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Sommario/riassunto	This book reports on innovative technologies and their applications in the field of mechanical engineering, covering new design methods as

well as the practical implementation and optimization of existing ones to satisfy growing and changing industrial needs. The book features the proceedings of the International Online Conference on Innovations Induced by Research in Technical Systems (IIRTS'2019), organized by the Department of Technical and Informatics Systems Engineering – Faculty of Mechanical Engineering, Koszalin University of Technology (Poland). The book offers a snapshot of innovative methods, cutting-edge applications, and industrially relevant findings in the broad field of technical systems.