

Table of contents

Preface

1	Introduction: Fictionalism, Epistemology and Modality	1
	PART ONE	
	1. Fictionalism	
	2. Initial Plausibility	
	3. Indispensability Arguments and Inference to the Best Explanation	
	4. Problems with Platonism	
	PART TWO	
	5. Logical Implication	
	6. Nonlogical Modalities	
	7. The Anti-platonist's Resources	
2	Realism and Anti-Realism about Mathematics	53
	Postscript	77
3	Is Mathematical Knowledge Just Logical Knowledge?	79
	Postscript	119
4	On Conservativeness and Incompleteness	125
5	Platonism for Cheap? Crispin Wright on Frege's Context Principle	147

6	Can We Dispense with Space-time?	171
	1. Relationalism versus Substantivalism	
	2. Monadicism: A Third Alternative?	
	3. Fields	
	4. The Second Problem for Relationalism; Outline of Rest of Paper	
	5. Moderate Platonism and Heavy Duty Platonism	
	6. The Substantivalist Solution to the Problem of Quantities	
	7. The Problem of Quantities for the Relationalist	
	8. The Problem of Acceleration as a Special Case of the Problem of Quantities	
	9. Geometric Possibility and the Problem of Actuality	
	10. Counterfactuals and Possible Worlds	
	Postscript	225
7	Realism, Mathematics and Modality	227
	1. Realism and Truth	
	2. A Motivation for Mathematical Anti-realism	
	3. A Version of Mathematical Anti-realism	
	4. Truth and Substitutional Quantification	
	5. Modality and Metalogic	
	6. Modality is not a General Surrogate for Ontology (I)	
	7. Modality is not a General Surrogate for Ontology (II)	
	8. Putnam on Realism, Mathematics and Modality	
	Bibliography	282
	Index	286