

# Contents

Acknowledgments	ix
<b>1 What Are Institutions? How Should We Approach Them?</b>	<b>1</b>
1.1 Three Views of Institutions in a Game-Theoretic Perspective	4
1.2 Aspects of Institutions: Shared Beliefs, Summary Representations of Equilibrium, and Endogenous Rules of the Game	10
1.3 Organization of the Book	21
<b>I PROTO-INSTITUTIONS: INTRODUCING BASIC TYPES</b>	<b>31</b>
<b>2 Customary Property Rights and Community Norms</b>	<b>35</b>
2.1 Customary Property Rights as a Self-organizing System	35
2.2 Community Norms as a Self-enforcing Solution to the Commons Problem	43
Appendix: History versus Ecology as a Determinant of a Norm: The Case of Yi Korea	55
<b>3 The Private-Ordered Governance of Trade, Contracts, and Markets</b>	<b>59</b>
3.1 Traders' Norms	62
3.2 Cultural Beliefs and Self-enforcing Employment Contracts	68
3.3 Private Third-Party Governance: The Law Merchant	73
3.4 Moral Codes	76
3.5 Overall Market Governance Arrangements	78
Appendix: Money as an Evolutive Convention	91
<b>4 Organizational Architecture and Governance</b>	<b>95</b>
4.1 Organizational Building Blocks: Hierarchical Decomposition, Information Assimilation, and Encapsulation	98
4.2 Types of Organizational Architecture	106
4.3 Governance of Organizational Architecture: A Preliminary Discussion	118
<b>5 The Co-evolution of Organizational Conventions and Human Asset Types</b>	<b>129</b>
5.1 Types of Mental Programs: Individuated versus Context-Oriented Human Assets	131
5.2 The Evolutionary Dynamics of Organizational Conventions	135
5.3 The Interactions of Organizational Fields and Gains from Diversity	140
5.4 The Relevance and Limits of the Evolutionary Game Model	147
<b>6 States as Stable Equilibria in the Polity Domain</b>	<b>151</b>
6.1 Three Prototypes of the State	153
6.2 Various Forms of the Democratic and Collusive States	160

<b>II</b>	<b>A GAME-THEORETIC FRAMEWORK FOR INSTITUTIONAL ANALYSIS</b>	<b>181</b>
<b>7</b>	<b>A Game-Theoretic Concept of Institutions</b>	<b>185</b>
7.1	Exogenous Rules of the Game and Endogenous Action-Choice Rules	186
7.2	The Institution as a Summary Representation of an Equilibrium Path	197
7.3	Feedback Loops of Institutionalization	202
<b>8</b>	<b>The Synchronic Structure of Institutional Linkage</b>	<b>207</b>
8.1	Social Embeddedness	208
8.2	Linked Games and Institutionalized Linkages	213
8.3	Institutional Complementarity	225
<b>9</b>	<b>Subjective Game Models and the Mechanism of Institutional Change</b>	<b>231</b>
9.1	Why Are Overall Institutional Arrangements Enduring?	233
9.2	Subjective Game Models and General Cognitive Equilibrium	235
9.3	The Mechanism of Institutional Change: The Cognitive Aspect	239
<b>10</b>	<b>Diachronic Linkages of Institutions</b>	<b>245</b>
10.1	Overlapping Social Embeddedness	247
10.2	The Reconfiguration of Bundling	260
10.3	Diachronic Institutional Complementarity	267
<b>III</b>	<b>AN ANALYSIS OF INSTITUTIONAL DIVERSITY</b>	<b>275</b>
<b>11</b>	<b>Comparative Corporate Governance</b>	<b>279</b>
11.1	Governance of the Functional Hierarchy	282
11.2	Codetermination in the Participatory Hierarchy	287
11.3	Relational-Contingent Governance of the Horizontal Hierarchy	291
<b>12</b>	<b>Types of Relational Financing and the Value of Tacit Knowledge</b>	<b>307</b>
12.1	A Generic Definition of Relational Financing and Its Knowledge-Based Taxonomy	310
12.2	The Institutional Viability of Relational Financing	314
<b>13</b>	<b>Institutional Complementarities, Co-emergence, and Crisis: The Case of the Japanese Main Bank System</b>	<b>329</b>
13.1	The Main Bank Institution as a System of Shared Beliefs	331
13.2	Institutional Emergence: Unintended Fits	333
13.3	Endogenous Inertia, Misfits with Changing Environments, and a Crisis of Shared Beliefs	340

<b>14</b>	<b>Institutional Innovation of the Silicon Valley Model in the Product System Development</b>	<b>347</b>
14.1	Information-Systemic Architecture of the Silicon Valley Model	349
14.2	The VC Governance of Innovation by Tournament	360
14.3	Norms and Values in the Silicon Valley Model	366
	Appendix: The Stylized Factual Background for Modeling	371
<b>15</b>	<b>Epilogue: Why Does Institutional Diversity Continue to Evolve?</b>	<b>377</b>
15.1	Some Stylized Models of Overall Institutional Arrangements	377
15.2	Self-organizing Diversity in the Global Institutional Arrangement	386
	Notes	395
	References	433
	Index	457