

CONTENTS

D. Asatryan, L. Andreasyan, and G. Sazhumyan Full-Reference Image Quality Assessment Procedure Based on Rice Distribution Model	7
M. Haroutunian, J. Santrosyan and P.Hakobyan Reliability Criteria in Source Coding Problem with Secret Component	14
M. Haroutunian and G. Gharagyozyan Information Theory Tools and Techniques to Overcome Machine Learning Challenges	25
A. Nahapetyan Fractal Geometry and Quantitative Evolution of the Aesthetic Appeal of Ancient Armenian Architecture Monuments	42
R. Chitchyan Regularly Varying of Normalizing Constants in Theorem of Convergence to Positive Stable Distribution	54
L. Tatli and P. Stevenson A Quantum Diophantine Equation Solution Finder	60
A. Atashyan, A. Lazyan and D. Hayrapetyan Implementation of Automata Mechanism for a Self-Organizing Swarm of Drones Platform	71
V. Altunyan FlashRMSD: An Effective Approach for Symmetry-Corrected RMSD Calculation with Extensive Benchmark Analysis	81

