Preface Jürgen Renn

- 1 The Globalization of Knowledge in History: An Introduction / Jürgen Renn and Malcolm D. Hyman
- 2 Knowledge and Science in Current Discussions of Globalization / Helge Wendt and Jürgen Renn
- 3 Survey: From Technology Transfer to the Origins of Science / Malcolm D. Hyman and Jürgen Renn
- 4 Technological Transfer and Innovation in Ancient Eurasia / Daniel T. Potts
- 5 Writing, Language and Textuality: Conditions for the Transmission of Knowledge in the Ancient Near East / Eva Cancik-Kirschbaum
- 6 The Origins of Writing and Arithmetic / Peter Damerow
- 7 Globalization of Ancient Knowledge: From Babylonian Observations to Scientific Regularities / Gerd Graßhoff
- 8 The Creation of Second-Order Knowledge in Ancient Greek Science as a Process in the Globalization of Knowledge / Mark Schiefsky
- 9 Survey: Knowledge as a Fellow Traveler / Jürgen Renn
- 10 The Spread of Buddhism as Globalization of Knowledge / Jens Braarvig
- 11 The Transmission of Scientific Knowledge from Europe to China in the Early Modern Period / Matthias Schemmel
- 12 Normative Islam and Global Scientific Knowledge / Birgit Krawietz
- 13 From Khwarazm to Cordoba: The Propagation of Non-Religious Knowledge in the Islamic Empire / Gotthard Strohmaier
- 14 The Sciences in Europe: Transmitting Centers and the Appropriating Peripheries / Manolis Patiniotis and Kostas Gavroglu
- 15 The Naturalization of Modern Science in South Asia: A Historical Overview of the Processes of Domestication and Globalization / Dhruv Raina
- 16 Survey: The Place of Local Knowledge in the Global Community / Jürgen Renn
- 17 Taking China to the World, Taking the World to China: Chen Hengzhe and an Early Globalizing Project / Denise Gimpel
- 18 The Introduction of the European University System in Brazil / Oscar Abdounur and Adriana Cesar de Mattos
- 19 Celestial Navigation and Technological Change on Moce Island / Jarita C. Holbrook 20 Translation of Central Banking to Developing Countries in the Post-World War II Period: The Case of the Bank of Israel / Arie Krampf
- 21 On Juridico-Political Foundations of Meta-Codes / Richard Rottenburg
- 22 The (Ir)Relevance of Local Knowledge: Circuits of Medicine and Biopower in the Neoliberal Era / Hansjörg Dilger
- 23 The Transformations of Knowledge Through Cultural Interactions in Brazil: The Case of the Tupinikim and the Guarani / Circe Mary Silva da Silva and Ligia Arantes Sad
- 24 Survey: The Globalization of Modern Science / Jürgen Renn and Malcolm D. Hyman
- 25 The University of the 21st Century: An Aspect of Globalization / Yehuda Elkana
- 26 The Soviet Psychologists and the Path to International Psychology / Ludmila Hyman
- 27 The Global Diffusion of Nuclear Technology / Angelo Baracca
- 28 The Role of Open and Global Communication in Particle Physics / Hans Falk Hoffmann
- 29 Internationalism and the History of Molecular Biology / Hans-Jörg Rheinberger
- 30 The Role of Chemistry in the Global Energy Challenge / Robert Schlögl
- 31 Climate Change as a Global Challenge and its Implications for Knowledge
- Generation and Dissemination / Daniel Klingenfeld and Hans Joachim Schellnhuber
- 32 Toward an Epistemic Web / Malcolm D. Hyman and Jürgen Renn