| | | |
|---|---|---|
| 1. | Record Nr. | UNISA996589544403316 |
| | Titolo | Distributed Computer and Communication Networks: Control, Computation, Communications [[electronic resource] ] : 26th International Conference, DCCN 2023, Moscow, Russia, September 25–29, 2023, Revised Selected Papers / / edited by Vladimir M. Vishnevskiy, Konstantin E. Samouylov, Dmitry V. Kozyrev |
| | Pubbl/distr/stampa | Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024 |
| | ISBN | 3-031-50482-8 |
| | Edizione | [1st ed. 2024.] |
| | Descrizione fisica | 1 online resource (XV, 538 p. 245 illus., 162 illus. in color.) |
| | Collana | Lecture Notes in Computer Science, , 1611-3349 ; ; 14123 |
| | Disciplina | 004.6 |
| | Soggetti | Computer networks<br>Computer science - Mathematics<br>Data structures (Computer science)<br>Information theory<br>Computer Communication Networks<br>Mathematics of Computing<br>Data Structures and Information Theory |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| | Nota di contenuto | Distributed Systems Applications -- Inuence of Access Points' Height and High Signal Relation in WLAN Fingerprinting-Based Indoor Positioning Systems' Accuracy -- Revolutionizing H2M Interaction: Telepresence System Enabling Sign Language Expansion for Individuals with Disabilities -- Ecient Transmission of Holographic Images: A Novel Approach Toward 6G Telepresence Services -- The simulation of nite-source retrial queues with two-way communication to the orbit, incorporating a backup server -- On Real-time Model Inversion Attacks Detection -- Distributed system for scientic and engineering computations with problem containerization and prioritization -- Overview of research works on applications of UHF RFID on vehicles for data transmission -- On the identication of a nite automaton by its input and output sequences in case of distortions -- Analysis of tethered unmanned high-altitude platform reliability -- Analytical |

Modeling of Distributed Systems -- Information Spreading in Non-homogeneous Evolving Networks with node and edge deletion -- Comparative analysis of a resource loss system with the nite buer and dierent service disciplines -- Batch Service Polling System: Mathematical Analysis and Simulation Modeling -- Analysis of the queueing system describing a mobile network subscriber's processing under varying modulation schemes and correlated batch arrivals -- Analysis of queuing systems under N policy with dierent server activation strategies -- On Asymptotic Insensitivity of Reliability Function of a 2-out-of-n Model Under Quick Recovery of its Components -- On the variance reduction methods for estimating the reliability of the multi-phase Gaussian degradation system -- Multiphase queuing system of blocking queues and a single common orbit retrial queue with limited buer -- Analysis of Procedures for Joint Servicing of Multiservice Trac in Access Nodes -- Recovery of real-time clusters with the division of computing resources into the execution of functional queries and the restoration of data generated since the last backup -- Numerical Study of Queuing-Inventory Systems with Catastrophes under Base Stock Policy -- A Machine-Learning Approach To Queue Length Estimation Using Tagged Customers Emission -- Analysis of Probabilistic Characteristics in the Integrated Access and Backhaul System -- Myopic Inventory Control with Returns in Case of Uncertainty: Adaptive Algorithms -- Estimating the Distribution Parameter of Non-Prolonging Random Dead Time Duration in Recurrent Semi-Synchronous Events Flow through Maximum Likelihood -- Stochastic Modelling for Energy Eciency in LTE-A and LTE-5G Networks -- Analyzing reliability metrics of all-optical switches -- Investigating transient behavior of all-optical switch -- Approbation of Asymptotic Method for Queue with an Unlimited Number of Servers and State-Dependent Service Rate -- Computer and Communication Networks -- Risk management in the design of computer network topology -- Age of Information Performance of Ultra Reliable Low Latency Service in 5G New Radio Networks -- On the classication of cytological images of leukocytes using depthwise separable convolutional neural networks -- Utilization of Machine Learning Algorithms to Identify User Applications -- Blockage Attenuation and Duration over Reected Propagation Paths in Indoor Terahertz Deployments -- On the Automated Text Report Generation in Open Transport Data Analysis Platform -- Developing a trac analysis suite for modied packet capture le -- On heuristic algorithm with greedy strategy for the Correlation Clustering problem solution -- Decoding of product codes in discrete and semi-continuous channels with memory -- Minimizing the peak age of information in LoRaWAN system based on the importance of information -- Precoder for Proportional Fair Resource Allocation in Downlink NOMA-MIMO Systems -- Surrogate Models for the Compressibility Factor of Natural Gas -- Numerical Evaluation of the Optimal Precoder Design with Delayed CSI.

Sommario/riassunto

This book constitutes the refereed proceedings of the 26th International Conference on Distributed Computer and Communication Networks: Control, Computation, Communications, DCCN 2023, held in Moscow, Russia, during September 25–29, 2023. The 37 full papers and 4 short papers included in this book were carefully reviewed and selected from 122 submissions. They were organized in topical sections as follows: Distributed Systems Applications; Analytical Modeling of Distributed Systems; Computer and Communication Networks.