

Infrared Technology - Applications to Electro-Optics, Photonic Devices, and Sensors

Pages: 450

Publisher: John Wiley & Sons

Format: pdf

Size: 23.6 MB

Release date: 2000

Language: English

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Rapid advances in infrared (IR), photonic, and electro-optic technologies have given rise to sophisticated sensors with important commercial, industrial, and military applications from remote sensing, surveillance, and high-resolution TV to home security systems. This book provides scientists and engineers with a comprehensive, state-of-the-art guide to the analysis and development of IR, photonic, and electro optical devices and systems for specific applications. Well-known industry expert A. R. Jha compiles and consolidates the latest data on IR sources and systems, presenting fully referenced technical information plus numerical examples illustrating performance parameters and design aspects for an amazingly broad array of applications.

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