Record Nr. UNINA9910459382303321 Autore Chatwal Gurdeep R Titolo Biophysics [[electronic resource] /] / Gurdeep R. Chatwal; edited by Madhu Arora Mumbai [India], : Himalaya Pub. House, 2007 Pubbl/distr/stampa **ISBN** 1-282-80150-3 9786612801501 1-4416-6121-2 93-5043-407-5 600-00-2685-4 Edizione [Rev. ed.] Descrizione fisica 1 online resource (429 p.) Altri autori (Persone) AroraMadhu Disciplina 571.4 Soggetti **Biophysics** Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali COVER; Contents; Chapter 1: Introduction to Biophysics; Chapter 2: Nota di contenuto Laws of Physics and Chemistry: Chapter 3: Bioenergetics: Chapter 4: Carbohydrates; Chapter 5: Proteins; Chapter 6: Nucleic Acids; Chapter 7: Lipids and Biological Membranes: Chapter 8: Light Microscopy: Chapter 9: Electron Microscopy; Chapter 10: Radioactivity; Chapter 11 : Separation Techniques; Chapter 12: Physico-Chemical Techniques to Study Biomolecules; Chapter 13: Spectroscopy; Chapter 14: Nuclear Magnetic Resonance Spectroscopy; Chapter 15: X-Ray Crystallography; Chapter 16: Model Building Chapter 17: Energy Pathways in BiologyChapter 18: Biomechanics; Chapter 19: Neurobiophysics; Chapter 20: Origin and Evolution of Life Biophysics is an interdisciplinary subject. This present text discusses Sommario/riassunto the various aspects of Biophysics, giving approximately equal emphasis to these major aspects. It has been thus possible to show the interrelationship of the different aspects of the subject in a coherent framework. This text has been written to be, as far as is possible, self contained ,with most equations fully derived and critically discussed. It

is supported by a large number of diagrams and micrographs which the

author may feel necessary.