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CHAPTER 15 Science in Public Policy A History of High-Level Radioactive Waste ManagementCHAPTER 16 From Eugenics to Genetic Manipulation; CHAPTER 17 In the Name of Science; CHAPTER 18 Science Fiction and Science in the Twentieth Century; CHAPTER 19 Seeing and Picturing Visual Representation in Twentieth-Century Science; CHAPTER 20 The Earth Sciences and Geophysics; CHAPTER 21 Neo-Darwinism and Natural History; CHAPTER 22 Clinical Research; CHAPTER 23 Cancer The Century of the Transformed Cell; CHAPTER 24 A Science 'Dans Le Siecle' Immunology or the Science of Boundaries CHAPTER 25 The Molecular Transformation of Twentieth-Century BiologyCHAPTER 26 Biochemistry, Molecules and Macromolecules; CHAPTER 27 Polymer Chemistry; CHAPTER 28 Atomic and Molecular Science 1900-1960; CHAPTER 29 Solid State Science; CHAPTER 30 From 'Elementary' to 'Fundamental' Particles; CHAPTER 31 Computer Science The Search for a Mathematical Theory; CHAPTER 32 Astronomy; CHAPTER 33 Mathematics in the Twentieth Century; CHAPTER 34 Material Culture, Theoretical Culture and Delocalization CHAPTER 35 Biologists at Work Experimental Practices in the Twentieth-Century Life SciencesCHAPTER 36 Mastering Nature and Yeoman Agricultural Science in the Twentieth Century; CHAPTER 37 The Role of Physical Instrumentationin Structural Organic Chemistry; CHAPTER 38 Physics Instruments in the Twentieth Century; CHAPTER 39 Science in the United Kingdom A Study in the Nationalization of Science; CHAPTER 40 Russian Science in the Twentieth Century; CHAPTER 41 Twentieth-Century German Science Institutional Innovation and Adaptation; CHAPTER 42 Science in the United States CHAPTER 43 Science in Latin America

Sommario/riassunto

With over forty chapters, written by leading scholars, this comprehensive volume represents the best work in America, Europe and Asia. Geographical diversity of the authors is reflected in the different perspectives devoted to the subject, and all major disciplinary developments are covered.
There are also sections concerning the countries that have made the most significant contributions, the relationship between science and industry, the importance of instrumentation, and the cultural influence of scientific modes of thought. Students and professionals will come to appreciate how, and why

2. Record Nr.	UNICAMPANIAVAN00029217
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