NEURAL NETWORK WORLD

Volume 10 2000 Number 5

CONTENTS

Editorial 775

An algorithm for the automatic generation of a logical formula representing a control law
Amato P., Porto M. 777

Applications of the approximation theory by neural networks
Andrejková G. 787

Initialization of possibilistic clustering via mountain clustering method
Coufal D. 797

Reasoning about probability using fuzzy logic
Godo L., Esteva F., Hájek P. 811

Elements of Boolean-valued Dempster-Shafer Theory
Kramosil I. 825

The free BL-algebra on one generator
Montagna F. 837

Satisfiability in fuzzy logics
Navara M. 845

Towards soft computing agents
Neruda R., Krušina P., Petrová Z. 859

On functions in fuzzy logic with evaluated syntax
Novák V. 869

Fuzzy relations, functions, and their representation by formulas
Perfilieva I. 877

A formal model for fuzzy knowledge based systems with similarities
Vinař J., Vojtáš P. 890