

1. Record Nr.	UNINA9910484430403321
Titolo	Informatics in Control, Automation and Robotics : 16th International Conference, ICINCO 2019 Prague, Czech Republic, July 29-31, 2019, Revised Selected Papers // edited by Oleg Gusikhin, Kurosh Madani, Janan Zaytoon
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-63193-1
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XVI, 193 p. 81 illus., 61 illus. in color.)
Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 720
Disciplina	006.3
Soggetti	Computational intelligence Artificial intelligence Automatic control Computational Intelligence Artificial Intelligence Control and Systems Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Towards a PGD-based Computational Vademecum for Robot Path Planning -- Optimal Reachability and Grasping for a Soft Manipulator -- On Local Observer Design for LQR Problems with Tracking.
Sommario/riassunto	This book focuses on 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 the same volume a factual and well-balanced prospect of nowadays research in those topics. Special attention toward "Intelligent Robots and Control" may

characterize another benefit of this book. .
