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SEMICONDUCTOR PHYSICS AND DEVICES

Basic Principles

Donald A. Neamen

Fourth Edition

Physics Of Semiconductor Devices Solution

Chih-Tang Sah



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Physics of Semiconductor Devices Fourth Edition is an indispensable resource for design engineers research scientists industrial and electronics engineering managers and graduate students in the field

Semiconductor Physics and Devices Donald A. Neamen, 2003 This text aims to provide the fundamentals necessary to understand semiconductor device characteristics operations and limitations Quantum mechanics and quantum theory are explored and this background helps give students a deeper understanding of the essentials of physics and semiconductors

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Analysis of Intrinsic MOS Devices and Parasitic Effects Using Solutions of Poisson's Equation Stanford University. Stanford Electronics Laboratories. Integrated Circuits Laboratory,James Allan Greenfield,1983

Hot Carrier Modeling in Metal-oxide-semiconductor Devices Using the Convective Scheme Deborah Ann Fixel,2007
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