1. Record Nr. UNINA9910720087703321 Autore Bunde Armin <1947-> Titolo Diffusive spreading in nature, technology and society / / Armin Bunde [and four others] Pubbl/distr/stampa Cham, Switzerland: ,: Springer, , [2023] ©2023 **ISBN** 3-031-05946-8 Edizione [Second edition.] 1 online resource (518 pages) Descrizione fisica Disciplina 530.475 Communicable diseases - Transmission Soggetti Culture diffusion Diffusion Language spread Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia What do the movements of molecules and the migration of humans Sommario/riassunto have in common? How does the functionality of our brain tissue resemble the flow of traffic in New York City? How can understanding the spread of ideas, rumours, and languages help us tackle the spread a pandemic? This book provides an illuminating look into these seemingly disparate topics by exploring and expertly communicating the fundamental laws that govern the spreading and diffusion of objects. A collection of leading scientists in disciplines as diverse as epidemiology, linguistics, mathematics, and physics discuss various spreading phenomena relevant to their own fields, revealing

be they people, particles, or pandemics.

astonishing similarities and correlations between the objects of study -