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	Soggetti	Computational intelligence
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	Nota di contenuto	Approximation Methods and Reference Values for Maximum Allowed Collaborative Operating Speeds in Quasi-static and Transient Contact Cases -- Toward Real-time Multi-Objective Optimization for Bus Service KPIs -- A Two-stage Trajectory Prediction Algorithm for Mobile Robots Combining the Bayesian and the DMOC Frameworks -- Adaptive Neural Network based Fractional Order Control of Unmanned Aerial Vehicle -- Design and Development of a Dexterous Teleoperation Setup for Nuclear Waste Remote Manipulation -- Pose Optimization of Task-redundant Robots in Second-order Rest-to-Rest Motion with Cascaded Dynamic Programming and Nullspace Projection -- Output Feedback Reference Tracking and Disturbance Rejection for Constrained Linear Systems using Invariant Sets -- Output-feedback Model Predictive Control using Set of State Estimates -- Prediction of Overdispersed Count Data using Real-time Cluster-based Discretization of Explanatory Variables -- Model-based Optimization of Vaccination

Strategies in Different Phases of Pandemic Virus Spread.

Sommario/riassunto	The book focuses the latest endeavors relating researches and developments conducted in fields of control, robotics, and automation. Through more than ten revised and extended articles, the present book aims to provide the most up-to-date state of the art of the aforementioned fields allowing researcher, Ph.D. 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 book 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.