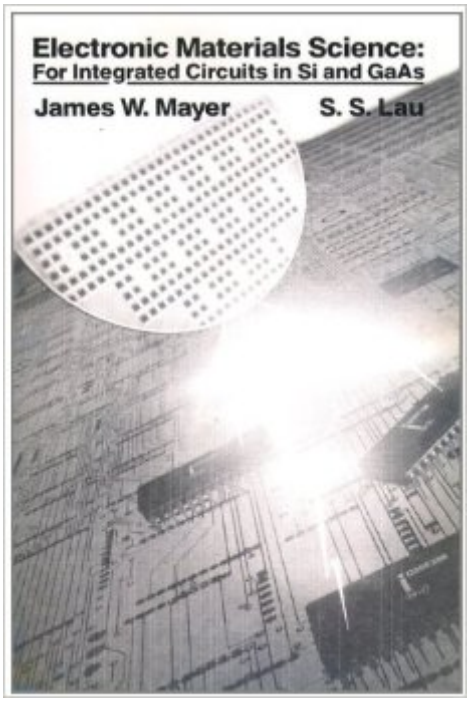
Electronic Materials Science: For Integrated Circuits In Si And GaAs



Synopsis

Textbook for electronic material science: for integrated circuits.

Book Information

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Customer Reviews

I was assigned this textbook in a class I took that was taught by James W. Mayer himself. Though we never used the book in the class, I read it myself and was quite impressed with it. The book is very understandable for anyone having taken freshman physics and chemistry in college. It gives a good introduction to the science and technology of semiconductors; emphasis on silicon and gallium arsenide substrates of course. The pages are chock full of figures and diagrams, and there is a lot of equations that are well-explained. Overall, a good textbook to use for learning about semiconductors.

I found that this book explained the necessary and important concepts well. It’s a good book as an introduction to Semiconductors, especially if you need to understand the concepts before you go into the deeper stuff. It also provides the mathematics on deriving some of the equations without expecting the reader to already to know how the equations came about. Good for undergraduates & graduates who are starting to take stuff in this field.

Electronic Materials Science: For Integrated Circuits in SI and GaAs GaAs MESFET Circuit Design

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