## **Contents**

L	ist of contributors	vii
Preface		ix
1.	Technology and investment: crucial issues for the 1990s Enrico Deiaco, Erik Hörnell and Graham Vickery	1
2.	On diffusion, investment and the process of technological change Stan Metcalfe	17
3.	New technology and work organization Paul Osterman	39
4.	Business strategies for new technologies Ove Granstrand, Christer Oskarsson, Niklas Sjöberg and Sören Sjölander	64
5.	Technological trajectories and corporate strategies in the diffusion of biotechnology  Margaret Sharp	93
6.	Productivity analysis: a micro-to-macro perspective Bo Carlsson	115
7.	General-purpose engines, investment and productivity growth: from the dynamo revolution to the computer revolution <i>Paul A. David</i>	141
8.	The efficiency of innovation subsidies Stefan Fölster	155
9.	The determinants of investment in R&D and the role of public policies: an evaluation Frieder Meyer-Krahmer	167

## vi CONTENTS

10.	Trade, technology and national competition  John Zysman with Laura Tyson, Giovanni Dosi and  Stephen Cohen	185
11.	Concluding remarks Enrico Deiaco, Erik Hörnell and Graham Vickery	212
Index		228