

1. Record Nr.	UNISA996465351203316
Autore	Liang Xun
Titolo	Social computing with artificial intelligence / / Xun Liang
Pubbl/distr/stampa	Singapore : , : Springer, , [2020] ©2020
ISBN	981-15-7760-9
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XII, 289 p. 37 illus., 27 illus. in color.)
Disciplina	006.3
Soggetti	Online social networks - Data processing Artificial intelligence Application software
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction -- Chapter 2. Data Collection -- Chapter 3. Data Processing Methodology -- Chapter 4. Supervised and Unsupervised Learning Models -- Chapter 5. State-of-the-Art Artificial Intelligence Algorithms -- Chapter 6. Social Network Data Mining and Knowledge Discovery -- Chapter 7. Social Network Structure Analysis and Online Community Discovery -- Chapter 8. Social Network Propagation Mechanism and Online User Behavior Analysis -- Chapter 9. Social Computing Application in Public Security and Emergency Management -- Chapter 10. Social Computing Application in Business Decision Support -- Chapter 11. Social Computing Application in Unsupervised Oracle Handwriting Recognition Based on Pic2Vec Image Content Mapping -- Chapter 12. Social Computing Application in Online Crowd Behavior and Psychology.
Sommario/riassunto	This book provides a comprehensive introduction to the application of artificial intelligence in social computing, from fundamental data processing to advanced social network computing. To broaden readers' understanding of the topics addressed, it includes extensive data and a large number of charts and references, covering theories, techniques and applications. It particularly focuses on data collection, data mining, artificial intelligence algorithms in social computing, and several key applications of social computing application, and also discusses

network propagation mechanisms and dynamic analysis, which provide useful insights into how information is disseminated in online social networks. This book is intended for readers with a basic knowledge of advanced mathematics and computer science.
