

CONTENTS

AEROSPACE SYSTEMS FOR MONITORING AND CONTROL

1. Valeriy Shvets, Volodymyr Kharchenko
Method of Evaluation of the Electric Field Level of Dangerous Signals to GNSS Receivers 7
2. Yuliya Averyanova, Anna Rudiakova, Felix Yanovsky
Multi Polarization Measurements and Estimation of Reflected Signal Magnitude Variations Caused by Turbulence..... 13
3. Ivan Ostroumov
Passive Positioning Method Using Distance Measuring Equipment and Automatic Dependent Surveillance-Broadcast Data..... 19
4. Yuliya Sikirda, Tetiana Shmelova, Dmytro Tkachenko
Multiplicative Evaluation of Influence of the Organizational Risk Factors on Flight Safety in Air Traffic Control 26
5. Myroslava Kalashnyk-Rybalko
Features of Provision of Sustainable Navigation Aids Functioning Under Heliogeophysic Disturbances 35

MODERN AVIATION AND SPACE TECHNOLOGIES

6. Sergii Ischenko, Marian Stetsivka, Volodymyr Radchenko
Research on the Pneumatic Line Length Impact on the Dynamic Pressure Measuring System Characteristics 43
7. Sergii Filonenko, Oleg Zaritskyi
Informative of Experimental Acoustic Emission Signals Parameters in Technological Processes Machining Composite 51

ENVIRONMENT PROTECTION

8. Tetiana Bilyk, Nataliia Lukianenko, Karina Vityk, Olesia Havryliuk
Application of Plant Essential Oils for Improving Air Quality in the Lecture-Halls of Universities 60

TRANSPORT TECHNOLOGIES

9. Vladimir Belan, Andreii Gnashuk, Gennadiy Yun
The Problem of Manned Aircraft Conversion into Unmanned Aerial Vehicles 67

CHEMMOTOLOGY AND CHEMICAL TECHNOLOGY

10. Olga Titova, Natalia Stoliarova, Zoia Hrushak, Tetiana Kravchuk
The Study of the Precipitate Formation Process in Silicate-Alkali Mixture in the Presence of Salt Water 75

LAW

11. Iryna Pyvovar, Yuriy Pyvovar
Concept, Regulatory Framework and Types of Restrictions of Rights of People Sentenced to Imprisonment 83

- INSTRUCTIONS FOR AUTHORS 92