

Fundamentals Of Semiconductors Physics And Materials Properties

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I'm a Ph.D on physics, I read this book from page to page and worked out the problems. This is an excellent book on the physics of semiconductors, NOT on semiconductor devices! The text is well written. The physical concept is clearly explained, mostly with a diagram or a graph.

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This fourth edition of the well-established Fundamentals of Semiconductors serves to fill the gap between a general solid-state physics textbook and research articles by providing detailed explanations of the electronic, vibrational, transport, and optical properties of semiconductors.

Fundamentals of Semiconductors: Physics and Materials ...

This book, therefore, includes only relevant topics in the fundamentals of the physics of semiconductors and of electrochemistry needed for understanding the intricacy of the subject of photovoltaic solar cells and photoelectrochemical (PEC) solar cells.

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