

Evolutionary Multiobjective Optimization and Its Application to Multiobjective Fuzzy Rule Extraction

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Biodata: Professor Hisao Ishibuchi was born in Kumamoto, Japan, in 1963. He received the BS and MS degrees in precision mechanics from Kyoto University, Japan, in 1985 and 1987, respectively. He received the Ph. D. degree from Osaka Prefecture University, Japan, in 1992. He was with the Department of Industrial Engineering, Osaka Prefecture University, Japan, where he was a research associate (1987-1993), an assistant professor (1993), an associate professor (1994-1999), and a professor (1999-2005). He is currently a professor in Department of Computer Sciences and Intelligent Systems, Osaka Prefecture University. He was a visiting researcher from August 1994 to March 1995 and from July 1997 to March 1998 in University of Toronto, Canada.

Currently, he is the Director of the Computational Intelligence Research Group in Osaka Prefecture University. His research interests include evolutionary multiobjective optimization, fuzzy rule-based classification systems, genetic fuzzy systems, data mining, RoboCup Soccer, and agent-based computational economics. He has published nearly 50 international journal papers, 250 international conference papers, 50 book chapters, and 2 books. He has also published more than 300 Japanese journal/conference papers. He was the winner of the Best Paper Award in the Genetic Algorithm Track of the GECCO 2004 Conference.

In his professional activities, he is a technical committee member of *IEEE Computational Intelligence Society* and a technical co-chair of *2006 IEEE International Conference on Fuzzy Systems*. He is also an associate editor of *IEEE Trans. on Fuzzy Systems*, *IEEE Trans. on Systems, Man, and Cybernetics: Part B*, and *Mathware & Soft Computing*. Further, he is actively involved as a program chair, area chair as well as member of editorial boards, program committees, and steering committees of more than 50 conferences and journals in the last 10 years.

New Book:

H. Ishibuchi, T. Nakashima, M. Nii: *Classification and Modeling with Linguistic Information Granules: Advanced Approaches to Linguistic Data Mining*, Springer, Berlin, November 2004.

Frequently Cited Papers (ISI: May 31, 2005):

Times Cited: 122 H. Ishibuchi, K. Nozaki, N. Yamamoto, H. Tanaka: Selecting fuzzy if-then rules for classification problems using genetic algorithms, *IEEE Trans. on Fuzzy Systems* 3 (1995) 260-270.

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