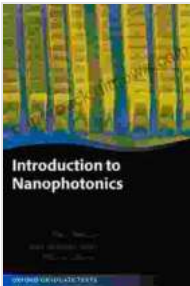


Introduction to Nanophotonics: Oxford Graduate Texts



Introduction to Nanophotonics (Oxford Graduate Texts)

by Kazimierz Kuratowski

★★★★☆ 4.4 out of 5

Language : English

File size : 95107 KB

Print length : 368 pages

Lending : Enabled

Screen Reader: Supported

Paperback : 50 pages

Item Weight : 6.4 ounces

Dimensions : 8.5 x 0.13 x 11 inches



Overview

Nanophotonics is the study of the interaction of light with matter at the nanoscale. It is a rapidly growing field with applications in a wide range of areas, including telecommunications, medicine, and energy. This book provides a comprehensive to nanophotonics, covering the fundamental principles, materials, and devices.

The book is divided into three parts. Part I introduces the fundamental principles of nanophotonics, including the interaction of light with matter, waveguides, and resonators. Part II discusses the materials used in nanophotonics, including metals, semiconductors, and dielectrics. Part III covers the devices used in nanophotonics, including lasers, detectors, and modulators.

The book is written in a clear and concise style, and it is suitable for both graduate students and researchers in the field of nanophotonics. It is also a valuable resource for engineers and scientists who are interested in learning about the potential applications of nanophotonics.

Key Features

- Provides a comprehensive to nanophotonics
- Covers the fundamental principles, materials, and devices
- Written in a clear and concise style
- Suitable for both graduate students and researchers
- A valuable resource for engineers and scientists

Author

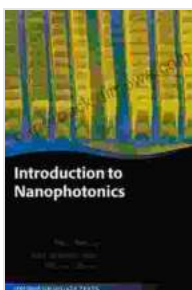
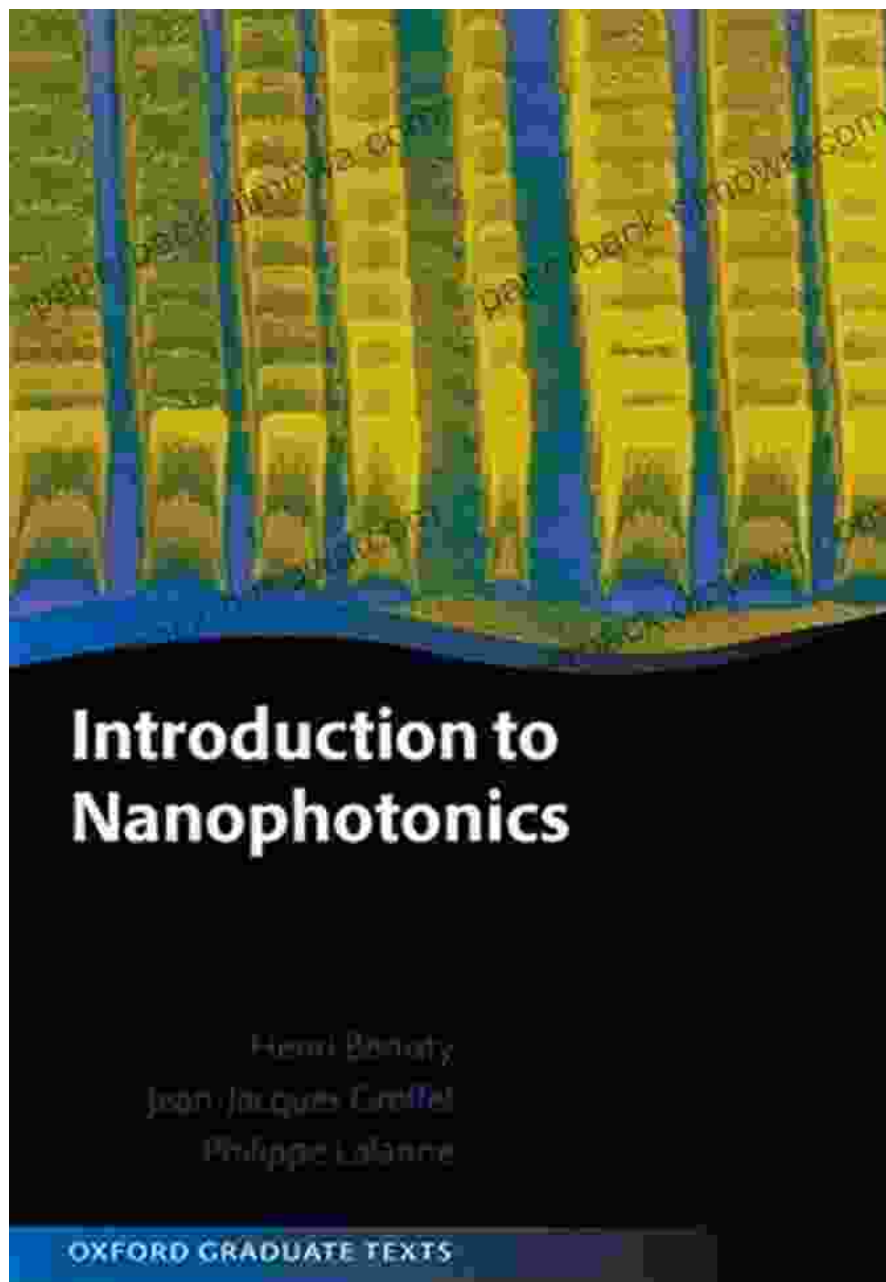
The book is written by David L. Andrews, a professor of electrical engineering at the University of California, Berkeley. Andrews is a leading expert in the field of nanophotonics, and he has published over 200 papers in the field. He is also the author of the book *Lasers: Theory and Applications*.

Availability

The book is available in hardcover, paperback, and e-book formats. It can be Free Downloadd from Our Book Library, Barnes & Noble, and other online retailers.

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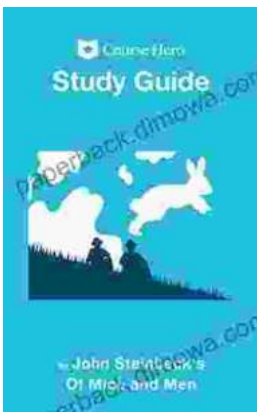
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