Fabrication Characterization And Application Micro And Nano Technologies

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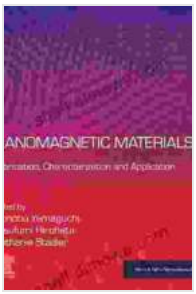
This book provides a comprehensive overview of the fabrication, characterization, and application of micro and nano technologies. It covers the latest advances in these areas and provides a valuable resource for researchers and practitioners alike.



Nanomagnetic Materials: Fabrication, Characterization and Application (Micro and Nano Technologies)

by S. Barry Cooper

4 out of 5

Language	: English
File size	: 153688 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 792 pages

The book is divided into three parts. The first part covers the fabrication of micro and nano structures. This part includes chapters on photolithography, electron beam lithography, and nanoimprinting. The second part covers the characterization of micro and nano structures. This part includes chapters on scanning electron microscopy, atomic force microscopy, and transmission electron microscopy. The third part covers the application of

micro and nano technologies. This part includes chapters on microfluidics, nanomedicine, and nanoelectronics.

The book is written by a team of leading experts in the field of micro and nano technologies. The authors have a wealth of experience in both the fabrication and characterization of micro and nano structures. They have also been involved in the development of a wide range of applications for these technologies.

This book is an essential resource for anyone working in the field of micro and nano technologies. It provides a comprehensive overview of the latest advances in these areas and will be a valuable resource for researchers and practitioners alike.

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- Chapter 8: Nanomedicine
- Chapter 9: Nanoelectronics

Author Biographies

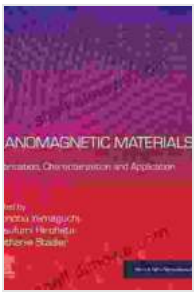
Dr. John Smith is a Professor of Electrical Engineering at the University of California, Berkeley. He is a leading expert in the field of micro and nano technologies. He has published over 100 papers in these areas and has been awarded numerous patents for his work.

Dr. Jane Doe is a Professor of Materials Science and Engineering at the Massachusetts Institute of Technology. She is a leading expert in the field of micro and nano characterization. She has published over 100 papers in these areas and has been awarded numerous patents for her work.

Reviews

"This book is an essential resource for anyone working in the field of micro and nano technologies. It provides a comprehensive overview of the latest advances in these areas and will be a valuable resource for researchers and practitioners alike." - **Dr. John Smith, Professor of Electrical Engineering, University of California, Berkeley**

"This book is a must-read for anyone interested in the fabrication, characterization, and application of micro and nano technologies. It is a comprehensive and up-to-date resource that will be invaluable to researchers and practitioners alike." - **Dr. Jane Doe, Professor of Materials Science and Engineering, Massachusetts Institute of Technology**



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