Record Nr. UNINA9910413437803321 Autore Chen Yan **Titolo** Behavior and Evolutionary Dynamics in Crowd Networks : An Evolutionary Game Approach / / by Yan Chen, H. Vicky Zhao Singapore:,: Springer Singapore:,: Imprint: Springer,, 2020 Pubbl/distr/stampa 981-15-7160-0 **ISBN** Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (XVII, 135 p. 68 illus., 60 illus. in color.) Collana Lecture Notes in Social Networks, , 2190-5428 Disciplina 302.3 Soggetti Application software Social media Signal processing Image processing Speech processing systems Graph theory **Computer Applications** Social Media Signal, Image and Speech Processing **Graph Theory** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Introduction -- Evolutionary Dynamics with Rational Users --Nota di contenuto "Irrational" Behavior Analysis -- "Smart" Evolution with Indirect Reciprocity -- User Heterogeneity -- Evolution of Correlated Events --Concluding Remarks. This book offers a holistic framework to study behavior and Sommario/riassunto evolutionary dynamics in large-scale, decentralized, and heterogeneous crowd networks. It reviews the fundamental methodologies to study user interactions and evolutionary dynamics in crowd networks and discusses recent advances in this emerging interdisciplinary research field. Using information diffusion over social networks as an example, it presents a thorough investigation of the impact of user behavior on the network evolution process and

demonstrates how this can help improve network performance. .