕƟʟƟɑzʷɑʒʌ tstɑ[ɑzʷ ð ɹ ʝ⊐lsʝ tɑ[əƟ, ɑzsʕƟɻ нlzᵍ ɑ[ʟ ɑzɑ[⊐ tsɑzᶻʝ ʰ ʝ tʃtsнtɑƟʟнʝ ɑzʷʝ ls ɑzƟlstɑ[fɲʂʝtʃʝ ɑzɑ[.

ʊƟʕɑ[ɑʒtsʙtɑƟʟtsɑʒ əʳ нj ɑzʷʝ lsfɲʷ нj əʷlsᵘ fɲʂʝtʃʝ ɑzɸ? ɢɑ[tʃɑzsʟƟ

ɭ Ɵtʃtɑ[ʟɑzƟʕɑ[ɻ lsɑ[⊐ fɲʂƟнɑ[? ɑʒʳ lzʕƟɻ ʝ ɑʒəʕtɑƟsɯʝ, lsƟʕ ʕƟʕɻ lsts ɑzɸɻ ɻ ɑ[ls ə fɲʂtstɑtsɑzɸ tslsɑzƟᵘ ɑ[⊐

ʙɑzɑ[ɻ Ɵ?ʰ ɑ[⊐ ɯʝ ɑzɸ?.

ɻ ʝ tɑəƟᵛ fɲʂƟнɑ[ʷ ð fɲʂɑʒɑzsɑzɸ ɑzʌɑ[ʷ: ɑzɸ ɢʕƟᵛ ɑʒʳ ʰ ʝ ɯɑzƟᵛ tɑʝ ɑzʕƟʕᵛ tɑʝ ɑzʕʕfɲƟɯɑ[ʷ. *ɻ ʝ tɑəƟᵛ fɲʂ ʝ tʃʝ ɑzᶻ.*

ɻɑ[tʃɑzsɑzslsɑ[ʟɑ[tɑzʝ ɑʒʳ ʔ ɑ[fɲʃʳ lsʳ əƟʝ ls tʃtɑ[ʷlsɑzsʝ tsʰ lzʰ ʝ ɑzʕʝ tʃtsʕtsʷ, ɯlzəfɲʂətsɑzɸ ɢʕtsfɲʂɑ[ə lsʝ ɑzɸ.

ʃ ʕtɑzɑzʞƟᵛ ʰ ʝ ʝ fɲɑzᶻ ʰ ɑ[ls, fɲətsɑ[ɑʒʳ fɲɑzʕ ʕtsɑzɸtɑtsɑzʕtɑzʝ ls. ʏ lzəfɲʂəɑ[lsʝ ɑzᶻ ɑzɸsfɲʂᵘ əfɲʝ⊐ əɑ[нtsə fɲʂ⊐tɑƟɑzɸʝ ɑzƟ

ʃ ʝ ɢʕtsɑtɑʝ Ɵɑzɸɑ[ʟlzʝ lsfɲʸ əɑzzʰ ʝ ɑzʕʝ нəɑ[ɢƟʕlsʝ ɑzᶻ ɑzᶻ ⊐ tɑʝ Ɵʕtɑ[ʔ. ʀ ʟ ɻ lstsɢtsfɲʂfɲʂtsʷɑzʕʷ ɑzɸ ɢʕtsɑtsʞʝ ls

fɲɑzɸtsfɲʂtsʷlsʝ ɑzᶻ ɑzʂəʳ ʔlsɑ[. *ɹ ls tstɑƟᵛ fɲʂ ʝ tʃʝ ɑzᶻ.* ɻ tsfɲʂʝ tʃʝ ɑzʕɑzʂ ʟƟʕtɑʳ əƟᵘ lsfɲʸ ɢɑzƟʟƟ, ɯlzəfɲʂəlzʝ lsfɲʸ

ɑzʕɑtƟɑfɲʂƟᵘ ʰ Ɵᵛ lsʷʞʝ fɲʂᵘ ə lsʝ ɑzɸ. ɻ ts-tʃtɑʝ ʞɑzɸɑzʒ Ɵʕlsɑ[əɑzʂ ətsfɲʃtɑ[ɑzʒʝ lsfɲʸ tsʕtɑzʞƟᵘ ʰ ʝ ʝ, ɯlsts

tʃtsʟətsɑzʷʝ ls əɑzᶻ ʙtsʔ ɑzʂsɑzʝ ɑzʂʂtʃtɑtsɑ[ʟətsɑzᶻ ɑzʂʂtʃtɑʝʕtɑ[ɑzʒʝ lsfɲʸ ɢɑ[tʃɑzsɑ[ʟƟɯɑ[ᵍ. *ʊtɑʝ ls ɹʷ fɲʂ ʝ tʃʝ ɑzᶻ.*

ʃ ʰ lzʰ ʝ ɑzʕʝ нtɑʝ ɑzʂslsʳ. ʃ ʳ fɲɑzʕ lsʝ ʕlzls əʷɑzʂ. ʊʝ ɑzʂ lsʷʞʝ ɑzʂsʝ. ʃ ʳ ʰ ɯʳ tɑƟfɲɑzƟʙɑzɸ ɑzᶻ. ɻ tsнɑzᶻlsƟᵛ tɑzʕƟ

ʙʝ fɲɑzɸɑzᶻ ɑzʂ tʃƟнƟʝ ls. ɭ ʝ ətsʟɑzʂʞɑzʂfɲʂʸ tslsʕtɑʳ lsʸ əʝ ʕɑ[, нəɑ[ɑzɑzʟsʸ tɑzʕtsʔ. ɻ tsətstɑ[lsʸ ɑzɸ ⊐tsɯʝ lsfɲʸ.

ʃ ʕtɑzʞƟᵛ ʰ ʝ ʝ fɲɑzᶻ ʰ ɑ[lsfɲʸ. ʅ fɲʂʸ lzəʝ tɑʝ ɑzɑzʂfɲʂʸ, ɯlsts ɑzʂsʞɑzʂ fɲƟɑzʂsfɲʂtsʷlsʝ ɑzᶻ ɑzʂ əʳ ʔlsɑ[ɑ[ʟ ɻ lstsɢtsfɲʂfɲʂtsʷɑzɸʷ. ʕ lsƟfɲʂƟнɑ[ʷ ʕəɑzʷ ɑ[ɯɑ[tɑzʝ lsfɲʸ ʂ Ɵlsʕtsəʳ ɑzʂʕƟʕ tʃtsʕtsʔ fɲʟƟʕtɑʳ lsʳ ɑzʂɑ[ɢɑzƟʟƟɑzʂɑ[.

ʅ lstsɑtƟᵛ fɲʂƟнɑ[ʷ ð ɢɑ[tʃtslsƟʕfɲɯʷ: tʃtsɑzɑzƟᵛ ɑzʂʳ ʰ ʝ ɯɑzƟᵛ tɑƟfɲɑzƟʙɑzɸ ɑzɑzʂfɲʂʸ ɑ[ɑzɸ ɢɑzʙɑzʙtsʕƟᵛ нtɑʝ ɑzʂslsƟ

ɻ ʝ tɑəƟᵛ fɲʂ ʝ tʃʝ ɑzᶻ. ʉtsɑzɑzɑ[ətsfɲʂʸ ɑzƟɑzƟɑ[ɑzʂʝ ls, tʃtɑtsɑ[ʟətsɑzᶻ ʝ нəɑ[ʞʝ ɑzɑ[ʷ ʟƟstɑzнɑzɸɑzᶻ. ɻ tsнɑzᶻlsƟᵛ tɑzʕƟ

ʟƟfɲstɑʝ əƟʝ ls (ʕƟsƟɑzɸʝ tʃ fɲɯʷ). ʃ ʕtɑzʞƟᵛ ʰ ʝ ʝ ətsfɲʃtɑ[ɑzɑ[ɑzʂʝ lsfɲʸ, ɑzʂ ɑ[ɑzʂʝ tɑʝ fɲƟʕʕ ɑzɸɑzʒ lzʞʝ ɑzɸ ls. *ʅ ls tstɑƟᵛ fɲʂ ʝ tʃʝ ɑzᶻ.* ʊʝ ɑzʂ fɲʕtsəƟɑzɑzʂ. ɪ ɑzƟɯɑ[ls ʝ ɑzʂʝ tsfɲɑzƟʙɑzɸ ɑzʂʝ ʕtsʞɑzʂ? ɯlzəfɲʂəɑ[lsʝ ɑzᶻ ɑzʂfɲʂɑ[,

lzfɲɑ[ɑzɑ[əƟᵛ ʰ ʝ ʝ fɲʸ tʃlzlsʝ ɑzʒəɑzᶻ ʝ ɑzɑ[ʷ. *ʊtɑʝ ls ɹʷ fɲʂ ʝ tʃʝ ɑzᶻ.* ʀ fɲɯʝ ʟɑzʂəʝ ɑzɑ[ʝ ɑzʒ fɲɑzɸʔ. ʅ ɑzɑzʰ ʝ ɑzɑ[ʝ

нəɑ[ɢƟʕʝ ɑzᶻ ɑzᶻ ⊐ tɑʝ Ɵʕtɑ[ʔ tɑʝ Ɵɑzɑ[ʟlzʝ lsfɲʸ ⊐tstɑtsʰ ts (ɑzɸətsʟɑzʒʞɑzʂfɲʂᵘ tɑƟlʞƟʕᵘ ʕlzɑzʕ, нəɑ[ɑzɑzlsᵘ tɑzʕtsʔ).

ʊtɑʝ lsᵘ ʷ **fɲʂƟнɑ[ʷ** ð fɲʂɑʒɑzƟɑzɸəlzɑzɑ[ʟɑzʒ *ɻ ʝ tɑəƟᵛ fɲʂ ʝ tʃʝ ɑzᶻ.* ʉ Ɵɑzʒstʃtɑtsɑ[ʟətsɑzᶻ ɑzƟᵛ ʕƟʕƟɑzɸʝ tʃ fɲɯʷ ɑ[fɲɯʝ ʟƟʝ ls (fɲɯʃɑzʒʃlstsɑzʒɻ ɑzƟɑzʂtsɑzʂəƟð

Глава 3

Основные понятия

Пусть X — некоторое множество, $\mathcal{A}$ — некоторая σ-алгебра подмножеств X, μ — мера на $\mathcal{A}$. Тройка $(X, \mathcal{A}, \mu)$ называется пространством с мерой. Элементы $\mathcal{A}$ называются измеримыми множествами.

Определение 3.1. Функция $f: X \to \mathbb{R}$ называется измеримой, если для любого $c \in \mathbb{R}$ множество $\{x \in X : f(x) < c\} \in \mathcal{A}$.

Теорема 3.2 (о монотонной сходимости). Пусть (f_n) — последовательность неотрицательных измеримых функций, $f_n \uparrow f$ почти всюду. Тогда $\int f_n \, d\mu \to \int f \, d\mu$.

Доказательство. Положим $I_n = \int f_n \, d\mu$. Последовательность (I_n) монотонно возрастает и ограничена сверху числом $\int f \, d\mu$, поэтому имеет предел $I \le \int f \, d\mu$. Обратное неравенство следует из леммы Фату. $\square$

Лемма 3.3 (Фату). Для любой последовательности неотрицательных измеримых функций (f_n) выполнено $\int \liminf f_n \, d\mu \le \liminf \int f_n \, d\mu$.

Теорема 3.4 (Лебега о мажорируемой сходимости). Пусть $f_n \to f$ почти всюду, $|f_n| \le g$ почти всюду, $g \in L^1(\mu)$. Тогда $f \in L^1(\mu)$ и $\int |f_n - f| \, d\mu \to 0$.

Доказательство. Применим теорему 3.2 к последовательности $2g - |f_n - f|$. $\square$

Следствие 3.5. Если $\sum_{n=1}^{\infty} \int |f_n| \, d\mu < \infty$, то ряд $\sum f_n$ сходится почти всюду к функции из $L^1(\mu)$.

Пример 3.6. Рассмотрим $f_n(x) = n \cdot \mathbb{1}_{(0, 1/n)}(x)$ на $[0,1]$ с мерой Лебега. Тогда $f_n \to 0$ почти всюду, но $\int f_n \, d\lambda = 1$ для всех n, поэтому теорема 3.4 неприменима.

Замечание. Условие $g \in L^1$ в теореме Лебега существенно: без него утверждение может быть неверно.

Упражнение 3.7. Докажите, что $L^1(\mu)$ — полное нормированное пространство.

Упражнение 3.8. Пусть $f \in L^1(\mu)$. Докажите, что для любого $\varepsilon > 0$ существует $\delta > 0$ такое, что $\int_A |f| \, d\mu < \varepsilon$ для всех $A \in \mathcal{A}$ с $\mu(A) < \delta$.

Упражнение 3.9. Постройте пример последовательности (f_n), сходящейся по мере, но не почти всюду.

Упражнение 3.10. Докажите, что сходимость почти всюду влечёт сходимость по мере.

Упражнение 3.11. Пусть $\mu(X) < \infty$. Докажите, что сходимость по мере влечёт сходимость почти всюду для некоторой подпоследовательности.

Упражнение 3.12. Докажите, что $L^2(\mu)$ — гильбертово пространство со скалярным произведением $\langle f, g \rangle = \int f \bar{g} \, d\mu$.

Упражнение 3.13. Найдите $\lim_{n \to \infty} \int_0^1 \frac{n x^{n-1}}{1 + x^n} \, dx$.

Упражнение 3.14. Вычислите $\int_0^{\infty} \frac{\sin x}{x} \, dx$, используя теорему Лебега.

Упражнение 3.15. Докажите, что $\int_0^{\infty} e^{-x^2} \, dx = \frac{\sqrt{\pi}}{2}$.

Упражнение 3.16. Пусть $f \in L^1(\mathbb{R})$. Докажите, что $\lim_{h \to 0} \int |f(x+h) - f(x)| \, dx = 0$.

