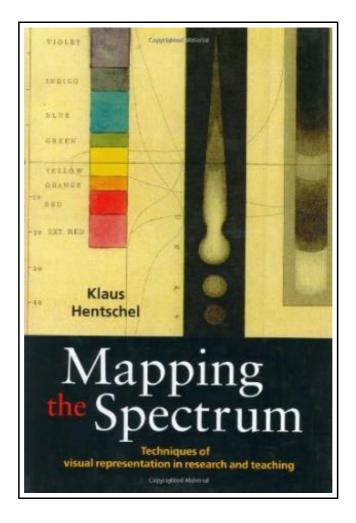
Mapping the Spectrum: Techniques of Visual Representation in Research and Teaching



Filesize: 5.44 MB

Reviews

This is actually the best ebook we have read till now. Indeed, it can be enjoy, nevertheless an interesting and amazing literature. You will not feel monotony at whenever you want of the time (that's what catalogs are for regarding should you question me).

(Jamar Stracke)

MAPPING THE SPECTRUM: TECHNIQUES OF VISUAL REPRESENTATION IN RESEARCH AND TEACHING



Oxford University Press. Hardback. Book Condition: new. BRAND NEW PRINT ON DEMAND., Mapping the Spectrum: Techniques of Visual Representation in Research and Teaching, Klaus Hentschel, Ever since the boom of spectrum analysis in the 1860s, spectroscopy has become one of the most fruitful research technologies in analytic chemistry, physics, astronomy, and other sciences. This book is the first in-depth study of the ways in which various types of spectra, especially the sun's Fraunhofer lines, have been recorded, displayed, and interpreted. The book assesses the virtues and pitfalls of various types of depictions, including hand sketches, woodcuts, engravings, lithographs and, from the late 1870s onwards, photomechanical reproductions. The material of a 19th-century engraver or lithographer, the daily research practice of a spectroscopist in the laboratory, or a student's use of spectrum posters in the classroom, all are looked at and documented here. For pioneers of photography such as John Herschel or Hermann Wilhelm Vogel, the spectrum even served as a prime test object for gauging the color sensitivity of their processes. This is a broad, contextual portrayal of the visual culture of spectroscopy in the 19th and early 20th centuries. The illustrations are not confined to spectra - they show instruments, laboratories, people at work, and plates of printing manuals. The result is a multifacetted description, focusing on the period from Fraunhofer up to the beginning of Bohr's quantum theory. A great deal of new and fascinating material from two dozen archives has been included. A must for anyone interested in the history of modern science, or in research practice using visual representations.

- Read Mapping the Spectrum: Techniques of Visual Representation in Research and Teaching Online
- Download PDF Mapping the Spectrum: Techniques of Visual Representation in Research and Teaching

Other Kindle Books



Summer the 25th anniversary of the equation (Keigo Higashino shocking new work! Lies and true Impenetrable(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: Unknown in Publisher: Modern Publishing Basic information Original Price: 28.00 yuan...

Download ePub »



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

Download ePub »



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you...

Download ePub »



Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success, Eva M. Horn, Susan B. Palmer, Gretchen D. Butera, Joan A. Lieber, How...

Download ePub »



Magnificat in D Major, Bwv 243 Study Score Latin Edition

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 70 pages. Dimensions: 9.8in. x 7.2in. x 0.3in.Bach composed the first version of this piece in 1723 using the key of E-flat major for the Christmas Vespers...

Download ePub »