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Soggetti	Computer networks Information networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- Preface -- Acknowledgments -- About the Author -- Chapter 1 Concepts in Network Science -- 1.1 Introduction -- 1.2 The Connector -- 1.3 History -- 1.3.1 A History in Social Studies -- 1.4 Concepts -- 1.4.1 Characteristics of Networks -- 1.4.2 Properties of Networks -- 1.4.3 Small World -- 1.4.4 Random Graphs -- 1.5 Network Analytics -- 1.5.1 Data Structure for Network Analysis and Network Optimization -- 1.5.1.1 Multilink and Self-Link -- 1.5.1.2 Loading and Unloading the Graph -- 1.5.2 Options for Network Analysis and Network Optimization Procedures -- 1.5.3 Summary Statistics -- 1.5.3.1 Analyzing the Summary Statistics for the Les Misérables Network -- 1.6 Summary -- Chapter 2 Subnetwork Analysis -- 2.1 Introduction -- 2.1.1 Isomorphism -- 2.2 Connected Components -- 2.2.1 Finding the Connected Components -- 2.3 Biconnected Components -- 2.3.1 Finding the Biconnected Components -- 2.4 Community -- 2.4.1 Finding Communities -- 2.5 Core -- 2.5.1 Finding k-Cores -- 2.6 Reach Network -- 2.6.1 Finding the Reach Network -- 2.7 Network Projection -- 2.7.1 Finding the Network Projection -- 2.8 Node Similarity -- 2.8.1 Computing Node Similarity -- 2.9 Pattern Matching -- 2.9.1 Searching for Subgraphs Matches -- 2.10 Summary -- Chapter 3 Network Centralities -- 3.1 Introduction -- 3.2 Network

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 5.6 Fraud Detection in Auto Insurance Based on Network Analysis --
 5.7 Customer Influence to Reduce Churn and Increase Product
 Adoption -- 5.8 Community Detection to Identify Fraud Events in
 Telecommunications -- 5.9 Summary -- Index -- EULA.

Sommario/riassunto

Network Science Network Science offers comprehensive insight on
 network analysis and network optimization algorithms, with simple
 step-by-step guides and examples throughout, and a thorough
 introduction and history of network science, explaining the key
 concepts and the type of data needed for network analysis, ensuring a
 smooth learning experience for readers. It also includes a detailed
 introduction to multiple network optimization algorithms, including
 linear assignment, network flow and routing problems. The text is
 comprised of five chapters, focusing on subgraphs, network analysis,
 network optimization, and includes a list of case studies, those of
 which include influence factors in telecommunications, fraud detection
 in taxpayers, identifying the viral effect in purchasing, finding optimal
 routes considering public transportation systems, among many others.
 This insightful book shows how to apply algorithms to solve complex
 problems in real-life scenarios and shows the math behind these
 algorithms, enabling readers to learn how to develop them and
 scrutinize the results. Written by a highly qualified author with
 significant experience in the field, Network Science also includes
 information on: Sub-networks, covering connected components, bi-

connected components, community detection, k-core decomposition, reach network, projection, nodes similarity and pattern matching
 Network centrality measures, covering degree, influence, clustering coefficient, closeness, betweenness, eigenvector, PageRank, hub and authority
 Network optimization, covering clique, cycle, linear assignment, minimum-cost network flow, maximum network flow problem, minimum cut, minimum spanning tree, path, shortest path, transitive closure, traveling salesman problem, vehicle routing problem and topological sort
 With in-depth and authoritative coverage of the subject and many case studies to convey concepts clearly, Network Science is a helpful training resource for professional and industry workers in, telecommunications, insurance, retail, banking, healthcare, public sector, among others, plus as a supplementary reading for an introductory Network Science course for undergraduate students.

2. Record Nr.	UNICAMPANIAVAN00023593
Titolo	Codice di procedura civile commentato / a cura di Claudio Consolo, Francesco P. Luiso ; commentato da Marco Campus ... [et al.]
Pubbl/distr/stampa	[Milanofiori, Assago], : IPSOA, 2000
ISBN	88-217-1314-8
Edizione	[2. ed]
Descrizione fisica	2 v. ; 22 cm.
Disciplina	347.450502648
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr.	UNICAMPANIAVAN00006490
Titolo	Problemi attuali del governo locale in alcuni stati occidentali (Belgio, Francia, Rep. federale tedesca, Stati Uniti d'America) / a cura di Paolo Biscaretti di Ruffia ; saggi originali di Enzo Balboni ... [et al.]
Pubbl/distr/stampa	Milano, : Giuffrè, 1977
Descrizione fisica	XXXII, 617 p. ; 24 cm.
Disciplina	352
Soggetti	Amministrazione locale - Belgio Amministrazione locale - Francia Amministrazione locale - Germania occidentale <Repubblica federale tedesca> Amministrazione locale - Stati uniti d'America
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