

## TABLE OF CONTENTS

<i>On String Mining Speech Recognition</i>	
Levon Aslanyan, Minoosh Heidari.....	3
<i>On Attack Graph Model of Network Security</i>	
Hasmik Sahakyan, Daryoush Alipour.....	26
<i>Artificial Analysis of Molecular Marker Loci Linked to Tree Resistance Response by an Artificial Neural Network</i>	
Jorge Fernández, Angel Castellanos, Juan Castellanos.....	43
<i>ANT Colony Optimization for Time Dependent Shortest Path Problem in Directed Multigraph</i>	
Leonid Hulianytsky, Anna Pavlenko.....	52
<i>Experimentation of “Advanced Inftheo” Module for “R” on the Example of Biometric Generated Secret Key Sharing System</i>	
Mariam Haroutunian, Narek Pahlevanyan.....	62
<i>Novel Approach to Content-Based Video Indexing and Retrieval by Using a Measure of Structural Similarity of Frames</i>	
David Asatryan, Manuk Zakaryan.....	71
<i>Survey of Software for the Test Quality Analysis</i>	
Varazdat Avetisyan.....	82
<i>Palm-Vein and Fingerprint Based Improved Multimodal Fuzzy Vault Scheme</i>	
Sergey Chidemyan.....	93
Table of contents.....	100