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| Nota di contenuto       | Cover; Title Page ; Copyright Page ; TABLE OF CONTENTS; List of Figures ; List of Tables ; List of Contributors; Introduction; CHAPTER 1 Historiography of ScienceAn American Perspective; CHAPTER 2 What is Science?; CHAPTER 3 On Seeing Brockenspectres Sex and Gender in Twentieth-Century Science; CHAPTER 4 Science, Political Power and the State; CHAPTER 5 Crafting and Disciplining the Tropics Plant Science in the French Colonies; CHAPTER 6 The Management of Society by Numbers; CHAPTER 7 Scientific Management and the Production Process<br>CHAPTER 8 The Discovery of Growth Statistical Glimpses of Twentieth-Century ScienceCHAPTER 9 Academic Research, Technical Change and Government Policy; CHAPTER 10 Science and the UniversityPatterns from the US Experience in the Twentieth Century; CHAPTER 11 Science, Scientists, and the Military; CHAPTER 12 Innovation and the Modern Corporation From Heroic Invention to Industrial Science; CHAPTER 13 The Transformation of the Pharmaceutical Industry in the Twentieth Century; CHAPTER 14 The History of Electronics From Vacuum Tubes to Transistors |

CHAPTER 15 Science in Public Policy A History of High-Level  
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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  
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CHAPTER 23 Cancer The Century of the Transformed Cell; CHAPTER 24  
A Science 'Dans Le Siecle' Immunology or the Science of Boundaries  
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CHAPTER 27 Polymer Chemistry; CHAPTER 28 Atomic and Molecular  
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CHAPTER 34 Material Culture, Theoretical Culture and Delocalization  
CHAPTER 35 Biologists at Work Experimental Practices in the  
Twentieth-Century Life Sciences CHAPTER 36 Mastering Nature and  
Yeoman Agricultural Science in the Twentieth Century; CHAPTER 37  
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CHAPTER 38 Physics Instruments in the Twentieth Century; CHAPTER  
39 Science in the United Kingdom A Study in the Nationalization of  
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CHAPTER 41 Twentieth-Century German Science Institutional  
Innovation and Adaptation; CHAPTER 42 Science in the United States  
CHAPTER 43 Science in Latin America

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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

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