

Contents

<i>List of Figures</i>	xi
<i>Preface</i>	xiii
<i>Introduction: labour management and socialism</i>	xvii
1 Economic calculation in socialism: early contributions	1
1.1 Introduction	1
1.2 Mises' criticisms of command economy	1
1.3 Economic calculation in a socialist economy: Barone's contribution	3
1.4 Taylor's contribution	7
1.5 A few observations on Barone's and Taylor's contributions	9
1.6 The main difference between the models of Barone and Taylor	12
1.7 Are economic laws eternal?	13
1.8 Hayek's contention that socialism cannot work	15
1.9 The Austrian interpretation of the models of Barone and Taylor	17
2 Socialism and market: Lange's contribution and Marxist theory	25
2.1 Lange on the economics of socialism	25
2.2 Lange's rule and the maximization of welfare	27
2.3 Further aspects of Lange's contribution	28
2.4 A first comment on Lange's analysis	30
2.5 Marxist criticisms of Lange's contribution	32
2.6 Neo-Ricardian objections	34
2.7 Controversial issues in Lange's analysis	35
2.8 Dobb's critical review of Lange's theory	36
2.9 A comment on Dobb's criticisms	38
2.10 The relevance of Dobb's contribution	41
3 Liberalist criticisms of the Lange model	49
3.1 Introduction	49
3.2 The computer as a substitute for the market	50
3.3 The role of the computer in centralized planning: critical considerations	52

3.4	Hayek's criticisms of the competitive model of socialism	55
3.5	Mises' and Halm's replies	59
3.6	Further criticisms of Lange's model	61
3.7	The main contradiction in Lange's model	64
3.8	The Lange-Taylor model	65
3.9	Lavoie's criticisms of Lange's model	67
3.10	The so-called 'information paradigm' and the latest criticisms of the Lange model	71
4	Socialism with autonomous firms	80
4.1	Introduction	80
4.2	Lange on the economic laws in socialism	81
4.3	Lange and the public enterprise	83
4.4	The role of computers in market socialism: further observations	84
4.5	The so-called 'Hungarian model'	86
4.6	Market socialism and its critics: the state of the debate	88
4.7	Two forms of market socialism	90
4.8	Further observations on the debate in the 1930s	94
4.9	Possible forms of socialism with autonomous firms	96
5	On the taxonomy of economic systems	100
5.1	Introduction	100
5.2	Some definitions of socialism	100
5.3	The allocation of resources in socialism	103
5.4	Socialism and the public ownership of production means	105
5.5	Firm ownership does not exist	107
5.6	Criticisms of Ellerman's contribution	109
5.7	Capitalism and its opposite	112
5.8	Managerial socialism or labour management?	113
5.9	Conclusion	114
6	Market socialism and income distribution	120
6.1	Introduction	120
6.2	Income distribution in Barone's and Taylor's contributions	121
6.3	Income distribution in Lange's contribution	123
6.4	Dobb's criticisms	124
6.5	Are the laws of distribution mechanically determined?	126
6.6	Income distribution in managerial socialism	129
6.7	Income distribution in a labour-managed economic system	130

6.8	The division of labour in a labour-managed economic system: introductory remarks	133
6.9	Conclusions	135
Appendix	Labour management and alienation	139
7	An introduction to the theory of the labour-managed firm	143
7.1	Statism and socialism	143
7.2	The reversal of the capital-labour relation in a labour-managed economy	144
7.3	The general principle of behaviour in labour-managed firms	146
7.4	Further observations on income distribution in a labour-managed economic system	147
7.5	The issue of motivation in economic activity	149
7.6	Motivation in a labour-managed economy	151
7.7	The separation of ownership from control in firms	152
7.8	Cooperation and economic crisis in Keynesian theory	153
7.9	Are economic crises possible in a labour-managed economy?	155
7.10	Labour management and exploitation	157
8	Equilibrium of the self-managed firm	161
8.1	Definition of the self-managed firm	161
8.2	Types of firms	162
8.3	Short-term equilibrium	164
8.4	Graphic representation of the short-term equilibrium	166
8.5	The self-managed firm and the capitalistic firm	169
8.6	Variations of market conditions	172
8.7	The long-term adjustments	175
Appendix	The self-managed firm under monopoly	178
9	Criticism of Ward's model	183
9.1	Introduction	183
9.2	Initial criticisms of the basic model	184
9.3	Multifactor and multiproduct firms	186
9.4	The role of the external supply of labour: Domar's contribution	188
9.5	The case of overemployment and a comment on Domar	191
9.6	Equilibrium with variable working time	193
9.7	Equilibrium with variable working time: variations in market conditions	196
9.8	Meade's 'inegalitarian cooperative'	202
9.9	Conclusions	206

