## TABLE OF CONTENTS

PREFACE	v
ADOLF GRÜNBAUM: Reply to Hilary Putnam's 'An Examination of Grünbaum's Philosophy of Geometry'	1
PETER HAVAS: Causality Requirements and the Theory of Relativity	151
Comments by JOHN STACHEL	179
DAVID FINKELSTEIN: Matter, Space and Logic	199
HILARY PUTNAM: Is Logic Empirical?	216
AAGE PETERSEN: On the Philosophical Significance of the Correspondence Argument	242
BERNARD R. GRUNSTRA: On Distinguishing Types of Measurement	253
I. BERNARD COHEN: Hypotheses in Newton's Philosophy	304
R. FÜRTH: The Role of Models in Theoretical Physics	327
мінаіго маккоvić: The Problem of Truth	341
P. ROMAN: Symmetry in Physics	363
WOLFGANG YOURGRAU: Verification or Proof – An Undecided Issue?	370
MILIČ ČAPEK: Ernst Mach's Biological Theory of Knowledge	400
JUNE GOODFIELD: Theories and Hypotheses in Biology: Theoretical Entities and Functional Explanation	421
Comments on 'Theories and Hypotheses in Biology'	450

## TABLE OF CONTENTS

Comments: Theoretical Entities Versus Theories	
by Joseph agassi	45′
CARL-FRIEDRICH VON WEIZSÄCKER: The Unity of Physics	460
Supplementary Comments to Weizsäcker's Paper	
by Francis J. Zucker	474