## **CONTENTS**

Guyda O.G., Petrova V.N., Bondaruk O.A.	
SELECTION OF ROUTING PROTOCOL USING	
IMITATION MODELING OF WIRELESS SENSOR NETWORK	1
Dychko A.O., Opolinskyi I.O., Minaieva Yu.Yu., Hrebeniuk T.V.	
TECHNOLOGY OF BIOMASS CHEMICAL DISINTEGRATION	
IN ANAEROBIC DIGESTION OF ORGANIC WASTE	6
Yeremeyev I.S., Yeshchenko A.I.	
ENERGOFFICIENCY AND ECOLOGICAL COMPATIBILITY	
OF APARTMENT HOUSES	11
Zhuk O.V., Romaniuk. A.V., Baydur O.V.	
USE OF THE STOCHASTIC RESONANCE EFFECT	
IN TRANSMISSION OF INFORMATION IN WIRELESS SENSOR NETWORKS	15
Lysenko O.I., Alekseeva I.V., Tachinina O.M.	
ALGORITHM OF SMART PROMPTER FOR OPERATOR OF UAVS GROUP	19
Lysenko O.I., Yavisya V.S.	
A METHOD OF PROVIDING THE QUALITY	
OF UNMANNED AIRCRAFT CONTROL CHANNEL	23
Matviychuk A.S., Kuzmenko B.V.	
ON SOME ISSUES OF ENERGY EFFICIENCY IN UKRAINE	27
Pryshchepa T.O.	
METHOD TO INCREASE THE THROUGHPUT OF MOBILE SENSOR NETWORKS WITH	
TELECOMMUNICATIONS AIRPLANES	31
Romaniuk. A.V., Davydiuk V.O.	
PROVIDING STABILITY OF THROUGHPUT OF SCALABLE AD-HOC NETWORK	35
Sobolev V.A.	
TO THE PROJECT OF ECOLOGICALLY CLEAN	
AND SAFE VITAL ACTIVITY ON BARREN AND POLLUTED TERRITORIES	41
Sobolev V.A.	
ON THE POSSIBILITY OF MANUFACTURE OF POWDER	
EXTINGUISHING FACILITIES AND EXPLOSION SUPPRESSION	47
Yavisya V.S., Petrova V.N.	
A METHOD OF IMPROVING THE QUALITY OF SERVICE	
FOR PERSONAL SATELLITE COMMUNICATIONS	55