

1. Record Nr.	UNINA9911015630103321
Autore	Chakraborty Suman
Titolo	Advances in Mechanical Engineering Volume 2 : Select Proceedings of ICRAME 2023 // edited by Suman Chakraborty, R. D. Misra, P. K. Patowari, Prasun Chakraborti
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9666-13-9
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (521 pages)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Altri autori (Persone)	MisraR. D PatowariP. K ChakrabortiPrasun
Disciplina	670
Soggetti	Industrial engineering Production engineering Materials Thermodynamics Heat engineering Heat - Transmission Mass transfer Industrial and Production Engineering Materials Engineering Engineering Thermodynamics, Heat and Mass Transfer
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Techno Feasibility Study Of The Solar Chimney With Storage: A Case Study Based On Climatic Data From The States Of North-Eastern India -- Fault Diagnosis In Rotating Machines Using Vibration Analysis -- Forced Convection Heat Transfer Around A Isothermal Sphere For Low Prandtl Numebrs -- Rayleigh-Benard Convection In A Rectotrapezoidal Enclosure -- An Experimental Analysis Of Free Convection In The Top Open And Side Vented Inclined Cavity With The Bottom Heated Plate -- Comparison Of 2D And 3D CFD Based Models Of Tuned Liquid Dampers -- Prediction Of Store Separation Trajectories Of The Eglin Test Model Using Cradle CFD.

This book presents select proceedings of the 4th International Conference on Recent Advancements in Mechanical Engineering (ICRAME 2023). Various topics covered in this book volume are intelligent manufacturing systems, tribology, nanomechanics, MEMS, solar thermal energy, design engineering, materials, conventional and non-conventional machining, etc. The book is useful for researchers and professionals working in the different areas of mechanical engineering.
