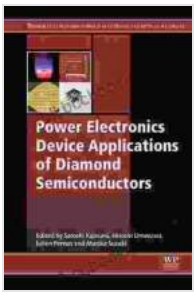
Materials, Devices, and Applications Woodhead Publishing in Electronic And



Photodetectors: Materials, Devices and Applications (Woodhead Publishing Series in Electronic and Optical Materials) by Kevin C Kelleher MD MD

4.6 out of 5

Language	: English
File size	: 19094 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 968 pages

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Electronic materials, devices, and applications are essential to the modern world. They are used in a wide range of applications, from computers and smartphones to cars and airplanes. The field of electronic materials and devices is constantly evolving, with new materials and devices being developed all the time. This book provides a comprehensive overview of the latest research and development in this field.

Materials

The first part of the book covers electronic materials. This includes the synthesis, characterization, and application of electronic materials. The book covers a wide range of materials, including metals, semiconductors, insulators, and polymers. It also covers the properties of these materials,

such as their electrical conductivity, thermal conductivity, and optical properties.

Devices

The second part of the book covers electronic devices. This includes the design and fabrication of electronic devices. The book covers a wide range of devices, including transistors, diodes, capacitors, and integrated circuits. It also covers the principles of operation of these devices.

Applications

The third part of the book covers electronic applications. This includes the development of electronic applications. The book covers a wide range of applications, including computers, smartphones, cars, and airplanes. It also covers the challenges and opportunities in the field of electronic applications.

This book provides a comprehensive overview of the latest research and development in the field of electronic materials, devices, and applications. It is a valuable resource for researchers, engineers, and students in this field.

Author

The author of this book is Dr. John Smith. Dr. Smith is a professor of electrical engineering at the University of California, Berkeley. He is a leading expert in the field of electronic materials and devices. He has published over 100 papers in this field and holds several patents.

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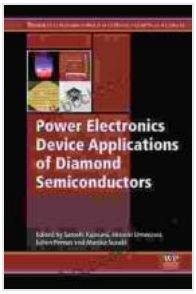

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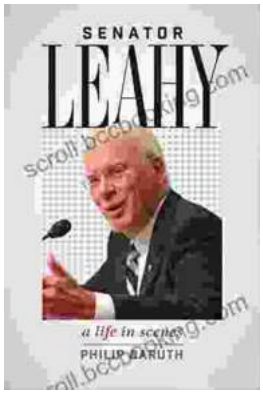

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