

eBook Information

An Introduction to Hard Ferrites

From Fundamentals to Practical Applications

**Eds. Gagan Kumar Bhargava, Pankaj Sharma,
Sumit Bhardwaj, Indu Sharma**

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Due to their excellent magnetic characteristics, hard ferrites have many high-tech applications.

Keyword: Hard Ferrites, Synthesis, BaFe₁₂O₁₉, SrFe₁₂O₁₉, Magnetization, Miniaturization, EMI Shielding, Ferrofluids, Nanomaterials, Nano-Floating Gate, Permanent Magnets, Recording Media, High-Frequency Antenna, Radar Applications, Memory Devices. Spin Transmission, Spinel Model, Synthesis Methods

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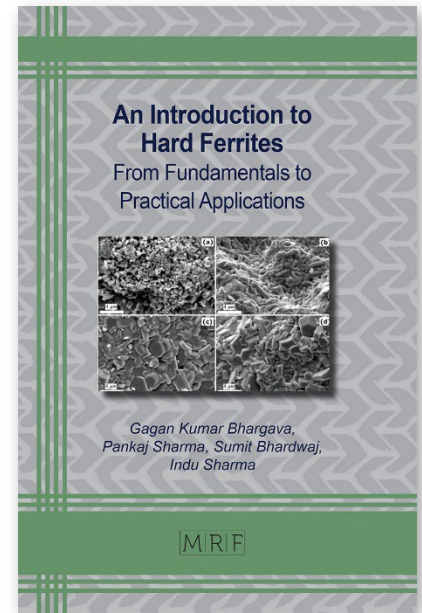
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Summary:

Due to their excellent magnetic characteristics, hard ferrites have many high-tech applications in such areas as permanent magnets, storage devices, HF Antenna and Spin Transmission. The present book reviews the present knowledge of these materials; their processing, characterization and potential applications. The book is also useful as an introductory text for students at the postgraduate research level.



Print Book Information

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