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Nota di contenuto	<p>Intro -- Preface -- Contents -- About the Editors -- Synthesis of Mechanisms -- Studies on Coupler Curves of a 4-Bar Mechanism with One Rolling Pair Adjacent to the Ground -- 1 Introduction -- 2 Kinematic analysis -- 2.1 Kinematics of the Rolling Pair -- 2.2 Position Analysis of the Mechanism -- 3 Study of Geometry of the Coupler Curves -- 3.1 Components or Circuits of Coupler Curves -- 3.2 Crunodes in Coupler Curves -- 3.3 Cusps in Coupler Curves -- 4 Conclusion -- References -- Kinematic Synthesis and Design of a Five Fingered Hand Exoskeleton -- 1 Introduction -- 2 Kinematic Synthesis and Design -- 2.1 Analyzing Functional Requirement -- 2.2 Kinematic Structure -- 2.3 Kinematic Synthesis -- 2.4 Trajectory Comparison -- 3 Pose Analysis of Mechanism -- 3.1 Static Analysis -- 3.2 Optimization of Link Lengths -- 3.3 Workspace Evaluation -- 4 Conclusion -- References -- Structural Enumeration of Cam-Modulated Linkages -- 1 Introduction -- 2 Cam-Modulated Linkages-Systematics -- 3 Literature Review -- 4 Synthesis Methodology -- 4.1 Varieties of Conversions -- 4.2 Non-viable CMLs -- 4.3 Isomorphism Problem in CML -- 5 Results of Synthesis -- 6 Conclusions -- References -- Studying the Effects of Varying Link Lengths in Double Lambda Mechanism and Its Application to Rover Suspension Design -- 1 Introduction -- 2 Literature Review -- 3 Problem Statement -- 4 Objectives -- 5 Methodology -- 6 Results and Discussion -- 7 Conclusion -- Appendix</p>

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