

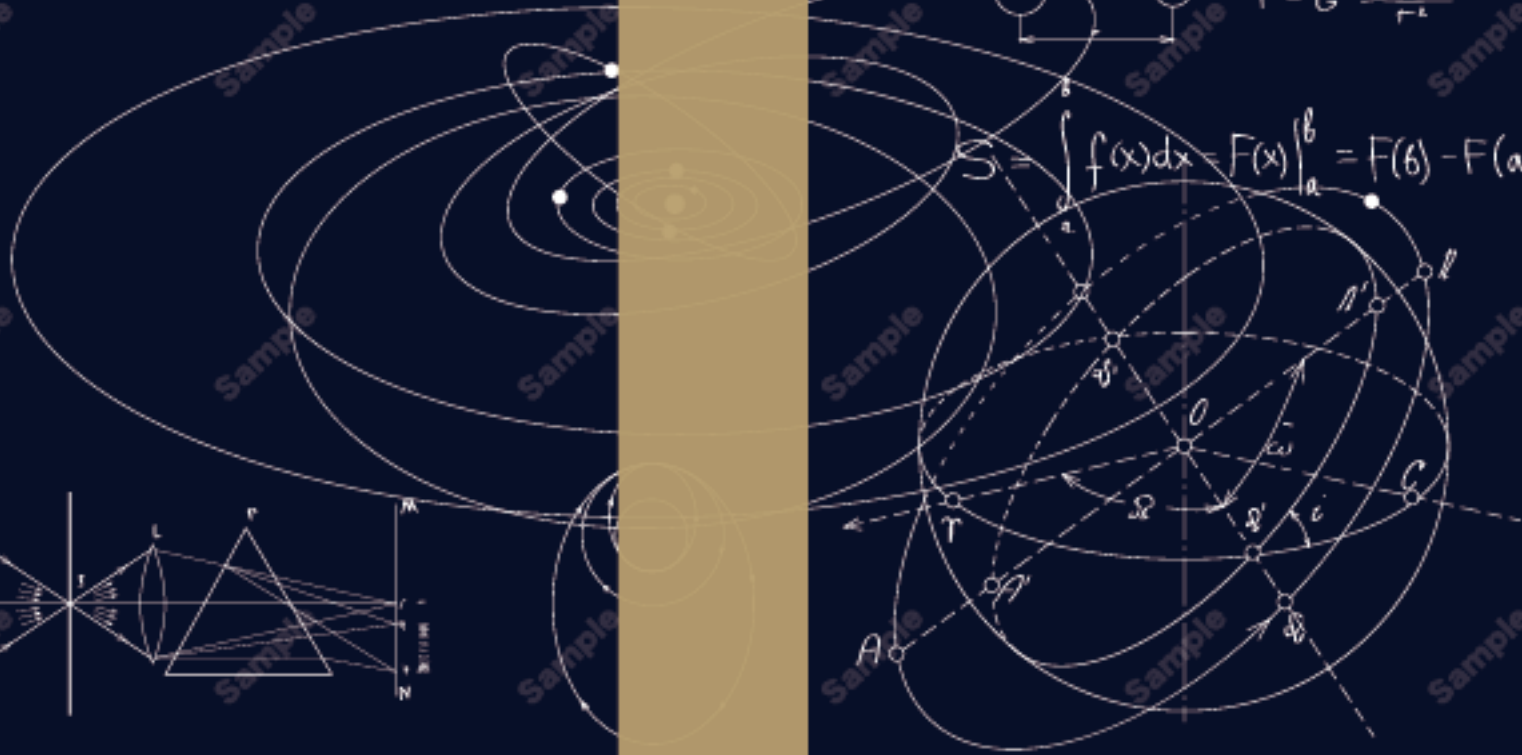
PHILOSOPHIAE
NATURALIS
PRINCIPIA
MATHEMATICA

Arithmetica Universalis
SIVE
DE COMPOSITIONE
ET

RESOLUTIONE
ARITHMETICA
LIBER.

OPTICKS:
OR
A TREATISE
OF
REFRACTION, REFLECTION,
POLARIZATION OF LIGHT,
AND

THE
METHOD
AND
FLUXIONS,
AND ALSO CONCERNING
THE



$$(a+b)^n = \sum_{k=0}^n \binom{n}{k} a^{n-k} b^k = \binom{n}{0} a^n + \binom{n}{1} a^{n-1} b + \dots$$

$$F = G \cdot \frac{m_1 \cdot m_2}{r^2}$$

$$S = \int_a^b f(x) dx = F(x) \Big|_a^b = F(b) - F(a)$$