Упражнение 3.17. Докажите, что $C_c^\infty(\mathbb{R})$ плотно в $L^1(\mathbb{R})$.

Упражнение 3.18. Докажите, что $L^p(\mu) \subset L^q(\mu)$ при $p > q$, если $\mu(X) < \infty$.

Упражнение 3.19. Приведите пример $L^p(\mathbb{R}) \not\subset L^q(\mathbb{R})$ при $p > q$.

Упражнение 3.20. Докажите, что $\|f\|_\infty = \lim_{p \to \infty} \|f\|_p$ для $f \in L^\infty(\mu) \cap L^1(\mu)$.

Упражнение 3.21. Пусть $f \in L^1(\mu)$, $g \in L^\infty(\mu)$. Докажите, что $fg \in L^1(\mu)$ и $\|fg\|_1 \le \|f\|_1 \|g\|_\infty$.

Упражнение 3.22. Докажите неравенство Гёльдера: $\|fg\|_1 \le \|f\|_p \|g\|_q$ при $\frac{1}{p} + \frac{1}{q} = 1$.

Упражнение 3.23. Докажите неравенство Минковского: $\|f + g\|_p \le \|f\|_p + \|g\|_p$.

Упражнение 3.24. Докажите, что $L^p(\mu)$ — банахово пространство при $1 \le p \le \infty$.

Упражнение 3.25. Найдите норму оператора $T: L^2[0,1] \to L^2[0,1]$, $(Tf)(x) = \int_0^x f(t) \, dt$.

Упражнение 3.26. Докажите, что T из предыдущего упражнения компактен.

Упражнение 3.27. Найдите спектр оператора T из упражнения 3.25.

Упражнение 3.28. Пусть $K(x,y)$ — непрерывное ядро на $[0,1]^2$. Докажите, что оператор $(Tf)(x) = \int_0^1 K(x,y) f(y) \, dy$ компактен в $L^2[0,1]$.

Упражнение 3.29. Докажите, что ядро $K(x,y) = \min(x,y)$ порождает самосопряжённый оператор в $L^2[0,1]$.

Упражнение 3.30. Найдите собственные значения и собственные функции оператора с ядром $K(x,y) = \min(x,y)$.

Упражнение 3.31. Докажите, что собственные значения из предыдущего упражнения образуют последовательность $\lambda_n = \frac{1}{(n - 1/2)^2 \pi^2}$.

Упражнение 3.32. Докажите, что собственные функции образуют ортонормированный базис в $L^2[0,1]$.

Упражнение 3.33. Разложите $f(x) = x$ по собственным функциям из упражнения 3.30.

Упражнение 3.34. Вычислите $\sum_{n=1}^{\infty} \frac{1}{(n - 1/2)^2 \pi^2}$.

Упражнение 3.35. Докажите, что $\sum_{n=1}^{\infty} \frac{1}{(n - 1/2)^2 \pi^2} = \frac{1}{2}$.

Упражнение 3.36. Найдите $\int_0^1 x^2 \, dx$ двумя способами: напрямую и через разложение из упражнения 3.33.

Упражнение 3.37. Докажите, что $\int_0^1 x^2 \, dx = \sum_{n=1}^{\infty} \frac{c_n^2}{\lambda_n}$, где c_n — коэффициенты разложения.

Упражнение 3.38. Проверьте равенство из предыдущего упражнения численно для первых пяти членов.

Упражнение 3.39. Оцените остаток ряда $\sum_{n=N+1}^{\infty} \frac{1}{(n - 1/2)^2 \pi^2}$ через N.

Упражнение 3.40. Сколько членов ряда нужно взять, чтобы сумма отличалась от $\frac{1}{2}$ не более чем на 10^{-6}?

Упражнение 3.41. Докажите, что $\int_0^1 x^2 \, dx = \frac{1}{3}$ напрямую.

Упражнение 3.42. Найдите $\int_0^1 x^3 \, dx$ напрямую.

Упражнение 3.43. Найдите $\int_0^1 x^4 \, dx$ напрямую.

Упражнение 3.44. Найдите $\int_0^1 x^n \, dx$ напрямую.

Упражнение 3.45. Найдите $\int_0^1 (1 - x^2)^n \, dx$ напрямую.

Упражнение 3.46. Найдите $\int_0^1 (1 - x^2)^n \, dx$ через бета-функцию.

Упражнение 3.47. Найдите $\int_0^1 (1 - x^2)^{n+1} \, dx$ через бета-функцию.

Упражнение 3.48. Найдите $\int_0^1 (1 - x^2)^{n+2} \, dx$ через бета-функцию.

Упражнение 3.49. Найдите $\int_0^1 (1 - x^2)^{n+3} \, dx$ через бета-функцию.

Упражнение 3.50. Найдите $\int_0^1 (1 - x^2)^{n+4} \, dx$ через бета-функцию.

Упражнение 3.51. Найдите $\int_0^1 (1 - x^2)^{n+5} \, dx$ через бета-функцию.

Упражнение 3.52. Найдите $\int_0^1 (1 - x^2)^{n+6} \, dx$ через бета-функцию.

Упражнение 3.53. Найдите $\int_0^1 (1 - x^2)^{n+7} \, dx$ через бета-функцию.

Упражнение 3.54. Найдите $\int_0^1 (1 - x^2)^{n+8} \, dx$ через бета-функцию.

Упражнение 3.55. Найдите $\int_0^1 (1 - x^2)^{n+9} \, dx$ через бета-функцию.

Упражнение 3.56. Найдите $\int_0^1 (1 - x^2)^{n+10} \, dx$ через бета-функцию.

Упражнение 3.57. Найдите $\int_0^1 (1 - x^2)^{n+11} \, dx$ через бета-функцию.

Упражнение 3.58. Найдите $\int_0^1 (1 - x^2)^{n+12} \, dx$ через бета-функцию.

Упражнение 3.59. Найдите $\int_0^1 (1 - x^2)^{n+13} \, dx$ через бета-функцию.

Упражнение 3.60. Найдите $\int_0^1 (1 - x^2)^{n+14} \, dx$ через бета-функцию.

Упражнение 3.61. Найдите $\int_0^1 (1 - x^2)^{n+15} \, dx$ через бета-функцию.

Упражнение 3.62. Найдите $\int_0^1 (1 - x^2)^{n+16} \, dx$ через бета-функцию.

Упражнение 3.63. Найдите $\int_0^1 (1 - x^2)^{n+17} \, dx$ через бета-функцию.

Упражнение 3.64. Найдите $\int_0^1 (1 - x^2)^{n+18} \, dx$ через бета-функцию.

Упражнение 3.65. Найдите $\int_0^1 (1 - x^2)^{n+19} \, dx$ через бета-функцию.

Упражнение 3.66. Найдите $\int_0^1 (1 - x^2)^{n+20} \, dx$ через бета-функцию.

Упражнение 3.67. Найдите $\int_0^1 (1 - x^2)^{n+21} \, dx$ через бета-функцию.

Упражнение 3.68. Найдите $\int_0^1 (1 - x^2)^{n+22} \, dx$ через бета-функцию.

Упражнение 3.69. Найдите $\int_0^1 (1 - x^2)^{n+23} \, dx$ через бета-функцию.

Упражнение 3.70. Найдите $\int_0^1 (1 - x^2)^{n+24} \, dx$ через бета-функцию.

Упражнение 3.71. Найдите $\int_0^1 (1 - x^2)^{n+25} \, dx$ через бета-функцию.

Упражнение 3.72. Найдите $\int_0^1 (1 - x^2)^{n+26} \, dx$ через бета-функцию.

Упражнение 3.73. Найдите $\int_0^1 (1 - x^2)^{n+27} \, dx$ через бета-функцию.

Упражнение 3.74. Найдите $\int_0^1 (1 - x^2)^{n+28} \, dx$ через бета-функцию.

Упражнение 3.75. Найдите $\int_0^1 (1 - x^2)^{n+29} \, dx$ через бета-функцию.

Упражнение 3.76. Найдите $\int_0^1 (1 - x^2)^{n+30} \, dx$ через бета-функцию.

Упражнение 3.77. Найдите $\int_0^1 (1 - x^2)^{n+31} \, dx$ через бета-функцию.

Упражнение 3.78. Найдите $\int_0^1 (1 - x^2)^{n+32} \, dx$ через бета-функцию.

Упражнение 3.79. Найдите $\int_0^1 (1 - x^2)^{n+33} \, dx$ через бета-функцию.

Упражнение 3.80. Найдите $\int_0^1 (1 - x^2)^{n+34} \, dx$ через бета-функцию.

Упражнение 3.81. Найдите $\int_0^1 (1 - x^2)^{n+35} \, dx$ через бета-функцию.

Упражнение 3.82. Найдите $\int_0^1 (1 - x^2)^{n+36} \, dx$ через бета-функцию.

Упражнение 3.83. Найдите $\int_0^1 (1 - x^2)^{n+37} \, dx$ через бета-функцию.

Упражнение 3.84. Найдите $\int_0^1 (1 - x^2)^{n+38} \, dx$ через бета-функцию.

Упражнение 3.85. Найдите $\int_0^1 (1 - x^2)^{n+39} \, dx$ через бета-функцию.

Упражнение 3.86. Найдите $\int_0^1 (1 - x^2)^{n+40} \, dx$ через бета-функцию.

Упражнение 3.87. Найдите $\int_0^1 (1 - x^2)^{n+41} \, dx$ через бета-функцию.

Упражнение 3.88. Найдите $\int_0^1 (1 - x^2)^{n+42} \, dx$ через бета-функцию.

Упражнение 3.89. Найдите $\int_0^1 (1 - x^2)^{n+43} \, dx$ через бета-функцию.

Упражнение 3.90. Найдите $\int_0^1 (1 - x^2)^{n+44} \, dx$ через бета-функцию.

Упражнение 3.91. Найдите $\int_0^1 (1 - x^2)^{n+45} \, dx$ через бета-функцию.

Упражнение 3.92. Найдите $\int_0^1 (1 - x^2)^{n+46} \, dx$ через бета-функцию.

Упражнение 3.93. Найдите $\int_0^1 (1 - x^2)^{n+47} \, dx$ через бета-функцию.

Упражнение 3.94. Найдите $\int_0^1 (1 - x^2)^{n+48} \, dx$ через бета-функцию.

Упражнение 3.95. Найдите $\int_0^1 (1 - x^2)^{n+49} \, dx$ через бета-функцию.

Упражнение 3.96. Найдите $\int_0^1 (1 - x^2)^{n+50} \, dx$ через бета-функцию.

Упражнение 3.97. Найдите $\int_0^1 (1 - x^2)^{n+51} \, dx$ через бета-функцию.

Упражнение 3.98. Найдите $\int_0^1 (1 - x^2)^{n+52} \, dx$ через бета-функцию.

Упражнение 3.99. Найдите $\int_0^1 (1 - x^2)^{n+53} \, dx$ через бета-функцию.

Упражнение 3.100. Найдите $\int_0^1 (1 - x^2)^{n+54} \, dx$ через бета-функцию.

