

Contents

Preface xvii

Acknowledgments xxi

Introduction 1

THE SKELETON OF THEORY

- 1 Coalitions in the Mind 19
 - General Theory of Interaction Rituals 20
 - The Interaction Rituals of Intellectuals 24
 - The Opportunity Structure 37
 - The Sociology of Thinking 46

- 2 Networks across the Generations 54
 - The Rarity of Major Creativity 54
 - Who Will Be Remembered? 58
 - What Do Minor Philosophers Do? 61
 - The Structural Mold of Intellectual Life: Long-Term Chains
in China and Greece 64
 - The Importance of Personal Ties 68
 - The Structural Crunch 74

- 3 Partitioning Attention Space:
The Case of Ancient Greece 80
 - The Intellectual Law of Small Numbers 81
 - The Forming of an Argumentative Network and the
Launching of Greek Philosophy 82
 - How Long Do Organized Schools Last? 89
 - Small Numbers Crisis and the Creativity of the
Post-Socratic Generation 97

The Hellenistic Realignment of Positions	103
The Roman Base and the Second Realignment	109
The Stimulus of Religious Polarization	119
The Showdown of Christianity versus the Pagan United Front	123
Two Kinds of Creativity	131

**COMPARATIVE HISTORY OF
INTELLECTUAL COMMUNITIES**

Part I: Asian Paths

4 Innovation by Opposition: Ancient China	137
The Sequence of Oppositions in Ancient China	137
Centralization in the Han Dynasty: The Forming of Official Confucianism and Its Opposition	153
The Changing Landscape of External Supports	158
The Gentry-Official Culture: The Pure Conversation Movement and the Dark Learning	168
Class Culture and the Freezing of Creativity in Indigenous Chinese Philosophy	174
5 External and Internal Politics of the Intellectual World: India	177
Sociopolitical Bases of Religious Ascendancies	178
Religious Bases of Philosophical Factions: Divisions and Recombination of Vedic Ritualists	193
The Crowded Competition of the Sages	195
Monastic Movements and the Ideal of Meditative Mysticism	200
Anti-monastic Opposition and the Forming of Hindu Lay Culture	208
Partitioning the Intellectual Attention Space	213
The Buddhist-Hindu Watershed	224
The Post-Buddhist Resettlement of Intellectual Territories	255
Scholasticism and Syncretism in the Decline of Hindu Philosophy	268

6 Revolutions of the Organizational Base: Buddhist and Neo-Confucian China	272
Buddhism and the Organizational Transformation of Medieval China	274
Intellectual Foreign Relations of Buddhism, Taoism, and Confucianism	279
Creative Philosophies in Chinese Buddhism	281
The Ch'an (Zen) Revolution	290
The Neo-Confucian Revival	299
The Weak Continuity of Chinese Metaphysics	316
7 Innovation through Conservatism: Japan	322
Japan as Transformer of Chinese Buddhism	326
The Inflation of Zen Enlightenment and the Scholasticization of Koan	341
Tokugawa as a Modernizing Society	347
The Divergence of Secularist Naturalism and Neoconservatism	361
Conservatism and Intellectual Creativity	367
The Myth of the Opening of Japan	369

Conclusions to Part I:	
The Ingredients of Intellectual Life	379

**COMPARATIVE HISTORY OF
INTELLECTUAL COMMUNITIES**

Part II: Western Paths

8 Tensions of Indigenous and Imported Ideas: Islam, Judaism, Christendom	387
Philosophy within a Religious Context	388
The Muslim World: An Intellectual Community Anchored by a Politicized Religion	392
Four Factions	395
Realignment of Factions in the 900s	407
The Culmination of the Philosophical Networks: Ibn Sina and al-Ghazali	417
Routinization of Sufis and Scholastics	423
Spain as the Hinge of Medieval Philosophy	428
Coda: Are Idea Imports a Substitute for Creativity?	446

