

TAMSIRT TIS SAT

2. 2. Kra n tulmisiin n tesniremt n tmaziyt

Kra n tulmisiin n tesniremt n tmaziyt

Nezmer ad d-nesken tulmisiin n tesniremt n tmaziyt deg sin n yiferdisen : imawalen akked yirman yellan deg-sen.

1. tulmisiin n yimawalen

S umata imawalen uzzigen n tmaziyt :

- d imahilen imsimanen
- d isinwalen s tnila tafransist-tamaziyt
- llan kan s talya n tewriqen

2. tulmisiin n yirman

Irman i nettaf deg yimawalen :

- kkan seg usuyel n yirman n tefransist
- d ismawen (drus mađi n yimyagen)
- tuget deg-sen d iwalnuten
- deg-sen, imezzan (iređalen) d igensanen (kkan-d seg tantaliwin n tmaziyt)

2.3. Kra n tulmisiin n tesniremt n tmaziyt

Deg temsirin yezrin, nwala s umata amek i d-tlul tesniremt n tmaziyt, timental i tt-yeğgan ad d-tufrar, tizrawin tussnanin yemmugen fell-as, tayulin tuzzigin iyef mmugen yimahilen... Deg temsirt-a taneggarut, ad d-nesissen kra n tulmisiin n tesniremt n tmaziyt akken i d-ttbinent deg urmud asnirman. Akken day ara nwali tulmisiin n yirman deg yimawalen uzzigen.

2.3.1. Imawalen uzzigen

- Imeskaren

Ma nekkes imawalen i d-yessufey tagara-ya Usinag Ageldan n Tussna Tamaziyt (Ircam, Lmerruk), wiyad akk d imahilen imsimanen (n yiwen n umeskar) i d-ssumren kra n yimeynasen n tutlayt d yidles n tmaziyt. Akken-nniđen, d imawalen ur d-nekki seg tsudutin tunsibin am wid n tutlayin yuzan yer zdat deg unnar-a n tesniremt. Gar yimeskaren, llan d iselmaden isdawanen; dya, kra n yimawalen (tasredt, tasnilest, taliktrutiknikt, tafellaht) deg tadra-n sen d tizrawin tisdawanin (tid n Lmajister ney d tid n Duktura). Wiyad (tusnakt, azref, tafizikt) uran-ten kra n yimeynasen, yal yiwen deg tayult-ines.

- Talya

Imahilen isnirmanen akken ma llan, ffyen-d s talya n tewriqin (format papier). Ar assa, deg unnar n tesniremt n tmaziyt, ur nettaf imawalen uzzigen s talya taliktrunit (format électronique), ur nettaf ikufan n tesniremt (banques de terminologie).

- Tutlayin

Amur ameqqran d imawalen isinwalen ilan tanila tafransist-tamaziyt. Kra deg-sen rnan-d day tanila tamaziyt-tafransist. Wiyad (drus mađi) rennun-d tutlayin-nniđen am taerabt d tegnizit. Maca, ar tura ur tessawed ara tesniremt n tmaziyt ad d-tessali imawalen/isegzawalen iynutlayanen : wid ara d-yesbadun irman n tmaziyt s tultlayt n tmaziyt.

Tulmist-nniđen ilan assay d tutlayt, nezmer day ad tt-nwali deg lebyi n yimseknirmen ad sdukklen tasniremt n tantaliwin timaziyin. Ihi, imawalen/isegzawalen uzzigen, ladia

imezwura gar-asen, ttusemman d ikmaziyen (pan-berbères) imi ur mmugen ara kan i yiwet n tantala, maca rzan tamaziyt s umata.

2.3.1. Irman

- *Asuyel*

S umata, imesknirmen n tmaziyt deg yimahilen-nsen, d asuyel i d-ssuyulen irman n tefransist yer tmaziyt. Aya igellu-d s waṭas n wuguren d tucḥdiwin ama deg talɣiwin ney deg yinumak n yirman i d-yettwasuylen. Acku llant aṭas n temgardiwın gar yinagrawen imawalanen n snat n tutlayin-a.

- *Taggayt*

Ḥas tettili temgarda deg ugbur gar umawal uzzig d wayeḍ, tuget n yirman yellan deg-sen d ismawen. Ismawen zemren ad ilin d iḥerfiyen, ney d isuddimen, ney d uddisen. Tikwal nezmer day ad naf aṭas n yirbiben. Ma d imyagen, amḍan-nsen mezzey maḍi maḍi deg tesniremt n tmaziyt.

- *Iwalnuten*

Amur ameqqran n yirman i d-ikecmen deg tayulin tussnanin ney deg yirmad n tudert tatrart s umata, d iwalnuten (néologismes). Deg tmaziyt, d tulmist-a s i mgaraden yimawalen uzzigen yef yimawalen imatuten. Deg usiley n yiwalnuten, nessemmas sin n wallalen : asuddem d usuddes.

- *Timezzit*

Timezzit (emprunt) terza s umata tantaliwin n tmaziyt. D ayen iwumi semman yismazzayen *timezzit tagensant* (emprunt interne). Aṭas n yirman i d-yekkan seg umawal amatu n tmaceyt, tumzabt, tacełhit, tamaziyt n Waṭlas Alemmas, atg. D anadi yef wawalen ilan tadra tamaziyt i yettaḡḡan imseknirmen ad d-gemren seg tantaliwin. Ma d imezzan n tutlayin tijenṭaḍ am taerabt d tefransist ur ugiten ara.

Atan da sadda yiwen n umedyā i d-yeskanayen tulmisin n yirman akken i nezmer ad ten-naf deg yimawalen uzzigen n tmaziyt.

NOMBRE

nombre réel
nombre complexe (imaginaire)
nombre entier
ensemble des entiers naturels
nombre irrationnel
nombre rationnel
nombre négatif
nombre positif
nombre premier
nombres premiers entre eux
nombre fini
nombre transfini
nombre algébrique
théorie des nombres

AMDAN

- amḍan ilaw
- amḍan asemlal (asugnan)
- amḍan ummid
- tagrumma n wummiden igmawiyen
- amḍan armezḍan
- amḍan amezḍan
- amḍan uzdir
- amḍan yufraren
- amḍan amenzu
- imḍanen imenza garasen
- amḍan ifuken
- amḍan afelfaku
- amḍan aljibrān
- tizri n yemḍanen

(Lexique de mathématiques 1984, sb. 90)