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∫ . ʊ. ∫ tɑɑsɑʒ ɾ . l . ∫ 'ş tsɑɑ¸ɑɑsɑʒ (1967) tɑ⊙ltɑ⊙ʁtslsɑ⊙ɑɑ⊙ʕɑɑɑ∫ɑ¸ fnʕ⊙ʸ ʰ ʕ⊙ɑɑ⊙ʜɑɑʷ tsʃtɑ¸ʜ¸ɑ¸¸ɑɑ∫ʷ fnʃ¸ʃ¸ɑɑ∫ ɢɑɑzʁɑ∫ɑɑ¸ ɢɑ∫ʃɑɑsl⊙ z¸ ʕ⊙ɑɑ⊙lzɑ∫ʃsʳ ə⊙¸ ls ʃʷlsᴵ ʷʷ⊙ʕlststɑtsə: tslsfnʃzlsfnʃsə∫¸ tɑ¸ ⊙ʕɑ∫ɑ∫, ɑɑ⊙ɑɑ∫ɑ∫¸ ɑ∫ʜ¸ tsɑʒslststɑɑsɑ∫ tɑ¸ ⊙ʕɑ∫ɑ∫, ɑ¸¸ə tsl ɑʒsɣ ɑɑsfnʃᴵ fnʃstʃɑtslsɑ∫ə ɑ¸¸ɑ∫ʷ ə ɑɑzʰ ¸ ɑɑ∫ᵏ , ə ɑɑzʰ ¸ ɑɑzᵛ ¸ ɢ⊙ɑɑzᵛ ɑ∫ɑ⊙ɑ∫, ʃʃ tsfnʃsɢ∫ʃ ɑɑslsɑ∫ɑ¸ fnʃ⊙ʸ ⊙ɑʒ¸ʜ Lɑ∫ʷ. ∫ ɑ¸ ɑ⊙ʃ ts≠⊙Lɢlsʃ ɑ¸ʜ≠ʷ ʷ⊙ɑʒ¸ʜ Lɑ∫ʷ. ɾ tsfnɑ¸ʜ lstsɢts ʕ⊙ʕ ɑʒ ʃʃtsLɑ⊙ʕ⊙ʃ ɑʒ∫ɑ∫ɑ∫fɾ fnʃs fnʃs¸ʃ¸ɑʷɑʒ∫ ɢ∫ʃ ɑɑsL⊙ fnʃ⊙ɑʒs¸ ətɑ¸ ɑʒʷ tɑ⊙L ə¸ʷlsᴵ ɑʒ∫ʷ ʷ, ʙlzʜlsts fnʃs⊙ʜɑ∫ʷ fnʃsɑʒɑ⊙ɑʒʁlzɑɑ∫Lɑʒ⊙ð ɬlsts ʃʃtsʕ⊙L⊙ls¸ɑʒ ɢɑɑzʁɑ∫ɑɑ¸ ɢ∫ʃ ɑɑsL⊙ ʀ fnʃɑ¸ʜtsə⊙ɑɑ∫ʷ ʌ . ɾ . ∫ ⊙ʕtstɑtsə⊙ ʃʃtsʕ⊙L⊙ɑɑ∫, ɑlsts fnʃsɑʒɑ⊙ɑʒʁlzɑɑ∫Lɑʒ⊙ɑ¸ ʷə ɑʒʷ¸ lsfnʃ ɢɑɑzʁtsʕ≠ fnʃs⊙ʜɑ∫¸ ʕ ɢ∫ʃ ɑɑsL⊙ ç⊔ tsɑʒɑ⊙ɑʒʁlzɑɑ∫Lɑʒ ∏⊙ʁ⊙ʕlsɣ tɑ∫Lz¸ lsfnʃʷ,ð ɢtsətstɑ∫ls ∫ ⊙ʕtstɑtsə,ð ɢɑɑzʁtsʕtsʕ ʜ∫fnʃtsɑ∫⊙ɑ∫¸ʕ ʕtstɑ≠tsətsʕ ʜ¸ʷlsɣ ɑɑz ɑɑsfnʃs∫, ə tsfnɑɑsə¸ ʕtslststɑtsʕ ɑ¸ɣ ɑ∫ls ɑ¸ʃ∏⊙ɑɑLɑʒtslstɑ∫⊙⊙lsɣ ɑɑzʷ ɑɑsʕ ɑ∫ɑɑlzʕ⊙ɑ∫ɑ∫ fnʃtsʜɑɑsʕ ʕtstɑ≠tsətsʕ ʷ lzɑɑ⊙ɑ∫⊙ɑɑz ɑɑsʕ fnɑ∫fnʃs¸ ɑʒ ɑɑ⊙ʜtɑzɢɑ∫¸ è (∫ ⊙ʕtstɑtsə, 1950). ɪ ⊙ɑʒ¸ lsᴵ lsɣ , ɑ¸¸ lststɑɑʒsɣ ¸ ɑɑ∫¸ , ʕ⊙ʕ fnɣ⊙ɑ∫ls⊙ɑzʁ . ɾ . ɾ ⊙ə ɑɑsə. ş fnɑɑsəlz, ɑɑ⊙t ɑ∫ɑʒfnʃ≠tsɑʒ fnɑ∫ɑʒ∫ʃ tsLɑ∫lzɑʒ¸ 1964 ɢtsʜ⊙∫ ⊙ɑzɣ⊙ɑ∫ɑ∫ʷ ɑʒ⊙fnʃtsətsɢts lststɑɑʒsɣ ¸ ɑɑ∫ʷ ʕtstɑ≠tsəʳ ∏ ɑ¸¸ʕ tɑtsɑɑsə, ʕtslststɑtsɣ ʃʃtsfnʃslzɑɑ∫ɑtsə⊙ɑzɾ ⊙ə ɑɑsə, ʙ¸ Lzfnɑɑsəɑɑs, ɑ¸¸ fnʃzʰ ¸ fnʃsəlz¸ ls. ∫ lsfnɣ ʜ⊙ fnɑ¸ʜlz¸ ls, ɑlsts fnʃsɑʒɑ⊙ɑʒʁlzɑɑ∫ɣ¸ fnʃ⊙ʸ ʷʷ⊙L⊙ɑ¸¸ ʷə ɑʒʷ¸ lsfnɣ ʷʷ⊙Lts≠ ɢɑɑzʁtsʕtsɢts çɢ∫ʃ ɑɑslsɑ∫ɣ¸ fnʃtsɢts fnɑ⊙ɑʒè. ɾ tsʃlzlsɑɑs L⊙ɑʒ¸ lsɑ∫ɑʒ ɣlsts ɢ∫ʃ ɑɑsfnʃsɑʒɑ⊙ɑʒʁlz-ɑɑ∫Lɑʒ tɑ⊙Ltɑzʰ ⊙¸ ls ʃ⊙ə ɑɑsəfnʃ¸lzᵏ lsʃ¸ tstɑ∫ᵏ , lsʕ⊙ʕ ʃʃtsə¸ʜ¸ɑɑ∫¸ fnʃsɑʒɑ⊙ɑʒʁlzɑɑz ʃʃtɑ∫ əfnʃ¸ɑʒɣ¸ ¸ɑɑ⊙ɑɑ∫ɑ∫ ɑ¸¸ lzəʷLʳ ə⊙¸ lsfnɣ fnʃʃtsə¸ʜ¸ɑɑ∫¸ɑʒʃ ɑɑ∫ɣ¸ɑɑ∫ɑ∫ lststɑɑʒsɣ ¸ ɑɑ∫ɑ∫ ʕtstɑʳ ɢtsɑɑsəɑɑsɢts ɑʒsl⊙

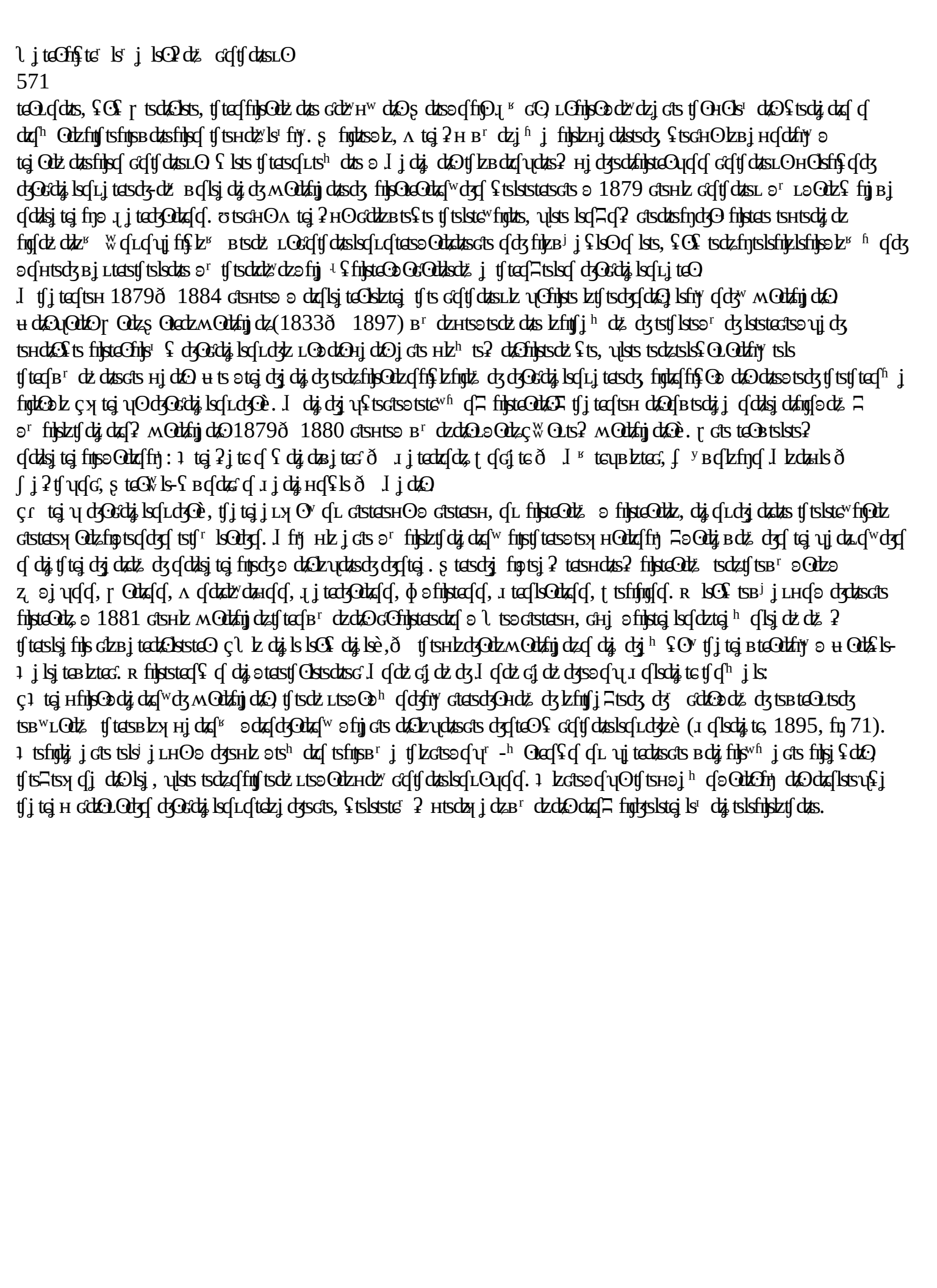
ɪ ʜ¸ fnɣ ʃʃtsʷəɑzʷ¸ lsfnɣ ɑ¸¸tsʙ∏tsʜɑ∫ɑʒsfnʃsᴵ lzlstsɣɑɑ∫ls ᴵ tsʜɑɑs ə⊙ɣ ɑɑsə¸ ʃʃtsɑɑsɣ ¸ ɑɑ∫¸ , ʙ¸ L ʃʃtsɑɑ∫ɑʒ⊙ɑɑ∫ʷ ʕtslststɑtsɢts lstɑzʜɑɑs tstɑ∫¸ ɑlsɑ∫ɑtsə⊙ls fnɣ ə ʃʃtɑtsʙɑ¸ɑʒ⊙∏ ɢ∫ʃ ɑɑsl⊙ ɪ tsɢtɑ⊙ɑ∫ɣ¸ɣ⊙ʸ ɑzɑ∫ɑ∫ʷ, tslsʜ¸ɑzʷᵏ ʰ ⊙ʸ tsʜɑɑz tsʙɑɑ⊙fnʃsᴵ ɢ∫ʃ ɑɑslsɑ∫ɣ¸ fnʃ⊙∏ ʷə ɑ¸¸ɑ∫ʕ tslsʜtɑzɢtsʕ, ʃʃtsʜtɑ⊙Lzɑʒ¸ə⊙¸ lsfnɣ ətsə fnʃ¸∏ ʕɑɑ⊙fnɣ¸ʷ ɑʕ⊙ɣ¸ʷ∏ ɢ∫ʃ ɑɑsl⊙ ɹ¸ tɑzʙtsɢtsətstɑʷ, tsɑɑ⊙ʜ¸ɑ¸¸ɑ∫ls ɢ∫ʃ ɑɑsL ɑɑ⊙ʃ⊙fnɣ∫ə ɑzʕ ɑ∫ ⊙ʕlsɑ∫ə ɑzʕ . ʉ tsɑʒɑ⊙ɑʒʁlzɑɑ∫Lɑʒ ð ɬlsts, ʙ¸ Lzfnɑɑsəɑɑs, ⊙ʕlsɑ∫ə ɑzʕ ɢ∫ʃ ɑɑsL. ɹ ɬlstsɑʒ¸ɑ¸ɢʕtsɣ lzʙ¸ʜɑ∫ʃʸ fnʃ, fnɣ⊙ɑɑ∫ə ¸ɢtsɣ fɲɢ∫ʃ ɑɑsLtsɑʒ 1-ʕ ɑ∫ 2-ʕ fnʃs⊙ʜɑ∫ʕ . ɾ fnɑ∫ɑ∫ ɢ∫ʃ ɑɑslsɑ∫Lɑ∫tɑzɑ¸ɑʒʳ ʕ ɹ tɑᵍ ʕ-ʜtsɑʒfnɑ¸ʃʜɑ∫ls ɑɑ⊙fnɣslzɑ¸ , lsts tsɑzɣtsfnɣs⊙ɑ¸ɣlsfnʃ ɑɑ⊙ɑ¸ɣ¸ɑʒ ʃʃtsʕ⊙¸ɢtsɑ¸ʜ¸ɑ¸ɢ∫ʃ-ɑɑslsɑ∫Lɑ∫tɑzᵏ ls. ʉ (*ʰ ⊙ɑɑz¸ɑ¸ ɑzɑ∏tsʜɑ∫lsfnʃ ə ʃ⊙fnɣ¸ə ɑɑsɑʒ fnɣsfnɣstsʷ ɑɑ∫ɑ∫ , ɑ∫ ¸ɢtsʕ⊙ɣ ʜʳ ʕ tɑ⊙L ɑ¸¸ tsʙ∏tsʜɑ∫ɑʒtsʃʃtsʙlzɣ ʜ⊙ʸ ʕ ʜ¸ʷlsɣ ɑzɑ fnʃs∫. ʉ tsə¸ tɑᵉ ɑ∫ə ʕ⊙ʕ tsɣ-ɑɑ∫ʙlzʜᴵ ɑɑzʰ ¸ ɑɑ∫ɑɑsɣ ʜ¸ʕ fnʃsə∫¸ , tsɑzɣfnɑɑsə⊙ə ʃ⊙ʜ⊙¸ls ə ʙ¸ Lʜ¸ʕ fnʃsə∫¸ . ş tsɢʜ⊙⊙ɢ∫ʃ ɑɑslsɑ∫Lɑ∫tɑzɑ¸ɑʒʳ ʕ ɑ¸ɣ ɣ ɑ∫ls, ¸ɢtsɣ fnʃsfnʃstsʷ ɑɑ∫¸ ∏⊙ʁ⊙ʕlsɣ tɑ∫Lz¸ lsfnɣ tsʙʰ ¸ ʕ ⊙ʃ⊙lsɑ∫¸ ʕ, ɑʷɑɑsfnʃsᴵ ᵍ lsɣ ɑzɑ⊙ɑ∫ lzɑʒ⊙ ∫ ɑzɑ¸ɣ ɑʒsɣ ¸ ls ɑlsts-ɑɑ∫ʙts fnɑ⊙ɑʒsfnʃstsʷlsɣ ɑzɑ ʃʃtɑ¸ʜtʃɑ∫ɑ∫ɑʒ⊙lsᴵ ʙ¸ L fnʃstslsə¸ lsfnʃə lzᵍ ʰ ¸ ɢtsɣ ə ɑzʰ ¸ ɑɑ∫ʷ. ɾ fnɑ∫ɑ∫ ¸ ɑʒɑz ə ɑzʰ ¸ ɑɑsɣ ɢtsətstɑ∫lsᴵ , lsts tɑ¸ ɑ∫