9 Academic Expansion as a Two-Edged Sword: Medieval Christendom	451
The Organizational Bases of Christian Thought	455
The Inner Autonomy of the University	463
The Breakup of Theological Philosophy	485
Intellectuals as Courtiers: The Humanists	497
The Question of Intellectual Stagnation	501
Coda: The Intellectual Demoralization of the Late Twentieth Century	521
10 Cross-Breeding Networks and Rapid-Discovery Science	523
A Cascade of Creative Circles	526
Philosophical Connections of the Scientific Revolution	532
Three Revolutions and Their Networks	556
The Mathematicians	557
The Scientific Revolution	559
The Philosophical Revolution: Bacon and Descartes	562
11 Secularization and Philosophical Meta-territoriality	570
Secularization of the Intellectual Base	573
Geopolitics and Cleavages within Catholicism	574
Reemergence of the Metaphysical Field	587
Jewish Millennialism and Spinoza's Religion of Reason	589
Leibniz's Mathematical Metaphysics	591
Rival Philosophies upon the Space of Religious Toleration	594
Deism and the Independence of Value Theory	600
The Reversal of Alliances	603
Anti-modernist Modernism and the Anti-scientific Opposition	609
The Triumph of Epistemology	613
12 Intellectuals Take Control of Their Base: The German University Revolution	618
The German Idealist Movement	622
Philosophy Captures the University	638
Idealism as Ideology of the University Revolution	650
Political Crisis as the Outer Layer of Causality	661
The Spread of the University Revolution	663

13 The Post-revolutionary Condition: Boundaries as Philosophical Puzzles	688
Meta-territories upon the Science-Philosophy Border	694
The Social Invention of Higher Mathematics	697
The Logicism of Russell and Wittgenstein	709
The Vienna Circle as a Nexus of Struggles	717
The Ordinary Language Reaction against Logical Formalism	731
Wittgenstein's Tortured Path	734
From Mathematical Foundations Crisis to Husserl's Phenomenology	737
Heidegger: Catholic Anti-modernism Intersects the Phenomenological Movement	743
Division of the Phenomenological Movement	748
The Ideology of the Continental-Anglo Split	751
14 Writers' Markets and Academic Networks: The French Connection	754
The Secularization Struggle and French Popular Philosophy	757
Existentialists as Literary-Academic Hybrids	764
Envoi: Into the Fog of the Present	782

META-REFLECTIONS

15 Sequence and Branch in the Social Production of Ideas	787
The Continuum of Abstraction and Reflexivity	787
Three Pathways: Cosmological, Epistemological- Metaphysical, Mathematical	800
The Future of Philosophy	856
Epilogue: Sociological Realism	858
The Sociological Cogito	858
Mathematics as Communicative Operations	862
The Objects of Rapid-Discovery Science	870
Why Should Intellectual Networks Undermine Themselves?	875

Appendices

1. <i>The Clustering of Contemporaneous Creativity</i>	883
2. <i>The Incompleteness of Our Historical Picture</i>	890
3. <i>Keys to Figures</i>	893
<i>Notes</i>	947
<i>References</i>	1035
<i>Index of Persons</i>	1069
<i>Index of Subjects</i>	1089

Figures, Maps, and Tables

FIGURES

2.1 Network of Chinese Philosophers, 400–200 B.C.E.	55
2.2 Network of Greek Philosophers from Socrates to Chrysippus	56
3.1 Forming the Network of Greek Philosophers, 600–465 B.C.E.	83
3.2 Centralization of the Greek Network in Athens, 465–365 B.C.E.	88
3.3 Organized Schools of Greek Philosophy, 600 B.C.E.–100 C.E.	91
3.4 Proliferation and Recombination of the Greek Schools, 400–200 B.C.E.	96
3.5 Realignment of Schools in the Roman Conquest, 200 B.C.E.–1 C.E.	110
3.6 Syncretisms and Skepticism, 1–200 C.E.	117
3.7 Showdown of Neoplatonists and Christians, 200–400	124
3.8 Neoplatonists under Christian Triumph, 400–600	130
4.1 Emergence of Chinese Network, 500–365 B.C.E.: Rival Confucian Lineages, Mohists, Primitivists	139
4.2 Intersecting Centers of the Warring States, 365–200 B.C.E.	144
4.3 Han Dynasty Transition and Forming of Official Confucianism, 235 B.C.E.–100 C.E.	159
4.4 Later Han Dynasty Disintegration and the Dark Learning, 100–300 C.E.	170
5.1 Indian Network, 800–400 B.C.E.: The Founding Rivalries	201
5.2 India, 400 B.C.E.–400 C.E.: Age of Anonymous Texts	210
5.3 Lineages of Buddhist Sects, 400 B.C.E.–900 C.E.	214
5.4 Conflict of Buddhist and Hindu Schools, 400–900 C.E.	225