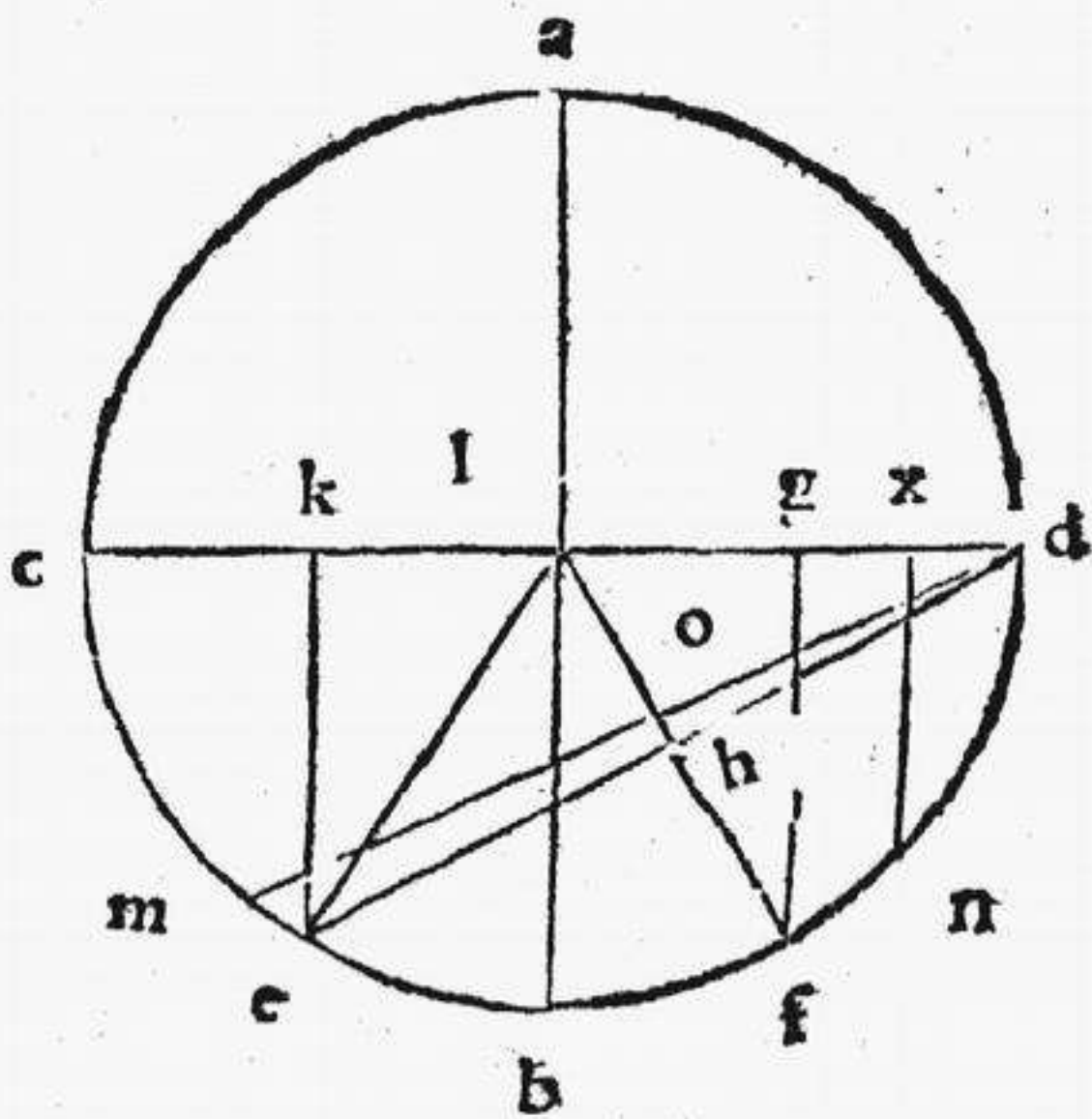


ris rectis lineis a b. b c. inuentæ sunt duæ mediæ proportionales, c g. a f.

ALITER vt Diocles in pyriis. Ad inueniendum duabus

datis rectis lineis binas
 medias cōtinue propor
 tionales, Diocles ī libro
 quī de pirīis inscribitur.
 Primo tradit quendam
 modū describendi quat
 tuor rectas lineas vtcūq
 q̃ continue pportiona
 les, Deinde ex eadē de
 scriptione, datis duabus
 rectis lineis binas medi
 as venat̃ pportionales,
 Propositū igit̃ sit quat
 tuor rectas lineas vtcūq
 q̃ continue pportiona



les inuenire describereq;. In aliq̃ itaq; circulo a c e b d, cui⁹ l, cen-
trum ad rectos angulos duæ agant̃ diametri a b, c d, et in vtracq;
parte ipsius b, duæ æquales assumantur circūferentiæ e b, b f.
& per g, ipsi a b, parallelus agatur f g, secans c d, dimetientem
in g, atq; d e, cōiungat̃ dispescens ipsam f g, super h, signo, Aio
quod c g, g f, d g, g h, sint cōtinue pportionales, ducat̃ itaq; p
e, ipsi a b, parallelus e k, secans c d, in k, Erit ergo e k, ipsi f g,
æqualis & c k, ipsi d g, Quod ita fiet perspicuū, Nam ex l, cen-
tro in e f, coniunctis rectis lineis, ipsæ sint æquales per diffini-
tionem circuli, per constructionē autem anguli ad g l k, signa
recti sunt, Et duo anguli b l e, b l f, æquales ex centro l, etenim
super æquales circūferentias b e, b f, deducunt̃ per xxvii, pro-
li, iii, ele, Eu, ergo ex cōmuni scientia si æqualib⁹ æqualia dedu-
cantur, duo anguli f l g, e l k, sunt æquales, ergo per ppositio-
nem xxvi, libri primi elemen, Eu, duo triangu-
la e l k, f g l, sunt æquilatera & f g, ipsi e k, æqualis & g l, ipsi k l, Et ex cōmuni
deinde sententia si æqualib⁹ æqualia demant̃ & cetera, c k, d g,