10	Self-managed firms and underinvestment	210
10.1	Introduction	210
10.2	The case of the capitalistic firm	211
10.3	The WMF and the prominent interest rate	212
10.4	The WMF and underinvestment	216
10.5	The WMF and the <i>Furubotn-Pejovich effect</i>	220
10.6	Limited time horizon: the case of the LMF	222
10.7	The LMF and the distortion of investments	225
10.8	More on the WMF and the LMF	228
10.9	The case of the cooperative in Western countries	231
10.10	The problem of depreciation	232
10.11	Conclusions	235
11	Property rights and the financing of the cooperative firm	240
11.1	Introduction	240
11.2	More on the 'overturning' of the capital-labour relationship	240
11.3	Financing through share issue	242
11.4	Underinvestment, the sale of positions and the right to leave	244
11.5	Guarantees for the firm's creditors	246
11.6	Difficulties with the financing of the self-managed firm	248
11.7	More on the difficulties of financing and a comment on Drèze	250
11.8	Portfolio diversification in self-managed firms	251
11.9	Opportunistic behaviour by debtors	255
11.10	Who owns the self-managed firm?	257
11.11	On the property rights of partners	259
12	Neo-institutionalism and the cooperative firm	264
12.1	Introduction	264
12.2	The theory of the firm of Alchian and Demsetz and self-managed firms	265
12.3	Criticism of the contribution of Alchian and Demsetz	267
12.4	On-the-job consumption and the efficiency of cooperatives	271
12.5	Asset specificity and the existence of the firm	275
12.6	Investment in human capital and the cooperative firm	277
12.7	Monitoring and residual claimancy according to Barzel	281
12.8	Criticism of Barzel's theory	283
12.9	The problem of take-overs	285

13	Self-management and the social foundation of character	292
13.1	Introduction	292
13.2	The social foundation of character in the history of thought	294
13.3	Smith and Mill on the social foundation of character	295
13.4	Marshall and the social foundation of character	298
13.5	More on Marshall and the formation of character	300
13.6	Marshall and the cooperative movement	300
13.7	Marshall, the cooperative movement and communism	301
13.8	Keynes and socialism	303
13.9	Keynes and socialism: comment	305
13.10	Conclusion	307
14	Conclusion	313
	<i>Bibliography</i>	323
	<i>Index</i>	369

Figures

8.1	Short-term equilibrium of the self-managed firm in perfect competition	168
8.2	Short-term equilibrium of the self-managed firm and the capitalistic firm in perfect competition	171
8.3	Reactions of the self-managed firm and the capitalistic firm to variations of market conditions	173
8A.1	Effect of monopoly on employment in the self-managed firm	179
8A.2	The self-managed firm and the capitalistic firm under perfect competition and monopoly	180
9.1	Introduction of the external supply of labour in the basic model	189
9.2	Internal supply of labour	194
9.3	Effect of variations in fixed costs on internal supply of labour	197
9.4	Effect of variations of price on employment when income effect is absent	198
9.5	Effect of variations of price on employment when income effect is stronger than substitution effect	200
9.6	Effect of variations of price on employment when substitution effect is stronger than income effect	201
10.1	The median partner and three different distributions of workers by age	214
10.2	Relation between the return generated by the investment and the market interest rate	215
10.3	Effect on self-financing of the difference between the market interest rate and the return generated by the investment	217
10.4	Investments, self-financing and the supply of savings to the market outside the worker-managed firm	218
10.5	The measurement of underinvestment of the worker-managed firm	219
10.6	The worker-managed firm with the possibility of external financing	229