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Descrizione fisica	1 online resource (392 pages)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 13116
Disciplina	006.754
Soggetti	Application software Natural language processing (Computer science) Computer networks Data mining Computer networks—Security measures Computer and Information Systems Applications Natural Language Processing (NLP) Computer Communication Networks Data Mining and Knowledge Discovery Mobile and Network Security
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Combinatorial Optimization and Learning -- Streaming algorithms for maximizing non-submodular functions on the integer lattice -- Causal Inference for Influence Propagation --- Identifiability of the In-dependent Cascade Model -- Streaming algorithms for Budgeted k -Submodular Maximization problem -- Approximation algorithms for the lower bounded correlation clustering problem -- Approximation Algorithm for Maximizing Nonnegative Weakly Mono-tonic Set Functions -- Differentially Private Submodular Maximization over Integer Lattice -- Maximizing the sum of a supermodular function and a monotone DR-submodular function subject to a knapsack constraint on the integer lattice -- Deep Learning and Applications to Complex

and Social Systems -- A Framework for Accelerating Graph Convolution Networks on Massive Datasets -- AdvEdge: Optimizing Adversarial Perturbations against Interpretable Deep Learning -- Incorporating Transformer Models for Sentiment Analysis and News Classification in Khmer -- Deep Bangla Authorship Attribution using Transformer Models -- A Deep Learning Based Traffic Sign Detection for Intelligent Transportation Systems -- Detecting Hate Speech Contents Using Embedding Models -- MIC Model for Cervical Cancer Risk Factors Deep Association Analysis -- Power Grid Cascading Failure Prediction Based on Transforme -- Measurements of Insight from Data -- Security Breaches in the Healthcare Domain: A Spatiotemporal Analysis -- Social and Motivational Factors for the Spread of Physical Activities in a Health Social Network -- Understanding the Issues Surrounding COVID-19 Vaccine Roll Out Via User Tweets -- Complex Networks Analytics -- Minimize Travel Time with Traffic Flow Density Equilibrium on Road Network -- Network based Framework to Compare Vaccination Strategies -- Groups Influence with Minimum Cost in Social Network -- Recovering communities in temporal networks using persistent edges -- Community Detection using Semilocal Topological Features and Label Propagation Algorithm -- Twitter Analysis of Covid-19 Misinformation in Spain -- Comparing Community-aware Centrality Measures in Online Social Networks -- Two-Tier Cache-Aided Full-Duplex Content Delivery in Satellite-Terrestrial Networks -- Special Track: Fact-Checking, Fake News and Malware Detection in Online Social Networks -- Mean User-Text Agglomeration (MUTA): Practical User Representation and Visualization for Detection of Online Influence Operations -- The Role of Information Organization and Knowledge Structuring in Combatting Misinformation: A Literary Analysis -- Fake News Detection using LDA Topic Modelling and K-Nearest Neighbor Classifier -- Special Track: Information Spread in Social and Data Networks -- Summarization Algorithms for News: a Study of the Coronavirus Theme and its Impact on the News Extracting Algorithm -- Social cohesion during stay-at-home phase during the first wave of COVID-19 in Poland -- Influence and Activation Thresholds Target Set Selection within Community Structure.

Sommario/riassunto

This book constitutes the refereed proceedings of the 10th International Conference on Computational Data and Social Networks, CSoNet 2021, which was held online during November 15-17, 2021. The conference was initially planned to take place in Montreal, Quebec, Canada, but changed to an online event due to the COVID-19 pandemic. The 24 full and 8 short papers included in this book were carefully reviewed and selected from 57 submissions. They were organized in topical sections as follows: Combinatorial optimization and learning; deep learning and applications to complex and social systems; measurements of insight from data; complex networks analytics; special track on fact-checking, fake news and malware detection in online social networks; and special track on information spread in social and data networks. .
