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Titolo	Intelligent Technologies : Design and Applications for Society // Vladimir Robles-Bykbaev, Josefa Mula, and Gilberto Reynoso-Meza, editors
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ISBN	3-031-24327-7
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (451 pages)
Collana	Lecture Notes in Networks and Systems Series ; ; Volume 607
Disciplina	338.06
Soggetti	Technological innovations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Evaluation of Biomechanical Conditions in Infants from 20 to 48 Months of Age in Gait -- Inertial sensors based stabilometric analysis for postural control in elderly people: Systematic review -- Graph Strength for Identification of Pre-training Desynchronization -- Credit default risk analysis using machine learning algorithms with hyperparameter optimization -- Nonlinear Identification and Position Control of a Pneumatic System -- Design and construction of a prototype backpack-type ergonomic cutting system with exoskeleton for oil palm fruit -- FOC Control design of VSI-SiC power converter for an electric traction system -- Virtual laboratory for induction motor simulation -- Homogeneity of engineering courses from an assignment management model in virtual learning environments.
Sommario/riassunto	This book is oriented towards applications and perspectives on future developments connected to intelligent technologies. Specifying topics connected to industry, mobility, telecommunications, biomechanics, among others. The innovative character of the text allows relating technical experiences and advances that seek to improve the implication of new technologies at local, national and regional levels, demonstrating the advances towards the different fields of knowledge in the area of engineering. The potential readers of this work would be master and doctorate students, professors—researchers in the field of new technologies and companies connected to the development of

engineering. The texts serve to illustrate new procedures, new cases and new techniques for the optimization of systems that optimize social progress.

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