

THE

P R E F A C E.

THE following Treatise containing the First Principles of Fluxions, though a posthumous Work, yet being the genuine Offspring (in an English Dress) of the late Sir Isaac Newton, needs no other Recommendation to the Publick, than what that Great and Venerable Name will always carry along with it.

Our Author in his Philosophy hath pushed his Researches through a prodigious Variety of remote Consequences and complicate Dependencies into the minutest Circumstances of Nature's Workings. This hath unavoidably rendered it very difficult and abstruse. Mathematicians of the first Character are obliged to study it with Care and Attention, and have Occasion for all their Skill in Algebra and Geometry to be able to comprehend the full Force and Extent of his Conclusions. Hence some previous Helps and Assurances have always been thought necessary to prepare young Students in the Mathematicks, before they attempt to enter upon these arduous Speculations, and several ingenious Gentlemen have usefully employed their Pens in drawing up Elements and Introductions to the Mathematical Principles of Philosophy, as others also have applied themselves to supply the intermediate Steps and Conclusions (by him passed over in Silence) that lead to his sublime Speculations in Geometry.