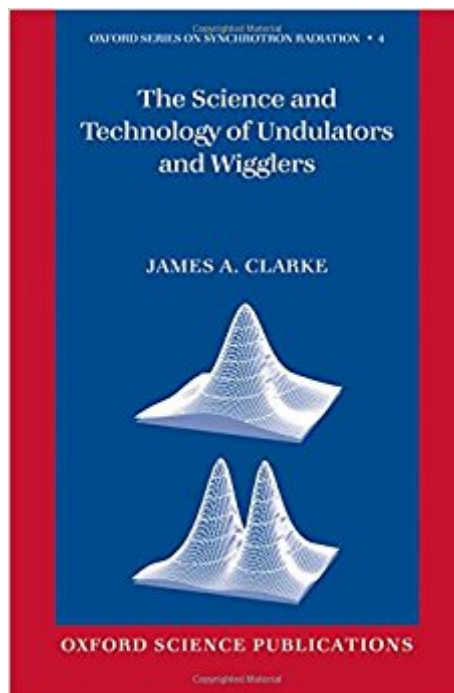




The book was found

The Science And Technology Of Undulators And Wigglers (Oxford Series On Synchrotron Radiation)



Synopsis

Synchrotron radiation sources are now used routinely by thousands of research scientists and engineers throughout the world to perform experiments in biology, physics, materials science, chemistry and so on. The very best of these sources are based upon the use of undulator and wiggler insertion devices that can enhance the intensity of the radiation by many orders of magnitude. This book, which is part of the Oxford Series on Synchrotron Radiation, brings together both a detailed step by step description of the radiation properties from these devices as well as an explanation of the practical realization of actual devices using available magnet technologies. The book is aimed at not just the users but also the providers of synchrotron radiation. It takes the reader through the fundamental issues, and provides sufficient depth so as to be an indispensable reference to light source designers, accelerator physicists and insertion device specialists. The approach taken is to provide the reader with all of the essential information and to back this up with practical examples and illustrations wherever possible.

Book Information

Series: Oxford Series on Synchrotron Radiation (Book 4)

Hardcover: 244 pages

Publisher: Oxford University Press; 1 edition (September 30, 2004)

Language: English

ISBN-10: 0198508557

ISBN-13: 978-0198508557

Product Dimensions: 9.3 x 0.7 x 6.2 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 1 customer review

Best Sellers Rank: #2,668,057 in Books (See Top 100 in Books) #63 in [Books > Science & Math > Chemistry > Nuclear Chemistry](#) #344 in [Books > Science & Math > Physics > Nuclear Physics > Atomic & Nuclear Physics](#) #473 in [Books > Science & Math > Physics > Nuclear Physics > Particle Physics](#)

Customer Reviews

James A. Clarke is Head of Insertion Devices and Magnets Group in the Accelerator Science and Tchnology Centre at Daresbury Laboratory, Warrington, UK.is Head of Insertion Devices and Magnets Group in the Accelerator Science and Tchnology Centre at Daresbury Laboratory, Warrington, UK.is Head of Insertion Devices and Magnets Group in the Accelerator Science and

Technology Centre at Daresbury Laboratory, Warrington, UK.

It is good

[Download to continue reading...](#)

The Science and Technology of Undulators and Wigglers (Oxford Series on Synchrotron Radiation)
Synchrotron Radiation: Basics, Methods and Applications An Introduction to Synchrotron Radiation:
Techniques and Applications Radiation Nation: Fallout of Modern Technology - Your Complete
Guide to EMF Protection & Safety: The Proven Health Risks of Electromagnetic Radiation (EMF) &
What to Do Protect Yourself & Family Atoms, Radiation, and Radiation Protection Atoms, Radiation,
and Radiation Protection, 2nd Edition Treatment Planning in the Radiation Therapy of Cancer
(Frontiers of Radiation Therapy and Oncology, Vol. 21) (v. 21) Handbook of Radiation Effects
(Oxford Science Publications) The Oxford Book of Modern Science Writing (Oxford Landmark
Science) Oxford Handbook of Political Psychology (Oxford Handbooks) published by Oxford
University Press, USA (2003) Introduction to Nanoscale Science and Technology (Nanostructure
Science and Technology) Science and Technology in the Global Cold War (Transformations:
Studies in the History of Science and Technology) Foresight for Science, Technology and
Innovation (Science, Technology and Innovation Studies) Advances in Corrosion Science and
Technology: Volume 6 (Advances in Corrosion Science & Technology) Holt Science & Technology:
Microorganisms, Fungi, and Plants Course A (Holt Science & Technology [Short Course]) Advances
in Nuclear Science and Technology: Volume 22 (Advances in Nuclear Science & Technology)
Radiation Heat Transfer (Oxford Chemistry Primers) Finite Element Methods for Particle Transport:
Applications to Reactor and Radiation Physics (Research Studies in Particle and Nuclear
Technology) The Physics & Technology of Radiation Therapy Blockchain: Step By Step Guide To
Understanding The Blockchain Revolution And The Technology Behind It (Information Technology,
Blockchain For Beginners,Bitcoin, Blockchain Technology)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)