# Contents

<table>
<thead>
<tr>
<th>List of figures</th>
<th>page vii</th>
</tr>
</thead>
<tbody>
<tr>
<td>List of tables</td>
<td>viii</td>
</tr>
<tr>
<td>List of contributors</td>
<td>ix</td>
</tr>
</tbody>
</table>

Introduction: structural dynamics and contemporary growth theory  
**RICHARD ARENA AND PIER LUIGI PORTA**

## Part I  Structural dynamics: past and present  35

1 Structural change: some historical aspects of Pasinetti’s work with special reference to classical economics  37
**PETER D. GROENEWEGEN**

2 Structural dynamics in historical perspective  49
**MARIO POMINI**

3 Two approaches to the study of structural change and economic development: Kuznets and Pasinetti  69
**MOSHE SYRQUIN**

4 Analyzing knowledge flows by means of vertical integration  88
**ÖNDER NOMALER AND BART VERSPAGEN**

5 Growth: towards a structural endogenous macro-model  125
**WILLIAM J. BAUMOL**

## Part II  Structural dynamics: the Cambridge Keynesian perspective  135

6 Luigi Pasinetti: the senior living heir of the Cambridge School of Economics and the last of the great system-builders  137
**GEOFFREY HARCOURT**
## Table of Contents

### Part I

7 Towards a synthesis in Post-Keynesian economics in Luigi Pasinetti’s contribution
   **Heinrich Bortis**

8 Growth theory, structural dynamics and the analysis of consumption
   **Davide Gualerzi**

9 Luigi Pasinetti’s structural economic dynamics and the employment consequences of new technologies
   **Harald Hagemann**

10 The concept of ‘natural economic system’: a tool for structural analysis and an instrument for policy design
    **Roberto Scazzieri**

11 Structural change and invariable standards
    **Takashi Yagi**

### Part II

#### Epilogue: structural dynamics as part of the ‘unfinished revolution’

On Pasinetti and the unfinished Keynesian Revolution
   **Robert M. Solow**

First afterword: Pasinetti on structural dynamics
   **Robert M. Solow**

Growth and structural change: perspectives for the future
   **Luigi L. Pasinetti**

Second afterword: the significance of structural economic dynamics
   **Luigi L. Pasinetti**

### Index

- 288
## Figures

4.1 Stylized patent-citation network graph  
4.2 Stylized citation network graph used to illustrate formal approach  
4.3 The construction of the patent citation flow table  
4.4 Science intensity and net science multipliers ($\lambda$ and $\gamma$)  
4.5 Use pervasiveness versus supply pervasiveness  
4.6 MDS map of mutual knowledge dependencies among the sectors  
9.1 Structural economic dynamics: analytical perspectives  
11.1 Effective wage curve  
11.2 Real wage curve
Table

4.1 Factor analysis on the indicators  

page 103