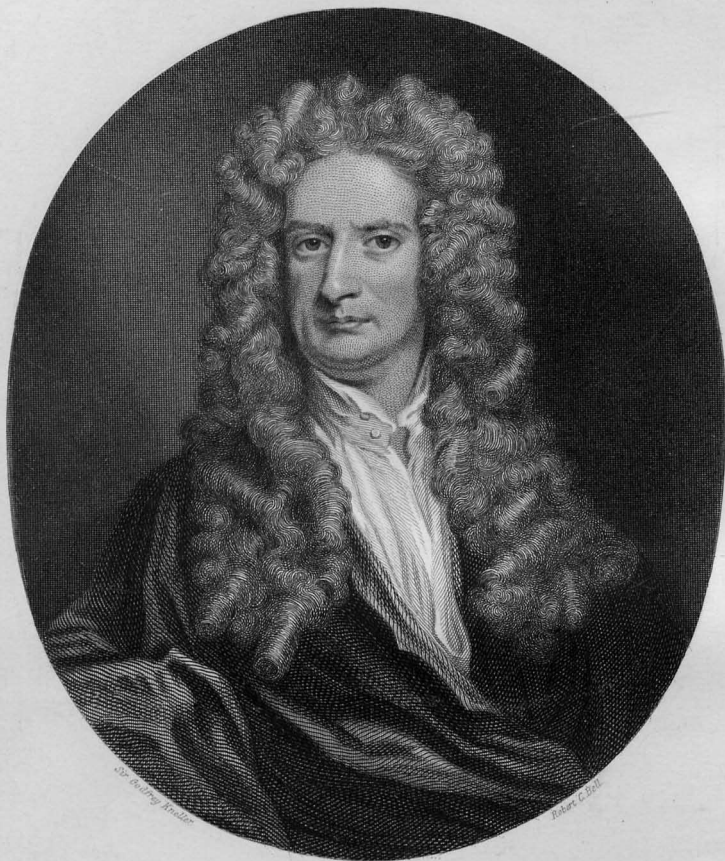


MEMOIRS  
OF  
THE LIFE, WRITINGS, AND DISCOVERIES  
OF  
SIR ISAAC NEWTON.

VOL. I.



Isaac Newton.

# MEMOIRS

OF THE

## LIFE, WRITINGS, AND DISCOVERIES

OF

## SIR ISAAC NEWTON.

BY

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ONE OF THE EIGHT ASSOCIATES OF THE IMPERIAL INSTITUTE OF FRANCE—HONORARY OR CORRESPONDING

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CHEVALIER OF THE PRUSSIAN ORDER OF MERIT OF FREDERICK

THE GREAT, AND PRINCIPAL OF THE UNITED COLLEGES OF

ST. SALVATOR AND ST. LEONARD'S, ST. ANDREWS.

*Ergo vivida vis animi pervicit, et extra*

*Processit longe flammantia mœnia mundi;*

*Atque omne immensum peragravit mente animoque.*

*LUCRETIVS, Lib. i. l. 73.*

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TO  
HIS ROYAL HIGHNESS  
P R I N C E A L B E R T, K. G.  
CHANCELLOR OF THE UNIVERSITY OF CAMBRIDGE.

SIR,

IN dedicating this Work to your Royal Highness, I seek for it the protection of a name indissolubly associated with the Sciences and the Arts. An account of the Life, Writings, and Discoveries of Sir Isaac Newton might have been appropriately inscribed to the Chancellor of the University of Cambridge, the birth-place of Newton's genius, and the scene of his intellectual achievements; but that illustrious name is more honourably placed beside that of a Prince who has given such an impulse to the Arts and Sciences of England, and whose views, were they seconded by Statesmen willing to extend Education and advance Science, would raise our country to a higher rank than it now holds, among the nations of Europe, in the arts of Peace and of War. It is from the trenches of Science alone that war can be successfully