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Autore	Michels, Robert <1876-1936>
Titolo	Il Boicottaggio : Saggio su un aspetto delle crisi / Roberto Michels
Pubbl/distr/stampa	Torino : Einaudi, 1934
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Nota di contenuto	Frontmatter -- Preface -- Acknowledgments -- Contents -- Part A: Physical and physiological aspects of the body -- 1. Brief overview of body parts and functions -- 2. Body mechanics and muscles -- 3. Elastomechanics: bones and fractures -- 4. Energy household of the body -- 5. Resting potential and action potential -- 6. Signal transmission in neurons -- 7. Electrophysical aspects of the heart -- 8. The circulatory system -- 9. The respiratory system -- 10. Kidneys -- 11. Basic mechanism of vision -- 12. Sound and sound perception -- Part B: Imaging modalities without ionizing radiation -- 13. Sonography -- 14. Endoscopy -- 15. Magnetic resonance imaging -- 16. Questions & answers -- List of acronyms used in this book -- Index
Sommario/riassunto	Order the Set Medical Physics and save almost 25€. Medical Physics covers the applied branch of physics concerned with the application of concepts and methods of physics to diagnostics and therapeutics of human diseases. The first part, Physical and Physiological Aspects of the Body, covers those body systems that have a strong physical component, such as body mechanics, energy household, action potential, signal transmission in neurons, respiratory and circulatory system as well as visual and sound perception. The second part of this volume, Imaging Modalities without Ionizing Radiation, introduces sonography, endoscopy, and magnetic resonance imaging. The second

volume complements the imaging modalities with the use of ionizing radiation: x-ray radiography, scintigraphy, SPECT, and PET. This first part is followed by chapters on radiation treatment of tumors, in particular x-ray radiotherapy, proton and neutron radiation therapy, and brachytherapy. The last part treats aspects of diagnostics and therapeutics beyond radiology, including laser applications, multifunctional nanoparticles and prosthetics. The present volume connects the basic principles of physics with the functionality of the body and with physical methods used for diagnostics and therapeutics. covers the first part of the entire field, including the physics of the body and imaging methods without the use of ionizing radiation. provides an introduction for Bachelor students to the main concepts of Medical Physics during their first semesters guiding them to further specialized and advanced literature. contains many questions & answers related to the content of each chapter. is also available as a set together with Volume 2. Contents Part A: Physical and physiological aspects of the bodyBrief overview of body parts and functionsBody mechanics and musclesElastomechanics: bones and fracturesEnergy household of the bodyResting potential and action potentialSignal transmission in neuronsElectrophysical aspects of the heartThe circulatory systemThe respiratory systemKidneysBasic mechanism of visionSound and sound perception Part B: Imaging modalities without ionizing radiationSonographyEndoscopyMagnetic resonance imagingQuestions & answers