



Optoelectronics: Infrared-Visible-Ultraviolet Devices and Applications, Second Edition (Optical Science and Engineering)

By Dave Birtalan, William Nunley

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Organized as a mini-encyclopedia of infrared optoelectronic applications, this long awaited new edition of an industry standard updates and expands on the groundbreaking work of its predecessor. Pioneering experts, responsible for many advancements in the field, provide engineers with a fundamental understanding of semiconductor physics and the technical information needed to design infrared optoelectronic devices.

Fully revised to reflect current developments in the field, **Optoelectronics: Infrared-Visible-Ultraviolet Devices and Applications, Second Edition** reviews relevant semiconductor fundamentals, including device physics, from an optoelectronic industry perspective. This easy-reading text provides a practical engineering introduction to optoelectronic LEDs and silicon sensor technology for the infrared, visible, and ultraviolet portion of the electromagnetic spectrum.

Utilizing a practical and efficient engineering approach throughout, the text supplies design engineers and technical management with quick and uncluttered access to the technical information needed to design new systems.

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About the Author

OPTEK Technology, Carrollton, Texas, USA Technical Consultant, (retired from TRW Inc) Richardson, Tex University of Rochester, New York, USA

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