ʃ ɑʃ⊐Ⓞɑʃɑzz˛ ts⁋ʷ ʷ ɟ ls

ɑzɑʃ lz ʙtsɑzʰ ɑʃɑzɑɱʃɲɔⓄɑʃɱʃʳ lslzɟ ɑʒʳ ⊐ ɠɑʃʧ ɑzɑsʟ ɔʳ ʟʳ ɔⒼ lsɱʸ ʜɑzɑʃlsɟ ɑzʳ ɑzɑs⁋ ʷ ʷ ɑʃ⁒ɱⓄuɑʃɟ⁋ ɔɑzɑʃɑʒⓄɑzɑʃʷ, ɑʒtsɑzɑslstsɑzɑzʳ ɑʒʧʃtsɔlstsʇɑ˛ ɑzɑʃɟ ɑʒtsʧʃʇɑ˛ ʜɟ ɑɟ˛ɑzɑzʳ ⊐ ʷ ʷtstɑɑʒzɑz˛ lstɑ˛ ʙlzɟ ls tsɠʇɑⓄɑzɑʃuɟ ɑzɑʃʷ ɱɲɑɑɱʃʇɑzʳ ⊐ ɔtsʟʜɟ⁋ɱʃɲɔɑʃ⁋ ɑʃ ʜɔɑʃɠⓄ˛sɟ ɑzʳ ɑzɑs⁋ Ⓢ⁒lsɑʃɔɑzɑsɱʃɲsɑʃ, lstsʳ lz ɑɟ˛⁒tslststɑʳ ⊐ ɱɲsɑʒɑzɑⓄɑʒʙlzɑzɑʃuɟ ɱ⁒Ⓞʸ ʷ ʷ ⒼlⓄɠɑʃʧ ɑzɑsʟⓄ ʜtsɱʃɲsɑʃɠⒼɟ lsɱʸ ɱɲɑⓄlz ɑʃ ʧʃtɑɑʃ ɑʳ ʙts⁋ ʷ ʷtstɑɑʒɟ ɑʃɑzɑlz⁒uɑʃɑʃ. ʌ ɟ ɑzɑsɑʒɟ ɑzɠɑʃʧ ɑzɑsɱʃɲsɑʒɑⓄɑʒʙlzɑzɑʃʟɑʒⓄlstɑ˛ ʙlzɟ ls ɔʳ ʜɟ ɑɟ˛ɑzɑʃʷ ɔ tslsʜɟ ɑʳ ɑz˛ ⁋ tɑⓄltɑʷʜ ʷɔɑɟ˛ɑzɑʃ⁋. z˛ Ⓞɑ⁒tslzlsɔɟ tɑ›ʜⓄɑz˛uɑlstsçɑʃɱɲsɑʃɑzɑzɑsɟ ɱɲɱɲɱlstsʷɑzɑʃɟ ɠɑʃʧ ɑzɑsʟⓄ ð ɻlstsɱɲsɑʒɑzɑⓄɑʒʙlzɑzɑʃʟɑʒè (

ɾ ɹ ɪ ɹ ɪ ɾ ɪ ɾ ɪ ɾ

Ольга Форш



ʃ qˉOqdzzɻ tsʔʷẇjls

ʜjɢtsʜdzʷ əfɳʃtsdʒqdɷjlsfɲʏ ʕGʕ ʕlztɛʲjʟ, ɥlststlzɥjdz jfɳ·tɷʕɢɦʃsqˈɥjfɳʕqtslsdɷsfɳʃdɷqfɲ ʕtʃjtɷʳdʒʰ ɢ·ɢGdʒ zɻ ɢ·tɷʕtstʃtsqfɲɲdʑʜtsɷ·dɷqfˠ ɢˈqtʃdɷslsqʟdʒɷ· ɾ ɢtstsʙɷqdzʷdɷqfɷ dɷ·lzɥqdɷsʔjtɷjfɳʃqtslsfɲʃslztʃdʑjdɷqtslsl stsɥqdɷsɢtsdɷ·lzɥqdɷsɢtsdʒjlstsʜɷ, lzɥjdzjfɲdʒqˈtɷtsɷʳdʒqdʒjdʑdʒtʃtsʜɷjtɷɢdɷqfjɢtstsfɲʃtɷɢʕqʟdʒʃz. ʃʜdɷqdʒqʟ dɷʕtʃɷʜɷʰqˉdɷ·zɻ ɢ·tɷʕtsʙʳdzşɢ·tɷdzʌtɷqfʜtɷqˉʃlslstsɭjfɲʃsʷẇɢ·dz (1833ð 1890) ð ɷjdɷqʕqʔdʑjdʒqʕqʔ lzɥjdzʔ, tʃtɷtsʷẇjfɲɲtsɕdʑɷtɷtsʃɢ·lstsdɷsɢˈqqˈtʃfɲʃqˉqɢ·tɷqˈq, tsfɲdɷsɷɢ·lsjdz ɹjtɷdɷqdɷfʕtsʔ ʰ ʕtsdz tʃfɲʃqˉqɢ·tɷtɷsɷ, tsʙtsɢɢ·lsqɷʰ qʔ tʃfɲʃqˉqɢ·tɷtɷqfˠ lsjtɷdʒqdɷsdʒçɢ·ɢtstɷɢ·ʷẇtsʙqʷè. "ʕlsts lzʜqɷəqˈlsjdzdɷs, ʕGʕ lsGʕtsʔ fɲjtɷʲjʟdzʔ lzɥjdzʔ, ʕdɷqdɷqˈɥqfɲʃs, ʕGʕ zɻ ɢ·tɷʕts, tʃtsʟɷtsdzʸjlsɷtsʜqˈlsᴵ fɲjʙʷ lO·dɷsfɲfɲptsqdʒkɥjʙtsdzdzʔ dʒ', ð fɲʃɢ·lɢ·dɷzljfɲʃsʷẇɢ·dz, fɲptsʃtɷtsɷtskʜO·ʸ qˈtɷtsdɷqˈɥjfɲʃlzˠ lzdz ʙʕlzkɥjfɲʃɢ·dʒqˈtʃtɷjdʑʙtɷjkɥjdɷqʷè (ɥqˈqlsɭtʃts: ʃˠ ʙqˈdɷqtsɷ, 1894).

ʂ Gʕqˉlstsdzʕtsʦtsʙɷqˈdɷjdɷqʔ dʑ tʃtstɷtsʜqˈdɷqˈɷtʃjɥqGlsqˈ dɷqˈlsjtɛ·GlszɭtɛGɷtsʔ qˈɷtsfɲʃsʙjdɷɷtsfɲʃsqˈ dɷ·lzɥqdɷs-dʒjʜqˈɥqˈqdɷfʕtsʔ qˈfɲɲdɷjʜtsɷ·dɷqfʷ zɻ ɢ·tɷʕtsɢqˈtʃdɷsL·O ʃ tsʞdɷslstsdzʕtstʃtɷjʜfɲʃs·ɷqˈlsᴵ, fɲʃtsdzʕtsdʑtʃtɷqfʷlsdzˉ dʒqˈdɷzlsLɢfɲʃs·ɷqˈdɷqˈ zɻ ɢ·tɷʕtsɢqˈtʃjtɷjʞqˈlsᴵ lsj, ʕlststsʙɷqˈdɷqˈdzjɢtsɷʰ ɢ·tɷdɷ·lsGɢdɷfʃsɷj, ʷẇGɷtɷqˈfɲjʔfɲʃsɷj qˈ tɷjʕdɷ·dʒdɷsjÊ qˈlsɭtʃ. çlɥzʞdɷsʙʳdɷslstsɢʜOqˈdʒjlsᴵ dʑjʕtslststɷtsjdʒɥzʞjfɲʃsɷts, ɥlststʙʳtʃtsʜdɷqˈdʒ·lsᴵ ɷtstʃtɷtsfɲ ts tʃtɷjʜdʒjlsj, qˈdʒjᵡʰjdʒʜlztɛdɷzᵡ tɷjtʃlzls·Oɥqfˠ, qˈqˈʜlsqˈ tʃtɷtslsqˈɷlzʕtstɷjdɷqʃɷʰ qˉfɲʃ tʃtɷjʜlzʙjʞɥjdɷqʔè,ð ɢtsɷtstɛqˈlsɥzɥjdɷqʃʕ zɻ ɢ·tɷʕts ɹ ɢ·ʙqˈdɷfʃqʔ. ljɷlqˈtɛO·ʸ dɷO·ʕtɛqˈlsqˈʕlz, zɻ ɢ·tɷʕts dʑlzfɲʃstɛG·ʰ qˈdʒtsʜjdɷ·dzfɲptsj ʜjdɷts. ɪ·Gʕtsdɷɥqˈqdɷsfɲ lsjdʒ ɥlststsdzlstɛqˈlzdʒʷẇGɷdzdɷs ɷɷjdzɢˈtʃdɷslsqˈʟdʒɷ ϕ ʕG·ʜjdʒqʃᵡ dɷ·lzʕ, ʕtslststɛO·ʸ dɷO· tʃtɷtslsʷkjdɷqˈq 100 dʑlstsfɲzkʜɷdO·jɢtsfɲlsGʕqˈdʒkjʃtɷjʟtɷjdɷqˈjʃdʒqˈlsGʕkjʙjʟGʃjdɷdzʷɥqˈtsdɷsɷ, ʕGʕ ɷjɥqdzʔ ʜɷqˈqGGlsjdz qˈʕɷGʜtɛGlslztɛdzʕtɛdzɢO

ljfɳʃɷtslstɛʷ dɷO·ʰ lzdʒʟdɷstʃʳ ˉGlsjdʑʔ, ɪ ɢ·tɛqˈkfɲʃO·ʸ dʒjʜqˈɥqˈqdɷfʃɷO·ʸ GʕG·ʜjdʒqʃʷ qˈʟʙtɛG·dzO·zɻ ɢ·tɷʕtsɷ 1872 ɢtsʜlzfɲptsqˈdʒʜjʔfɲʃsɷqˈlsjdzdzʔ dʒɥqdʑɷdɷsdʒ ʜtsʙqˈtɛG·dzGfɲ ɬlsts fɲɲjdɷGlsᴵ qˈʌtɛG·dɷɥlzʟfɲʃO·ʸ GʕG·ʜjdʒqʃʷ dɷG·zʕ. ʃʜdɷGʕtstʃjɥqGlsdzjɢdzdʒdʑjdɷqʃʷ dɷO·ʜ dɷqˈdʒdʑjfɲʃtsdzʕtstɛO·ʟʷɷdzʷdzqˈfɲ tʃtɛqˈɥqˈqdɷsʔ tslsfɲptsɥʕqˈjɢts qˈʟʙtɛG·dɷqʃʷ. ɪ tɷtsʰ dɷsʜtsdɷɢˈqˉtsʜqˈdɷdɷO·ʜɥqGlsᴵ dʑjls, qˈdɷGʕtsdʑjɥqɷ 1883 ɢtsʜlz zɻ ɢ·tɷʕtsqˈʟʙqˈtɛGʃjdɷqfɲʃʸ ɥqdʑjdɷsdʒ lɭOɥqˈtsdɷGdzdɷsʔ OGʕG·ʜjdʒqʃqˈ.

ɪtsdɷslstsʔ ɷjʕɢˈqtʃdɷsL·O(1880ð 1890) fɲptɷʃG·dzfɲtʃjtɛqˈtsʜtsdʒtɛGfɲjɷjjlsO·ʷẇtɛG·dɷqʃʟʃfɲʃsʔ dʒjʜqˈɥqˈqdzˉ. ʃlᵡ lstslstʃjtɛqˈtsʜ zɻ ɢ·tɷʕtsɭzʜG·dɷsfɲ qˈfɲɲtʃtɛG·ɷqˈlsᴵ tɷjtʃlzlsO·ɥqfˠ ɢˈqtʃdɷsL·O ɪ tɷtsqˈLtsʰ dɷsᵡ lststʃtsfɲqdʑ lstsɢts, ʕGʕ ɷ 1882 ɢtsʜlz zɻ ɢ·tɷʕtsʃtɷjʜfɲʃs·ɷqˈdzɢˈqtʃdɷsL ɷ ʕO·ujfɲʃɷjfɲptsdʒ·lsqfɥjʃtsɢts ʷɷdʑjdɷqʃʷ, lstsjfɲʃsᴵ dɷ·Oʰ jdz, ʕGʕ jdʒzʕO·lG·dɷsfɲj, ʷẇqˈLqˈɥjfɲʃqˈjʃtɷqˈLdɷGʕqˈɢˈqtʃdɷsL·O ɪ tsfɲptsdʑjʜdʑjʃtsdʒsGdɷstɷjO·ʙqˉ-

ɑʃɑʒjlsᴵ ʜɑzʷ ɑʑOzʕɑʃ, ɑʃ fɳɳʃɑʑsʔ fɳɔtsjɠts OɔlststɑʃlsjlsoʜOɑzjɑʒz tʃtɑO⊐tsɑzOtʃtsɑzzuj ɑʑʃj ɠtɑO↳ʜOɑzɑfjɔsO ʊtsɑzʕts
LOtsʜɑʑs↓lsts ɑʃfjɔststɑʃʷ, ɔjtɑtsʷlsɑʑs, tʃtɑtsfjɔsɑʃlsj ɑʒz tʃtɑʃLɑʑOɑzɑʃj ɑʒɑzʃɑʒtsɑʒjuj ʙɑzɔ⊐fɳɳjʜfjɔsɔ ð
ɑʒjlsOɑzɑtslsj tɑO↳ʃɑʃ ɑʃ ɑʒOɠɑzʃlststlsj tɑO↳ʃɑʃ.

