

Theoretical and Experimental Biophysics

A Series of Advances

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416 pages, *illustrated*

For this series, biophysics has been defined in its broadest sense as the study of biological problems utilizing to as complete an extent as possible the contemporary concepts and tools of mathematics, physics, and chemistry. In the last four decades, the biological investigator has had at his immediate disposal tools such as electron microscopy, X-ray diffraction, spectroscopy, ultracentrifugation, chromatography, and radiation structure analysis, among others. In addition, the concepts of quantum theory, information theory, automation, and the use of modern computers provide a new basis on which to build and test biological hypotheses. This series will provide both a review in depth and a general approach which should induce a cross fertilization of information of the seemingly disconnected fields. This series is written for physicists, mathematicians, chemists, and biochemists interested in biophysics.

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