

## GLOSSARY

Archimedes schreef in een Dorisch dialect. De voornaamste afwijkingen van het Attisch die in dit geschrift voorkomen, zijn de volgende:

1) De lange  $\alpha$  verandert niet in  $\eta$ :

$\acute{\alpha}$  γᾶ, ὁ ἄλιος, τὸ μάκος, ταλικοῦτος

2) Vele naamvallen van de  $i$ -stammen behouden de  $i$ :

ἔψιος, ὄψιος, ἀποδειξιῶν

3) De dativus pluralis van de muta-stammen gaat uit op -εσαι:

μυριάδεσαι

4) Het pronomen personale van de 2e persoon enkelvoud is τὴ (nomin.)

4) *The personal pronoun of the second person singular is* τὴν (dat.)

5) De uitgang van de 1e persoon pluralis activi is -μεν:

ὑπολαμβάνομεν, φάμεν

6) De uitgang van de 3e persoon pluralis activi is -ντι:

ὑπερβάλλοντι, ἐντί

7) Het futurum wordt gevormd op -εω:

πειρασούμαι, ἐσσεῖται, ἐξοῦντι

8) Men lette op de infinitivus

8) *One should notice the infinitives*

δείκνυναι, εἶμεν, ῥηθῆμεν

9)  $\alpha\alpha_1 = \kappa\epsilon$ , ἄν

*Archimedes wrote a Doric dialect. The main differences from the Attic occurring in this writing are the following:*

1) *The long vowel  $\alpha$  does not change into  $\eta$ :*

2) *Many cases of stems in  $i$  keep the  $i$ :*

3) *The dative plural of stems in a mute consonant ends in -εσαι:*

4) *The personal pronoun of the second person singular is*

5) *The first person plural active ends in -μεν:*

6) *The third person plural active ends in -ντι:*

7) *The future is in -εω:*

8) *One should notice the infinitives*

*δείκνυναι, εἶμεν, ῥηθῆμεν*

## GLOSSARY

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ἀναλογία, ἄ, 1) verhouding; *proportion*; 2) meetkundige reeks; *geometrical progression*

ἀνάλογον, in gedurige evenredigheid; *in continued proportion*

ἀναμυλόγως, onbetwifelbaar; *beyond dispute*

ἀνατέλλειν, opkomen; *to rise*

ἀνατολή, ἄ, opkomst; *rise*

ἀπλανής ἀστήρ, vaste ster; *fixed star*

ἀπόστασις, ἄ, afstand; *distance*

ἀπόστημα, τὸ, afstand; *distance*

ἀποφαίνειν, 1) beweren; *to declare*; 2) vinden; *to find out*

ἀστρολόγος, ὁ, astronoom; *astronomer*

γωνία, ἄ, hoek; *angle*

δακτυλῖος (διάμετρος), van een vingerbreedte; *measuring one finger-breadth*

διάμετρος, ἄ, middellijn; *diameter*

δρόμος, ὁ, baan; *orbit*

ἐγγράφειν, beschrijven in; *to inscribe*

ἐκβάλλειν, uitbreiden; *to extend*

ἑξάγωνον, τὸ, zeshoek; *hexagon*

ἐπιζευγνύειν, trekken; *to draw*

ἐπίπεδον, τὸ, plat vlak; *plane*

ἐπισκοτεῖν, bedekken; *to conceal, to cover*

ἐπιφάνεια, ἄ, oppervlak; *surface*

ἐπιψαίνειν, raken; *to touch*

ζῳδια, τὰ, de tekens van de dierenriem; *the signs of the zodiac*

ἰσόπλευρος, gelijkzijdig; *equilateral*

κανὼν, ὁ, lineaal; *ruler*

κατονομάζειν, benoemen; *to name*

κατονομαζία, ἄ, benoeming; *denomination*

κατονόμαξις, ἄ, benoeming; *denomination*

κέντρον (sc. εὐθεία) ἄ ἐκ τοῦ, straal; *radius*

κορυφαί, ἄ, hoekpunt; *vertex*

κύσμος, ὁ, bol om het aardmiddelpunt als centrum, waarvan de straal gelijk is aan de afstand van de middelpunten van de aarde en de zon; *sphere whose centre is the centre of the earth and whose radius is equal to the straight line between the centre of the earth and the centre of the sun*

κύκλος τῶν ζῳδίων, ὁ, ecliptica; *ecliptic*