

**M0006229: Diagram, Diagram of planetary orbit, from Kepler: Epitome
Astronomiae Copernicanae**

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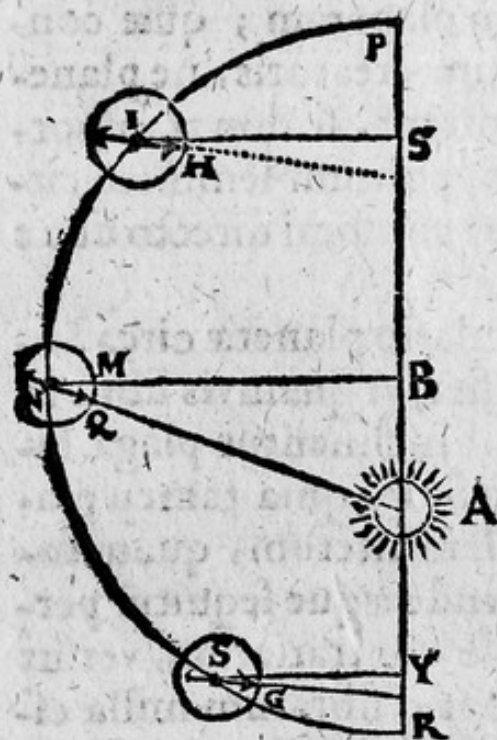
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fibrae solipetam H, deorsum, à linea IS, versus se; quantum in restituendo, vt per quadrantem NER, retrahens



eandem fibrae plagam G, sursum versus lineam SY sibi propiorem. Hoc autem non aliter fieri potest; nisi sic, si PR existente lineâ apsidum, & PN, NR, Quartis orbitæ perfectis; planetæ in N confinio quadrantum stantis, fibra NQ, dirigatur præcisè in ipsum Solem A. Nam etsi Sol A, inclinationem hanc SIH, BNQ, in quadrante PN superiori administrat intervallis longis AP, AI. &c. eoque imbecilli virtute; in inferiori

verò NR intervallis brevibus AS, AR, eoque virtute fortiori: at vicissim in superiori PN planeta etiam diutius moratus, vires illas inclinatorias imbecilles diutius experitur; in inferiori NR brevior mora est planetæ, brevius tempus experiendi vires fortes reclinatorias: fitque compensatio perfecta. Nam eadem perfecta compensatio præstare etiam id potest, vt in eodem conterminio quadrantum N, intervallum AN (in legitime pictâ orbitâ) æquale sit semidro BP. vt libro V. patebit.

Quid si verò planeta non præcisè post con-
fectum quadrantem orbita superiorem
PN, sed tardius aliquantò, in Solem
dirigeret fibram NQ?

Hic oppositum est in adjecto. Nam is ipse est terminus quadrantum, ab Absidibus computatorum, vbi fibra in Solem dirigatur. Semper enim crescit inclinatio ista fibrae IH ad IS perpendicularem; quamdiu fibra H Solem quærit: crescit verò vnâ & incrementum librationis, effectus cum causa.