



Introduction to Health Physics: Fourth Edition

Thomas E. Johnson, Herman Cember

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A dynamic, all-inclusive overview of the field of health physics

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Features:

- A thorough overview of need-to-know topics, from a review of physical principles to a useful look at the interaction of radiation with matter
- Chapter-ending practice problems to solidify your grasp of health physics topics and their real-world application
- Essential background material on quantitative risk assessment for health-threatening radiation dangers
- Authoritative radiation safety and environmental health coverage that supports the International Commission on Radiological Protection's standards for specific populations
- High-yield appendices to expand your comprehension of chapter material: Values of Some Useful Constants, Table of the Elements, The Reference Person, Specific Absorbed Fraction of Photon Energy, and Total Mass Attenuation Coefficients
- NEW! Essential coverage of non-ionizing radiation-laser and microwaves, computer use in dose calculation, and dose limit recommendations



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