Table of Contents

Balancing Specificity and Generality in a Panmictic-Based Rule-Discovery Learning Classifier System .......... 1
William N.L. Browne

A Ruleset Reduction Algorithm for the XCS Learning Classifier System .......... 20
Phillip William Dixon, Dawid Wolfe Corne, and Martin John Oates

Adapted Pittsburgh-Style Classifier-System: Case-Study ................. 30
Gilles Enée and Pierre Barbaroux

The Effect of Missing Data on Learning Classifier System Learning Rate and Classification Performance .................................................. 46
John H. Holmes and Warren B. Bilker

XCS’s Strength-Based Twin: Part I ........................................ 61
Tim Kovacs

XCS’s Strength-Based Twin: Part II ......................................... 81
Tim Kovacs

Further Comparison between ATNoSFERES and XCSM ......................... 99
Samuel Landau, Sébastien Picault, Olivier Sigaud, and Pierre Gérard

Accuracy, Parsimony, and Generality in Evolutionary Learning Systems via Multiobjective Selection ...................................................... 118
Xavier Llorà, David E. Goldberg, Ivan Traus, and Ester Bernadó

Anticipatory Classifier System Using Behavioral Sequences in Non-Markov Environments ..................................................... 143
Marc Métivier and Claude Lattaud

Mapping Artificial Immune Systems into Learning Classifier Systems .......... 163
Patrícia A. Vargas, Leandro N. de Castro, and Fernando J. Von Zuben

The 2003 Learning Classifier Systems Bibliography .......................... 187
Tim Kovacs

Author Index ........................................................................... 231
Learning Classifier Systems
5th International Workshop, IWLCS 2002, Granada, Spain, September 7-8, 2002, Revised Papers
Lanzi, P.L.; Stolzmann, W.; Wilson, S.W. (Eds.)
2003, VII, 233 p., Softcover
ISBN: 978-3-540-20544-9