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Descrizione fisica	1 online resource (XV, 337 p. 205 illus., 141 illus. in color.)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Disciplina	670
Soggetti	Manufactures Industrial engineering Automation Computer-aided engineering Machines, Tools, Processes Industrial Automation Computer-Aided Engineering (CAD, CAE) and Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Computational design and digital fabrication -- Machining Of The Logarithmic Spiral – A Complex Geometries in Nature Using Macro Programming -- Automatic Feature Recognition (AFR) of The Inclined Cross- Hole in Hollow Cylinders -- Grey relational multi decision analysis of SS304 bead characteristics processed in wire arc deposition process for additive manufacturing -- Optimizing the Defocused CO2 Laser Microchanneling Process Using Grey Relational Analysis.
Sommario/riassunto	This book presents the select proceedings of the International Conference on Recent Advances in Manufacturing (RAM 2020). The volume focuses on latest research trends in manufacturing systems such as CAE, CAD/CAM, robotics and automation, reverse engineering, resource planning and simulation, computer-integrated manufacturing (CIM) systems, product life-cycle management, collaborative engineering, process monitoring control and traceability technologies, supply chain management, environment risk analysis, and manufacturing systems of renewable energy devices. The topics covered also include emerging fields of the fourth industrial revolution

such cyber physical systems and cyber security, and wireless sensors and sensor networks for manufacturing. This book will be of interest to researchers and practitioners interested in latest developments in the field of manufacturing systems.

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