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Titolo	Trends in Social Network Analysis : Information Propagation, User Behavior Modeling, Forecasting, and Vulnerability Assessment / / edited by Rokia Missaoui, Talel Abdessalem, Matthieu Latapy
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Descrizione fisica	1 online resource (XIII, 255 p. 90 illus., 68 illus. in color.)
Collana	Lecture Notes in Social Networks, , 2190-5428
Disciplina	302.3
Soggetti	Data mining Social sciences—Data processing Social sciences—Computer programs Artificial intelligence Database management Physics Data Mining and Knowledge Discovery Computational Social Sciences Artificial Intelligence Database Management Applications of Graph Theory and Complex Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1. The Perceived Assortativity of Social Networks: Methodological Problems and Solutions -- 2. A Parametric Study to Construct Time-aware Social Profiles -- 3. A Parametric Study to Construct Time-aware Social Profiles -- 4. The DEvOTION Algorithm for Delurking in Social Networks -- 5. Social Engineering Threat Assessment using a Multi-layered Graph-based Model -- 6. Through The Grapevine: A Comparison of News in Microblogs and Traditional Media -- 7. Prediction of Elevated Activity in Online Social Media Using Aggregated and Individualized Models -- 8. Unsupervised Link Prediction Based on Time Frames in Weighted-Directed Citation Networks -- 9. An Approach to Maximize the Influence Spread in Social Networks -- 10.

	Energy Efficiency Analysis of the Very Fast Decision Tree Algorithm.
Sommario/riassunto	The book collects contributions from experts worldwide addressing recent scholarship in social network analysis such as influence spread, link prediction, dynamic network biclustering, and delurking. It covers both new topics and new solutions to known problems. The contributions rely on established methods and techniques in graph theory, machine learning, stochastic modelling, user behavior analysis and natural language processing, just to name a few. This text provides an understanding of using such methods and techniques in order to manage practical problems and situations. Trends in Social Network Analysis: Information Propagation, User Behavior Modelling, Forecasting, and Vulnerability Assessment appeals to students, researchers, and professionals working in the field.