ʜlstsɑʃlsj ʰ j fʃʕOLOlsᴵ, ulsts ɔ 1888 ɠtsʜlz, fɳɳʃlzfjɔsʷ 48 ɑʒjlstʃtsfɳɑʒjlstsɠts, ʕOʕ OʕOʜjɑʒɑʃjʔ ʙʳ ɑzLOʕtɠʳ ls
ɔtstʃtɑtsfɳtsɑʒOɠɑʒjlsɑʃujfʃʕtsɑʒʷʷɑzɑʃjfɳɳtstɠ↴ OɑɑʃɑʃkfʃʕtsɠtsɑʒjʜɑʃuɑʃɑʑfʃʕtsɠtsʷʷOʕlzɑzlsjlsO,ɠɑzOɔɑzʔ
ɑʃɑʑɳjʕlststɠfɳOɑzɑʃlsOɑɑzʔ⊐lzutɑjkʜjɑʑɑʃʔ ɸ.↴tɑzʃtɑtsujɑzɔ ∫ jʜɑʃuɑʃɑʑfʃʕtsʔ OʕOʜjɑʒɑʃɑʃʜtsʕɑzOʜ.∫ ʙ↓lstsɑʒ
ʜtsʕɑzOʜjɠtsɔtstɑʃɑʑɑʃ, ulsts tsɑzzɑʑOfjɳstsɑzʕtskjtslsɑʑuOɑzɳʷɠɑzzʙɑʃɑʑsᵏ ɑʒʳ fɳɑzɑʃ, ɑʑOfʕtsɑzʕts ð ʕtɑOfɳɳslstsᵏ
fɳɑzsɠO↴tɑtsʷʷjfɳɳtstɠ↴tɑzɔujɑzsɑʒtʃtsʕOLOɑz,ulsts çɔtstʃtɑtsfɳtskɑʃɑʑsɑʒɑʒOɠɑʒjlsɑʃLɑʒjʜOɑzjʕtsjʰ jɑʒjɑʃ
ɑʃfɳujtɑʃʃOɑz,ɑʑstʃtsfjɔsOɔɑzjɑzzlstsɑzʕtsɑʑOʙtsɑzjjlsɔjtɑʜlzᵏ tʃtsuɔlz.∫ OɠɑzjlsɑʃLɑʒlstsɑzʕtstʃjtɑjɑʒjɑʑɑʃɑz
ɑʑOLɔOɑzɑʃj, lsjtʃjtɑᵗ tsɑzzɑʑOLʳ ɔO↳lsfɳʷ ɠɑʃtʃɑʑslsɑʃLɑʒtsɑʒ ɑʃ tʃjtɑjɑʒjɑʑOᵘ lsOɑʃɑzjjlsʙtsɑzʰ tsjLɑʑOujɑʑɑʃj, lsOʕ
ʕOʕ ʙɑʑOɠtsʜOɑɑʷjʔ ɑzjɔjtɑɑʑOʷ lsjtstɑʃʷ ts ʕOʕtsʔ-lstskɑʃHtsfjɔsɑʃ(ʷʷɑzɑʃɑHj.ð ɸɔlststɑ∫.z,.),
fɳzʰ jfjɔtsɔOɑzɑʃj ʕtslststɑsʔ ɑzɑʃʕlstsɑzjɑʒtsɠʜtsʕOLOsᴵ, LOɑzjɑzʷjlsfɳʷ tʃtɑtsfjɔsʳ ɑʒlzujɑʑɑʃjɑʒtsʙtsfjtsʙjɑʑɑzsɑʒ
fɳɑzjɑ, ʕtslststɑʳʔ ɑʒtskɑjlsʙʳ lsᴵ ɔʳ LɔOɑzɑʒɑzsɠɑʃɑʒɑʃè.
ʀfjststɑʃʷ∫ jfɳɑzjtɑOtʃtsʕOLʳ ɔO↳ls,ulsts ɔtsʜɑʃɑzʃtɑjʕtɑOfɳɑzʔ ʜjɑzɑ lsj kjfɳɑzɑʒ jɑzʸ ʜɑʃtslsj⊐kjfɳɑzɑʒ⊐
ɔjʰ OʕɑzOuɑʃɑzOʷ lsʜlzɑʒOlsᴵ fɳtsɔjtɑᵗ jɑʑɑzsɑʃɑzOujɑ.ʂOʕfjʕOLOɑzɸɑzʙjtɑlszɑ ɔjʔujtɑ:çʜlzʜᴵʙOɔfjʷʕtsʔ
ɑʃfjtsɑʃɑzɑ fɳɑzOuɑʃɑzOʙʳ lsᴵ tsfɳɑzjʷɑʑsʔ,OʃtslststɑʒlzkjtʃtɑʃLɑʑOɑzɑzsʔè.ɾtsʕlststɑ∫jfɳɑzjtɑfjtsOɑzuOfjtsᴵᵏ
ɑʃfjststɑʃɑʃ,OɑʃfjtsɑʃʷʷʕOʕɑʃLɔjfjtsɑzsɑ,ɑzjlzɑʒʃtɑOjlsɑ.ʅtsʕlststɑsʙfjtsʷlsjɑzfjtsɔtsɑzjʰ Oɑzs
tʃtsfɳɑzjʜlzᵏ ʰ ɑʃɑʒɑʃfjɳɑzjʜtsɔOtsjɑzɑʒɑʑOᵘ ɔOtsᴵ ∫ jfɳɑzjtɑOO↳Oɑzsᵏ tɑʃfjtsɑʒ∫ɑzɑʃɑʃfjtsɑʒɑʃLstsɠts,ulsts
lzujɑzʔ ʜtsɑzkjɑzʃtɑtsɔtsʜɑʃlsᵘ ↓ʕfɳʃjtɑʃɑʒjɑzsᵉ ɔʕOʙɑʃɑʒjlsɑzsʔ lsɑʃʰ ɑʃ,ʙjLtʃtsɑʒʃʳ ɑʃʰ lzɑʒOʃjfɳɑzjtɑ↳kjj,
ɔfɳʃjɑzfɳʃjujɑʃʷʷɑʃʕɑʃtʃfɳʃ⊐tsljtɑOʃɑʃ,ɑzʙɑʃɑzfɳʃLʜO↳Olsᴵʰlzɑʒʃ⊐lzɔtsʕtɑzɠʳfɳɔtsjʔtɑO↳tslsʳ,LO↓lstsjɠts
ɑʒjfɳʃtɑO↳jʜɑzʃɔtsɑʑOɔOɑzɑʃ O↳Oɑzsᵏtɑʃfjststɑʒ ʂtɑtsɑzj↓lstsɠtstsfjʕtɑ↳ɑʃlsjɑzɑʑsɠtsʃtɑtsLɔɑʃʰ O,ɔfjj
ɑʃɳujɑʒjɑzɑʃʷ∫jfɳɑzjtɑOtslsɑʒjfɳɑzɑʃʕ ɑʃfjjtɑʃɑʃ.↴tsLʜɑʒjj,tsʃtɑtsɑzjlsuʃɔtsfɳɔwLO↳ɑʃfjjtɑʃᵏ ɑʃɠɑʃtʃɑzsL,
ʕtɑʃlsɑʃʕɑʃtɑjʰ ɑʃɑzɑʃ,ulsts ɠɑʃtʃɑzsLtsɑʒɑzsᵏɑzsɑʒjɑzsɑʃʰ ɑʃfjjtɑʃujfʃɑʃ⊐ʙtsɑzɑzʔ⊐.ʊOʕ,ɔ
çtʃjuOɑzɑzsʔ tʃtsɔjfjjsɑʃè ts ɠɑʃtʃɑzsLjɑʑOfjjslzʃɑʃɑzɑʒjtʃtɑtsʜlzʕlsɑʃɔɑzʔ ↓lsOʃ:ɠɑʃtʃɑzsL fɳᵂLOɑzɑʃ fɳɑʃfjjtɑʃjʔ ɑʃ
ɑʑOLɔOɑzɑʃjɠtsɑʃfjjtɑʃujfʃɑʃɑʒjɔtɑsLtsɑʒ

ʏlstsʙʳ tʃtsɑzʷlsᴵ tʃtɑʃujɑʃɑzz↓lstsɠtstslstskʜjfjjsɔjɑzɑʃʷ,ɑʑOʜtsɔɑzɑʃɑʒOsjɑzɑzsʃtsfɳʃjʕslstɑjlsᴵ ɑʑOɑʃfjjtɑʃᵏ.
ʊjɑʒʙtsɑjjulsts ɑjɔtsLɑʒskɑzsɑʃfɳ

[illegible]

[illegible]

3. [illegible]

[illegible]

[illegible]

[illegible]

* [illegible] 1896 [illegible] (Freud, 1956, [illegible] 144).

[illegible]

[illegible]

[illegible] 1923 [illegible] (Freud, 1923, [illegible] 192). [illegible]

[illegible]

* [illegible]

fnʃqʃ¬ ʕtɛlzɢʘ¬. ɹ ʉjɻ dzʂdʒʃ ɻʔdɸɻtɛls, ʕʘʕ qʃ zˌ ʘɛ⁼ʕts, fɲɻqʃlsʘɛlzɢʃqʃʃdzʂsʟ dɸɻətɛʂsʟtsdʒ, qʃfnʃʕlzfnfɲʂəɻdɛdzʂʔ qʃfɲʂjɻtɛqʃɻʔ, ʘdɸɻʕtslststɛʳ ɻ ʃʃtɛʂsʷədɸɻdɛqʃʷ qʃfɲʂjɻtɛqʃqʃ tstʃtɛjɻнɻdzʷdzʕʘʕ fɲʃtsdzʂʘɛlzʷ ʔ ɢʃqʃʃdzʂsʟ. ɻ tɛʂsᵂɻ fɲɲtstɛ ʃ ɻʔdɸɻtɛls dzʃfɲʂtɛʂsqʃdzəɻfᵑ ʘəfɲʂtɛqʃʔfnʃqʃʔ dʒʃɻнqʃʉqʃdzfnʃqʃʔ dʒʃtɛʃʃtɛʂlsqʃə ʌ tɛjɻʔнʘ, əʳ fɲɢʃʒʷəɻɢtsdzʘ dɸɻʕʉqfʷ¬ə ʃ ɻнqʃʉqʃdzfnʃtsdʒtsʙʰ ɻfɲʂəɻqʃdzʘfɲʂtɛʘɛlzɲʃqʃ¬dʒʃнqʃʉqʃdzfnʃtsɢtsɤlztɛdzʘɛlzʘ ʂtɛqʃlsqʃʕʘlsʘʕtsɢtsʘəlststɛqʃlsʃlsdzʂɢtsɹlzʉjɻdzʂsɢtsɹʕʘʕ ʊjɻtsнtstɛʃ ɻʔdɸɻtɛls, dɸɻ dʒʂsɢdzʘdɸɻ lztɛtsdzɛʃlsᵍ ɢɢqʃʃdzʂsʟ ə tsʙʰ ɻfɲʂəɻdzʂdzʂdʒdʒʂdzɛʃqʃ. ʌ tɛjɻʔн dzʘᵑ ɻdzfɲɸlzʉʘʔ tslstɛjɻʘɢɢqʃtɛtsəʘlsᵍ dzʘdzʂʃʘнʕqʃ ʃ ɻʔdɸɻtɛlsʘ, ʕtslststɛtsɢtsfɲɻqʃlsʘɛlzɢʃɻdzʂqʃʘɛlzᵑ dzᵡ dʒdɸɻʔtɛtsᵂʷ qʃʟqʃtsdzʂsɢtsdʒ dzʂdɸɻʔtɛtsᵂʷ qʃʟqʃtsdzʂsɢtsdʒ ʉtsfnʃʂjɻнfnʃəɻdzᵡ dʒʃfɲʃ¬qʃʘstɛtsdʒ ʉtsfnʃʘədzʷʷ tsʙʟtstɛ ʕdzʂɢʃqʃ ç,ɻ qʃʃdzʂsʟèʃ ɢᵍᵡ fnʃʘʌtstɛjɻdzʷ, ʌ tɛjɻʔн ʕtɛʘlsʕtsqʃʟdzʂsɤlqʃdzɻjɻ fɲʂнɻjɻtɛɤlʘlzʂjɻqʃə ʟGʕdzᵡ ʉjɻdzʂjɻ dzʘʃqʃfɲʘlzᵡ çɾ əqʃɤɻjɻdzʂjɻ, fnʃʘɛʘᵑ ʰ ɻjɻfɲʷ əəɻfnʃsqʃ dɸɻʉjɻdzʂjɻ ʃʃtsfɲɸjɻнfnʃəɻtsdʒlzʙɻjɻɤlнɻjɻdzʂjɻʷ ə lsjɻtɛʘʃjɻəlsqʃʉjɻfnʃqʃʔ ʘɛefɲjɻdzʘdzʘdzʂjɻнqʃʉqʃdzᵡ, нtsʙqʃəʘɛdzʂsfɲᵑ lzfɲʃjɻ¬ʘə нtɛlzɢʘ¬ fnʃstɛʘlzʘ¬ qʃəfnʃtstɛjɻ нtsʙᴵɻlsfɲᵞ fɸtsjɻʔ ʉjɻdzʂqʃə ɹɻjɻtɛdʒʘlzʂqʃ qʃɹjɻdɸɻè. ɾ ʘlɸɻjɻ tsdzʕtsʙtɛʘᵑ ɢjɻlsədzʂqʃdʒʘlzʂjɻ ʉqʃlsʘlsjɻdzᵡ dzʘᵁ fnʃʘʃʘнʳ ʃ ɻʔdɸɻtɛlsʘ, ə ʕtslststɛʳ ¬ʌ tstɛjɻdz tsʙəqʃdzᵡɻlsfᵡ ə lstsdʒ ʉʃstsdzʃtɛqʃʙɻɢɢjɻlsçʕ lzdzsəʕʘlʒqʃʕdʒqʃʕdzʘdzʂʉqʃdzʂdʒz tsʙtɛʘlzdʒ fɲɸjɻʔè. ɹ ᶩlstsʔ fɸᵂʟqʃ ʌ tɛjɻʔн ʃʃtsʟətsdzʂqʃdzfɲɻʙɻ əʳ ʃʃʘнə ʘнtɛjɻfɲlzʉqʃʃlsɻjɻdzᵡ: çʕ tsɢнʘfɲɸjɻнqʃ tstʃʃtsdzɻdzʂtsə tsʕʘlʳ əʘᵑ lsfɲᵞ dzᵡ нqʃətɛtsнɻ fɲɸəɻlsdzʂʕʘʃ ɻʔdɸɻtɛlsʘ, ʟʘətsɻəʘəʰ ɻɢtsfɸtsqʃdʒʃ tʃɻʉʘlsdzᵡ dʒʃ tɛʘʙtslsʘdʒʃ ʙtsdzʰ tsʔ ʘəlststɛqʃlsɻjɻls... ə lsʘʕtsdʒfnʃqʃʉqʃʘʃ нɻjɻdzᵡ ɢqʃʃdzʂsʟʘdzɻqʃʟʙɻjɻʘʕlsʘʕtsdzᵡ ɹtsdzʰ qʃdzfɲɸəlzᵡ dzᵡ нɻjɻʔ lstɛzнdzʂtʃʃtɛjɻнfnʃəʘəqʃlsᵍ fɲɻʙɻ, ʉjɻstsʙʳ lzʉjɻdzᵡ ʔ fɲʙtsdzʰ qʃdʒtsʃʃʳ lstsdʒəɻdɸɻʕtslststɛʳ ¬tsʙdzʘfɲɸsᵂ¬ɻdɸɻətɛtsʃʘlstsdzɢʃqʃ, ʃʃtsʕʘlʘəʰ qʃʔ fɸtsᵍ ʃʃtɛtsdzʂʃʉʘlsɻjɻdzᵡ dzʂfnʃsᵍ, ʃʃtsdzʘɢʘdzətsʟdʒʂsɤlᵡ dzᵡ dʒнdzᵂ fɲɻʙᵂ dɸɻ fɲɻqʃlsʘlsᵍ fnʃᵞ fɲʘəlststɛqʃlsɻjɻlsʘdʒʃ ə нtɛlzɢʘ¬ tsʙdzʘfɲɸsᵂ¬è.

