Contents

| | | List | vii | |
|---|---|--------------------|---|-----|
| | | Pref | ix | |
| X | 1 | Introduction | | 1 |
| | | 1.1 | Context, subtext, pretext | 1 |
| | | 1.2 | Text | 7 |
| | 2 | The | 11 | |
| | | 2.1 | Introduction | 11 |
| | | 2.2 | Exhuming the concept of economic space | 14 |
| | | 2.3 | The nature of a field | 21 |
| | | 2.4 | Convergence of criticism | 30 |
| | | 2.5 | The point of departure | 48 |
| | | 2.6 | Conclusion | 50 |
| | 3 | 3 Economic systems | | 55 |
| | | 3.1 | Introduction | 55 |
| | | 3.2 | On connections in an economic system | 56 |
| | | 3.3 | The definition of an economic system | 61 |
| | | 3.4 | System-element duality and hyperstructure | 68 |
| | | 3.5 | The building blocks of economic systems | 71 |
| | | 3.6 | The arithmetic of evolutionary systems | 76 |
| | | 3.7 | Conclusion | 79 |
| | 4 | Syst | ems theory and complexity | 83 |
| | | 4.1 | Introduction | 83 |
| | | 4.2 | Coordination in state-space | 84 |
| | | 4.3 | Evolution towards complexity | 91 |
| | | 4.4 | Economic systems and complexity | 93 |
| | | 4.5 | Equilibrium, coordination and complexity | 100 |
| | | 4.6 | Complex economic behaviour and efficiency | 106 |
| | | 4.7 | Conclusion | 108 |

Contents

| Ç | | | | |
|----------|---|---------|--|-----|
| 10 | 5 | The mi | croeconomic agent | 111 |
| | | | ntroduction | 111 |
| | | 5.2 T | he agent: hetero economicus | 112 |
| | | 5.3 A | gent interaction | 125 |
| | | 5.4 C | conclusion: the agent as a complex system | 130 |
| X | 6 | Produc | ction systems and competence | 135 |
| ĺ | | 6.1 In | ntroduction | 135 |
| | | 6.2 C | In the theory of the firm and the theory of production | 136 |
| | | | he evolutionary microeconomics of the household | 141 |
| | | 6.4 T | he evolutionary microeconomics of knowledge production | 155 |
| | | 6.5 C | Conclusion | 158 |
| K | 7 | The the | eory of expectations | 161 |
| | | | ntroduction | 161 |
| | | | Vhat are expectations? | 163 |
| | | | robability and expectations | 169 |
| | | | Expectations and plans | 173 |
| | | | Expectations and experts | 174 |
| | | | In populations of model-using agents | 176 |
| | | 7.7 A | A multiagent framework | 177 |
| | | 7.8 C | Conclusion | 178 |
| X | 8 | Conclu | | 181 |
| | | | Amidst the shadows of economic theory | 181 |
| | | | Prospects for evolutionary microeconomics | 184 |
| | | 8.3 (| Conclusion | 194 |
| \times | | Referen | nces | 201 |
| | | Index | | 229 |