

TABLE OF CONTENTS

PREFACE AND ACKNOWLEDGEMENTS	vii
------------------------------	-----

INTRODUCTION: Conflict over Philosophy of Technology as an Academic Field – Paul T. Durbin	ix
---	----

PART I THE NATURE OF PHILOSOPHY OF TECHNOLOGY

JOSEPH C. PITT / In Search of a New Prometheus	3
FREDERICK FERRÉ / Defining Horizons: A Reply to Joseph C. Pitt	17
PETER LIMPER / Process Themes in Frederick Ferré's <i>Philosophy of Technology</i>	25
FREDERICK FERRÉ / Clarifying and Applying Intelligence: A Reply to Peter Limper	37

PART II DEFICIENCIES IN ENGINEERING ETHICS

TAFT H. BROOME, Jr. / Imagination for Engineering Ethicists	45
LANGDON WINNER / Engineering Ethics and Political Imagination	53

PART III SYSTEMS THEORIES

SYTSE STRIJBOS / Computer and World Picture: A Critical Ap- praisal of Herbert A. Simon	67
LADISLAV TONDL / Changes in Cognitive and Value Orientations in System Design	87

PART IV
HISTORICAL, CULTURAL, AND POLITICAL CRITIQUES

ANDREW FEENBERG / Democratic Socialism and Technological Change	101
STEVEN L. GOLDMAN / Philosophy, Engineering, and Western Culture	125
JOSÉ SANMARTÍN / Alternatives for Evaluating the Effects of Genetic Engineering on Human Development	153
RAPHAEL SASSOWER / The Alarmist View of Technology	167
D. J. WENNEMANN / An Interpretation of Jacques Ellul's Dialectical Method	181
INDEX	193