

1. Record Nr.	UNINA9910821638003321
Autore	Chatwal Gurdeep R
Titolo	Biophysics [[electronic resource] /] / Gurdeep R. Chatwal ; edited by Madhu Arora
Pubbl/distr/stampa	Mumbai [India], : Himalaya Pub. House, 2007
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
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	COVER; Contents; Chapter 1 : Introduction to Biophysics; Chapter 2 : 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
Sommario/riassunto	Biophysics is an interdisciplinary subject. This present text discusses the various aspects of Biophysics,giving approximately equal emphasis to these major aspects. It has been thus possible to show the inter - relationship 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.

