

IRPA Guidelines on Protection Against Ionizing Radiation. A. S. Duchene, J. R. A. Lahey and M. H. Repacholi, New York, Pergamon Press, 1991, 111 pages.

This book contains the IRPA/INIRC guidelines for exposure to ultrasound, radiofrequency electromagnetic fields (100 kHz–300 GHz), ultraviolet radiation, laser radiation (180 nm to 1 mm wavelengths) and 50/60 Hz electric and magnetic fields. The book also contains INIRC documents reviewing concepts, quantities, terminology and units for nonionizing radiation protection, a statement on alleged radiation risks from visual display units and a statement on fluorescent lighting with respect to malignant melanoma. This concise book will be of value to anyone concerned with the health effects of nonionizing radiation and relevant protective measures.

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NCRP Report No. 108. Conceptual Basis for Calculations of Absorbed-Dose Distributions. NCRP, Bethesda, 1991, 234 pages, \$22.00.

This report was prepared by NCRP Scientific Committee 52 on the conceptual basis of calculations of dose distributions. The report is a systematic presentation and discussion of the concepts involved in absorbed dose calculations. Comprehensive discussions of transport theory, Monte Carlo methods and geometric considerations are provided in considerable mathematical detail.

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Annals of the ICRP: ICRP Publication 61. Annual Limits on the Intake of Radionuclides by Workers (Based on the 1990 Recommendations). Oxford, Pergamon Press, 1991, 41 pages, \$48.00.

This volume details new radiation protection recommendations for the inhalation and ingestion of radionuclides based upon recent biological data. It contains revisions of the secondary limits contained in Publication 30 based upon the Commission's new radiation protection recommendations (ICRP, 1991).

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