



## Functional Materials: Electrical, Dielectric, Electromagnetic, Optical and Magnetic Applications: AND Companion Solution Manual

By Deborah D. L. Chung

World Scientific Publishing Co Pte Ltd. Paperback. Book Condition: new. BRAND NEW, Functional Materials: Electrical, Dielectric, Electromagnetic, Optical and Magnetic Applications: AND Companion Solution Manual, Deborah D. L. Chung, The development of functional materials is at the heart of technological needs and the forefront of materials research. This book provides a comprehensive and up-to-date treatment of functional materials, which are needed for electrical, dielectric, electromagnetic, optical, and magnetic applications. Materials concepts covered are strongly linked to applications. Textbooks related to functional materials have not kept pace with technological needs and associated scientific advances. Introductory materials science textbooks merely gloss over functional materials while electronic materials textbooks focus on semiconductors and smart materials textbooks emphasize more on limited properties that pertain to structures. "Functional Materials" assumes that the readers have had a one-semester introductory undergraduate course on materials science. The coverage on functional materials is much broader and deeper than that of an introductory materials science course. The book features hundreds of illustrations to help explain concepts and provide quantitative information. The style is general towards tutorial. Most chapters include sections on example problems, review questions and supplementary reading. This book is suitable for use as a textbook in

## Reviews

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