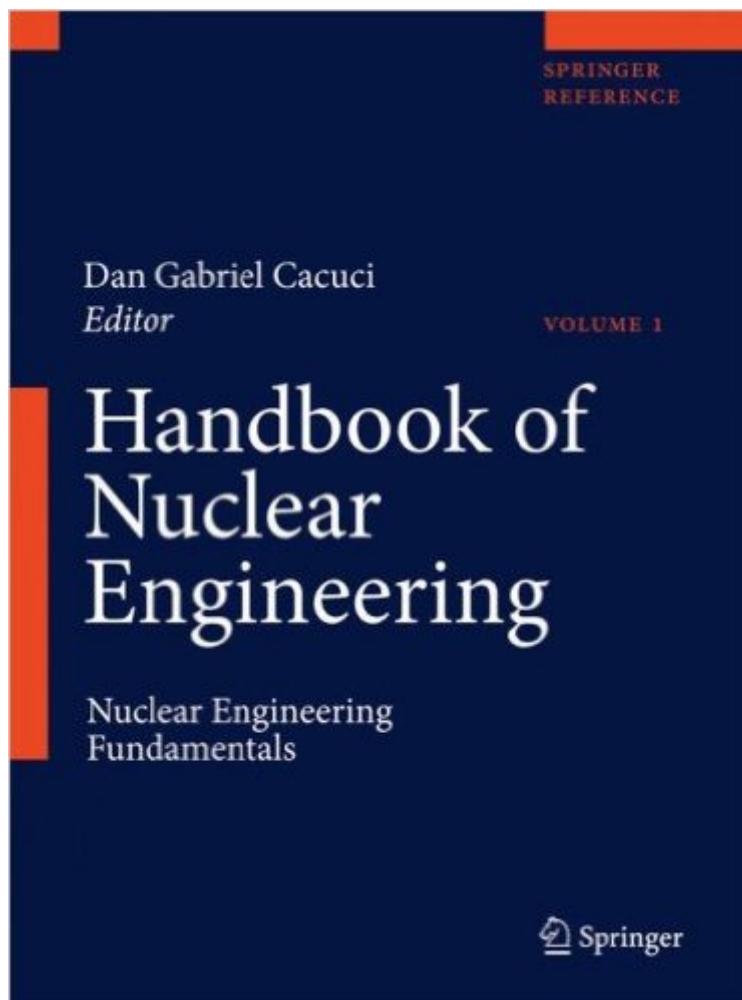


The book was found

Handbook Of Nuclear Engineering (5 Vol Set)



Synopsis

The Handbook of Nuclear Engineering is an authoritative compilation of information regarding methods and data used in all phases of nuclear engineering. Addressing nuclear engineers and scientists at all academic levels, this five volume set provides the latest findings in nuclear data and experimental techniques, reactor physics, kinetics, dynamics and control. Readers will also find a detailed description of data assimilation, model validation and calibration, sensitivity and uncertainty analysis, fuel management and cycles, nuclear reactor types and radiation shielding. A discussion of radioactive waste disposal, safeguards and non-proliferation, and fuel processing with partitioning and transmutation is also included. As nuclear technology becomes an important resource of non-polluting sustainable energy in the future, The Handbook of Nuclear Engineering is an excellent reference for practicing engineers, researchers and professionals.

Book Information

Hardcover: 3574 pages

Publisher: Springer; 2010 edition (September 14, 2010)

Language: English

ISBN-10: 0387981306

ISBN-13: 978-0387981307

Product Dimensions: 10 x 10.5 x 13.2 inches

Shipping Weight: 14.7 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ See all reviewsÂ (1 customer review)

Best Sellers Rank: #2,323,492 in Books (See Top 100 in Books) #54 in Books > Science & Math > Chemistry > Nuclear Chemistry #370 in Books > Science & Math > Physics > Nuclear Physics > Atomic & Nuclear Physics #371 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Nuclear

Due to this item's unusual size or weight, it requires special handling and will ship separately from other items in your order. [Read More](#)

Customer Reviews

Handbook of Nuclear EngineeringSpringer, Berlin, Heidelberg USJoseph J Grenier MD PhDThis is a complete comprehensive multivolume work on the physics, quantum mechanics, and nuclear engineering of heavy metals and their derivatives. The fission, fusion, and applied physics of nuclear engineering. The various world reactors are described from the bottom and up. LINACs, neutron, and proton beam applications are very well described, making this book an ideal research

tool for radiation scientists involved with safety, storage, and disposal of nuclear wastes. The other appeal of this book is for nuclear medicine physicians, radiation oncologists, and particle physicists involved in uranium, plutonium, and other heavy metals. The books are written by the worldâ™s leading experts on nuclear physics and engineering. Fusion is well covered as are the formulae in solid state physics. Nuclear physicists are the main group addressed by the experts. This is not a âœhow toâ• book but one on charged and neutron beam radiosurgery and radiation emission dating back to Einstein, Max Planck, Feynmann, Enrico Fermi, Schrodinger, and others involved in the history of nuclear physics. The Oakridge, Los Alamos, CERN Switzerland, Mass General/MIT and Stanford experiences are catalogued and described for physicists I highly recommend this book for nuclear physicists.

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

Nuclear Chemical Engineering (1957) (McGraw-Hill Series in Nuclear Engineering) Handbook of Nuclear Engineering (5 Vol set) MASON JAR RECIPES BOOK SET 5 book in 1: Meals in Jars (vol.1); Salads in Jars (Vol. 2); Desserts in Jars (Vol. 3); Breakfasts in Jars (Vol. 4); Gifts in Jars (Vol. 5): Easy Mason Jar Recipe Cookbooks Nuclear Reactor Design (An Advanced Course in Nuclear Engineering) Camping Cookbook 4 in 1 Book Set - Grilling Recipes (Vol. 1); Foil Packet Recipes (Vol. 2); Dutch Oven Recipes (Vol. 3) and: Camping Cookbook: Fun, Quick & Easy Campfire and Grilling Recipes (Vol 4) Nuclear War Survival Skills: Lifesaving Nuclear Facts and Self-Help Instructions Nuclear Energy, Seventh Edition: An Introduction to the Concepts, Systems, and Applications of Nuclear Processes Nuclear Weapons Databook: Volume I - U.S. Nuclear Forces and Capabilities Nuclear War Survival Skills (Upgraded 2012 Edition) (Red Dog Nuclear Survival) NUCLEAR WAR SURVIVAL MANUAL, PROTECTION IN THE NUCLEAR AGE Petroleum Engineering Handbook, Vol. 3 - Facilities and Construction Engineering Best Asian Recipes from Mama Li's Kitchen BookSet - 4 books in 1: Chinese Take-Out Recipes (Vol 1); Wok (Vol 2); Asian Vegetarian and Vegan Recipes (Vol 3); Egg Roll, Spring Roll and Dumpling (Vol 4) The New Traditional Woodworker: From Tool Set to Skill Set to Mind Set (Popular Woodworking) Nuclear and Radiochemistry: Fundamentals and Applications, 2 Volume Set Fundamentals of Nuclear Science and Engineering Second Edition Introduction to Nuclear Engineering (3rd Edition) Nuclear Reactor Engineering Earthquake Engineering: From Engineering Seismology to Performance-Based Engineering Fundamentals of Earthquake Engineering (Civil engineering and engineering mechanics series) G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008)

[Dmca](#)