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   Nota di contenuto   Big Data Scientific Workflows in the Cloud: Challenges and Future Prospects -- Trust Model based Scheduling of Stochastic Workflows in Cloud and Fog Computing -- Trust-Based Access control in Cloud Computing using Machine Learning -- Cloud Security Ontology (CSO) -- Cloud Based Supply Chain Networks – Principles and Practices -- Parallel Computation of a MMDBM algorithm on GPU mining with Big data -- Data Analytics of IoT Enabled Smart Energy Meter in Smart Cities -- A New and Secure Intrusion Detecting system for Detection of Anomalies within the Big Data -- Geospatial Big Data, Analytics and IoT: Challenges, Applications and Potential -- Geocloud4GI: Cloud SDI Model for Geographical Indications Information Infrastructure Network -- The Role of Geospatial Technology with IoT for Precision Agriculture.

   Sommario/riassunto This book introduces the latest research findings in cloud, edge, fog, and mist computing and their applications in various fields using

geospatial data. It solves a number of problems of cloud computing and big data, such as scheduling, security issues using different techniques, which researchers from industry and academia have been attempting to solve in virtual environments. Some of these problems are of an intractable nature and so efficient technologies like fog, edge and mist computing play an important role in addressing these issues. By exploring emerging advances in cloud computing and big data analytics and their engineering applications, the book enables researchers to understand the mechanisms needed to implement cloud, edge, fog, and mist computing in their own endeavours, and motivates them to examine their own research findings and developments.