

1. Record Nr.	UNINA9910820442203321
Autore	West Bruce J
Titolo	Disrupted networks [[electronic resource]] : from physics to climate change // Bruce J. West & Nicola Scafetta
Pubbl/distr/stampa	Singapore ; ; Hackensack, N.J., : World Scientific, c2010
ISBN	1-282-76373-3 9786612763731 981-4304-31-X
Descrizione fisica	1 online resource (316 p.)
Collana	Studies of nonlinear phenomena in life science ; ; v. 13
Disciplina	500
Soggetti	System analysis Science - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 271-287) and index.
Nota di contenuto	Preface; Contents; 1 Why a Science of Networks?; 2 Data; 3 Information; 4 Knowledge; 5 A World of Disrupted Networks; Glossary; Bibliography; Index
Sommario/riassunto	This book provides a lens through which modern society is shown to depend on complex networks for its stability. One way to achieve this understanding is through the development of a new kind of science, one that is not explicitly dependent on the traditional disciplines of biology, economics, physics, sociology and so on; a science of networks. This text reviews, in non-mathematical language, what we know about the development of science in the twenty-first century and how that knowledge influences our world. In addition, it distinguishes the two-tiered science of the twentieth century, based