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Autore	Kumar Ravi Ranjan
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Nota di contenuto	Cover -- Half Title -- Title Page -- Copyright -- About The Author -- Table of Contents -- List of Figures -- List of Abbreviations -- Preface -- Chapter 1: Introduction To Social Network Analysis -- Contents -- 1.1. Theoretical Foundations Of Social Network Analysis -- 1.2. Key Concepts In Social Network Analysis -- 1.3. Importance Of Computational Models In Social Network Analysis -- 1.4. Challenges And Limitations Of Social Network Analysis -- 1.5. Ethical Considerations In Social Network Analysis -- Summary -- Chapter 1 Review Questions -- Chapter 2: Network Data Collection And Representation -- Contents -- 2.1. Data Collection Methods For Social Network Analysis -- 2.2. Network Data Types And Formats -- 2.3. Data Preprocessing And Cleaning For Social Network Analysis -- 2.4. Visualization Techniques For Network Data -- 2.5. Network Metrics And Descriptive Statistics -- Chapter 2 Summary -- Chapter 2 Review Questions -- Chapter 3: Centrality And Influence Measures -- Contents -- 3.1. Degree Centrality And Its Applications -- 3.2. Betweenness Centrality And Its Significance -- 3.3. Closeness Centrality And Its Implications -- 3.4. Eigenvector Centrality And Its Role In Identifying Influencers -- 3.5. Pagerank Algorithm And Its Application To Social Networks -- Chapter 3 Summary -- Chapter 3 Review Questions -- Chapter 4: Community Detection And Analysis --

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Sommario/riassunto

This book, 'Models for Social Network Analysis' by Dr. Ravi Ranjan Kumar, provides a comprehensive guide to understanding computational models used in social network analysis. It covers fundamental concepts, methods, and applications, offering insights into network data collection, centrality and influence measures, community detection, diffusion of information, opinion mining, link prediction, recommender systems, and social network simulation. Aimed at undergraduate students, policymakers, and practitioners in marketing, public health, and social media, the book equips readers with the knowledge to analyze social networks computationally. It highlights the importance of computational models in informing decisions, designing strategies, and addressing societal challenges. It also discusses ethical considerations such as privacy and data protection. This work serves as an introduction to the theories and practical applications of social network analysis and encourages further exploration of the field.

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Autore	Spaner David
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Sommario/riassunto	The controversial story of how Vancouver became North America's third largest center for film and television production.