

The main business of natural philosophy: Isaac Newton's natural-philosophical methodology

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Abstrak

Based on a thorough study of Newton's extant manuscripts, this monograph will address and contextualize, inter alia, Newton's causal realism, his views on action at a distance and space and time, the status of efficient causation in the principia, the different phases of his methodology, his treatment of force and the constituents of the physico-mathematical models in the context of book of the principia, the analytic part of the argument for universal gravitation, the meaning and significance of his *regulae philosophandi*, the methodological differences between his mechanical and optical work, and, finally, the interplay between Newton's theology and his natural philosophy.