

1. Record Nr.	UNINA9910822778303321
Autore	Hadlock Charles Robert
Titolo	Six sources of collapse : a mathematician's perspective on how things can fall apart in the blink of an eye / / Charles R. Hadlock [[electronic resource]]
Pubbl/distr/stampa	Washington : , : Mathematical Association of America, , 2012
ISBN	1-61444-514-1
Descrizione fisica	1 online resource (xiv, 207 pages) : digital, PDF file(s)
Collana	Spectrum series
Disciplina	363.34
Soggetti	Disasters - Mathematical models Environmental disasters - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 02 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. 189-199) and index.
Nota di contenuto	Introduction -- Predicting unpredictable events -- Group behavior: crowds, herds, and video games -- Evolution and collapse: game playing in a changing world -- Instability, oscillation, and feedback -- Nonlinearity: invitation to chaos and catastrophe -- It's all about networks -- Putting it all together: looking at collapse phenomena in "6-D."
Sommario/riassunto	Beginning with one of the most remarkable ecological collapses of recent time, that of the passenger pigeon, Hadlock goes on to survey collapse processes across the entire spectrum of the natural and man-made world. He takes us through extreme weather events, technological disasters, evolutionary processes, crashing markets and companies, the chaotic nature of Earth's orbit, revolutionary political change, the spread and elimination of disease, and many other fascinating cases. His key thesis is that one or more of six fundamental dynamics consistently show up across this wide range. These six sources of collapse can all be best described and investigated using fundamental mathematical concepts. They include low probability events, group dynamics, evolutionary games, instability, nonlinearity, and network effects, all of which are explained in readily understandable terms. Almost the entirety of the book can be understood by readers with a minimal mathematical background, but even professional mathematicians are likely to get rich insights from

the range of examples. The author tells his story with a warmly personal tone and weaves in many of his own experiences, whether from his consulting career of racing around the world trying to head off industrial disasters to his story of watching collapse after collapse in the evolution of an ecosystem on his New Hampshire farm.

2. Record Nr.	UNINA9910975134403321
Autore	Simocatta Theophylactus
Titolo	Theophylacti Simocatae Epistulae / / edidit Ioseph Zanetto
Pubbl/distr/stampa	Leipzig, : Teubner, 1985
ISBN	3-11-095030-8
Edizione	[1. Aufl.]
Descrizione fisica	1 online resource (108 p.)
Collana	Bibliotheca scriptorum Graecorum et Romanorum Teubneriana Bibliotheca scriptorum Graecorum et Romanorum Teubneriana, , 0233-1160
Altri autori (Persone)	Zanetto Giuseppe
Disciplina	888.9
Soggetti	Historians - Byzantine Empire
Lingua di pubblicazione	Greco Moderno
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. xxx-xxxi) and indexes.
Nota di contenuto	Frontmatter -- -- INDEX NOMINVM -- INDEX VERBORVM -- INDEX AVCTORVM -- Backmatter
Sommario/riassunto	Epistulae CB (Bibliotheca Teubneriana).