

PHILOSOPHIÆ
NATURALIS
PRINCIPIA
MATHEMATICA.

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IMPRIMATUR.
S. PEPYS, Reg. Soc. PRÆSES.
Julii 5. 1686.

LONDINI,

Jussu Societatis Regiæ ac Typis Josephi Streater. Prostat apud
plures Bibliopolas. Anno MDCLXXXVII.

L E M M A II.

If in any figure AacE (Pl. I. Fig. 6.) terminated by the right lines Aa, AE, and the curve acE, there be inscrib'd any number of parallelograms Ab, Bc, Cd, &c. comprehended under equal bases AB, BC, CD, &c. and the sides Bb, Cc, Dd, &c. parallel to one side Aa of the figure; and the parallelograms aKbl, bLcm, cMdn, &c. are completed. Then if the breadth of those parallelograms be suppos'd to be diminished, and their number to be augmented in infinitum: I say that the ultimate ratio's which the inscrib'd figure AKbLcMdD, the circumscribed figure AalbmcndoE, and curvilinear figure AabcdE, will have to one another, are ratio's of equality.

