CONTENTS

ix

I

Acknowledgments

Introduction

	PART ONE * COSMIC IMAGINATION	
1	Kepler Sets the Earth in Motion	17
	Genealogy of the Dream: From <i>Ludus Philosophicus</i> to the Game of Fiction, 20 * The Dynamics of the Voyage: A Thought-Experiment, 27 * Vision in the Voyage, 31 * The Place of Fiction, 36	
2	Godwin, Wilkins, Cyrano: From the Optical Voyage to the Mechanical Voyage	45
	The Man in the Moone, 46 * A World in the Moon, 56 * From Heavens to the Sky: Cyrano's Other World, 63 * Conclusion: Dreams and Fictions, 71	
	PART TWO * CONJECTURAL MACHINES	
3	Fontenelle: Unveiling the Spectacle of the World	79
	Machine and Spectacle, 81 * Order of the Narrative, Harmony of the World, 84 * Fontenelle's Visions, 87	
4	Huygens: The Theoretical Voyage of the Cosmotheoros	95
	Hypotheses, Conjectures, Fictions, 97 * Architectonics of the Narrative, 114 * Conclusion: Hypotheses and Narratives, 125	

PART THREE * OBSERVING MONSTERS

5	Robert Hooke: "The Armed Eye"	133
	Micrographia, 134 * From Enargeia to Evidence, 148 * Hooke the Astronomer, 158 * Poetics of Proof, 169 * Conclusion: Instruments and Images, 172	
5	Margaret Cavendish: The Battle of Instruments	174
	"A High Heel to a Short Leg," 175 * A Teratology of Knowledge, 178 * The Empire of Fiction, 183 * Conclusion, 189	
	Conclusion	191
	Notes	203
	Bibliography	229
	Index	259