

PROJECT



“Socioeconomic Research from the Artificial Intelligence. Contributions in report of H. Simon, 1916-2001”.



Duration of the project



Science and Technology Ministry of Spain. Ref. BEC-2001-2108

SUMMARY TECHNICAL SCIENTIFIC REPORT OF THE PROJECT

RESPONSIBLE RESEARCHER:

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TITLE:

The Socioeconomic Investigation from the artificial intelligence: Models based on Agents. (Contributions in Report of H. Simon 1916-2001).

KEYWORDS:

Multiagent systems, complexity, limited rationality, socioeconomy, and experimental investigation, representation of the knowledge.

SUMMARY:

The objective of this project is the promotion of the investigation based on artificial agents in the social sciences, and more specifically, its employment in systemic complexity problems until now overflow with the available investigation methods in Economy and Sociology. We propose a new approach for the treatment of the limited rationality and the learning of the socioeconomic agents based on the employment of autonomous artificial agents, with cognitivity capacities. This proposal will permit us to study the attached behavior of different human societies. Market, Bilateral Negotiation and Industrial Economy are the areas selected to illustrate the qualitative advance.