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Autore	Zhang Jiawei
Titolo	Broad Learning Through Fusions : An Application on Social Networks // by Jiawei Zhang, Philip S. Yu
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Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XV, 419 p. 104 illus., 81 illus. in color.)
Disciplina	006.312
Soggetti	Data mining Artificial intelligence Data structures (Computer science) Application software Mathematical statistics Data Mining and Knowledge Discovery Artificial Intelligence Data Structures Information Systems Applications (incl. Internet) Probability and Statistics in Computer Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 Broad Learning Introduction -- 2 Machine Learning Overview -- 3 Social Network Overview -- 4 Supervised Network Alignment -- 5 Unsupervised Network Alignment -- 6 Semi-supervised Network Alignment -- 7 Link Prediction -- 8 Community Detection -- 9 Information Diffusion -- 10 Viral Marketing -- 11 Network Embedding -- 12 Frontier and Future Directions -- References.
Sommario/riassunto	This book offers a clear and comprehensive introduction to broad learning, one of the novel learning problems studied in data mining and machine learning. Broad learning aims at fusing multiple large-scale information sources of diverse varieties together, and carrying out synergistic data mining tasks across these fused sources in one unified analytic. This book takes online social networks as an application example to introduce the latest alignment and knowledge discovery

algorithms. Besides the overview of broad learning, machine learning and social network basics, specific topics covered in this book include network alignment, link prediction, community detection, information diffusion, viral marketing, and network embedding.
