1.	Record Nr.	UNINA9910483116303321
	Titolo	Data-centric business and applications : ICT systems-theory, radio-electronics, information technologies and cybersecurity . (Volume 5) / / editors, Tamara Radivilova, Dmytro Ageyev, Natalia Kryvinska
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
	ISBN	3-030-43070-7
	Edizione	[1st edition 2021.]
	Descrizione fisica	1 online resource (789 pages)
	Collana	Lecture Notes on Data Engineering and Communications Technologies, , 2367-4512 ; ; 48
	Disciplina	658
	Soggetti	Computational intelligence Engineering - Data processing Computer engineering Internet of things Embedded computer systems
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Automated Subjective Assessment of Speech Intelligibility under Diotic and Dichotic Listening -- Different Approaches to Studying the Extreme Properties of Signal Functions Synthesized with Splines -- Adaptive Complex Singular Spectrum Analysis with Application to Modern Superresolution Methods -- Practical Application of Clustering Methods in Radar Signals Recognition System -- Optimization of the Quality of Information Support for Consumers of Cooperative Surveillance Systems -- Adaptive Semantic Analysis of Radar Data Using Fuzzy Transform -- Approaches to Building a Chaotic Communication System -- Implementation of Evolutionary Methods of Solving the Travelling Salesman Problem in a Robotic Warehouse -- Study of Approaches to the Management of the Production of Entomophages -- Information Technologies for Analysis and Modeling of Computer Network`s Development -- The New Cryptographic Method for Software and Hardware Protection of Communication Channels in Open Environments -- Fusion the Coordinate Data of Airborne Objects in the Networks of Surveillance Radar Observation Systems -- Analysis of Influence of

Network Architecture Nonuniformity and Traffic Self-similarity Properties to Load Balancing and Average End-to-End Delay.

Sommario/riassunto	This book addresses the challenges and opportunities of information/data processing and management. It also covers a range of methods, techniques and strategies for making it more efficient, approaches to increasing its usage, and ways to minimize information/data loss while improving customer satisfaction. Information and Communication Technologies (ICTs) and the Service Systems associated with them have had an enormous impact on businesses and our day-to-day lives over the past three decades, and continue to do so. This development has led to the emergence of new application areas and relevant disciplines, which in turn present new challenges and opportunities for service system usage. The book provides practical insights into various aspects of ICT technologies for service systems: Techniques for information/data processing and modeling in service systems Strategies for the provision of information/data processing and management Methods for collecting and analyzing information/data Applications, benefits, and challenges of service system implementation Solutions to increase the performance of various service systems using the latest ICT technologies .