Studies in Philosophy and the History of Philosophy Volume 15

Reinterpreting Galileo

edited by William A. Wallace

THE CATHOLIC UNIVERSITY OF AMERICA PRESS Washington, D.C.

Contents

Introduction	VII
PART I: SETTING THE STAGE	
 Reinterpreting Galileo on the Basis of His Latin Manuscripts, William A. Wallace 	3
Aristotle, Galileo, and "Mixed Sciences," James G. Lennox	29
 Galileo and the Oxford Calculatores: Analytical Languages and the Mean-Speed Theorem for Accelerated Motion, Edith Dudley Sylla 	53
PART II: CONTRIBUTIONS TO SCIENCE	
4. Galileo's Astronomy, Owen Gingerich	111
 Galileo and Scientific Instrumentation, Silvio A. Bedini 	127
6. Reexamining Galileo's Dialogue, Stillman Drake	155
PART III: FAITH AND REASON	
The Rhetoric of Proof in Galileo's Writings on the Copernican System, Jean Dietz Moss	179
8. Campanella's Defense of Galileo, Bernardino M. Bonansea	205
The Methodological Background to Galileo's Trial, Maurice A. Finocchiaro	241
Notes on Contributors	273
Index	277