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Sommario/riassunto	This book collects selected papers of the 24th IFToMM China International Conference on Mechanism and Machine Science and Engineering (CCMMS 2024). CCMMS was initiated in 1982, and it is the most important forum held in China for exchange of research ideas, presentation of technical and scientific achievements, and discussion of future directions in the field of mechanism and machine science. The topics include theoretical and computational kinematics, dynamics and control, engines and transmission systems, parallel/hybrid mechanisms and industrial robotics, compliant mechanisms, origami mechanisms and soft robotics, metamorphic mechanisms and robotics, deployable structures and mechanisms, aerospace mechanisms and environmental effects, micro/nano mechanisms and robotics, biologically inspired mechanisms and robotics, medical and rehabilitation robotics, mobile robotics and heavy non-road mobile machines, history of mechanisms, machines and robotics, and engineering education on mechanisms. This book provides a state-of-the-art overview of current advances in mechanism and machine science in China. The inspiring ideas

presented in the papers will enlighten the trend in academic research and industrial application. The potential readers include academic researchers and industrial professionals in the field of mechanism and machine science.