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Nota di contenuto	Preface -- Organization -- Contents -- Mechanism Education and History of MMS -- Lab Experiences with 5R Mechanisms for Teaching -- 1 Introduction -- 2 Teaching Requirements -- 3 Mechanism Design -- 4 Plans for Lab Experiences -- 5 Experimental Validation -- 6 Conclusions -- References -- Kinematic Reliability of Manipulators Subjected to Clearances Using an Interval Approach -- 1 Introduction -- 2 Interval Analysis and Reliability -- 3 Numerical Application: 3R Manipulator -- 4 Conclusions -- References -- Contributions to the Development of Network Integration of Mobile Robots for Emergency Situations -- 1 Introduction -- 2 Robotic Networks -- 2.1 Swarm Robotics Network -- 2.2 Networked Robotics Network -- 2.3 Advantages and Disadvantages of Using Robotic Networks in Emergency Situations -- 3 Authors Proposal Plan for a Robotic Networking Model -- 4 Future Research Activities -- 5 Final Conclusions -- References -- Mechanism Design -- Methodological Joint Distribution for Platform Type Manipulator

	Topologies
Sommario/riassunto	This book presents the proceedings of the 6th IFToMM Symposium on Mechanism Design for Robotics (MEDER), held in Timioara, Romania, 27–29 June 2024. It gathers contributions by researchers from several countries on all major areas of robotic research, development and innovation, as well as new applications and current trends. The topics covered include: theoretical and computational kinematics, mechanism design, experimental mechanics, mechanics of robots, control issues of mechanical systems, machine intelligence, innovative mechanisms and applications, linkages and manipulators, micro-mechanisms, dynamics of machinery and multi-body systems. Given its scope, the book offers a source of information and inspiration for researchers seeking to improve their work and gather new ideas for future developments.