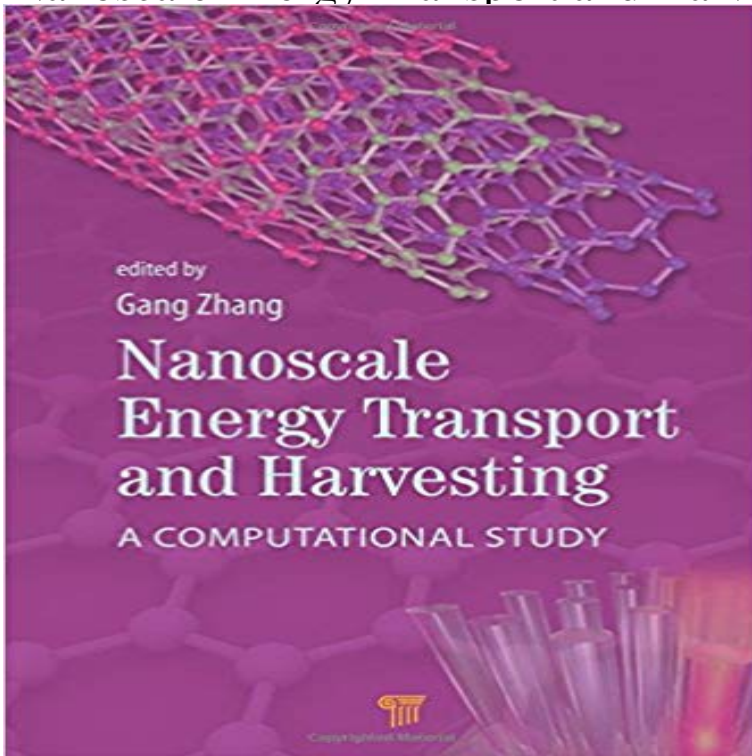


# Nanoscale Energy Transport and Harvesting: A Computational Study



Energy transport and conversion in nanoscale structures is a rapidly expanding area of science. It looks set to make a significant impact on human life and, with numerous commercial developments emerging, will become a major academic topic over the coming years. Owing to the difficulty in experimental measurement, computational simulation has become a powerful tool in the study of nanoscale energy transport and harvesting. This book provides an introduction to the current computational technology and discusses the applications of nanostructures in renewable energy and the associated research topics. It will be useful for theorists, experimentalists, and graduate-level students who want to explore this new field of research. The book addresses the currently used computational technologies and their applications in study of nanoscale energy transport and conversion. With content relevant to both academic and commercial viewpoints, it will interest researchers and postgraduates as well as consultants in the renewable energy industry.

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