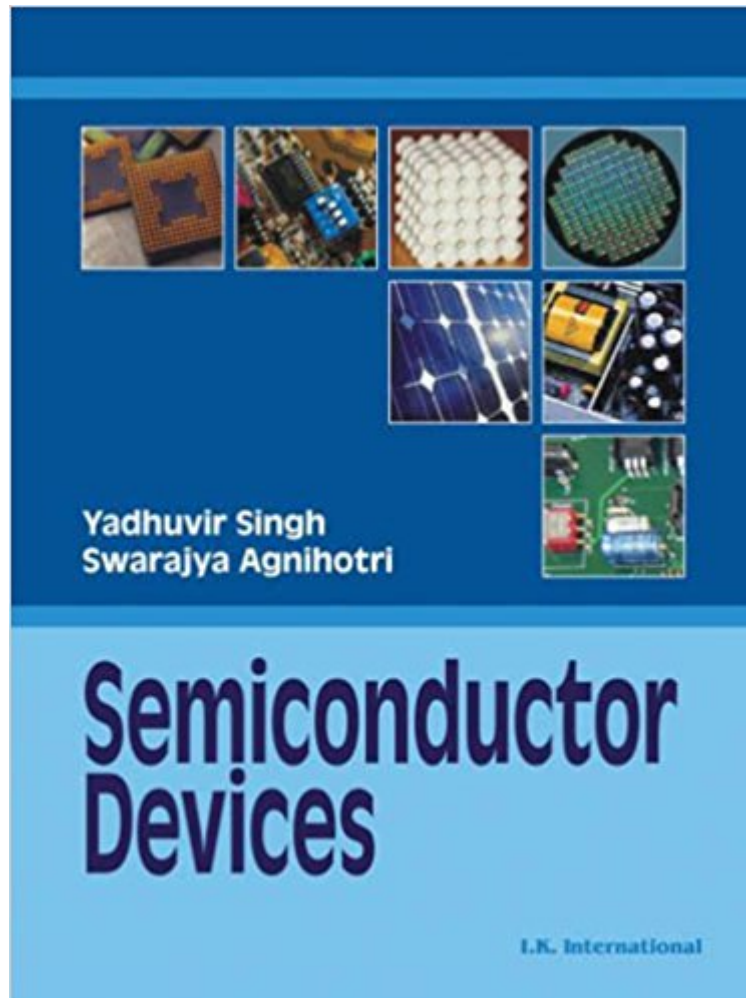




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Semiconductor Devices



Synopsis

Semiconductor devices is an interdisciplinary subject of great industrial importance. This subject has led to the emergence of various state of art areas of engineering and technology like IC fabrication and packaging. Microelectronics, VLSI, analog digital electronics, semiconductor electronics, etc. This book provides an integrated treatment of all aspects of semiconductor devices like semiconductor physics, semiconductor electronics, device designing, circuit development, analog circuit design, development and analysis etc. This book has been written as per the syllabus of Semiconductor Devices of various technical universities like UPTU, PTU, Thapar University, BITS, VIT, BIT, PEC, NITs, IITs, SLIET, DEI, NSIT, DEC, VJTI, RGPV, MIT, NERIST, MAHE, GBPUAT, JU, BEC, BVP Pune, Pune University, Mumbai University. It discusses p-n junction diodes, bipolar junction transistors, high frequency transistors, field-effect transistors and power supplies in detail.

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