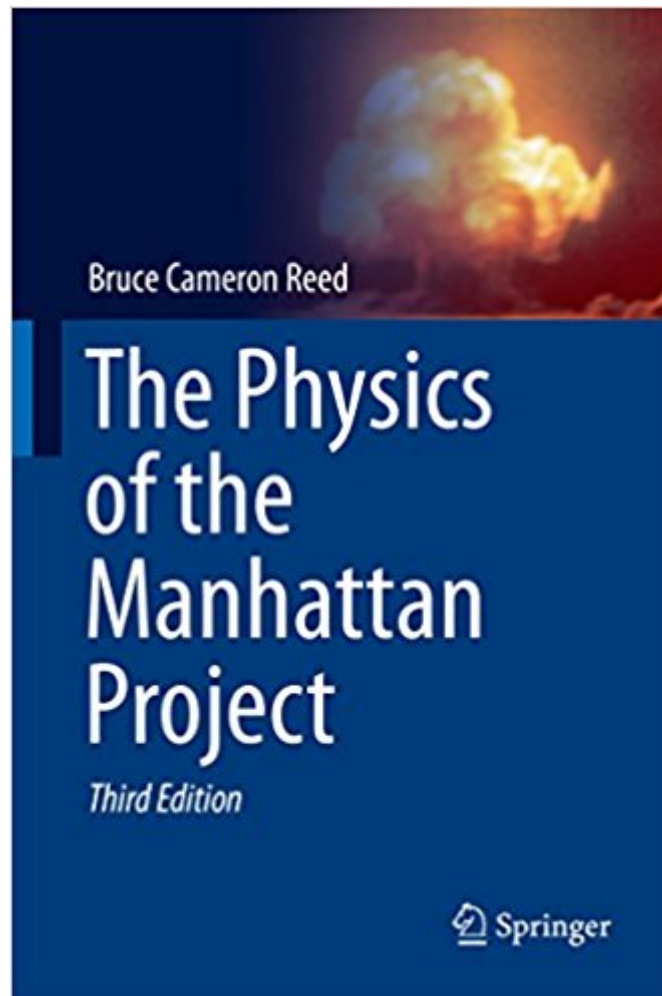




Ebook Directory
the best source of ebook

The book was found

The Physics Of The Manhattan Project



Synopsis

The development of nuclear weapons during the Manhattan Project is one of the most significant scientific events of the twentieth century. This revised and updated 3rd edition explores the challenges that faced the scientists and engineers of the Manhattan Project. It gives a clear introduction to fission weapons at the level of an upper-year undergraduate physics student by examining the details of nuclear reactions, their energy release, analytic and numerical models of the fission process, how critical masses can be estimated, how fissile materials are produced, and what factors complicate bomb design. An extensive list of references and a number of exercises for self-study are included. Links are given to several freely-available spread sheets which users can use to run many of the calculations for themselves.

Book Information

File Size: 2370 KB

Print Length: 222 pages

Publisher: Springer; 3 edition (August 20, 2014)

Publication Date: August 20, 2014

Sold by: Digital Services LLC

Language: English

ASIN: B00RZHXY4K

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #891,701 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #35

in Books > Science & Math > Chemistry > Nuclear Chemistry #38 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Nuclear #75 in Kindle Store > Kindle eBooks > Nonfiction > Science > Chemistry > Industrial & Technical

Customer Reviews

Quite a concise explanation of science issues for constructing the atom bomb, and not needlessly technical. Its appendix fills in some terminology, like nuclear cross sections. I always wondered what exactly were the problems for the Manhattan Project team. This is a good book to own if you are watching the WGNA series, and are curious about the actual history.

A reasonably accurate summary of the physics involved. I found it interesting to read with Ken Ford's "Building the H Bomb" and with Serber's book.

very interesting and answered a few questions I've had since the 1960s

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

Project Management: Secrets Successful Project Managers Already Know About: A Beginner's Guide to Project Management, nailing the interview, and essential skills to manage a project like a Pro The History and Science of the Manhattan Project (Undergraduate Lecture Notes in Physics) The Physics of the Manhattan Project Agile Project Management: QuickStart Guide - The Simplified Beginners Guide To Agile Project Management (Agile Project Management, Agile Software Development, Agile Development, Scrum) Streetwise Manhattan Bus Subway Map - Laminated Metro Map of Manhattan, New York - Pocket Size (Streetwise Maps) Manhattan GMAT Complete Strategy Guide Set, 5th Edition [Pack of 10] (Manhattan Gmat Strategy Guides: Instructional Guide) Manhattan GMAT Flashcards (Manhattan Prep GMAT Strategy Guides) Manhattan GMAT Set of 8 Strategy Guides, Fourth Edition (Manhattan GMAT Strategy Guides) Manhattan GMAT Quantitative Strategy Guide Set, 5th Edition (Manhattan GMAT Strategy Guides) Manhattan Prep GRE Set of 8 Strategy Guides (Manhattan Prep GRE Strategy Guides) Manhattan Family Guide to Private Schools and Selective Public Schools, 6th Edition (Manhattan Family Guide to Private Schools & Selective Public Schools) Manhattan Family Guide to Private Schools and Selective Public Schools, 5th Ed. (Manhattan Family Guide to Private Schools & Selective Public Schools) Streetwise Manhattan Map - Laminated City Street Map of Manhattan, New York - Folding pocket size travel map with subway map, bus map Active Physics [A Project-Based Inquiry Approach, Physics for All] by Arthur Eisenkraft, Ph.D. [It's About Time,2010] [Hardcover] 3rd Edition The Manhattan Project: The Making of the Atomic Bomb Polonium in the Playhouse: The Manhattan Project's Secret Chemistry Work in Dayton, Ohio A Chemist in the White House: From the Manhattan Project to the End of the Cold War The Secret of the Manhattan Project (Stories in American History) The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Head First Physics: A learner's companion to mechanics and practical physics (AP Physics B - Advanced Placement)

[Contact Us](#)

[DMCA](#)

Privacy

FAQ & Help