Record Nr. UNINA9910483604403321 **Titolo** Computational Methods in Biophysics, Biomaterials, Biotechnology and Medical Systems [[electronic resource]]: Algorithm Development, Mathematical Analysis and DiagnosticsVolume I: Algorithm Techniques Volume II: Computational Methods Volume III: Mathematical Analysis Methods Volume IV: Diagnostic Methods / / edited by Cornelius T. Leondes New York, NY:,: Springer US:,: Imprint: Springer,, 2002 Pubbl/distr/stampa **ISBN** 0-306-48329-7 Edizione [1st ed. 2002.] Descrizione fisica 1 online resource (eReference.) Disciplina 610/.1/51 Soggetti Biomedical engineering **Statistics Biomathematics** Materials science Biomedical Engineering and Bioengineering Statistics for Life Sciences, Medicine, Health Sciences Mathematical and Computational Biology Characterization and Evaluation of Materials Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references and index. Sommario/riassunto The cross-disciplinary pursuits between modern technology, their computations and applications to the human body have exploded because of rapid developments in computer technology and mathematical computational techniques. This four-volume set, Computational Methods in Biophysics, Biomaterials, Biotechnology and Medical Systems, represents the first multi-volume treatment of this significant subject on the international scene. The work is an indispensable reference source by leading researchers, and is essential

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