

## TABLE OF CONTENTS OF VOLUME 15, NUMBER 1

Preface .....	3
Selfstructurized Systems .....	5
<i>Victor Gladun, Vitalii Velychko, Yurii Ivaskiv</i>	
Almost Separable Data Aggregation by Layers of Formal Neurons .....	14
<i>Leon Bobrowski</i>	
The Fuzzy-Neuro Classifier for Decision Support.....	21
<i>Galina Setlak</i>	
Forming of Learning Set for Neural Networks in Problems of Losless Data Compression.....	27
<i>Yuriy Ivaskiv, Victor Levchenko</i>	
Networks of Evolutionary Processors (NEP) as Decision Support Systems .....	31
<i>Nuria Gómez Blas, Miguel Angel Díaz, Juan Castellanos, Francisco Serradilla</i>	
Networks of Evolutionary Processors: Java Implementation of a Threaded Processor .....	37
<i>Miguel Angel Díaz, Luis Fernando de Mingo López, Nuria Gómez Blas</i>	
Hierarchical Logical Description and Neural Recognition of Complex Patterns .....	43
<i>Tatiana Kosovskaya, Adil Timofeev</i>	
Adaptive wavelet-Neuro-Fuzzy Network in the forecasting and emulation tasks .....	47
<i>Yevgeniy Bodyanskiy, Iryna Pliss, Olena Vynokurova</i>	
Multialgebraic Systems in Information Granulation .....	55
<i>Alexander Kagramanyan, Vladimir Mashtalir, Vladislav Shlyakhov</i>	
Solving a Direct Marketing Problem by Three Types of ARTMAP Neural Networks .....	63
<i>Anatoli Nachev</i>	
Intelligent Model of User Behavior in Distributed Systems .....	70
<i>Andrii Shelestov, Serhiy Skakun, Olga Kussul</i>	
Data Assimilation Technique For Flood Monitoring and Prediction .....	76
<i>Natalia Kussul, Andrii Shelestov, Serhiy Skakun, Oleksii Kravchenko</i>	
A Statistical Convergence Application for the Hopfield Networks.....	84
<i>Víctor Giménez-Martínez, Gloria Sánchez-Torrubia, Carmen Torres-Blanc</i>	
Neural Networks Diagnostics in Homeopath System .....	89
<i>Larysa Katerynchyk, Alexander Provotor</i>	
Genetic Algorithm for Finding the Key's Length and Cryptanalysis of the Permutation Cipher .....	94
<i>Aleksey Gorodilov, Vladimir Morozenko</i>	
Table of Contents of Volume 15, Number 1 .....	100