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Autore	Hoare, Charles Antony Richard
Titolo	Mathematical Logic and Programming Languages / edited by C.A.R. Hoare and J.C. Shepherdson
Pubbl/distr/stampa	Englewood Cliffs [etc.] : Prentice-Hall, 1985
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Collana	Prentice-Hall international series in computer science
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Autore	Korvink J. G
Titolo	Semiconductors for micro- and nanotechnology : an introduction for engineers
Pubbl/distr/stampa	[Place of publication not identified], : Wiley VCH, 2002
ISBN	1-280-55766-4 9786610557660 3-527-60022-1
Descrizione fisica	1 online resource (333 pages)
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Soggetti	Semiconductors - Mathematics Nanotechnology - Mathematics Microtechnology Electricity & Magnetism Physics Physical Sciences & Mathematics Electronic books.
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Sommario/riassunto	Semiconductors play a major role in modern microtechnology, especially in microelectronics. Since the dimensions of new microelectronic components, e.g. computer chips, now reach nanometer size, semiconductor research moves from microtechnology to nanotechnology.; An understanding of the semiconductor physics involved in this new technology is of great importance for every student in engineering, especially electrical engineering, microsystem technology and physics.; This textbook emphasizes a system-oriented view of semiconductor physics for applications in microsystem technology. While existing books only cover electronic device physics and are mainly written for physics students, this text gives a more hands-on approach to semiconductor physics and so avoids overloading engineering students with mathematical formulas not

essential for their studies.