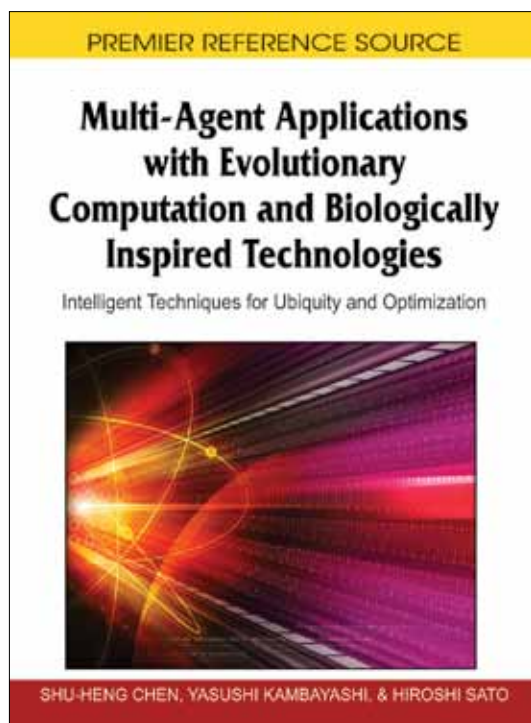


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Multi-Agent Applications with Evolutionary Computation and Biologically Inspired Technologies: Intelligent Techniques for Ubiquity and Optimization



Shu-Heng Chen (National Chengchi University, Taiwan),
Yasushi Kambayashi (Nippon Institute of Technology, Japan)
and Hiroshi Sato (National Defense Academy, Japan)

Biologically inspired computation methods are growing in popularity in intelligent systems, creating a need for more research and information.

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Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Shu-Heng Chen is a professor in the Department of Economics and Director of Center of International Education and Exchange at the National Chengchi University. He also serves as the Director of the AI-ECON Research Center, National Chengchi University, the editor-in-chief of the *Journal of New Mathematics and Natural Computation* (World Scientific), the associate editor of the *Journal of Economic Behavior and Organization*, and the editor of the *Journal of Economic Interaction and Coordination*. Dr. Chen holds an M.A. degree in mathematics and a Ph. D. in Economics from the University of California at Los Angeles. He has more than 150 publications in international journals, edited volumes and conference proceedings. He has been invited to give keynote speeches and plenary talks on many international conferences. He is also the editor of the volume *Evolutionary Computation in Economics and Finance* (Physica-Verlag, 2002), *Genetic Algorithms and Genetic Programming in Computational Finance* (Kluwer, 2002), and the co-editor of the Volume I & II of *Computational Intelligence in Economics and Finance* (Springer-Verlag, 2002 & 2007), *Multi-Agent for Mass User Support* (Springer-Verlag, 2004), *Computational Economics: A Perspective from Computational Intelligence* (IGI publisher, 2005), and *Simulated Evolution and Learning*, Lecture Notes in Computer Science, (LNCS 4247) (Springer, 2006), as well as the guest editor of *Special Issue on Genetic Programming, International Journal on Knowledge Based Intelligent Engineering Systems* (2008). His research interests are mainly on the applications of computational intelligence to the agent-based computational economics and finance as well as experimental economics. Details of Shu-Heng Chen can be found at <http://www.aiecon.org/> or http://www.aiecon.org/staff/shc/E_Vita.htm.

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