

LIST OF ARTICLES PUBLISHED IN SCIENCE & MILITARY JOURNAL IN THE YEARS 2006–2025

Science & Military 2/2025

Tomasz SZULC

METHODS AND TECHNIQUES FOR COUNTERING UNMANNED COMBAT ASSETS ON THE MODERN BATTLEFIELD [PDF](#)

Pavol LUKÁŠIK, Vladimír KADLUB, Filip VALEK

ECONOMIC AND ECOLOGICAL BALANCE SHEET OF A SMALL LPG VEHICLE IN URBAN OPERATION [PDF](#)

Tomáš RÁZGA, Peter BALÁŽ, Vratislav KREHEL, Juraj PAGÁČIK

THE IMPACT OF AGING ON THE QUALITY OF BALLISTIC PROTECTION [PDF](#)

Karol SEMRÁD, Katarína DRAGANOVÁ, Eduard DOLNÝ, Peter DROPA

ANALYSIS OF MODULAR ROD FRAME CONSTRUCTION FOR THE 3D-PRINTED MULTIROTOR UAVs [PDF](#)

Science & Military 1/2025

Bence HAJÓS

WHAT IS THE EXACT LOAD CAPACITY OF THE EXISTING ROAD BRIDGES? EXAMPLE STATIC CALCULATION FOR MILITARY TRANSPORT VERIFIED BY TEST LOAD [PDF](#)

Robert ROZGONYI

OPERATIONAL USE OF MULTISPECTRAL METHODS AGAINST UAS EFFECTS [PDF](#)

Adam FULEK, Vladimír KADLUB, Miroslav MARKO

TRIBOTECHNICAL DIAGNOSTICS – ANALYSIS OF ENGINE OIL DEGRADATION VIA OIL PROPERTIES OF SAE 10W-30 IN TATRA PHOENIX DURING 9 MONTHS OF USE [PDF](#)

Science & Military 2/2024

Chi Toan DANG, Van Bac DOAN

A DESIGN OF 4-LENS THERMAL IMAGING OBJECTIVE WORKING IN THE LWIR SPECTRAL REGION [PDF](#)

Bence HAJÓS

SOME ADDITIONAL ASPECTS FOR THE REGULATION OF THE MILITARY LOAD CLASSIFICATION OF EXISTING ROAD BRIDGES (STANAG 2021) [PDF](#)

Vratislav KREHEL, Michal MOZOLA, Martin KŘEPSKÝ

MATERIALS AND TECHNOLOGIES IN THE DESIGN OF MILITARY OPTICAL DEVICES [PDF](#)

Tomáš RÁZGA, Peter BALÁŽ, Michal MOZOLA, Vratislav KREHEL

INFLUENCE OF BULLET SHAPE ON .223 REMINGTON AMMUNITION ACCURACY ANALYSIS [PDF](#)

Martin KŘEPSKÝ

ROCKET ENGINES' SOLID PROPELLANTS AND COMBUSTION PRODUCTS [PDF](#)

Science & Military 1/2024

Petr HRŮZA, Ivo DUMIŠINEC, Jiří ČERNÝ, Petr GALLUS

USE OF INFORMATION TECHNOLOGY BY THE ARMY OF THE CZECH REPUBLIC FOR COMMAND AND CONTROL IN OPERATIONS [PDF](#)

Jana LONCOVÁ, Ján OCHODNICKÝ

ADAPTIVE ALGORITHMS IN RADAR SIGNAL PROCESSING [PDF](#)

Radovan STEPHANY, Vladimír KADLUB, Miroslav MARKO

TRIBOTECHNICAL DIAGNOSTICS - DEGRADATION OF ENGINE OIL PROPERTIES SAE 10W-40 IN IVECO CROSSWAY DURING LONG JOURNEYS [PDF](#)

