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Nota di contenuto	Sustainable Development in the Global Information Space -- Enhancing Resource Availability: Indicators and Strategies for Optimizing the Kubernetes Network -- Enhancing Application Layer Multicast using Multi-Objective Optimization Techniques -- Possible Ways of Determining the Characteristics of Network Traffic for Identification of Required External Connection Line Rate for a Specific Object -- A Research Method of Software-Defined Networks Asymptotic Properties with Markov Intrusion of Randomness -- Mathematical Model for Evaluation of Interference Dispersion for 5G Mobile Communication Systems -- Method Radio Resource Allocation in Cognitive Radio Network -- Features of Message Transport Service in Automated Special-Purpose Systems -- QoS-Aware Adaptation Traffic Engineering Solution for Multipath Routing in Communication Network -- Impact of LoRaWAN Operational Parameters on Energy Efficiency and Ways to Improve it.

Sommario/riassunto

The book highlights the most important research areas in ICT, their impact on e-society, environment sustainable development, namely analytics, security, geoinformation systems, and mathematical modeling. The studies contain a discussion on artificial intelligence in various spheres of society, practical implementation of the IoT, geoinformation systems, and remote sensing of the earth. The book focuses on improving services providing, system architecture for SDN, forecasting social and environment sustainable development based on global information space, a new approach to radio electronics systems for the novel cloud infrastructure implementation. The results are used for novel systems and to promote new approaches for e-societies. The book offers a valuable resource for specialists of R&D organizations, the management of state administration who are involved in sustainable society development, professors, university lecturers, Ph.D. students, and bachelor and master degree students.
