Record Nr. UNINA9910299820803321 Mechanisms, Transmissions and Applications: Proceedings of the Third **Titolo** MeTrApp Conference 2015 / / edited by Burkhard Corves, Erwin-Christian Lovasz, Mathias Hüsing Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa **ISBN** 3-319-17067-8 Edizione [1st ed. 2015.] 1 online resource (335 p.) Descrizione fisica Mechanisms and Machine Science, , 2211-0984;; 31 Collana 621 Disciplina Soggetti Mechanical engineering Control engineering Robotics Mechatronics Computer mathematics Biomedical engineering Mechanical Engineering Control, Robotics, Mechatronics Computational Science and Engineering Biomedical Engineering and Bioengineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references at the end of each chapters and index. Preface -- Organization -- Mechanism and Machine Design -- The Nota di contenuto Infinitesimal Burmester Lines in Spatial Movement, by Delun Wang, Wei Wang, Huimin Dong, Son Lin -- Educational and Research Kinematic Capabilities of GIM, by Erik Macho, Victor Petuya, Mónica Urizar, Mikel Diez, Alfonso Hernandez -- Geared Linkages with linear Actuation used as kinematic Chains of a Planar Parallel Manipulator, by Erwin-Christian Lovasz, Sanda Margareta Grigorescu, Dan Teodor Margineanu, Corina Mihaela Gruescu, Cristian Pop, Valentin Ciupe, Inocentiu Maniu --Kinematic analysis of 3 RSS+CP parallel mechanisms, by Fernando Malvezzi, Tarcisio Coelho -- On the Accuracy Analyses of a Class of 2-DOF Planar Parallel Manipulators, by Mümin Özsipahi, Eres Soylemez --

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