Patrik ŠTEFKA, Peter PÁSZTÓ, Marian KLÚČIK, Martin SMOLÁK, Matej VARGOVČÍK, Jakub LENNER

OBJECT RECOGNITION SYSTEM FOR THE SPINBOTICS ROBOTIC ARM [PDF](#)

Science & Military 2/2023

Matej VARGOVČÍK, Peter PÁSZTÓ, Marian KLÚČIK, Martin SMOEÁK, Patrik ŠTEFKA, Jakub LENNER
ANALYSIS OF STATE-OF-THE-ART SOFTWARE SOLUTIONS FOR UNSTRUCTURED OUTDOOR ENVIRONMENT PERCEPTION IN GOAL-ORIENTED NAVIGATION OF OFF-ROAD UNMANNEDGROUND VEHICLES [PDF](#)

Mikuláš ŠOSTRONEK, Miroslav MATEJČEK, Zdeno BARÁNI
DESIGN AND IMPLEMENTATION OF OUTPUT CIRCUITRY FOR MILLIMETER-WAVE DIRECT DETECTION RADIOMETER [PDF](#)

Chi Toan DANG, Vratislav KREHEL, Michal MOZOLA
ZOOM OPTICAL SYSTEM FOR THERMAL CAMERA IN OPTICAL RANGE 8-14 μm [PDF](#)

Science & Military 1/2023

Martin HALUŠKA, Miroslav MARKO
TRIBOTECHNICAL DIAGNOSTICS – MOTOR OIL (MO) CASTROL EDGE SAE 5W30 CHARACTERISTICS CONTROL ON ŠKODA OCTAVIA II [PDF](#)

Peter DROPPA, Pavol LUKÁŠIK, Radovan STEPHANY, Vladimír KADLUB
CURRENT STATUS OF THE QUALITY OF OIL FILLINGS IN THE HEAVY TECHNOLOGY OF THE ARMED FORCES OF THE SLOVAK REPUBLIC [PDF](#)

Miroslav MATEJČEK, Mikuláš ŠOSTRONEK
THE GROUND BASED AIR DEFENCE SOLUTIONS [PDF](#)

Josef BAČA, Ivan PEMČÁK
MEASUREMENT OF CROSSHAIR SHIFT ON MAGNIFICATION CHANGE IN FIELD-CONDITIONS [PDF](#)

Miroslav MARKO, Jindřich STEHLÍK
EVALUATION OF ENGINE OIL DEGRADATION (MO) SHELL HELIX HX-8, SAE 5W-30 ON BMW 330D XDRIVE [PDF](#)

Zoltán BEBESI, Zsolt JURÁS
RELEVANT TASKS FOR UAV PROTECTION SYSTEMS IN RELATION TO THE AERIAL SCENARIO OF NUCLEAR FACILITIES [PDF](#)

Science & Military 2/2022

Ivan PEMČÁK, Jiří SKALA, Josef BAČA

SUITABILITY OF USING DIFFERENT TYPES OF SHOTGUN SHELLS IN DEFENCE AGAINST LOW-SLOW-SMALL UAV [PDF](#)

Miroslav PACEK, Zdeněk MATOUŠEK

ANALYSIS OF RELEVANT ENERGETIC PROPORTIONS FOR ELINT ACTIVITIES IN THE HF FREQUENCY BAND [PDF](#)

Viktor DOLINAJ, Miroslav MARKO

TRIBOTECHNICAL DIAGNOSTICS - ENGINE OIL (MO) CHARACTERISTICS CONTROL MOGUL DIESEL DT SAE 20W50 T-72 [PDF](#)

Josef BAČA, Ivan PEMČÁK, Kateřina NOVÁČKOVÁ

MEASUREMENT OF THE RESOLUTION OF THE MOUNTED PERISCOPE OF THE ARMoured VEHICLE [PDF](#)

Science & Military 1/2022

Peter MAKO

DEPENDENCE OF MILITARY BRIDGE LENGTH AND PARAMETERS DEFINING ITS MANUFACTURING COSTS [PDF](#)

