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Nota di contenuto	Experimental study for superheated steam drying of apple slice -- High Quality Torque for Five-phase Open-end Winding Non-sinusoidal Permanent Magnet Synchronous Machine Drives -- Hoang Linh Nguyen, Minh Son Nguyen, The Quang Tran, Toan Thang To, Van Thanh Vuong, The Hung Dinh and Van Truong Do -- Hybrid energy storage on electric vehicles -- Identifying Best Input Elements in PMEDM 90CrSi Steel by MAIRCA Method -- Improvement of motion stability for AGV using Pure-Pursuit path tracking algorithm -- Influence of Dressing Parameters on Wheel Life in Surface Grinding Hardox 500 -- Influence of the NdFeB permanent magnet on working characteristics of LSPMSM -- Iterative learning control (ILC) for nonlinear system with slow variable parameter and noise, applications for wastewater treatment plantcontribution -- Interface Formation Induced by Friction Stir Welded Tool Offset in T-lap Joint of AA7075 and AA5083 -- Investigate

a folding mechanism using cylinder for operation -- Investigation of the particle velocity of the amorphous powder -- Investigations on Drilling of Al/CFRP/Ti Stacks using Micro Grooved drills -- Kinematic model and fast-terminal sliding mode for four-Mecanum-wheeled mobile robot.

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.
