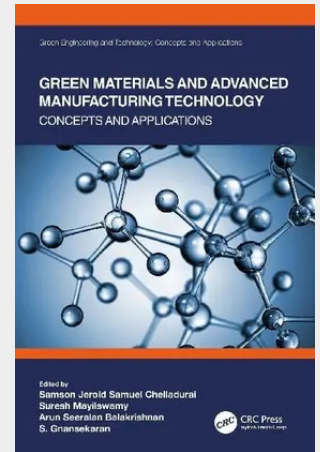


Green Materials and Advanced Manufacturing Technology

Concepts and Applications

This book includes recent theoretical and practical advancements in green composite materials and advanced manufacturing technology. It provides important original and theoretical experimental results which use nonroutine technologies often unfamiliar to some readers and covers novel applications of more familiar experimental techniques and analyses of composite problems. Green Materials and Advanced Manufacturing Technology: Concepts and Applications provides insight and a better understanding into the development of green composite materials and advanced manufacturing technology used in various manufacturing sectors. It highlights recent trends in the fields of green composites, metal matrix composites, ceramic matrix composites, surface modification using laser cladding, types of dust collectors in waste management and recycling in industries, machinability studies of metals and composites using surface grinding, drilling, electrical discharge machining, joining of metals using friction stir welding, shielded metal arc welding, and linear friction welding. This book is written for engineering students, postgraduate students, research scholars, faculty members, and industry professionals who are engaged in green composite materials and development of advanced manufacturing technology.



85,20 €

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Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780367521097

Medium: Buch

ISBN: 978-0-367-52109-7

Verlag: CRC Press

Erscheinungstermin: 04.10.2024

Sprache(n): Englisch

Auflage: 1. Auflage 2024

Serie: Green Engineering and Technology

Produktform: Kartoniert

Gewicht: 518 g

Seiten: 360

Format (B x H): 156 x 234 mm

