



# Advances in Artificial Economics [

Amblard, Frédéric  
Miguel, Francisco J  
Blanchet, Adrien  
Gaudou, Benoit

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Computer organization Application software System theory Economic theory Economics Economic Theory/Quantitative Economics/Mathematical Methods Computer Systems Organization and Communication Networks Computer Appl. in Social and Behavioral Sciences Complex Systems

Monografía

The book presents a peer-reviewed collection of papers presented during the 10th issue of the Artificial Economics conference, addressing a variety of issues related to macroeconomics, industrial organization, networks, management and finance, as well as purely methodological issues. The field of artificial economics covers a broad range of methodologies relying on computer simulations in order to model and study the complexity of economic and social phenomena. The grounding principle of artificial economics is the analysis of aggregate properties of simulated systems populated by interacting adaptive agents that are equipped with heterogeneous individual behavioral rules. These macroscopic properties are neither foreseen nor intended by the artificial agents but generated collectively by them. They are emerging characteristics of such artificially simulated systems

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**Autores:** Amblard, Frédéric Miguel, Francisco J Blanchet, Adrien Gaudou, Benoit

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## **Baratz Innovación Documental**

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- [informa@baratz.es](mailto:informa@baratz.es)