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Altri autori (Persone)	LaribiMed Amine
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Nota di contenuto	Modeling and simulation of a slung load system for UAS -- Research on posture dependent mode coupling chatter in robotic milling -- Design of intelligent anti theft alarm system for electric bicycles based on NB IoT -- On necessity of conscious learning From robots to humans -- High precision tracking simulation of stepper motor based on improved SVPWM -- Research on Air Autonomous Route Re planning Technology of Combat Aircraft -- Research on fault prediction of electric spindle in five axis machining center based on Bayes SVM -- Innovative Design of an Upper Limb Passive Exoskeleton for Electrical Work A Preliminary Exploration -- Emergency Robotic System for the Elderly Behavior Detection.
Sommario/riassunto	This book presents the proceedings of the 2023 4th International Symposium on Automation, Mechanical and Design Engineering (SAMDE), held in Nanjing, China, on December 8–10, 2023. It gathers

contributions by researchers from several countries on the following topics: digitalized development and use of sustainable products and manufacturing systems, artificial intelligence, automated reasoning, human–robot collaborative interaction, sensors and autonomous sensor systems, cyber-physical control systems, generative design including topology optimization, advanced simulation and modelling, intelligent automation, smart materials, materials processing and factories, and circular economy, etc. The book offers a source of information and inspiration for researchers seeking to improve their work and gather new ideas for future developments.

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