

CONTENTS

Gusynin A.V. MODIFIED METHOD OF DIFFERENTIAL TRANSFORMATIONS FOR SOLVING NON-LINEAR PROBLEMS INTECHNOGICAL SPHERE	1
Dubko V.O. MODELS OF HARMONIZATION OF LOCAL AND GLOBAL CHARACTERISTICS FOR MULTI-ELEMENT EVOLVING SYSTEMS	7
Yeremieiev I.S., Dychko A.O. MUNICIPAL ENGINEERING AS COMPLEX SYSTEM.....	11
Yeremieiev I.S. THE LANDFILL CONDITION MONITORING PROCEDURES' INTELLECTUALIZATION.....	16
Kyselov V.B., Turanska O.S. RESEARCH RELIABILITY OF WIRELESS SENSOR NETWORKS.....	20
Kuzmenko B.V. COLD FUSION AND FUSION NUCLEI. REACTOR ROSSI.....	24
Levchenko V.V. FLAT-LEAVED VOLUME WAVES IN THE REGULARLY-STRATIFIED ENVIRONMENT WITH SLIPPING ON BORDERS OF DIVISION	27
Lysenko O.I., Yavisia V.S. ANALYSIS METHODS OF CONTROL SIGNALS FOR ORIENTATION AND STABILIZATION SYSTEMS OF NANO-SATELLITES.....	31
Novikov V.I. A METHOD TO INCREASE THE TIME OF OPERATION OF A WIRELESS SENSOR NETWORK WITH AN EXCESSIVE NUMBER OF NODES WHILE TRACKING THE TARGETS.....	38
Raspopov V.B. THE MATHEMATICAL ENGINEERING FOR THE APPLIED EXPERT SYSTEMS.....	44
Romaniuk A.V. NODAL OBJECTIVE CONTROL FUNCTIONS OF THE WIRELESS SENSOR NETWORKS FOR CRITICAL INFRASTRUCTURE MONITORING	49
Sobolev V.A. PRACTICAL APPROACH TO ENVIRONMENTALLY SAFE VITAL ACTIVITY IN MODERN CONDITIONS	55
Sokolovska N.I., Kuzmenko B.V. ENERGY SECURITY OF THE STATE AND REGIONS: SOME REGULATORY AND LEGAL ASPECTS.....	64