ɭ ɻjɻʃtsdzʂqʃdʒʘdzʂjɻ ʌ tɛjɻʔнʘfɲʂ fɲɸststɛtsdzᵡ əɻjɻdzʂʃʕqʃ¬ ətɛʘʉjɻʔ, dzʘ¬tsнʕqʃəʰ qʃ¬fnʃᵞ ʃʃtsн ədzʘfɲɸsᵍ ᵡ ᵂqʃʟqʃʕts-¬ʕqʃdʒʂʃʉjɻ fnʃʕtsɢtsнɻjɻlsɻjɻtɛdʒʂʃdzᵡʟdʒʘəнlzᵡ¬jɻʰ ʕtsdzᵡ ɹɻjɻdzᵡdʒɢtsdzᵡ ʉʘ) dʒʂsɢdzʂtsʃʃtɛjɻнqʃlsᵍ ɻjɻɢtsʙlzнlzʰ ɻʔʕʘɛᵍ ɻjɻtɛj. ʕlsʘçtɛʘнlzɤlzʘᵞè ʃʃɻjɻtɛfnʃɻjɻʕlsʕəʘəʳ ləʘdzʘə dɸɻdʒʕʂdzʂʕtsʉlzʰ lzᵡ нtsfɲʘнlz. ʃ нdzʘʕts dɸɻ lsʘʕtsə ¬ʘɛʘʕlsɻjɻtɛʌ tɛjɻʔнʘ, ʉjɻstsʙʳ tslsʕʘlʳ əʘlsᵍ fnʃᵞ tslsfɲɸtsʕ¬ qʃнɻjɻʔ, нʘɤɻjɻ dɸɻəlqʃtɛʘᵞ dzʘətsʟdʒʂsɤlᵡ dzᵡ ɻʃʃtsfɲɸjɻнfnʃəʕqʃʷ. ʃ tsɤɻjɻlsʙʳ lsᵍ, lsʘʕʘᵞ fɲʃlszʘʉqʃʷ dzᵡ fnʃsqʃdzʘʌ tɛjɻʔнlz, tstʃʃtsʟqʃʉqʃtsdzɻtɛlz tslsʃʃtɛqʃtɛtsнʳ . 2 ᵂɻjətɛʘlzʷ 1886 ɢtsнʘtsdzʃʃqʃfɲʘlzqʃʟ ɻ ʘɛqʃɤʘdzɸɻəɻfnʃsɻ: çʊ ɤɻjɻ əʰ ʕtsdzɸɻʷ əfɲɻjɢнʘʙʳ dzfɲɸjɻнqʃ fɲʘdʒʳ ¬ нɻjɻtɛʟʕqʃ¬ tstʃʃtsʟqʃʉqʃtsdzɸɻtɛtsə. ʗ dzɸɻqʃʟdzʃdzᵡtsəʳ fnʃslzʃʃʘlzəʟʘᵑ qʃlslzʕʘʕtsʔ-dzᵡʃʙlzнʳ ʕtɛʘʔdzɸɻʔ qʃнɻjɻqʃ, ʕʘʕ ʃʃtɛʘəqʃdzʂs, ɢtslstsə ʙʳ dzʃʃdʘslsqʃlsᵍ lʘᵘ lsts... ʃ dzɸɻ ʉʘfnʃsts ʕʘlʘdzʂsfɲɻ, ʉjɻsts ʷ lzdʘfnʃɸjɻнtsəʘdzнlz¬ dzɸɻ-

(Nassif, 1977).

(Breuer und Freud, 1895, s. 268)

(1926, ss. 418–433), als sie [...] (Freud, 1933, ss. 59).

(Lewis und Lowen, 1977, s. 217–244).

(Reich, 1942). [...] (1897–1957), [...] (Freud, 1895, ss. 313–342), [...]

¸lsfʸ tʃtɛʷdʒʳ dʒɔɑ∫ʟɑdzzuɻ dzɑ∫¸dʒʏ|ɑ∫ʟɑdɸ¸dzɑzs?ˡ dɸ¸tɛɑ∫ɑ∫ ʟ⊙dzsɔts ʟ⊙tɛʷʜɑ∫lsᴵ ɑ∫fɳstsʰ ¸dzɑzʓ ? ɑ∫ˡ dɸ¸tɛɑ∫¸lsɑ∫uɻ fɳʃɑ∫ tstʃ∫zfɳstsʰ ¸dzɑzʓ ? tstɛɑ∫⊙dzɑ∫ʟɑdʒʙtsdz dzsɑ∫ts tɛ⊙ʃtsdʒ(Reich, 1948). ʈ ⊙?⊓, fɳstɛ¸dʒɔɸ¸dzɑ∫¸ ʃtslststɛtsɑ∫ts dzɑ⊙ʃtɛ⊙ɔdɸ¸dzɑs dzɑ⊙lsts, uɭstsʙʳ tʃtɛ¸tsʙtɛ⊙ʟtsɔ⊙lsᴵ ʷtɛ¸?ʜtsɔfɳʃtsj ¸zuɻ dzɑ∫¸ ts dzɑ∫ʙɑ∫ʜts ɔ ʙɑ∫tsʷɑ∫ʟɑ∫ʃz, tʃtsɔlststɛʷ¸lsˡ dɸ¸tɛɑ∫¸lsɑ∫uɻ fɳʃz¸ʁ ʃtsdzɑuɻ tʃuɑ∫ʁ ∫ ¸ fɳɑ∫ʒ¸tɛ⊙ dɸ¸ ɑ∫tsɔtstɛʷ ts dɸ¸dʒdzɑ∫ fɳɑ∫tsɔ⊙ ∫ dzɑ∫tʃtɛ¸ɔtsfɳʃtsʜdʒɸ¸ʜdɸ¸ɑ∫ts lstsdzʃtslsj dʒ uɭstsʓtslsj dzʙʳ fɳʜ¸ dɑ⊙lsᴵ çtstɑ∫tsdzè ɔɑ∫ʜɑ∫dʒʳ dʒɑ∫ tsfɳʸʟ⊙¸dʒʳ dʒ ʈ fɳɑ∫ɑ∫ ∫ ¸ fɳɑ∫ʒ¸tɛ¸ʰ ¸ ɔ ɑ∫ʟɔ¸j fɳstsdzʃ dʒ¸lsO ʷtstɛ¸ ɑ∫tsɔtstɛɑ∫ls ts ɑ∫dɸ¸ɔɑ∫ʜɑ∫dɑ∫tsdzè tsɑ∫dɸ¸, ʃtslststɛʳ ? dɸ¸ ɔtsfɳʃtɛɑ∫dzɑ∫dʒ⊙¸lsfɳʸ tsʙʳ uɭdz dʒɑ∫ tstɑ∫⊙dzɑ⊙dʒɑ∫ uɭzɔfɳstɔ, ʈ ⊙?⊓ tʃtɛʷdʒʃs ɑ∫tsɔtstɑ∫ls ts ɔtsfɳʃtɛɑ∫dzɑ∫dʒ⊙¸dʒʃs? ɑ∫ ɑ∫ʟɑdʒ¸tɛɑ∫dʒʃs? ɑ∫ˡ dɸ¸tɛɑ∫ɑ∫ çtstɑ∫tsdzɑ⊙è.

ʃ lsɑ∫ ʃtɛ⊙lsʃɑ∫¸ ʟ⊙dʒ¸uɭ⊙dzɑ∫ʷ tslsdzsfɳɑ∫ls¸dz dzs ʃtsdzɑuɻ tʃuɭɑ∫? ʌ tɛ¸?ʜ⊙ɑ∫ ʈ ⊙?⊓⊙ʜtsdzɳ dzˬ lstsdzʃtsʃtʃzdʃ⊙lsɑ∫tɛtsdʒ zʃ⊙ʟ⊙lsᴵ, uɭstsʃtsfɳdzsɔ⊙ls¸dz dzˬ ? ⊙dzɑ⊙dzɑ∫ʟ dʒ¸fɳʃ¸tɛɑ∫ʟdʒ⊙dʒʃsɤ¸j lsɑ∫dzls¸tɛ¸fɳdzs tsfɳɔ¸lsɑ∫lsᴵ ʃtsdzɑuɻ tʃuɭɑ∫ʁ fɳɔ⊙tɛ¸dʒ¸dzdzs? tʃfɳɑ∫⊓tsls¸tɛ⊙ʃɑ∫ɑ∫, uɭstsʃtsʟɔtsdzʷ¸ls dzˬdʒɑ∫fɳststɛɑ∫uɻ fɳʃɑ∫ tɛ⊙fɳɑ∫ʃʒslstɛ¸lsᴵ ʃ⊙ɤʃzʰ ɑ∫¸fɳʸ fɳ⊙dʒʃs fɳʃʙts? tɛ⊙ʟzdʒ¸ʁ ʰ ɑ∫dʒʃfɳʸ ʙ⊙ʟtsɔʳ ¸ tʃtɛ¸ʜtʃtsfɳ dʃɑ∫ ɑ∫ tslsʃdzsdɸ¸dzɑ∫ʷ (ʃ⊙ʃ, dzɑ⊙tɛɑ∫dʒ¸tɛ, ls¸tstɛɑ∫ʷ tʃ¸tɛ¸dzsfɳ⊙ ɑ∫dzɑ∫ ls¸tstɛɑ∫ʷ tstɛɑ∫tsdzɑ⊙) ɑ∫ ls¸dʒʃfɳ⊙dʒʳ dʒtʃtɛɑ∫ʜ⊙lsᴵ ɑ∫dʒ⊙ʃlsz⊙dz dzsfɳlsᴵ .

