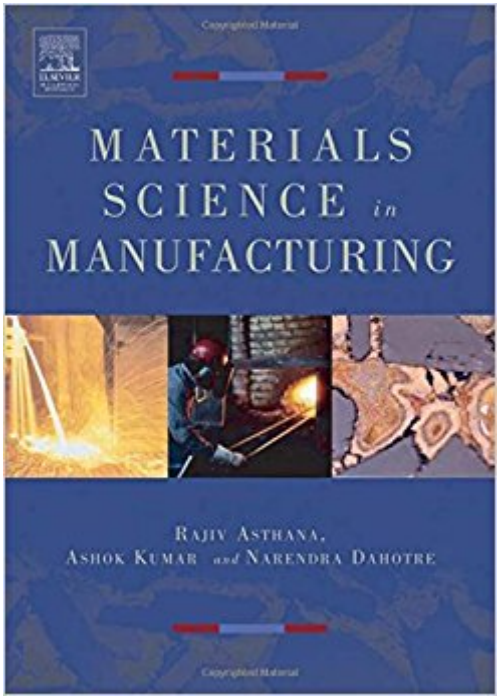
Materials Science In Manufacturing



Synopsis

â œMaterials Science in Manufacturing” focuses on materials science and materials processing primarily for engineering and technology students preparing for careers in manufacturing. The text also serves as a useful reference on materials science for the practitioner engaged in manufacturing as well as the beginning graduate student.Integrates theoretical understanding and current practices to provide a resource for students preparing for advanced study or career in industry. Also serves as a useful resource to the practitioner who works with diverse materials and processes, but is not a specialist in materials science. This book covers a wider range of materials and processes than is customary in the elementary materials science books.This book covers a wider range of materials and processes than is customary in the elementary materials science books. * Detailed explanations of theories, concepts, principles and practices of materials and processes of manufacturing through richly illustrated text* Includes new topics such as nanomaterials and nanomanufacturing, not covered in most similar works* Focuses on the interrelationship between Materials Science, Processing Science, and Manufacturing Technology

Book Information

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Customer Reviews

â œ ... contains many fundamental equations useful for a starting point in process development ... a good review ... will give the reader a good understanding of the many choices, advantages, and disadvantages or the manufacturing processes used on many types of materials.”â • IEEE

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