

PHILOSOPHIAE
NATURALIS
PRINCIPIA
MATHEMATICA.

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IMPRIMATUR.
S. PEPYS, Reg. Soc. PRESSES.
Juli 5. 1687.

LONDINI,

Julia Sculpsit Rapis ac Typis Iosephi Simonis. Prostas apud
plures Librariorum. Ann 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, cMd n, &c. are compleated. 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 AalbmndoE, and curvilinear figure Aabcde, will have to one another, are ratio's of equality.

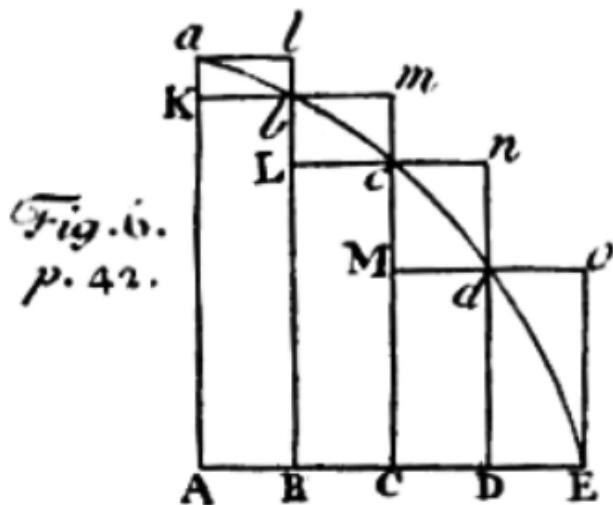


Fig. 6.
p. 42.