

1. Record Nr.	UNINA9910438073903321
Titolo	Managing market complexity : the approach of artificial economics // Andrea Teglio ...[et al.], editors
Pubbl/distr/stampa	Berlin ; ; New York, : Springer, c2012
ISBN	1-283-63122-9 9786613943675 3-642-31301-9
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (254 p.)
Collana	Lecture notes in economics and mathematical systems, , 0075-8442 ; ; 662
Altri autori (Persone)	TeglioAndrea
Disciplina	330.0285
Soggetti	Economics - Data processing Economics, Mathematical Economics - Computer simulation
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.
Nota di contenuto	Preface -- Part I: Networks -- Part II: Macroeconomics -- Part III: Finance -- Part IV: Industrial Organization -- Part V: Management -- Part VI: Methodological Issues.
Sommario/riassunto	The field of artificial economics (AE) embraces a broad range of methodologies relying on computer simulations in order to model and study the complexity of economic and social phenomena. The overarching principle of AE is the analysis of aggregate properties of artificial economies populated by adaptive agents that are equipped with behavioural rules and specific individual targets. These aggregate properties are neither foreseen nor intended by the artificial agents; conversely they are emerging characteristics of such artificially simulated systems. The book presents a peer-reviewed collection of papers addressing a variety of issues related to macroeconomics, industrial organization, networks, management and finance, as well as purely methodological issues.