1.	Record Nr.	UNINA9910484954003321
	Titolo	Applied Decision-Making : Applications in Computer Sciences and Engineering / / edited by Mauricio A. Sanchez, Leocundo Aguilar, Manuel Castañón-Puga, Antonio Rodríguez
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
	ISBN	3-030-17985-0
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (224 pages)
	Collana	Studies in Systems, Decision and Control, , 2198-4182 ; ; 209
	Disciplina	658.4033 003.56
	Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Evaluation of the Succession Measures of the Simultaneous Perturbation Stochastic Approximation Algorithm for the Optimization of the Process Capability Index -- An Optimization Vehicle Routing Problem approached by bio-inspired algorithms – A real case study -- Agent-based model of resistant bacterial evolution in an heterogeneous medium -- Towards intelligent systems for ubiquitous computing: tacit knowledge-inspired ubicomp -- Applied Decision Making in Design Innovation Management -- From simulation to implementation: Practical advice for policy makers who want to use computer modeling as an analysis and communication tool -- Adaptive Security based on MAPE-K: a Survey -- Interpretable Machine Learning from Granular Computing Perspective -- Nonlinear Modeling: Lessons Learned and Room for Improvement in the M&S Literature.
	Sommario/riassunto	This book gathers a collection of the latest research, applications, and proposals, introducing readers to innovations and concepts from diverse environments and systems. As such, it will provide students and professionals alike with not only cutting-edge information, but

also new inspirations and potential research directions. Each chapter focuses on a specific aspect of applied decision making, e.g. in complex systems, computational intelligence, security, and ubiquitous computing. .