Andrej FEDÁK, Jozef ŠTULRAJTER

EVASION OF ANTIVIRUS WITH THE HELP OF PACKERS [PDF](#)

Pavol LUKÁŠIK, Vladimír KADLUB, Jindřich STEHLÍK

SEARCHING FOR THE CAUSES OF ABNORMALLY FAST DEGRADATION OF ENGINE OIL IN A DIESEL COMBUSTION ENGINE [PDF](#)

Sebastián POTOCKÝ, Jozef ŠTULRAJTER

THE HUMAN INTERFACE DEVICE (HID) ATTACK ON ANDROID LOCK SCREEN NON-BIOMETRIC PROTECTIONS AND ITS COMPUTATIONAL COMPLEXITY [PDF](#)

Jan NOHEL, Zdeněk FLASAR, Milan PODHOREC, Bryan PAKULA

THE IMPACT OF TECHNOLOGICAL CHANGES ON THE DEVELOPMENT OF MILITARY LEADERS [PDF](#)

Péter BODA, Tibor KOVÁCS

METHODS FOR DETERMINING THE RISK FACTORS FOR ROAD TRANSIT IN HUNGARY [PDF](#)

Science & Military 2/2021

Eva POPARDOVSKÁ, Vladimír POPARDOVSKÝ

ACTIVE THERMOGRAFY AS A METHOD FOR NON-DESTRUCTIVE TESTING OF POLYMER COMPOSITE MATERIALS [PDF](#)

Miroslav MARKO, Vladimír KADLUB

TESTING THE REPLACEMENT OF TOTAL AND MOBIL PLASTIC LUBRICANTS WITH MAPU-1 AND MAKN-2 LUBRICANTS [PDF](#)

Patrik HARNOS, Lubomír DEDERA

ANALYSIS OF CURRENT TRENDS IN THE DEVELOPMENT OF DSLS AND THE POSSIBILITY OF USING THEM IN THE FIELD OF INFORMATION SECURITY [PDF](#)

Eva POPARDOVSKÁ, Vladimír POPARDOVSKÝ, Lukáš NOVOTNÝ

STRENGTH CALCULATION OF UAV'S WING CONNECTOR TUBE [PDF](#)

Miroslav MARKO, Vladimír KADLUB

TRIBODIAGNOSTIC CONTROL OF MOTOR OIL (MO) PROPERTIES IN IVECO CROSSWAY BUSES [PDF](#)

Science & Military 1/2021

Vladimír POPARDOVSKÝ, Peter BONDRA, Lukáš NOVOTNÝ

PROPOSAL OF UNMANNED GROUND VEHICLE POWERED BY FUEL CELL [PDF](#)

Michal KRBAŤA, Róbert CÍGER

DILATOMETRIC ANALYSIS TOOL STEEL X153CRMOV12 [PDF](#)

Michal KRBAŤA, Róbert CÍGER

EXPERIMENTAL DETERMINATION OF CONTINUOUS COOLING TRANSFORMATION DIAGRAM FOR HIGH STRENGTH STEEL X153CRMOV12 [PDF](#)

Maroš ECKERT

STRESS PREDICTION ANALYSIS DURING HOT WORKING OF 100MNCRW4 STEEL [PDF](#)

István EMBER

THE ROLE AND THE RISKS OF EXPLOSIVE ORDNANCE DECONTAMINATION IN HUNGARY [PDF](#)

Michal KRBAŤA, Jana ESCHEROVÁ
PERFORMANCE CHARACTERISTICS OF STEEL 1.2842 AFTER NITRIDATION [PDF](#)

Science & Military 2/2020

Peter MAKO
ANALYSIS OF BRIDGING SYSTEMS WITHIN SLOVAK ARMED FORCES AND POSSIBILITIES OF THEIR REPLACEMENT [PDF](#)

