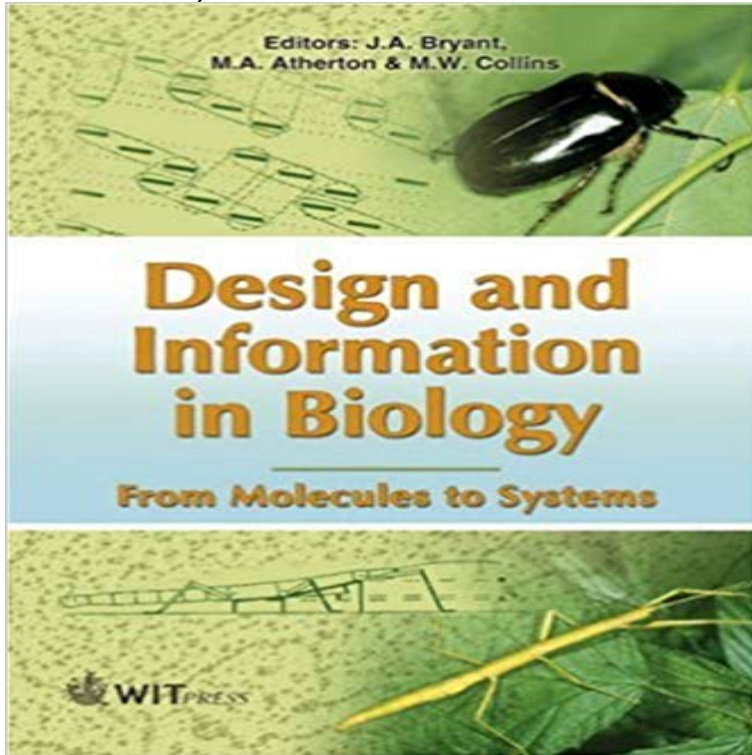


Design and Information in Biology: From Molecules to Systems (Design in Nature)



This volume, the second of two providing the holistic introduction to the AADesign and NatureAA series, focuses initially on DNA as a starting point for the consideration of the evolution of information and complexity in the natural world. The significance of the dual functions of DNA and the complexity of biomolecules, emphatically revealed by results from the Human Genome Project, are considered both in the context of the way living things work and in relation to the origin of life. Volume 2 complements and extends the scope of Volume 1, with the biological viewpoint being stressed. Following an introductory chapter on design as understood in biology, the various aspects of the biological information revolution are addressed. Areas discussed include molecular structure, the genome, development, and neural networks. Highlighted with individual contributions from eminent specialists, this multi-authored volume combines authority, inspiration and state-of-the-art knowledge. Both informative and inspiring, it is designed to appeal to scientists and interested people alike.

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