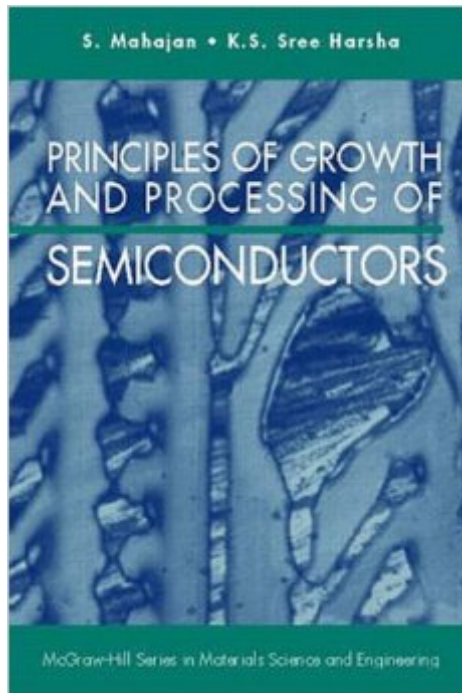


The book was found

Principles Of Growth And Processing Of Semiconductors



Synopsis

A senior/graduate text on the growth and processing of semiconductor materials (semiconductor fabrication) that will expose material/electrical and chemical engineering majors to the principles underlying the fabrication of state-of-the-art integrated circuits and their applications.

Book Information

Series: McGraw-Hill Series in Materials Science and Engineering

Hardcover: 528 pages

Publisher: McGraw-Hill Science/Engineering/Math; 1 edition (March 23, 1998)

Language: English

ISBN-10: 0070396051

ISBN-13: 978-0070396050

Product Dimensions: 8.5 x 11 inches

Shipping Weight: 1.6 pounds

Average Customer Review: 3.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #698,515 in Books (See Top 100 in Books) #47 inÂ Books > Engineering & Transportation > Engineering > Materials & Material Science > Extraction & Processing #101 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits > Integrated #118 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Semiconductors

Customer Reviews

This book is a good book for learning about semiconductors and semiconductor processing. It is intended for upper-division college students in materials science, electrical and chemical engineering. The book is fairly easy to read, the math is not too complicated, and the text is accompanied by a lot of figures, tables, references, and charts. Topics covered include crystal structures and defects, different methods for growing semiconductor crystals, analysis of semiconductors, diffusion and ion implantation. There are homework problems at the end of each chapter, along with example problems worked out within the text itself. There are many mistakes and typos in these examples, so I would not buy this version, but wait for a newer one.

[Download to continue reading...](#)

Principles of Growth and Processing of Semiconductors Epitaxy of Semiconductors: Introduction to Physical Principles (Graduate Texts in Physics) Why Growth Matters: How Economic Growth in

India Reduced Poverty and the Lessons for Other Developing Countries Contamination-Free Manufacturing for Semiconductors and Other Precision Products Semiconductors and Semimetals, Vol. 19: Deep Levels, GaAs, Alloys, Photochemistry Advanced Physics of Electron Transport in Semiconductors and Nanostructures (Graduate Texts in Physics) Atomic Layer Deposition for Semiconductors Semiconductors: Data Handbook Semiconductors for Solar Cells (Artech House Optoelectronics Library) The Physics of Low-dimensional Semiconductors: An Introduction The Essential Guide to Semiconductors Optical Processes in Semiconductors (Prentice-Hall electrical engineering series. Solid state physical electronics series) Hot Carriers in Semiconductors Chemical Physics of Nanostructured Semiconductors Bayesian Signal Processing: Classical, Modern and Particle Filtering Methods (Adaptive and Cognitive Dynamic Systems: Signal Processing, Learning, Communications and Control) Speech and Audio Signal Processing: Processing and Perception of Speech and Music Biosignal and Medical Image Processing (Signal Processing and Communications) Signal Processing Algorithms in Fortran and C (Prentice-Hall Signal Processing Series) Materials Processing: A Unified Approach to Processing of Metals, Ceramics and Polymers Extensible Processing for Archives and Special Collections: Reducing Processing Backlogs

[Dmca](#)