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Altri autori (Persone)	TokhiMohammad Osman SilvaManuel F RinconLeonardo Mejia
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Nota di contenuto	Efficiency optimization of the gear reducer of an overhead power line inspection robot -- Leg mechanism of a quadruped wheeled robot with a 4-dof spherical parallel link mechanism -- A new method of climbing on a high place by elasticity-embedded rocker-bogie vehicle with dynamic motions -- Actively variable transmission robotic leg -- Robotic arm development for a quadruped robot -- A locomotion algorithm for an apodal robot to climb and descend steps.
Sommario/riassunto	CLAWAR 2023 is the 26th International Conference Series on Climbing and Walking Robots and Mobile Machine Support Technologies. The conference is organized by CLAWAR Association in collaboration with the Federal University of Santa Catarina, Florianópolis, Brazil, during October 2–4, 2023. This book provides the latest research and development findings and state-of-the-art insights into the mobile robotics and associated technologies in a diverse range of application

scenarios, within the framework of “Synergetic Cooperation Between Robots and Humans”. The topics covered include climbing and inspection robots, education in robotics and robotics in education, hybrid and convertible UAVs, legged robots, multibody systems and mechanism design in robotics, planning and control, robotic navigation, robotics and neurotechnologies for healthcare improvements, and simulation and digital twins in robotic applications. The intended readership includes participants of CLAWAR 2023 conference, worldwide researchers, scientists, and educators in the areas of robotics and related topics. The book is also a good source for courses in robotics and automation, control engineering, mechanical engineering, and mechatronics.
