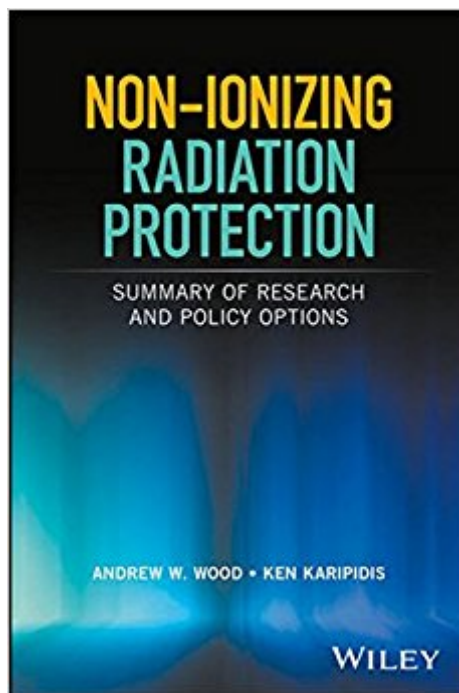




Ebook Directory
the best source of ebook

The book was found

Non-ionizing Radiation Protection: Summary Of Research And Policy Options



Synopsis

A comprehensive review of non-ionizing radiation and its public health and environmental risks, for researchers, policy makers, and laymen. This book explains the characteristics of all forms of electromagnetic non-ionizing radiation (NIR) and analyzes the relationship between exposure and its biological effects, as well as the known dose-response relationships associated with each. Taking a uniquely holistic approach to the concept of health that builds upon the WHO definition to include not only absence of disease, but the physical, mental and social well-being of individuals and the population, it reviews established and potential risks and protections, along with regulatory issues associated with each. The risks to public health of NIR, whether in the form of UV light, radio waves from wireless devices, or electric and magnetic fields associated with electrical power systems, is currently a cause of great concern among members of the public and lawmakers. But in order to separate established science from speculation and make informed decisions about how to mitigate the risks of NIR and allocate precious resources, policymakers, manufacturers, and individuals need a comprehensive source of up-to-date information based on the current scientific evidence. Written by a team of experts in their fields, this book is that source. Among other things, it:

- Summarizes scientific findings on the safety of different forms of NIR and the rationale behind current standards
- Describes devices for monitoring NIR along with the established and potential hazards of each form
- Explores proper protections against UV light and lasers, RF radiation, ELF fields and other forms of NIR
- Discusses how to avoid injuries through occupational training or public awareness programs, and how to perform medical assessments in cases of suspected NIR injuries
- Considers how to decide whether or not to spend money on certain mitigation measures, based on cost-benefit analyses
- Offering expert reviews and analyses of the latest scientific findings and public policy issues concerning the risks to public health and the environment of NIR, Non-ionizing Radiation Protection is an indispensable source of information for manufacturers, government regulators, and regulatory agencies, as well as researchers, concerned laypersons, and students.

Book Information

Hardcover: 608 pages

Publisher: Wiley; 1 edition (May 8, 2017)

Language: English

ISBN-10: 0471446815

ISBN-13: 978-0471446811

Product Dimensions: 6 x 1.3 x 9.4 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,924,882 in Books (See Top 100 in Books) #47 in [Books > Science & Math > Chemistry > Nuclear Chemistry](#) #1181 in [Books > Science & Math > Physics > Nuclear Physics](#) #1476 in [Books > Health, Fitness & Dieting > Safety & First Aid](#)

Customer Reviews

A comprehensive review of non-ionizing radiation and its public health and environmental risks, for researchers, policy makers, and laymen This book explains the characteristics of all forms of electromagnetic non-ionizing radiation (NIR) and analyzes the relationship between exposure and its biological effects, as well as the known dose-response relationships associated with each. Taking a uniquely holistic approach to the concept of health that builds upon the WHO definition to include not only absence of disease, but the physical, mental and social well-being of individuals and the population, it reviews established and potential risks and protections, along with regulatory issues associated with each. The risks to public health of NIR, whether in the form of UV light, radio waves from wireless devices, or electric and magnetic fields associated with electrical power systems, is currently a cause of great concern among members of the public and lawmakers. But in order to separate established science from speculation and make informed decisions about how to mitigate the risks of NIR and allocate precious resources, policymakers, manufacturers, and individuals need a comprehensive source of up-to-date information based on the current scientific evidence. Written by a team of experts in their fields, this book is that source. Among other things, it:

