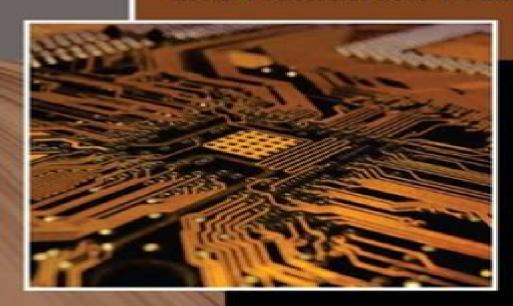


# Semiconductor Device Fundamentals

with Computer-Based Exercises and Homework Problems



Robert F. Pierret

# **Semiconductor Device Fundamentals**

Betty Lise Anderson, Richard L. Anderson

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part the material in parts 2 and 3 is applied to describe simple semiconductor devices including the MOSFET the Schottky and PN junction diodes and optoelectronic devices With a wide range of exercises this textbook is readily adoptable for an undergraduate course on semiconductor physics devices and with its emphasis on consolidating and applying knowledge of fundamental physics it will leave students in engineering and the physical sciences well prepared for a future where quantum industries proliferate

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