## TABLE OF CONTENTS OF IJ ITA, VOLUME 16, NUMBER 1

Preface	3
Cognition Horizon and the Theory of Hyper-Random Phenomena  Igor Gorban	5
Solving Large Systems of Boolean Equations  Arkadij Zakrevskij	25
Adaptive Approach to Static Correction with Respect to Aprioristic Information in Problem of Seismic Data Processing	
Tatyana Stupina	43
Method and Algorithm for Minimization of Probabilistic Automata  Olga Siedlecka	53
Application of Information Theories to Safety of Nuclear Power Plants  Elena Ilina	65
Increasing Reliability and Improving the Process of Accumulator Charging Based on the Development of PCGRAPH Application	
Irena Nowotyńska, Andrzej Smykla	74
Transliteration and Longest Mach Strategy	
Dimiter Skordev	90
Table of Contents of IJ ITA, Volume 16, Number 1	100