

# CONTENTS

List of Illustrations	ix
List of Tables	xiii
Preface	xv
Contributors	xvii
1. <b>Economic Growth and Business Cycles</b>	1
Thomas F. Cooley and Edward C. Prescott	
2. <b>Recursive Methods for Computing Equilibria of Business Cycle Models</b>	39
Gary D. Hansen and Edward C. Prescott	
3. <b>Computing Equilibria of Nonoptimal Economies</b>	65
Jean-Pierre Danthine and John B. Donaldson	
4. <b>Models with Heterogeneous Agents</b>	98
José-Víctor Ríos-Rull	
5. <b>Business Cycles and Aggregate Labor Market Fluctuations</b>	126
Finn E. Kydland	
6. <b>Household Production in Real Business Cycle Theory</b>	157
Jeremy Greenwood, Richard Rogerson, and Randall Wright	
7. <b>Money and the Business Cycle</b>	175
Thomas F. Cooley and Gary D. Hansen	

8.	<b>Non-Walrasian Economies</b>	217
	Jean-Pierre Danthine and John B. Donaldson	
9.	<b>Dynamic General Equilibrium Models with Imperfectly Competitive Product Markets</b>	243
	Julio J. Rotemberg and Michael Woodford	
10.	<b>Asset Pricing Implications of Equilibrium Business Cycle Models</b>	294
	K. Geert Rouwenhorst	
11.	<b>International Business Cycles: Theory and Evidence</b>	331
	David K. Backus, Patrick J. Kehoe, and Finn E. Kydland	
12.	<b>Policy Analysis in Business Cycle Models</b>	357
	V. V. Chari, Lawrence J. Christiano, and Patrick J. Kehoe	
	Bibliography	393
	Author Index	413
	Subject Index	417

# ILLUSTRATIONS

1.1	Log of Real GNP and Its Growth Component	28
1.2	H-P-Filtered Cyclical Component and Log-Differenced Real GNP	29
3.1	Monotone Operator Solution	78
5.1	Total Hours (Household Survey) and Real GNP	128
5.2	Hours per Worker and Real GNP	129
5.3	Total Employment and Real GNP	130
5.4	Total Hours (Establishment Survey) and Real GNP	131
5.5	Average Productivity (Establishment Survey) and Real GNP	132
5.6	Average Hourly Real Compensation and Real GNP	133
7.1	Detrended GNP and M1	178
7.2	Detrended GNP and M2	179
7.3	Confusion Model: Response to a Persistent Shock	192
7.4	Confusion Model: Response to a Transitory Shock	193
7.5	Confusion Model: Response to a Noise Shock	194
7.6	Cash-in-Advance Model: Response to a Money Growth Shock	202
7.7	Model with Nominal Contracts: Response to a Money Growth Shock	211
9.1	Response of Output and Hours to a 1 Percent Shock to Government Purchases	263
9.2	Response of Real Wage to a 1 Percent Shock to Government Purchases	264
9.3	Response of Output and Hours to a 1 Percent Technology Shock	270
9.4	Response of Output, Hours, Consumption, and Investment to a 1 Percent Markup Shock, $\rho^\mu = 0.9$	277
9.5	Response of Output, Hours, Consumption, and Investment to a Markup Shock, $\rho^\mu = 0$	278
9.6	Response of Real Wage to Markup Shocks	279
9.7	Response of Output and Hours to Changes in Government Purchases: The Case of Endogenously Varying Markups	286
9.8	Response of Real Wage to Changes in Government Purchases: The Case of Endogenously Varying Markups	287
10.1	Quantity Responses to Temporary Technology Shock in DT Model with $\sigma_c = 1$	309
10.2	Price Responses to Temporary Technology Shock in DT Model with $\sigma_c = 1$	310