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Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVIII, 812 pages 473 illustrations, 373 illustrations in color.)
Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 495
Disciplina	629.8312
Soggetti	Automatic control Robotics Automation Artificial intelligence Control and Systems Theory Control, Robotics, Automation Artificial Intelligence
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Scheduling of an On-demand Fixture Manufacturing Cell for Mass Customization: Optimal Method vs. Heuristic -- Finite-Horizon H8 Control Problem with Singular Control Cost -- Energy-based Functional Modelling for Control Architecture Design: An Application to Energy Management for a Hybrid Electric Vehicle -- Semi-supervised Data Mining Tool Design with Self-Tuning Optimization Techniques -- A Discrete-time PID-like Consensus Control: Application to the Wind Farm Distributed Control Problem -- Parallel Scheduling Subject to Release Dates and Delivery Times under the Non-idling Constraint.
Sommario/riassunto	The book focuses the latest endeavours relating researches and developments conducted in fields of Control, Robotics and Automation. Through more than twenty revised and extended articles, the present book aims to provide the most up-to-date state-of-art of the aforementioned fields allowing researcher, PhD students and engineers

not only updating their knowledge but also benefiting from the source of inspiration that represents the set of selected articles of the book. The deliberate intention of editors to cover as well theoretical facets of those fields as their practical accomplishments and implementations offers the benefit of gathering in a same volume a factual and well-balanced prospect of nowadays research in those topics. A special attention toward “Intelligent Robots and Control” may characterize another benefit of this book. .