ʜ ɑ∫fɳls¸dʒ⊙lsɑ∫uɻ fɳʃts¸ ɑ∫fɳ⊙dɸ¸ʜtsɔ⊙dzɑ∫¸ ɑ∫fɳststɑ∫uɻ fɳʃtsɑtsfɳʃʜ¸tɛɤ|⊙dzɑ∫ʷ dʒʃʜ¸dzɑ∫ tʃ¸tɛ¸dɸ¸fɳ¸dzɑ∫ʷ ɑ ʃtsdzɑstɑʃ¸tɛ¸dɸ¸fɳ¸dzɑ∫ʷ ɔ tʃfɳɑ∫⊓tsɔ⊙dzɑ⊙dzɑ∫ʟ¸ ¸ʰ ¸ tʃtɛ¸ʜfɳstsɑ∫ls. ɪ ʜ¸fʰ lsj¸tɛ⊙ʃ¸ɔlsɑ∫uɻ fɳʃ⊙ʷ ʃtsdzɑuɻ tʃuɭɑ∫ʷ ¸ ɑ∫ʟ⊙dʒʃsfɳʁʷʟɑ∫ ⊙dzɑ⊙dzɑ∫lsɑ∫ʃ⊙ɑ∫ ⊙dzɑ⊙dzɑ∫ʟɑ∫tɛdz¸ dʒʃsɑtsɑ∫ts. ʈ ¸ʃtsdzɳstɛdzʃuɭɑ∫ʷ ˡ dɸ¸tɛɑ∫¸lsɑ∫uɻ fɳʃɑtsɑ∫ts tʃtsʜ⊓tsʜ⊙ʃ ¸ fɳɑ∫ʒ¸tɛ⊙dʒʃsɑ∫dzɑ⊙ʙʳ tʃts-dzsɔtsdʒz tsfɳɔ¸lsɑ∫lsᴵ ʷtɛ¸?ʜtsɔfɳʃɑ∫¸ tʃtsdzʷlsɑ∫ʷ çʷ ɑ∫ʟɑ∫uɻ fɳʃts? ˡ dɸ¸tɛɑ∫dɑ∫è ɑ∫ çdzɑ∫ʙɑ∫ʜtsè, tsfɳʁʙ¸ dzɑzs ˡ lsts ʃ⊙fɳʃ¸lsfʸ ɑ∫⊓ ʟdzɑ⊙uɻ dzɑ∫ʷ ʜdzʸ tʃfɳɑ∫⊓tsɔ⊙dzɑ⊙dzɑ∫lsɑ∫uɻ fɳʃts? lsj¸⊓dzɑ∫ʃɑ∫, lsɑ∫ uɭstsɔtsʟdʒʃsɤ dzs, tʃtsʷɔʷlsfʸ tsʙʰ ɑ∫¸ ʜdzʸ dʒ¸ fɳʃ¸tɛɑ∫ʟdʒ⊙ɑ∫ tʃfɳɑ∫⊓tsɔ⊙dzɑ⊙dzɑ∫lɑ∫⊙dzɑ⊙¸dʒʃ⊓⊙dzɑ⊙dzɑ∫ʟɑ∫dʒʳ ʜ¸ʃ?fɳɔɑ∫ʷ. ʌ tɛ⊙dzɑ⊙¸lzʟfɳʃɑ∫? ɑ∫fɳ⊙dɸ¸ʜtsɔ⊙ls¸dz ʈ . ʈ lzʟɑ∫-dzsdzɔ ⁻ 6 ɤ|lztɛdzɑ⊙dzɑ⊙ɔçRevue Francaise de Psychanalyseè ʟ⊙1984 ɑtsʜ tsʃ¸lzʙdzɑ∫ʃtsɔ⊙dzfɳɔ⊙lsᴵ ʁ tʃtsʜ fɳɑ∫dʒɔtsdzɑ∫uɻ fɳʃɑ∫dʒdzɑ⊙ʟɔ⊙dzɑ∫¸dʒçʃ ls¸uɭ⊙dzɑ⊙ʃ ¸ fɳɑ∫ʒ¸tɛ⊙ʃ¸ uɭ⊙dzz ʌ tɛ¸?ʜ⊙è, ɔ ʃtslststɛtsʃ tʃtɛtsfɳɸ¸ɤ|ɑ∫ɔ⊙¸ls tʃtɛ¸ʃ¸dʒfɳʃɔ¸ɔdzɑzsfɳʃᴵ ɑ∫ʜ¸ʃ (Roussillon, 1984, tɛ. 1363ð 1383).

ʊ¸tɛ⊙fʃ¸ɔlsɑ∫uɻ fɳʃɑ∫¸ lsj¸⊓dzɑʃʃɑ∫ (ʙɑ∫tsᴵ dɸ¸tɛɑ∫¸lsɑ∫ʃɑ∫ ɑ∫ ɑ∫¸ʰ lsɔ⊙dz lsls¸-tɛ⊙fɑ∫ɑ∫), dzɑ⊙⊓tsʜʷʰ ɑ∫¸fɳʸ ʙtsdɸ¸ʃ ɑ∫dzɑ∫ dʒɸ¸dɸ¸ʃ tʃtsʜ ɔdzɑ∫ʷdzɑ∫¸dʒʈ ⊙?⊓⊙) dʒtsɑ⊙dzɑ∫ ʙʳ uɻ tɛ¸ʟ ʙtsdɸ¸ʃ lsʰ ⊙ls¸dz dzs¸ ɑ∫ʟzuɻ dzɑ∫¸ dʒ¸fɳʃ¸tɛtsɔfɳʃtsɑtsdzɑ⊙fɳʃʜɑ∫ʷ tʃtsdzzuɑ∫lsᴵ dzs ɔʳ ʃ ɑ∫fɳststɛɑ∫uɻ fɳʃɑ∫¸ ʃtsdzlsztɛʳ ɑ∫ ls¸dʒfɳ⊙

dｽ dｽ əｳ qﾌﾃtﾑ･･ｸlsｳ ə lsｊtstqｊ lsqﾌuｊ fﾊ§tsｲ tsfﾟstﾑtslsｊ . ∫ tsｽ(dｿs tﾟtqｊ нtﾟtsdｿsｽ(qﾌlsｳ , ｭlsts tﾟtﾑqﾌ tstﾟtqｊ нｊ dｿｊ dｿdｿ ﾆ tsʙfﾟstsʷlsｊ dｿ fﾟsəｵ･ﾆ tsls нqﾌ･dｿsﾃ･fﾟdｽj fﾟdｽj tﾑqﾌLdｽsdｽdｽsﾃdｿ ʙｳ qﾌfﾊ§tsнqﾌlsｳ qﾌdｽﾟlzdｿ fﾟ , əｵ･(dｿ ｊ нdｿʷ ｨ§fﾟｊ tﾑqﾌdｽj dｿsｵ･dｿ dｿsﾃts qﾌfﾟfﾟdｽj нtsə･dｿqﾌʷ fﾟsətqｊ dｽj dｿdｿsｲ tﾟfﾟqﾌ§tslsｊ tﾑ･ﾃqﾌqﾌ.

ʊ lsəｊ tﾑ(нｵ･ʷ ʷ qﾌLqﾌuｊ fﾊ§lzｸ tqｊ ･dｿ dｿsfﾟsｳ tﾟfﾟqﾌ§qﾌuｊ fﾊ§tsｲ ｨ dｽtﾑﾃqﾌq, t ･ｲ§ tﾟtqｊ нｊ dｿ dｿs tﾑ･fﾟｈ qﾌtﾑqﾌdｿtﾟtsdｿʷlsqﾌｊ dｿqﾌʙqﾌнts qﾌ fﾟ§tsdｽ(･1930-§ ﾃtsнtsə tﾑ･1əqﾌdｿfﾟtsｊ tsʙtﾑ･Ldｽsｊ dｽ･lsztﾑʷ qﾌdｽsfﾟtsʷ fﾊ§tsｊ lzuｊ dｽqﾌｊ tsʙ lzdｽqﾌəｊ tﾑfﾟ･dｿ dｽsｲ §tsfﾟqﾌdｽqﾌuｊ fﾊ§tsｲ ｸ qﾌLdｽ dｽdｽsｲ ｨ dｽ tﾑﾃqﾌq, dｽ･1əﾃdｽdｽsｲ qﾌdｽçtstﾑﾃ･dｽsdｽè . ｌ 1960-§ ﾃtsH･ﾆ qﾌнｊ qﾌ t ･ｲ§･Oʙr dｽqﾌ ətsfﾟﾟtﾑqﾌdｽʷlsr dｽ･ﾊ ･ﾟ･Hｊ нəqﾌｸｊ dｽqﾌｊ dｽlsｵ§ dｽ･Lr əｵ･ｊ dｽ ﾆ dｽsər ﾆ dｽ ər ﾆ,

tsʙj ʷəqﾌəʰ qﾌﾆ ｊ ﾃts fﾟtsqﾌdｽqﾌнｊ tsdｽsﾃtsdｽ ɹ lztﾑdｽ･ʸ dｽ･lzuﾃdｽ･ʸ §･ｵ･ｊ tﾑ･t ･ｲ§･ｲqﾌ dｽﾃ･fﾊ lstﾑ･ﾃqﾌuｊ fﾊ§qﾌ.

∫ dｽfﾊ･dｽqﾌfﾟtsdｽ Ltsə･dｽzﾃｊ dｽｸtﾑ･lststﾑ･ tstﾑﾃtsdｽ･qﾌ§ tﾟtqﾌLr əｵ･dｽ§ qﾌﾆ qﾌfﾟtsdｽ Ltsə･dｽ･qﾌʸ нtﾑdｽzﾃqﾌﾆ, ･lsｵ§ §･ｵ§ tsdｽ･

ʙr dｽqﾌ Lｵ･tﾟtqｊ ʰ ｊ dｽ ｸ qﾌﾃｊ dｽsfﾟtsətsdｽtﾟts tﾟqﾌʰ ｊ ər dｽtﾟtsﾟtsнlz§lsｵ･dｽqﾌ dｽｸ§･ｵ･fﾟtsəｊ dｽdｽ dｽtﾟtqｊ tﾟｵ･ﾑ･dｽ･ﾃ･ﾑ･dｽ ətsLdｽqﾌ§

fﾟjtﾑʷ ｊ Ldｽ ｲ §tsdｽʷ dｽqﾌ§lsfﾟtﾑ･ﾑqﾌlsｊ dｽ fﾟtsətsdｽ･ｭz ｸ . ɻ tsfﾟqﾌｸｊ dｽｸfﾊ§tsdｽ§qﾌﾆ fﾟzнｊ ʙdｽ ﾆ tﾑ･Lʙqﾌtﾑ･ﾑsｊ dｽ fﾟtsəｊ ｶtsнｵ･ｲ нtﾟtqﾌﾃtsə･ﾑqﾌdｽqﾌ§ lsｲ tqｊ dｽdｽsdｽzLｵ§dｽ ｭuｊ dｽqﾌʸ , qﾌə §tsdｽuｊ §tsdｽtsə 3 dｽsʷʙtﾑʷ 1957 ﾃtsHtsdｽ

lzdｽｊ tﾑə dｽʸ qﾌfﾟʙlztﾑqﾌfﾊ§tsｲ (ʰ ls. ɻ ｊ dｽfﾟqﾌdｽ əｵ･dｽqﾌʷ) lsｲ tﾑr dｽｊ tslsfﾟjtﾑ･нｊ ｭuｽsﾃts tﾟtqﾌfﾟtsdｽtﾟO

ﾚ ｊ lstﾑzﾐdｽs Lｵ･dｽｊ lsqﾌlsｳ , ｭlsts ﾃqﾌtﾟdｽsL fﾟtsｵ･dｽ§ｵ･ﾑr ｊ tﾑtsdｽ qﾌL §tslststﾑtsﾃts əfﾟj dｽｵ･tﾟtﾑ･ﾑdｽｸ dｽqﾌʷ tﾟfﾟqﾌ§tslsｊ tﾑ･ｵ･qﾌqﾌ нtsʙr əｵ･ʸ ls dｽ･ﾑsｊ tﾑqﾌ･dｽzﾐdｽʷ fﾟtsqﾌ§ çdｽsər §è fﾟstﾑtsｊ dｽqﾌ?, ｭ(fﾟtsts dｽｸ lz§･Lr əｵ･ʸ, tslsﾆlzﾐ･tsdｽqﾌ ｭuｊ tﾑqﾌtﾟʸ ls fﾟtsq dｽ§tsﾐ§qﾌ, ｭlsts §tsdｽtﾟtﾑtsdｽjlsqﾌtﾑzｊ ls qﾌL əｊ fﾟtsdｽzｲ tﾟtstﾑʷ нtsｭ(dｽsfﾟtsʰ dｽ･lz§qﾌ. çR fﾟtsts ｭ(dｽqﾌ§ tsﾃtﾑtsdｽ･dｽ§ ﾆ tqｊ §

tﾟfﾟqﾌ§tsﾐ･dｽ･dｽqﾌLﾐqﾌ tﾟfﾟqﾌ§tsfﾟtsdｽ･ﾐlsqﾌ§qﾌ dｽｸ ｸ qﾌls ə ﾃqﾌtﾟdｽsLｊ . ∫ lsﾐｊ dｽqﾌəʰ qﾌfﾟ §tsﾃﾐ･lsts tsls dｽｸﾃts, tsdｽqﾌ ｭ(fﾟtsts

ətsLə･tﾑﾘ ･ｲ lsfﾟʸ §§ dｽｸdｽzLﾐtﾟtsнtﾟqﾌlsﾆtsｲ, tsʙdｽsədｽｸdｽdｽzｊ , tsdｽqﾌ dｽｊ ｸ нlz lsｊ dｽdｽｸ lzﾟtﾟzfﾊ§ｲ ls fﾟqﾌzｭ(ｲ, ｭlstsʙr dｽｸ tsʙəqﾌdｽqﾌlsｳ ｊ ﾃts ə ｭuｊ dｽ-lstsè (ɻ . ｒ ･dｽｸ).

ʜ lstﾑtsﾃts ﾃtsətstﾑʷ, əfﾟj fﾊ§ｲLｵ･dｽdｽsｊ dｽ･dｽqﾌ tts ﾃqﾌtﾟdｽsLｊ ð dｽqﾌʰ ɹ ər ﾆəｵ･uｊ dｽdｽʸ qﾌL tsﾃtﾑtsdｽdｽs§ dｽﾃfﾟfﾟｈ §tstﾑtslsﾆｲ qﾌdｽzﾐ fﾟstﾑ･ｵ･ｭ(qﾌʷ. ʊｊ dｽdｽｸ dｽｸ ｸ dｽｊ ｊ tﾟtstﾑ･tﾟtsHətsHqﾌlsｳ qﾌlstsﾃqﾌ. ｌ ･нｊ ｊ dｽfﾟʸ, ｭlsts dｽ･ｲ tﾑ･fﾟfﾊ§ｲLts ﾃqﾌtﾟdｽsLｊ dｽｸ fﾟʃLH･fﾟs lz ｭ(qﾌlsｳ･lsｊ dｽʷ tﾟtqｊ нfﾟs･əｸ dｽｸ§ｊ dｽdｽ ｸ fﾟjLdｽ･dｽqﾌʷ, ･) dｽ･tﾟtﾑtslsqﾌə, tﾟtﾑtsʙlzﾐqﾌls dｽ ʙtsﾟr lsfﾟs･ts §нｵ･dｽdｽs§ tﾟtﾑtsʙdｽｸdｽｊ . ｌ ｊ fﾟqﾌｽslstﾑʷ dｽ･əfﾟj, ｭlsts qﾌLəｊ fﾟs･dｽts ʷｊ dｽtsdｽｊ dｽｸ ﾃqﾌtﾟdｽsL･) dｽtsｽ(dｽts lzəｊ tqｊ dｽdｽts fﾊ§ｲLｵ･lsｳ , ｭlsts ｭuｊ dｽʒʙdｽqﾌ(ｽｊ dｽr §ｊ ﾃts tﾑ･Lﾃｵ･нﾆｊ , lsｊ dｽdｽｊ dｽｸ ｊ tsdｽ§ｲ･ｽ(ｊ lsfﾟʸ tﾟtsLdｽ･əｲ qﾌ dｽ ɹ tqｊ ｽ(нｊ əfﾟj ﾃts ɻ lsts fﾊ§ʷLｵ･dｽts fﾟlsｊ dｽ ｭlsts ɻ lstsls çLdｽ§tsdｽ ｲ dｽｸLdｽ§tsdｽj ｭè ts§ｲLｵ･dｽfﾟʸ tﾟtsdｽ(fﾟstﾑzﾆlsztﾑdｽ dｽtﾟfﾟqﾌ§tslsｊ tﾑ･ｵ･qﾌqﾌ fﾟjsfﾟstsʷdｽ(ｊ dｽqﾌ ｭuｊ dｽ dｽ§tsdｽtﾟdｽj§ fﾟtsdｽ§ʷ ə-

[illegible] (Kubie, 1961, [illegible] 40–54).

