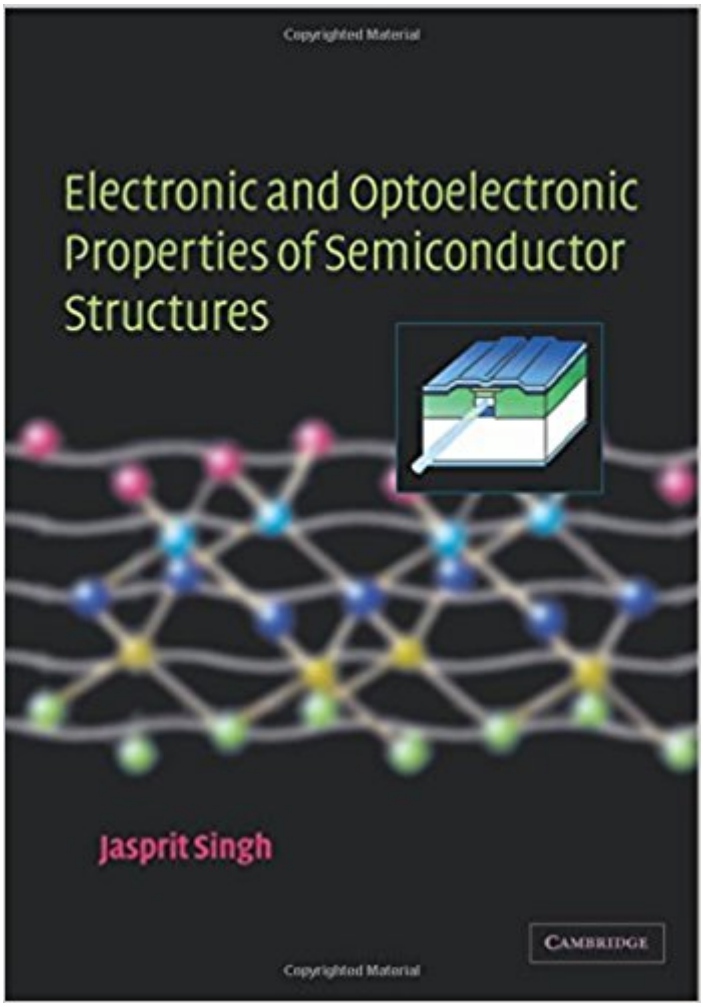
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Jasprit Singh presents the underlying physics behind devices that drive today's technologies, utilizing carefully chosen solved examples to convey important concepts. Real-world applications are highlighted throughout the book, stressing the links between physical principles and actual devices. The volume provides engineering and physics students and professionals with complete coverage of key modern semiconductor concepts. A solutions manual and set of viewgraphs for use in lectures is available for instructors, from solutions@cambridge.org.

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