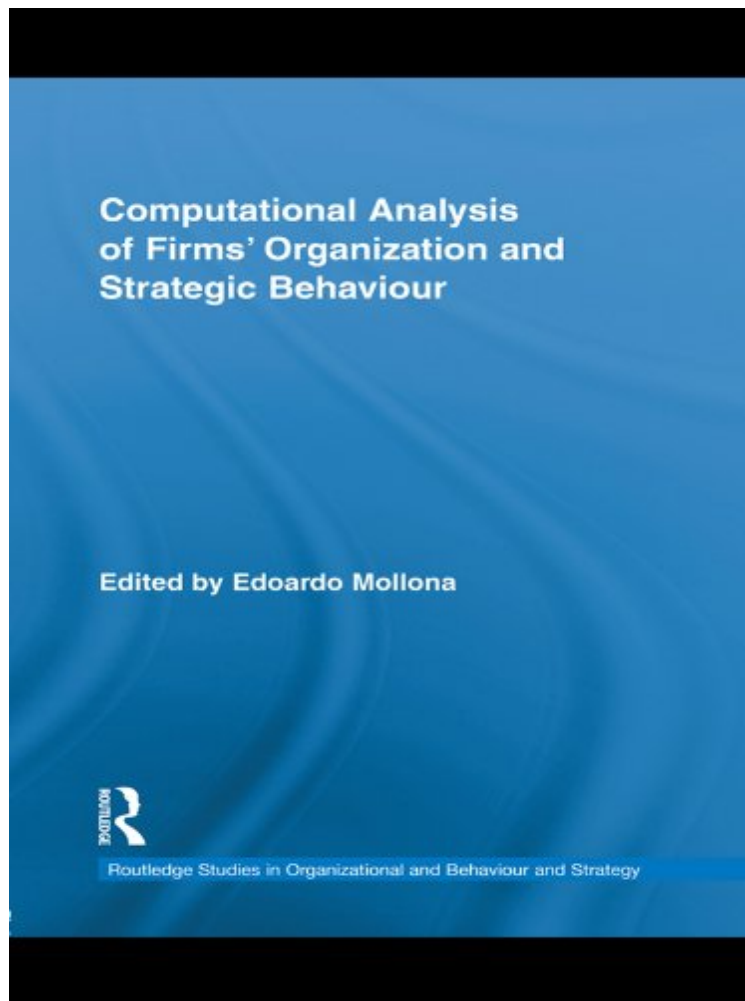


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Computational Analysis of Firms'squo; Organization and Strategic Behaviour (Routledge Research in Strategic Management)

Edoardo Mollona

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Edoardo Mollona : Computational Analysis of Firms'squo; Organization and Strategic Behaviour (Routledge Research in Strategic Management) before purchasing it in order to gage whether or not it would be worth my time, and all praised Computational Analysis of Firms'squo; Organization and Strategic Behaviour (Routledge Research in Strategic Management):

This book addresses possible applications of computer simulation to theory building in management and organizational theory. The key hypothesis is that modelling and computer simulation provide an environment to

develop, test and articulate theoretical propositions. In general, computer simulation provides an experimental environment where researchers are able to play with symbolic representations of phenomena by modifying the model's structure and activating or deactivating model's parameters. This environment allows to both generating hypotheses to ex post explain observed phenomena or to ex ante generate distributions of unrealized events thereby envisioning areas for further empirical investigations. Under a methodological perspective, the volume investigates logics and techniques to design a research strategy grounded on computer simulation. In particular, the articles in the book concentrate on two different techniques, and philosophies, to set up a simulation study: System Dynamics, which is grounded on differential equations and feedback theory, and agent-based modeling. The book describes how computer simulation helps to look into research issues typical to strategic management and organizational theory. In this respect, such themes as firm's diversification strategies, competitive strategy, rivalry and the impact of role dynamics on organizational performances are explored through the lenses of computer simulation models.