

1. Record Nr.	UNISA996466304803316
Titolo	Transactions on Computational Science XXXIV [[electronic resource] /] / edited by Marina L. Gavrilova, C.J. Kenneth Tan
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2019
ISBN	3-662-59958-9
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XI, 137 p. 75 illus., 32 illus. in color.)
Collana	Transactions on Computational Science, , 1866-4733 ; ; 11820
Disciplina	006.3
Soggetti	Machine learning Application software Software engineering Data structures (Computer science) Architecture, Computer Machine Learning Information Systems Applications (incl. Internet) Software Engineering/Programming and Operating Systems Data Structures and Information Theory Computer System Implementation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Machine Learning in Hybrid Environment for Information Identification with Remotely Sensed Image Data -- Clustering-Based Aggregation of High-Utility Patterns from Unknown Multi-Database -- A Study of Three Different Approaches to Point Placement on a Line in an Inexact Model -- Cinolib: A Generic Programming Header Only C++ Library for Processing Polygonal and Polyhedral Meshes -- Trust Computation in VANET Cloud -- Received Power Exploration of Cooperative WSN Deployed in Adjustable Antenna Height Environment -- A Built-in Circuit for Self-Reconguring Mesh-Connected Processor Arrays with Spares on Diagonal.
Sommario/riassunto	The LNCS journal Transactions on Computational Science reflects recent developments in the field of Computational Science, conceiving the field not as a mere ancillary science but rather as an innovative

approach supporting many other scientific disciplines. The journal focuses on original high-quality research in the realm of computational science in parallel and distributed environments, encompassing the facilitating theoretical foundations and the applications of large-scale computations and massive data processing. It addresses researchers and practitioners in areas ranging from aerospace to biochemistry, from electronics to geosciences, from mathematics to software architecture, presenting verifiable computational methods, findings, and solutions, and enabling industrial users to apply techniques of leading-edge, large-scale, high performance computational methods. This, the 34th issue of the Transactions on Computational Science, contains seven in-depth papers focusing on research on data analytics using machine learning and pattern recognition, with applications in wireless networks, databases, and remotely sensed data. .
