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Collana	Mechanisms and Machine Science, , 2211-0992 ; ; 73
Disciplina	621
Soggetti	Control engineering Robotics Automation Mechanical engineering Multibody systems Vibration Mechanics, Applied Technology History Renewable energy sources Control, Robotics, Automation Mechanical Engineering Multibody Systems and Mechanical Vibrations History of Technology Renewable Energy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	History of IFToMM -- Biomechanical Engineering -- Computational Kinematics -- Gearing and Transmissions -- Linkages and Mechanical Controls -- Micromachines -- Multibody Dynamics -- Reliability -- Robotics and Mechatronics -- Rotordynamics -- Sustainable Energy Systems -- Transportation Machinery -- Tribology -- Vibrations.
Sommario/riassunto	This book gathers the proceedings of the 15th IFToMM World

Congress, which was held in Krakow, Poland, from June 30 to July 4, 2019. Having been organized every four years since 1965, the Congress represents the world's largest scientific event on mechanism and machine science (MMS). The contributions cover an extremely diverse range of topics, including biomechanical engineering, computational kinematics, design methodologies, dynamics of machinery, multibody dynamics, gearing and transmissions, history of MMS, linkage and mechanical controls, robotics and mechatronics, micro-mechanisms, reliability of machines and mechanisms, rotor dynamics, standardization of terminology, sustainable energy systems, transportation machinery, tribology and vibration. Selected by means of a rigorous international peer-review process, they highlight numerous exciting advances and ideas that will spur novel research directions and foster new multidisciplinary collaborations.
