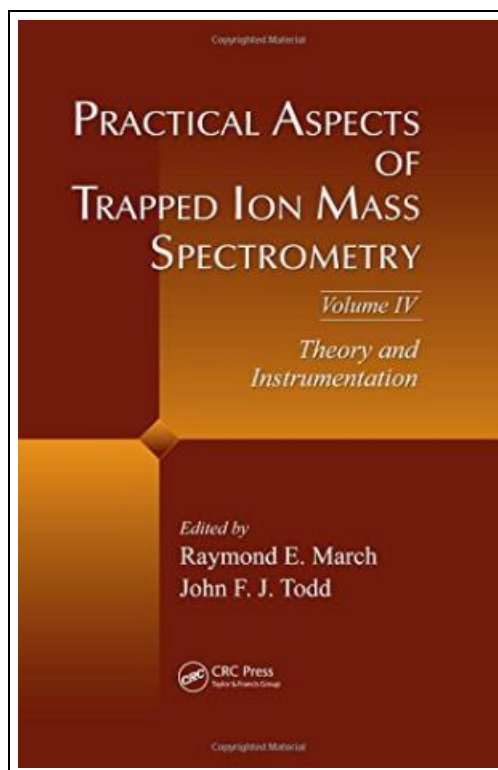


Practical Aspects of Trapped Ion Mass Spectrometry: Volume 4: Theory and Instrumentation (Hardback)



Filesize: 6.17 MB

Reviews

Very helpful to any or all category of men and women. It is definitely simplified but unexpected situations within the 50 % of your publication. I am very easily could possibly get a pleasure of reading a composed ebook.
(Dr. Therese Hartmann Sr.)

PRACTICAL ASPECTS OF TRAPPED ION MASS SPECTROMETRY: VOLUME 4: THEORY AND INSTRUMENTATION (HARDBACK)



Taylor Francis Inc, United States, 2010. Hardback. Condition: New. New.. Language: English . Brand New Book. Reflecting the substantial increase in popularity of quadrupole ion traps and Fourier transform ion cyclotron resonance (FT-ICR) mass spectrometers, Practical Aspects of Trapped Ion Mass Spectrometry, Volume IV: Theory and Instrumentation explores the historical origins of the latest advances in this expanding field. It covers new methods for trapping ions, such as the Orbitrap(TM), the digital ion trap (DIT), the rectilinear ion trap (RIT), and the toroidal ion trap; the development and application of the quadrupole ion trap (QIT) and the quadrupole linear ion trap (LIT); and the introduction of high-field asymmetric waveform ion mobility spectrometry (FAIMS). After a combined appreciation and historical survey of mass spectrometry and a discussion of how improved capabilities for microfabrication have led to interest in arrays of ion traps, the book examines the theory and practice of the Orbitrap mass analyzer, the rectangular waveform-driven DIT mass spectrometer, FAIMS, and ion traps with circular geometries. It next discusses ion accumulation for increasing sensitivity in FT-ICR spectrometry, a radio frequency-only-mode event for Penning traps in FT MS, and an FT operating mode applied to a 3D-QIT. The text then presents three behavioral aspects of quadrupole rod sets, before illustrating the development of the 3D-QIT in recent years. The final chapters explore photodissociation in ion traps and the chemical and photochemical studies of metal dication complexes in a 3D-QIT. In this volume that spans twenty-one chapters, a stellar panel of leading experts and up-and-coming researchers presents a cohesive, global, and up-to-date view of the practical aspects of using trapped ion devices. A companion to Volume V: Applications of Ion Trapping Devices, the book authoritatively covers the theory involved as well as the instrumentation currently used in this dynamic field.



Read Practical Aspects of Trapped Ion Mass Spectrometry: Volume 4: Theory and Instrumentation (Hardback) Online



Download PDF Practical Aspects of Trapped Ion Mass Spectrometry: Volume 4: Theory and Instrumentation (Hardback)

Relevant PDFs



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and...

[Download ePub »](#)



I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book

Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English . Brand New Book. It s vital that we support young children s reading in ways that nurture healthy...

[Download ePub »](#)



YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(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 :2011-03-01 Pages: 752 Publisher: Jilin University Shop Books All the new...

[Download ePub »](#)



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

[Download ePub »](#)



Should I Keep My Baby Caring Practical Help for Teenage Girls Facing Pregnancy Alone by Martha Zimmerman 1997 Paperback

Book Condition: Brand New. Book Condition: Brand New.

[Download ePub »](#)