



Processing and Fabrication of Advanced Material - XXI (Two Volume Set), 1/e

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About the Book

Spread in fourteen sections which include 136 technical papers, these volumes cover the following areas:

01. Polymer Matrix Composites
02. Metal and Ceramics Matrix Composites
03. Nanocomposites
04. Nano-Structured Materials
05. Biomaterials and Bio-Composites
06. Magnetic and Superconducting Materials
07. Semiconducting Materials
08. Thin Films and Coatings
09. Advanced Materials
10. Metals and Alloys
11. Materials Characterization & Failure Analysis
12. Modeling and Simulation
13. Advanced Manufacturing Processes
14. Others

Salient Features

- ▶ A compilation of 78 research articles (136 articles in both volumes), the volume represents the diverse nature of processing and fabrication of advanced materials.
- ▶ This book deals with Polymer Matrix Composites, Metal and Ceramics Matrix Composites, Nanocomposites, Nanostructured Materials, Biomaterials and Biocomposites, Magnetic and Superconducting Materials, Demiconducting Materials, and Thin Film and Coatings.
- ▶ The contributors are not only from Indian reputed institutions like the IITs, CSIR labs and other research institutions, but also from other regions of the world.

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About the Author

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