



## Lectures on Nuclear Theory (Paperback)

By L. D. Landau, Ya Smorodinsky

Dover Publications Inc., United States, 2011. Paperback. Condition: New. Dover ed. Language: English . Brand New Book. A real jewel of an elementary introduction into the main concepts of nuclear theory . . . should be in the hands of every student. -- Nuclear Physics. This highly regarded volume, based on a series of lectures given by Landau to experimental physicists in Moscow in 1954, offers concise, lucid discussions of a number of the most important underlying concepts of nuclear physics. The authors, both noted Russian physicists, limit their conclusions concerning nuclear structure to those based on experimental data, using only general quantum-mechanical relations. Throughout, the emphasis is on clarity of physical ideas and on the relation of experiments to theoretical interpretation. Among the topics covered are nuclear forces, including the scattering of nucleons by nucleons and by high energies, the independent particle model of nuclear structure, the structure of the nucleus (light nuclei and heavy nuclei), nuclear reactions (including statistical theory, optical model, and deuteron reactions, pi-mesons, and interactions of pi-mesons with nucleons. Should prove a decidedly worthwhile addition to any experimental nuclear physicist's library. The book will also appeal to the specialist in other fields who desires...

[DOWNLOAD](#)



[READ ONLINE](#)

[ 1.97 MB ]

### Reviews

*This book will never be straightforward to start on reading through but quite enjoyable to learn. Better then never, though i am quite late in start reading this one. Your lifestyle span will probably be convert once you complete reading this publication.*

-- Dr. Kadin Hane DVM

*This publication may be worth purchasing. it was actually written quite flawlessly and valuable. I am just happy to tell you that this is actually the very best book i actually have study inside my personal life and can be the best ebook for actually.*

-- Frank Nienow

## Other Books

---



### [Kurenai the Crimson 1865: An Oiran, a Ninja and a Hiding Christian \(Paperback\)](#)

Createspace, United States, 2014. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Beautiful Kurenai is an oiran, the highest level of a geisha. Though she now lives in splendor, she came from poverty. And when a millionaire...

---



### [7 Money Mistakes Parents Make: When Raising Financially Fit Teens \(Paperback\)](#)

Createspace Independent Publishing Platform, United States, 2015. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Has there ever been a more important time to teach your children about money? Once upon a time there was a land...

---



### [Painless Performance Conversations: A Practical Approach to Critical Day-to-Day Workplace Discussions \(Paperback\)](#)

John Wiley Sons Inc, United States, 2013. Paperback. Condition: New. 1. Auflage. Language: English . Brand New Book. Actionable communication and management strategies for tackling difficult workplace discussions Delivering the uncomfortable news that an employee is not stacking up can be stressful,...

---



### [Principles of Ecotoxicology, Fourth Edition \(Paperback\)](#)

Condition: New. Bookseller Inventory # ST1439862664.

---



### [Delavier andapos;s Mixed Martial Arts Anatomy](#)

Human Kinetics Publishers, 2013. PAP. Condition: New. New Book. Shipped from UK in 4 to 14 days. Established seller since 2000.

---



### [Ketogenic Diet: Fat Bomb Recipes: 16 Recipe Keto Cookbook \(Sweet and Savory Snacks\) \(Paperback\)](#)

Createspace Independent Publishing Platform, 2016. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Burn Fat, Feel Phenomenal And Make YOUR Life More Enjoyable While Snacking The Smart Way With Ketogenic Fat Bombs! These low-carb, high-fat nutritious...