Lukáš NOVOTNÝ
USE OF MODERN MATERIALS IN HYDROGEN FUEL CELLS [PDF](#)

Pavol LUKÁŠIK, Vladimír KADLUB
DIAGNOSTIC AND POSSIBLE PROBLEMS OF ANTI-LOCK BRAKING SYSTEM (ABS) [PDF](#)

Radoslav IVANČÍK
A THEORETICAL VIEW OF ASYMMETRY IN SECURITY AND MILITARY SPHERE [PDF](#)

Anna ĎURFINA
RESEARCH METHODOLOGY OF NON-MILITARY THREAT – TRANSNATIONAL ORGANIZED CRIME AND GAME THEORY [PDF](#)

Jaroslav OBERUČ, Mária MARTINSKÁ
TEACHER'S CREATIVITY IN THE EDUCATIONAL PROCESS [PDF](#)

Science & Military 1/2020

Jozef KOSTELANSKÝ, Lubomír DEDERA
EVALUATION OF CUSTOM VIRTUAL MACHINE INSTRUCTION SET EMULATOR [PDF](#)

Matúš RIEČIČIAR, Peter DROPPA
SIMULATION ANALYSIS OF PLANETARY TRANSMISSIONS IN MATLAB ENVIRONMENT [PDF](#)

Hung NGUYEN MANH, Marie RICHTEROVÁ, Tomáš BŘINČIL
PERFORMANCE EVALUATION OF DOWNLINK SATELLITE BROADCAST STREAM UNDER RAINY CONDITIONS IN A LABORATORY-CONTROLLED ENVIRONMENT [PDF](#)

Anton MYDLIAR
OPTIMIZATION OF ULTRASONIC CUTTING TOOL GEOMETRY [PDF](#)

Miloš OČKAY, Ľubomír DEDERA
FORMAL MODEL OF DECOMPOSITION AND MAPPING IN ACCELERATED CLUSTER ARCHITECTURE [PDF](#)

Martin DROPPA, Marcel HAKAKAL
CYBER SECURITY STATE IN REAL ENVIRONMENT [PDF](#)

Andrej FEDÁK, Jozef ŠTULRAJTER
FUNDAMENTALS OF STATIC MALWARE ANALYSIS: PRINCIPLES, METHODS AND TOOLS [PDF](#)

Science & Military 2/2019

Ján ASTALOŠ, Miloš OČKAY, Radoslav FORGÁČ
AN OVERVIEW OF HASH FUNCTIONS BASED ON NEURAL NETWORKS [PDF](#)

Pavol LUKÁŠIK, Miroslav MARKO
PREVENTIVE DIAGNOSTICS OF THE COMMON RAIL FUEL SYSTEM INJECTORS [PDF](#)

Jan NOHEL, Zdeněk FLASAR, Petr STODOLA
POSSIBILITIES OF IMPLEMENTATION OF FRIENDLY UNITS' MANEUVER IN THE COMMON OPERATIONAL PICTURE [PDF](#)

Július BARÁTH
USE OF DATA MINING FOR NETWORK BEHAVIOR ANALYSIS OF SELECTED OPERATING SYSTEMS [PDF](#)

Jakub VILÍMEK
SMALL UNMANNED AERIAL VEHICLES – THREATS AND DEFENCE AGAINST THEM [PDF](#)

Marek HARGAŠ
COOPERATION BETWEEN EU AND THE USA IN THEIR POLICY TOWARDS RUSSIA [PDF](#)

Science & Military 1/2019

Ján KOLLÁR, Vojtech FLORKO

SOLUTION OF SELECTED PROBLEMS USING IBM QX [PDF](#)

Peter ROHAL, Ján OCHODNICKÝ

TARGET TRACKING BY ADAPTIVE FILTERING [PDF](#)

