## **Table of Contents**

1.	Introduction Physics, Philosophy, and Theology Facing Cosmological Challenges Eeva Martikainen	•
His	storical and Metaphysical Concepts of Causality	
2.	Causality and Cosmology The Arabic Debate Taneli Kukkonen	19
3.	God, Causality, and Nature Some Problems of Causality in Medieval Theology Reijo Työrinoja	45
4.	On the Relationship between Metaphysics and Physics Olli Koistinen	61
5.	The Concept of Infinity in Kant and Hegel  Jussi Kotkavirta	73
Qu	antum Mechanics and Causality	
6.	The Copenhagen Interpretation of Quantum Mechanics and the Question of Causality  Tarja Kallio-Tamminen	89
7.	Subject and Object in the Study of Nature Sami Pihlström	101
8.	Causes, Causes Three Aspects of the Idea of Cause	111



9.	Quantum Mechanics and Emergence I. A. Kieseppä	119
Dis	scussing the Theory of Everything	
10.	Time and Causality in the Theory of Everything Kari Enqvist	133
11.	The Concept of Space in Relativity Theory and Cosmology Raimo Lehti	143
12.	Spinoza in Context A Holistic Approach in Modern Terms Rainer E. Zimmermann	165
13.	Spinoza and Modern Physics Comments on Professor Zimmermann's 'Spinoza in Context' Juhani Pietarinen	187
Co.	smology and Theology	
14.	Cosmology in Science and Theology Some Perennial Differences Stanley L. Jaki	193
15.	An Axiomatic Foundation of Quantum Mechanics Paradoxes, Causality, and the Unification of Sciences Juleon M. Schins	205
16.	Cosmology, Theology, and the Question of Ultimate Explanation Heikki Kirjavainen	227
Notes on Contributors		247
Ind	Index	