- Summarizes scientific findings on the safety of different forms of NIR and the rationale behind current standards
- Describes methods on the assessment of NIR exposure including an explanation of the devices used to monitor NIR, together with descriptions of established and potential hazards
- Explores proper protections against UV light and lasers, RF radiation, ELF fields and other forms of NIR
- Discusses how to avoid injuries through occupational training or public awareness programs, and how to perform medical assessments in cases of suspected NIR injuries
- Considers how to decide whether or not to spend money on certain mitigation measures, based on cost-benefit analyses
- Offering expert reviews and analyses of the latest scientific findings and public policy issues concerning the risks to public health and the environment of NIR, Non-ionizing Radiation Protection is an indispensable source of information for manufacturers, government regulators, and regulatory agencies, as well as researchers, concerned laypersons, and students.

ANDREW W. WOOD, PhD, is Professor of Biophysics, School of Health Sciences, Swinburne University of Technology, Melbourne, Australia. Dr. Wood has had many years' of involvement in various research projects on Non-ionizing Radiation and serving on committees dealing with Radiation Protection. KEN KARIPIDIS, PhD, is a senior scientist with the Radiation Health Services Branch, Australian Radiation Protection and Nuclear Safety Agency, Melbourne, Australia. Dr. Karipidis has been a member of various groups and committees providing advice to government and other stakeholders on radiation protection issues.

[Download to continue reading...](#)

Non-ionizing Radiation Protection: Summary of Research and Policy Options Options Trading For Beginners: Learn How To Get Started and Make Money With Options Trading ~ Stock Options - Binary Options ~ Index Options ~ Currency ... ~ ETF (Options Trading - Finance - Money) Summary - The Invention Of Wings: Novel By Sue Monk Kidd --- An Incredible Summary (The Invention Of Wings: An Incredible Summary-- Paperback, Hardcover, Summary, Audible, Novel, Audiobook Book 1) Medical Effects of Ionizing Radiation Atoms, Radiation, and Radiation Protection Atoms, Radiation, and Radiation Protection, 2nd Edition Radiation Nation: Fallout of Modern Technology - Your Complete Guide to EMF Protection & Safety: The Proven Health Risks of Electromagnetic Radiation (EMF) & What to Do Protect Yourself & Family EMP Protecting Housing and Solar: A National EMP protection plan as well as EMP protection of family, homes and communities. Protection is achieved ... and cable surge suppression and filtering. Options Trading Made Simple: Discover the 2 Tools the Ultra-Rich Use for Asset Protection and Accelerated Wealth Creation. (Learn Stock Options Trading Series Book 1) Summary - Creativity, Inc.: By Ed Catmull - Overcoming the Unseen Forces That Stand in the Way of True Inspiration (Creativity, Inc: A Complete Summary ... Book, Paperback, Hardcover, Summary Book 1) Summary - Circling the Sun: By Paula McLain - A Detailed Summary (Circling The Sun: A Detailed Summary---Paperback, Ebook, Novel, Audiobook, Audible, Hardcover) Nursing Policy Research: Turning Evidence-Based Research into Health Policy Treatment Planning in the Radiation Therapy of Cancer (Frontiers of Radiation Therapy and Oncology, Vol. 21) (v. 21) Dictionary Radiation Protection, Radiobiology and Nuclear Medicine (English, German, French and Russian Edition) Radiation Protection and Dosimetry: An Introduction to Health Physics Essentials of Radiation Biology and Protection Student Workbook Practical Radiation Protection and Applied Radiobiology, 2e Workbook for Radiation Protection in Medical Radiography, 7e Radiation Protection in Medical Radiography, 7e Radiation Protection in Medical Radiography, 6e

Contact Us

DMCA

Privacy

FAQ & Help