# Sourcebook On Atomic Energy by Samuel Glasstone Third Edition

U.S. Atomic Energy Commission — Division of Technical Information

# **Sourcebook On Atomic Energy 3ed**

**G Psacharopoulos** 

#### **Sourcebook On Atomic Energy 3ed:**

Sourcebook on atomic energy, 3rd ed Samuel Glasstone, **Atoms, Radiation, and Radiation Protection** James S. Bogard, Darryl J. Downing, Robert L. Coleman, Keith F. Eckerman, James E. Turner, 2022-12-01 Atoms Radiation and Radiation Protection Discover the keys to radiation protection in the fourth edition of this best selling textbook A variety of atomic and sub atomic processes including alpha beta and gamma decay or electron ejection from inner atom shells can produce ionizing radiation This radiation can in turn produce environmental and biological effects both harmful including DNA damage and other impacts of so called radiation sickness and helpful including radiation treatment for cancerous tumors Understanding the processes that generate radiation and the steps which can be taken to mitigate or direct its effects is therefore critical in a wide range of industries and medical subfields For decades Atoms Radiation and Radiation Protection has served as the classic reference work on the subject of ionizing radiation and its safeguards Beginning with a presentation of fundamental atomic structure and the physical mechanisms which produce radiation the book also includes thorough discussion of how radiation can be detected and measured as well as guide lines for interpreting radiation statistics and detailed analysis of protective measures both individual and environmental Now updated by a new generation of leading scholars and researchers Atoms Radiation and Radiation Protection will continue to serve global scientific and industrial research communities Readers of the fourth edition of Atoms Radiation and Radiation Protection will also find Detailed updates of existing material including the latest recommendations of the ICRP and NCRP Treatment of current physiokinetic and dosimetric models All statistics now presented in SI units making the book more globally accessible Atoms Radiation and Radiation Protection is a foundational guide for graduate students and researchers in health physics and nuclear physics as well as related industries Radiation Research in the VA Involving Human Subjects United States. Congress. House. Committee on Veterans' Affairs, 1994 Catalog of Copyright Entries. Third Series Library of Congress. Copyright Office, 1959 Includes Part 1 Number 1 Books and Pamphlets Including Serials and Contributions to Periodicals January June

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Ray L. Lyerly, Walter Mitchell, 1967 Fundamental Principles of Nuclear Engineering Jiyang Yu, 2022-01-12 This book highlights a comprehensive and detailed introduction to the fundamental principles related to nuclear engineering As one of

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