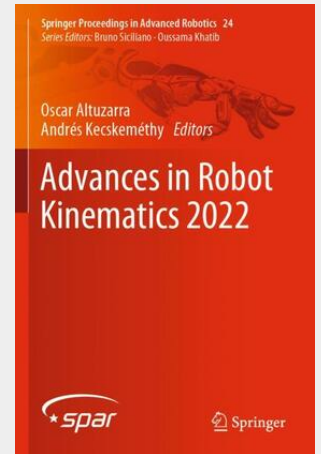


Advances in Robot Kinematics 2022

This book reports on the latest scientific achievements on robot kinematics provided by the prominent researchers participating in the 18th International Symposium on Advances in Robot Kinematics ARK2022, organized in the University of the Basque Country, Bilbao, Spain. It is of interest to researchers wanting to know more about the latest topics and methods in the fields of the kinematics, control and design of robotic systems. The book brings together 53 peer-reviewed papers. These cover the full range of robotic systems, including serial, parallel, flexible mechanisms, and cable-driven manipulators, and tackle problems such as: kinematic analysis of robots, robot modelling and simulation, theories and methods in kinematics, singularity analysis, kinematic problems in parallel robots, redundant robots, cable robots, kinematics in biological systems, flexible parallel manipulators, humanoid robots and humanoid subsystems.

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