

C O N T E N T

1 Legal information security.

Development problems of regulatory and imethodological bases of information security system.

PROBLEMS OF INFORMATION SECURITY IN UKRAINE

Mikhail Prokofiev, Vladimir Khoroshko 9

INFORMATION SECURITY IN SOCIAL NETWORKS. METHODS FOR DISSEMINATION IN SOCIAL NETWORKS

Dmytro Mekhed 14

ARCHITECTURE OPTIMIZATION PROTECTION SYSTEMS INFORMATION SPACE ATCS

Vladimir Buryachok, Andrey Orekhov, Vladimir Khoroshko..... 18

EMERGENCIES CAUSED BY INFORMATION FLOWS

Elena Azarenko Yuliia Goncharenko, Michail Divizinuik, Valeriia Kovach..... 21

MATHEMATICAL APPROACHES TO DECISION SUPPORT UNDER EMERGENCY SITUATION

Mikhail Divizinuik, Oleksandr Popov, Valeriia Kovach, Oleg Bliashenko, Olena Alekseyeva, Kyrylo Smetanin..... 25

COMMON PROBLEMS PREDICTION UA IN THE INFORMATION SYSTEM OF THE STATE

Ivan Oprisky..... 31

EUROPEAN REQUIREMENTS FOR PERSONAL DATA PROTECTION IN E-COMMERCE

Olexsiy Mervinskiy 34

THE ISSUE OF DEFINITION OF INVESTMENT IN INFORMATION SECURITY THROUGH ECONOMIC AND COST MODELS

Oleksandr Arkhypov, Andrii Skyba..... 41

2 Providing computer security in information systems

APPROACHES TO ASSESSING THE RISK OF ATTACKS ON INFORMATION SYSTEMS OF CRITICAL INFRASTRUCTURE OBJECTS

Sergii Gonchar, Gennadii Leonenko, Oleksii Yudin 47

MODERN METHOD OF HOMOMORPHIC ENCRYPTION OF INFORMATION RESOURCES

Anna Iliencko 52

3 Technical means for protecting information system. Standardization and metrological provision of technical information security. Identification of consistency technical information security means

FEATURES OF CHANNEL INFORMATION LEAKAGE DUE TO ADVERSE ELECTROMAGNETIC RADIATION AND GUIDANCE

Yuriy Hlaponin 58

BUILDING A TRAFFIC CONTROLLERS VOICE AUTHENTICATION SYSTEM WITH IMPROVE SPEED AND RELIABILITY OF OPERATION

Volodymyr Temnikov, Igor Konforovich, Olena Temnikova..... 65

THERMAL RADIO EQUIPMENT RELIABILITY OF INFORMATION

Borys Uvarov, Yuriy Zinkovsky 69

THE INCREASING OF NONLINEAR RADAR DETECTION CAPABILITY

Maksym Zinchenko 78

4 Abstracts..... 81

5 Alphabetic index..... 108