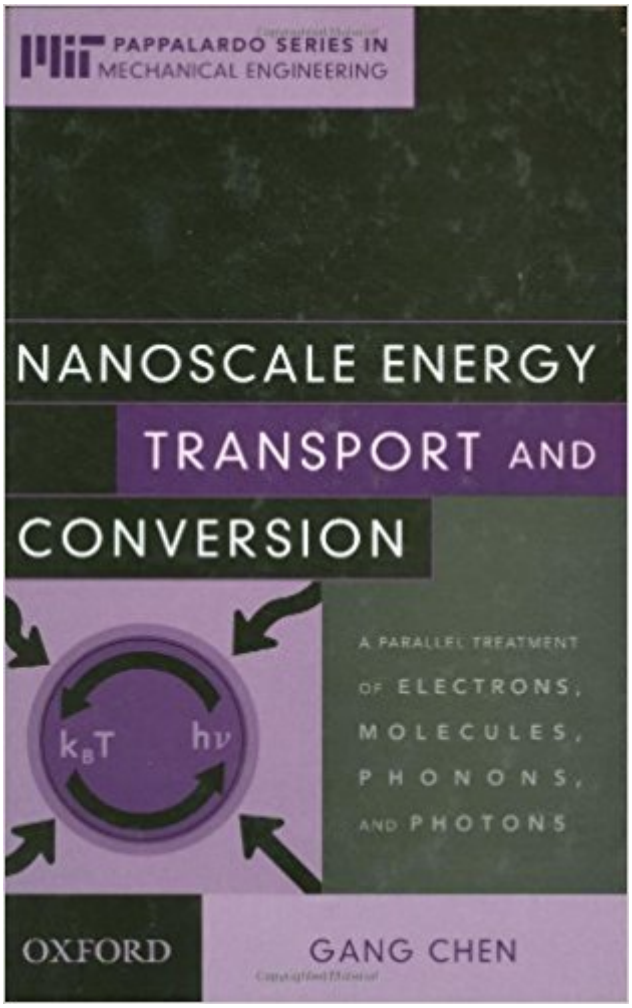
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Synopsis

This is a graduate level textbook in nanoscale heat transfer and energy conversion that can also be used as a reference for researchers in the developing field of nanoengineering. It provides a comprehensive overview of microscale heat transfer, focusing on thermal energy storage and transport. Chen broadens the readership by incorporating results from related disciplines, from the point of view of thermal energy storage and transport, and presents related topics on the transport of electrons, phonons, photons, and molecules. This book is part of the MIT-Pappalardo Series in Mechanical Engineering.

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"This book is designed as a senior- or graduate-level course resource and will also serve as a reference for practicing engineers and researchers."--CHOICE

Gang Chen is at MIT.

Very good quality book. Advanced math, graduate level book for sure. Good for multidisciplinary studies in engineering.

This book is very useful for my research work. Although the first few chapters are summaries of

what one learns in different courses, the "parallel treatment" is a good concept. And the last few chapters are getting deeper.

Great book to supplement a nanoscale heat transfer course. The text is laid out in a way that it is very readable and you are able to teach yourself the material.

Best ever I've read. Very good for research graduate students in areas of materials of engineering and technology. Very helpful!

Great book! It covers a wide range of topics in a naturally interconnected way. I'm studying material science, but the book is written in a way that would benefit EEs, MEs, chemists, physicist.... I'm reading it with Kittel's solid state physics, Sze's Semiconductor device and technology, and griffith's Electrodynamics. They complement each other well!

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