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Titolo	Advances in Engineering Research and Application : Proceedings of the International Conference on Engineering Research and Applications, ICERA 2023, Volume 1 / / edited by Duy Cuong Nguyen, Do Trung Hai, Ngoc Pi Vu, Banh Tien Long, Horst Puta, Kai-Uwe Sattler
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Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 943
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Soggetti	Engineering mathematics Engineering - Data processing Mechanical engineering Electrical engineering Mathematical and Computational Engineering Applications Mechanical Engineering Electrical and Electronic Engineering
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A new algorithm for controlling FESS in the microgrid -- A Comparison of Fatigue Tensile Polysilicon Thin Films at Micro-Scale Using Single and Parallel Setups -- A Method for Straight Take-off of Quadrotors in GPS-Denied Environments using Optical Flow -- A study of the surface forming accuracy with a local convex umbilical structure when CNC milling -- A Study on Multi-Criteria Decision Making in Wire-EDM Process Using TOPSIS Method -- A study on Multi-Objective Optimization of a Two-stage Bevel Helical Gearbox -- Electromechanical properties of BCN monolayer -- Estimating the difference between actual driving characteristics and world motorcycle test cycle: a case study for motorcycles in Hanoi.
Sommario/riassunto	This book covers the International Conference on Engineering Research and Applications (ICERA 2023), which was held on December 1–2, 2023 at Thai Nguyen University of Technology in Thai Nguyen, Vietnam, and provided an international forum to disseminate information on latest

theories and practices in engineering research and applications. The conference focused on original research work in areas including mechanical engineering, materials and mechanics of materials, mechatronics and micro mechatronics, automotive engineering, electrical and electronics engineering, information and communication technology. By disseminating the latest advances in the field, the proceedings of ICERA 2023, Advances in Engineering Research and Application, assists academics and professionals alike to reshape their thinking on sustainable development.
