

The most up-to-date and thorough textbook on the fundamentals of biophysics for the student, professor, or engineer

Biophysics is a science that comprises theoretical plotting and models based on contemporary physicochemical conceptions. They mirror physical specificity of the molecular organization and elementary processes in living organisms, which in their turn form the molecular basis of biological phenomena. Presentation of a complete course in biophysics requires vast biological materials as well as additional involvement of state-of-the-art concepts in physics, chemistry, and mathematics. This is essential for the students to perceive the specific nature and peculiarity of molecular biological processes and to see how this specificity is displayed in biological systems. This is the essence of the up-to-date biophysical approach to the analysis of biological processes.

Fundamentals of Biophysics offers complete and thorough coverage of the material in a straightforward, no-nonsense format, providing a new and unique approach to the material that presents the appropriate topics without extraneous and unneeded filler material.

Audience:

Biophysicists, biologists, chemists, physicists, chemical engineers, professors and students in biophysics, endocrinologists, and other scientists working in any disciplines associated with biophysics

Fundamentals of Biophysics:

- Presents thorough and in-depth coverage of the fundamentals of biophysics, providing the most up-to-date research available
- Covers the most recent advances in biophysics
- Covers new and emerging topics in biophysics, as well as the general theories
- Is written by one of the world's foremost authorities on the topic and is the best textbook available

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