



Introduction to Nuclear Science (2nd Revised edition)

By Jeff C. Bryan

Taylor & Francis Inc. Hardback. Book Condition: new. BRAND NEW, Introduction to Nuclear Science (2nd Revised edition), Jeff C. Bryan, This book was written to provide students who have limited backgrounds in the physical sciences and math with an accessible textbook on nuclear science. Expanding on the foundation of the bestselling first edition, Introduction to Nuclear Science, Second Edition provides a clear and complete introduction to nuclear chemistry and physics, from basic concepts to nuclear power and medical applications. Incorporating suggestions from professors using this book for their courses, the author has created a new text that is approximately 60 percent larger and more comprehensive and flexible than the first. New to This Edition: * Thorough review of nuclear forensics, radiology, gamma cameras, and decay through proton or neutron emission * More detailed explanations of the necessary mathematics * A chapter on dosimetry of radiation fields * Expanded discussion of applications, introduced earlier in the text * More in-depth coverage of nuclear reactors, including a new chapter examining more reactor types, their safety systems, and recent accidents such as the one in Fukushima, Japan * Additional end-of-chapter problems throughout the book * A new appendix with nuclear data for all...



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