

CONTENTS

Yu. Hakopian and A. Manukyan Analytical Inversion of Tridiagonal Hermitian Matrices	7
S. Darbinyan About One Extension of the <u>Ghouila</u> -Houri Theorem	20
G. Adamyan Comparison of Model-Free Algorithms for Clustering GARCH Processes	32
G. Bezirganyan and H. Sergoyan A Brief Comparison Between White Box, Targeted Adversarial Attacks	42
S. Grigoryan and E. Pogossian Developing Aerial Unmanned Effective Decision Makers	52
A. Chubaryan Proof Complexity of Hard-Determinable Balanced Tautologies in Frege Systems	61
T. Jamgharyan Research Obfuscated Malware with a Capsule Neural Network	67
A. Hovhannisyan Data Management In System For Creating Virtual Stands For Professional Research	84
A. Manasyan Network Management Automation through Virtualization	91