1.	Record Nr.	UNINA9910484958903321
	Titolo	Frontier Computing : Theory, Technologies and Applications (FC 2019) / / edited by Jason C. Hung, Neil Y. Yen, Jia-Wei Chang
	Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
	ISBN	981-15-3250-8
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (1,856 pages) : illustrations
	Collana	Lecture Notes in Electrical Engineering, , 1876-1100 ; ; 551
	Disciplina	006.3
	Soggetti	Computational intelligence Computer communication systems Multimedia information systems Electronic circuits Computational Intelligence Computer Communication Networks Multimedia Information Systems Electronic Circuits and Devices
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Chapter 1. Cloud, Ubiquitous, Pervasive, and High Performance Computing -- Chapter 2. Dependable, Reliable and Autonomic Computing -- Chapter 3. Wearable Computing, Mobile Web, and Smart Environment -- Chapter 4. Algorithm, Model, and Framework Programming Languages -- Chapter 5. Communication and Networking -- Chapter 6. Database and Data Mining -- Chapter 7. Big Data and Internet of Things -- Chapter 8. Anticipatory Computing -- Chapter 9. Web and Internet Computing -- Chapter 10. Natural Language Processing Operating Systems -- Chapter 11. Image Processing, Pattern Recognition, Multimedia Technology -- Chapter 12. Embedded System and Software -- Chapter 13. Geographical Information Systems/ Global Navigation Satellite Systems (GIS/GNSS) -- Chapter 14. Intelligent Information & Database Systems -- Chapter 15. Security and Privacy -- Chapter 16. Social Web, Network, and Computing -- Chapter 17. Social, Ethical & Other Issues of Networked World -- Chapter 18. Software Design Patterns & Engineering -- Chapter 19. Information/Business

Management, and IT Policy -- Chapter 20. Mobile and Ubiquitous Computing -- Chapter 21. Modeling and Simulation.

Sommario/riassunto	This book gathers the proceedings of the 9th International Conference on Frontier Computing, held in Kyushu, Japan on July 9–12, 2019, and provides comprehensive coverage of the latest advances and trends in information technology, science and engineering. It addresses a number of broad themes, including communication networks, business intelligence and knowledge management, web intelligence, and related fields that inspire the development of information technology. The respective contributions cover a wide range of topics: database and data mining, networking and communications, web and internet of things, embedded systems, soft computing, social network analysis, security and privacy, optical communication, and ubiquitous/pervasive computing. Many of the papers outline promising future research directions, and the book will benefit students, researchers and professionals alike. Further, it offers a useful reference guide for newcomers to the field.