

Semiconductor Radiation Detectors: Device Physics and Applications

An Essential Resource for Designers, Engineers, and Scientists

Semiconductor radiation detectors are a key component of many modern instruments, ranging from medical imaging devices to high-energy physics experiments. These detectors rely on the ability of semiconductor materials to convert radiation into electrical signals. This book provides a comprehensive overview of the physics of semiconductor radiation detectors, including their basic principles, operation, and applications.

Coverage Includes:

- The basic principles of semiconductor radiation detectors
- The different types of semiconductor radiation detectors
- The operation of semiconductor radiation detectors
- The applications of semiconductor radiation detectors

Benefits of Reading This Book:

- Gain a deep understanding of the physics of semiconductor radiation detectors
- Learn about the different types of semiconductor radiation detectors
- Discover the operation of semiconductor radiation detectors
- Explore the applications of semiconductor radiation detectors

Who Should Read This Book:

- Designers of semiconductor radiation detectors
- Engineers who work with semiconductor radiation detectors
- Scientists who use semiconductor radiation detectors
- Students who are interested in learning about semiconductor radiation detectors

About the Authors

The authors of this book are leading experts in the field of semiconductor radiation detectors. They have decades of experience in the design, development, and application of these devices. They have written this book to share their knowledge and expertise with others.



Semiconductor Radiation Detectors: Device Physics

by Gerhard Lutz

★★★★☆ 4.2 out of 5

Language : English

File size : 9082 KB

Print length : 364 pages



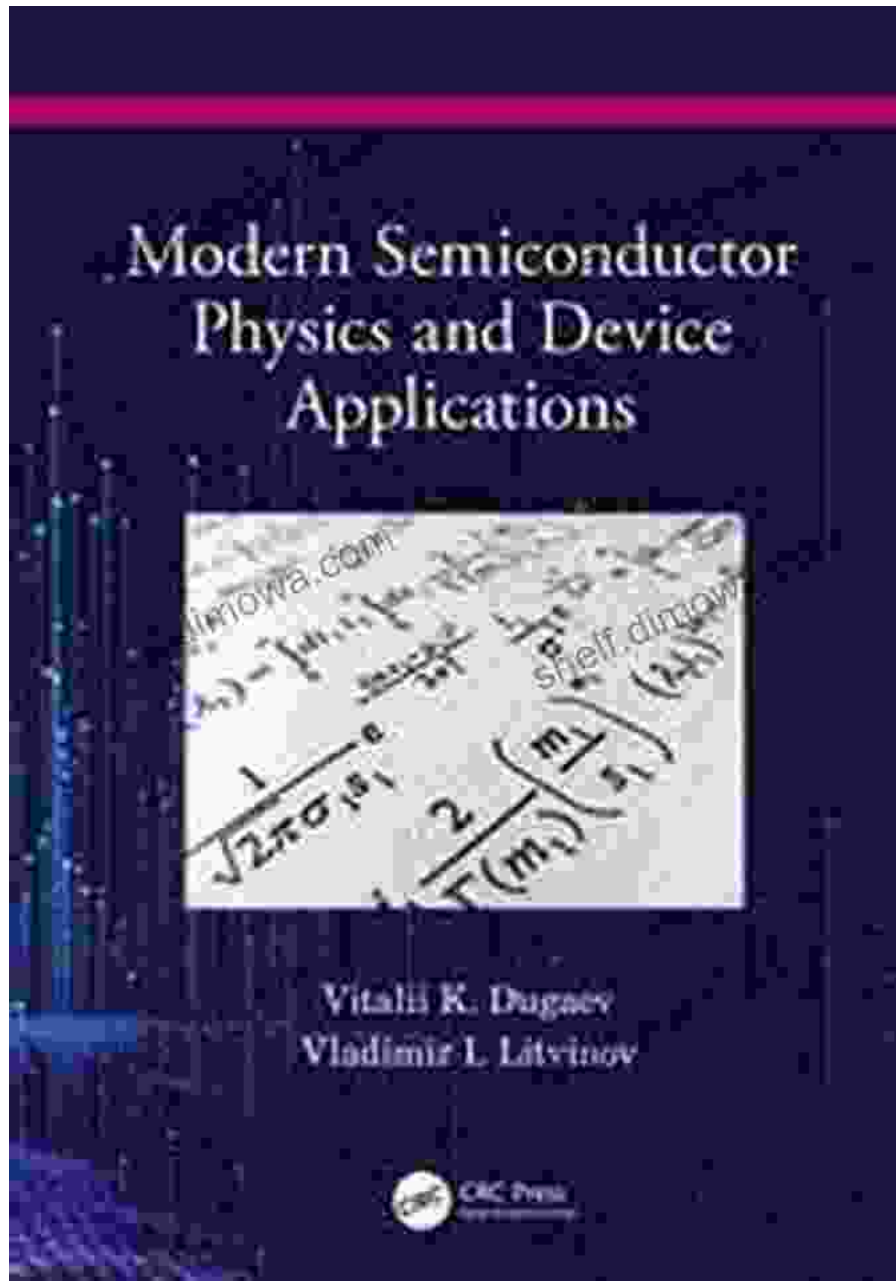
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This book is a valuable resource for anyone who is interested in learning about semiconductor radiation detectors. Free Download your copy today and start exploring the fascinating world of these devices!

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