Record Nr. UNINA9910785022403321 Basic engineering for medics and biologists [[electronic resource]]: an **Titolo** ESEM primer / / edited by T. Clive Lee and Peter F. Niederer Pubbl/distr/stampa Amsterdam,: IOS Press, 2010 **ISBN** 6612692804 1-282-69280-1 9786612692802 1-60750-527-4 Descrizione fisica 1 online resource (380 p.) Collana Studies in health technology and informatics, . 0926-9630 ; ; v. 152 Classificazione 44.31 Altri autori (Persone) LeeT. Clive NiedererPeter F Disciplina 610.2805 Soggetti Biomedical engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Title Page; Preface: Making Engineering Accessible to Medics and Biologists; Contents; Introduction to Chapter I: Biomechanics; Introduction to Chapter II: Bioelectronics; Introduction to Chapter III: Medical Informatics for Biomedical Engineering; Introduction to Chapter IV: Biomaterials and Tissue Engineering; Introduction to Chapter V: Medical Imaging; Introduction to Chapter VI: Rehabilitation Engineering; Subject Index: Author Index Developments in bioengineering and medical technology have led to Sommario/riassunto spectacular progress in clinical medicine. As a result, increased numbers of courses are available in the area of bioengineering and clinical technology. These often include modules dealing with basic biological and medical sciences, aimed at those taking up these studies, who have a background in engineering. To date, relatively few participants from medicine have taken up courses in biomedical engineering, to the detriment of scientific exchange between engineers and medics. The European Society for Engineering and Medicine (E