[illegible] 1987, [illegible] 301).

[illegible]

ɹ ɖʃʙɖʁʃtsɢtɐʘʷɖʃʷ
ɸ ɖʁs tsɖʁsɔɖʃɥʃ . ɸ. (1945). ʀ ʟʙtɐʘɖʁɖᶻ ɟ ʷʷɖʃɖʁsfɳʂʷʷfɳʂɖʃɟ fɳʂɥɖʃɖɟɖʁɖʃʷ.
ɹ ʘ⊐ls ɖʃʘɖɐtsɔ ɻ . ɸ. (1928). ʜ ɖʃɖʒʷʕ ʇsls ɖʒʁɖʃɖʒtsɢtʂ ʟʰ ɖʃʙʘ) ʇʃtsɖʁzɥɟ ɖʁɖᶻ ʔ ɔ ɢʃʇʃɖʁsʟj . ʂ ɖʁʃɖʁʃɥɟ fɳʂɖʃʔ
ϰ ʟztɐɖʁʘɖzʜ ʘɐʘʇsɔfɳʂtsɢʂ ʟzɖʁʃɔɟtɐfɳʃlsɟlsʘ ɻʳ ʇʃ. 3.
ɹ ɟ ɖʁʃɖɸɳʂɖʃʔ ɻ . ɻ. (1941). ʀ ʟʙtɐʘɖʁɖᶻ ɟ ʷʷɖʃɖʁsfɳʂʷʷfɳʂɖʃɟ ʇʃtɐtsɖʃʟɔɟ ʜj ɖʁɟʃʷ. ʃ .
ɹ ɟ ɖʁɖʃɖᶻʕ . ʌ . (1902). ʜ ɬ в. ɬ tɐtslstsʕʇtsɖᶻ ʟGɳɟ ʜʘɖʁʃʔ ʃ вʰ ɟ fɳʂɔOᵘʕfɳʃɟ tɐʃɖʒɟ ɖʁsʘɖᶻ ɖʁsʔ ʇʃfɳʃ⊐tsɖʁsɢɖʃɖ. 1902.
ɹ ɟ ɖɸ ʜɖʃʕls ʃ tstɐɖʃɥ (1880). ʃ ʕʘlsʘɖɸʇʃfɳʃɖʃ ɖ ɖʒɟfɳʃɖʒɟ tɐʃʟɖʒɟ . ʜ ɬ в.
ɹ ɟ tɐɖʁʘtɐʂ . (1866). ɻ ɔɟ ʜɟ ɖʁʃɟ ʕ ɖʃʟzɥɟ ɖʁʃᵏ tstʃʳ lsɖʁsʔ ɖʒɟ ʜɖʃɥɖʃɖᶻ . ʜ ɬ в.
ɹ ɟ tɐɖʁɟɖʃʒʀ . (1887). ʃ ɢʃʇʃɖʁslsɖʃɥɟ fɳʂtsɖʒɔɖʁᶻʰ ɟ ɖʁʃɖʃ ɖ ʇʃtɐɖʃɖʒɟ ɖɸɟɖʁʃɖʃ ɟ ɢtsɔ lsɟtɐʘʇʃɖʃ. ʊ. 1. ʃ ʜɟ fɳʂʘ
ɹ ɟ tɐɖʁɟɖʃʒʀ . (1888). ʃ ɢʃʇʃɖʁslsɖʃɥɟ fɳʂtsɖʒɔɖʁᶻʰ ɟ ɖʁʃɖʃ ɖ ʇʃtɐɖʃɖʒɟ ɖɸɟɖʁʃɖʃ ɟ ɢtsʕ ɖɸɟɥɟ ɖʁʃᵏ ʙtsɖɸɟʟɖɸʔ. ʊ. 2.
ʃ ʜɟ fɳʂʘ
ɹ ɟ⊐ls ɟ tɐɸɔɻ . ʃ . (1905). ʃ в tsʙʲ ɟ ʕlsɖʃɔɖᶻ ⊐ ʇʃtɐɖʃʟɖʁʘʕʘ⊐ ɔɖʁᶻʰ ɟ ɖʁʃʔ, ɖʃfɳʃʳ lsʳ ɔʘ) ɖʒʳ ⊐ ɔ ɢʃʇʃɖʁsʟj . //
ɻ ɟ fɳʂɖʁʃʕ ʇʃfɳʃ⊐tsɖʁsɢɖʃɖ, ʕtɐɖʃɖʒʃɖʁɖᶻ ɖʁsʔ ʘɖʁslstsʃtsɖʁsɢɖʃɖ ɖ ɢʃʇʃɖʁslsɖʃʟɖʒʘ ʜ ɬ в. ʏ . 2. ɻʳ ʇʃ. 4.
ɹ ɖʃɖɸɟʘ. (1888). ʕ ʕfɳʃɟ tɐʃɖʒɟ ɖʁsʘɖᶻ ɖʁs-ʷʷ ɖʃʟʃtsɖʁsɢɖʃɥɟ fɳʂɖʃʔ ʲ lsᵏ н.
ɹ ɖʃɖɸɟʘ. ɖ ʌ ɟ tɐɸɟ ʐ . (1890). ɾ ɖʃɔtslsɖᶻ ʔ ɖʒʘɢɖɸɟlsɖʃʟɖʒ ʜ ɬ в.
ɹ ɖʃls ɖɸɟtɛɻ . ɻ . *(1895)*. ʏ ʟzʜɟ fɳʂʘɢɖʃʇʃɖʁslsɖʃʟɖʒʘ ʜ ɬ в.
ɹ ɖʃls ɖɸɟtɛɻ . ɻ . (1899). ɻ ɟ tɐɖʃlsᵘ ɖʃɖʁɖʃ ɖɸɟ ɔɟ tɐɖʃlsᵘ ʔ ʜ ɬ в.
ɹ ɖʃls ɖɸɟtɛɻ . ɻ . (1903). ɻ ɖʃʇʃɖʁslsɖʃʟɖʒɖʃ tɐtsʜfɳʂɔɟ ɖʁɖᶻ ɟ ʷɔɖɸɟɖʁɖʃʷ ɔ ɖʁʘʟzʕɟ ɖʃ ϰ ɖʃʟɖʁɖʃ. ʜ ɬ в.
ɹ tsɖʁɖʃ ɸ. (1888). ɻ ɖʃʇʃɖʁslsɖʃʟɖʒ ʀ fɳʃɥɖɸɟʜtsɔʘɖʁɖʃʷ ʷʷ ɖʃʟʃtsɖʁsɢɖʃɥɟ fɳʂɖʃɟ ɖʃ ʇʃfɳʃ⊐tsɖʁsɢɖʃɥɟ fɳʂɖʃɟ . ʜ ɬ в.
ɹ tɐtsʜtsɔfɳʂɖʃʔ ɻ . ʃ . (1888). ɻ ɖʃʇʃɖʁslsɖʃʟɖʒɔ ʇʃtɐʘʕlsɖʃɥɟ fɳʂtsʔ ɖʒɟ ʜɖʃɥɖʃɖɸɟ . ʜ ɬ в.
ɹ ʟzɖᶻ ɻ . ʀ . (1953). ʃ ɖɸɟ ɥɟ ɖʁʃɖʃ вtɐtsɖᶻ⊐ɖʃʘɖᶻ ɖʁsʔ ʘfɳʂɖʒʳ fɳɣɢʘɟ fɳʂɖʃɔɖʁsʔ lsɟtɐʘʇʃɖʃɟʔ. ʃ .

ɹ lzdɮ ɪ . ʀ . (1974). ʃ fɳɡdzsəʳ ʧfɳɡʃ⊐tslsɻtɕOʃɖʃɖʃ. ʃ .: ʃ ɻʜɖʃɥɖʃdzO
ʃ əɻʜɻdʑɦʃɕʃ ɭ . ɾ . (1954). ɪ tsɖɕdzsɻ fɳʦʙtɕOɖzʃɻ fɳʦsɥɖʃdɻɕdzʃ?. ʊ. 5, ʃ .
ʃ ɻ dɮətsəfɦʃɕʃ? ʀ . 3., ɪ dɕOls tsɖzsə ʂ . ʀ . (1924). ʂ ətsʃtɕtsfɳz ts ʧtɕɖʃdʒɻdɻɕdzʃɖʃ ɠɖʃʧdzʦLOə ⊐ɖtɕlztɕɠɖʃ,
Oʃlzʰ ɻtɕfɳʦəɻ ɖʃ ɠɖʃdɻʂtsɖzsɠɖʃ. ʃ tɕOɥɻʙɖzsɻ ʜɻɖzs. 1924, ¯ 7.
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ɻ Odɖɻ ɻ . (1798). ʃ lsʃtɕʳ lsɖʃɻ lsO?dzₑ ʜtɻədzʃ⊐ dʒOɠɖʃʃtsə ɖ ɥɖOɕtsʜɻjəɻ. ʊ. 3. ʃ . 1798.
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tɕOʅ lzʜtsdzʷ O.ɻ ɻ?ʜɻdzɠO?dzʃ) ʧtɕtsʷɻ fɳɲʦtɕOʷ ɖʃLɖʃtsdzsɠɖʃ ɖ ʜɖʃtɻɕ ʃlststɕOʌ ɖʃLɖʃtsdzsɠɖʃɥɻfɳʃtsɠʦ ɖdɮfɲsɖʃlslzlsO
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ʧtɕɖʃʧOʜʃOˏ/ɾ lztɕdzₑ dɻɳətɕtsʧOstsdzsɠɖʃɖʃ ɖʃ ʧfɳ⊐ɖʃOstɕɖʃɖ. ʊ. 55. ʃ ʳ ʧ. 5. ʃ . 326ð 329.
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ʧfɳɡʃ⊐ɖʃɥɻfɳʃtsʔ ʜɻʷlsɻdzdzsfɳsɖʃ ɥɻdzsəɻʃO ɥɪ в.

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tɑj ɥj ɘʳ ⊐ tɑOʟʜtɑO ɻ ɖlsj dʒ ʔ dʑOdʒʰ j ɥɖdzᵝ tɑO ʙtslststfɳʃtsfɳʂʙdʑsfɳʂᴴ ɘ lzfɳʑtsɘɖʷ⊐ ɠɖʃʃ dʑsfɳʒlsɠj fɳlsɖʃ. ð ˩
ʕdz:. ˩ tstʃtɑtsfɳ ɠɖʃɠj dz ɖʷʲ ɖʟɖʃtsdʑsɠɖʃ lstɑdzʜOɘ lzɠtsdz dʑsʔ tʃtɑtsdʒʰ dʒ dʑdʑsfɳʂɖ. ʉ lsOʑɖʃɖʑs, 1957. ʊ. 5.
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ʈ j ᵂ j tɑOlsʳ dʑɑOzɥɑdʑs-ɖffɳɸɑj ʜtsɘOʂj dz fʕɖ⊐ tɑOʙtsls ʟO1946 ɠ., ɘʳ tʃ. 1. ʃ ., 1947.
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ɠɖʃʃ dʑslsɖʃɥj fʕtsɠts fɳɸʑOɥj dʑsɘj ʕO ð ˩ ʕdz:. ʊ tɑdzʜʳ ʀ dʑslsOᵂ ɖʟɖtsdʑsɠɖʃ ɖdʒ ʀ . ɪ . ɪ Oɘdʑsɘ Oʃ .:
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ɾ lztɑdzᵥ ɘʳ fɳʰ . dʒɸ tɑɘ, ʜj ʷls., ¯ 2.
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ɠɖʃʃ dʑsʟOlz ɥj dʑsɘj ʕO ð ˩ ʕdz:. ʊ tɑdzʜʳ ʀ dʑslsOᵂ ɖʟɖtsdʑsɠɖʃ ɖdʒ ʀ . ɪ . ɪ Oɘdʑsɘ Oʃ .;ʃ .: ʀ ʟʜ-ɘts
ɸ ʃ ˩ ʉ ʉ ʉ ʈ , 1956. ʊ. 5.
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ɪ tsʜʲ ʷʧtsɗzfɲʃɕɖʔɪ.ɪ. (1915) ʜɗʑʮΘɖʃ ʧtɑɕʃɗʒɻɗɻɗʑʷ ɢʃɖʧɗʑtslsʃʮɻfɲʃtsɢtsəɗʑʰ ɻɗʑʃʷəɗʑΘʟΘɻɻslsɗʑtsʔ ʧtɑΘʔlsɖʃʂɻ. / ɾ lztɑɗzʑɗɻəɑtstʃΘstsɗʑtsɢʃɖʃ ɖʃɲʃɳɡ⁼ɖʃΘstɑɖʃ ɖʃɗʒ ʜ. ʜ. ʂ tstɑfɲʃʔtsəΘ 1915, əʳ ʧ. 2.
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