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Nota di contenuto	Specific Heat of Nanofluids - An Experimental Investigation -- Study of Effects of Part Commonality on Stochastically Variable Product Demand -- Application of a Goal programming to optimize the schedule and frequency of product advertisement in Telemedia -- Impact of wall angle, step size and spindle speed on forming force in SPIF -- Location and capacity allocation decisions to mitigate the impacts of unexpected man-made disasters in Delhi: A Goal Programming approach -- Single slope single basin active solar still integrated with ETCs: A Review -- A review on nuclear energy based hydrogen production methods -- Experimental investigations on bubble detection in water-air two-phase vertical columns -- Design Optimization and comprehensive study of three-way cylindrical-shaped PPE sterilizer -- Power

generation from waste heat by using thermoelectric modules -- Effect of SiC nanoparticles concentration on the tribological behavior of karanja oil -- Performance Characteristics of Karanja Biodiesel Blends Using Energy Audit Technique.

Sommario/riassunto

This book presents the select proceedings of the second International Conference on Recent Advances in Mechanical Engineering (RAME 2020). The topics covered include aerodynamics and fluid mechanics, automation, automotive engineering, composites, ceramics and polymers processing, computational mechanics, failure and fracture mechanics, friction, tribology and surface engineering, heating and ventilation, air conditioning system, industrial engineering, IC engines, turbomachinery and alternative fuels, machinability and formability of materials, mechanisms and machines, metrology and computer-aided inspection, micro- and nano-mechanics, modelling, simulation and optimization, product design and development, rapid manufacturing technologies and prototyping, solid mechanics and structural mechanics, thermodynamics and heat transfer, traditional and non-traditional machining processes, vibration and acoustics. The book also discusses various energy-efficient renewable and non-renewable resources and technologies, strategies and technologies for sustainable development and energy & environmental interaction. The book is a valuable reference for beginners, researchers, and professionals interested in sustainable construction and allied fields. .