Pavel ŽIŽKA

THE CURRENT COMMAND AND CONTROL SYSTEM OF REALIZATION OF ENGINEER SUPPORT TASKS OF TASK FORCE OPERATION [PDF](#)

Peter MAKO

FEM ANALYSIS OF MOBILE BRIDGE AM-50 AS PER NEEDS OF SLOVAK ARMED FORCES [PDF](#)

Serhiy OREL

SENSITIVITY ANALYSIS IN RISK ASSESSMENT OF DRINKING WATER CHEMICAL POLLUTION CAUSED BY MILITARY ACTIVITIES [PDF](#)

Ján BREZULA

TASKS AND ACTIVITIES EXECUTED IN THE FIELD OF THE SUPPORT OF THE STATE DEFENSE [PDF](#)

Science & Military 2/2018

Jozef PERĎOCH, Zdeněk MATOUŠEK

ACTUAL TRENDS IN ELINT OBJECTS SIGNAL CLASSIFICATION [PDF](#)

Martin OBERT, Marcel HAKAKAL

INTERNET OF THINGS - ENVIRONMENTAL SECURITY VECTOR [PDF](#)

Daniel ROMAN

CRITICAL INFRASTRUCTURE PROTECTION IN THE CONTEXT OF THE SECURITY NETWORKS [PDF](#)

Serhii IVANIUTA

RISK ASSESSMENT FOR CRITICAL INFRASTRUCTURE IN THE CONDITIONS OF UKRAINE [PDF](#)

Roman MARKOVIČ

THE EFFECTS OF TWO DIFFERENT PHYSICAL TRAINING PROGRAMS ON MOVEMENT PERFORMANCE OF PROFESSIONAL SOLDIERS [PDF](#)

Katarzyna DOJWA-TURCZYNSKA

**THE TERRITORIAL DEFENCE FORCES AS THE FIFTH TYPE OF THE ARMED FORCES OF THE REPUBLIC OF POLAND
Genesis and political background of their formation as well as attitude to them among society** [PDF](#)

Science & Military 1/2018

Peter RINDZAK

THE DEPENDENCE OF INFORMATION ENTROPY ON THE MEASUREMENT ERROR OF THE SENSOR NETWORK DESIGNATED TO THE TARGET LOCALIZATION [PDF](#)

Tomaš ČIŽIK, Monika MASARIKOVA

CULTURAL IDENTITY AS TOOL OF RUSSIAN INFORMATION WARFARE: EXAMPLES FROM SLOVAKIA [PDF](#)

Alla BESPALOVA, Vladimir LEBEDEV, Yuri MOROZOV, Inga URIADNIKOVA

SOME ASPECTS OF TECHNOGENE SAFETY AND THEIR IMPACT ON FUNCTIONING OF PUBLIC SYSTEMS [PDF](#)

Jozef KOSTELANSKY, Lubomir DEDERA

DECOMPILING JAVA BYTECODE: FROM COMMON JAVA TO NEWEST JDK8 FEATURES, FROM OBSOLETE DECOMPILERS TO CUTTING EDGE TECHNOLOGY [PDF](#)

Victor GRECHANINOV

THE EXPEDIENCY OF IMPROVEMENT OF ARMED FORCES MANAGEMENT BY AUTOMATIZATION OF THEIR BASE FUNCTIONS [PDF](#)

Mariusz ROZWADOWSKI

ACTIONS OF POLICE AND LOCAL AUTHORITIES AFFECTING IMPROVEMENT [PDF](#)

Veronika MARENČINOVA

GENDER AND LEADERSHIP IN THE MILITARY [PDF](#)

Science & Military 2/2017

József KIS-BENEDEK

THE ISIS AND THE GLOBAL TERRORISM [PDF](#)

Lubomír ALMER, Petr HRŮZA

INFORMATION SECURITY MANAGEMENT SYSTEM IMPLEMENTATION [PDF](#)

Grzegorz PILARSKI

ICT SUPPORT OF DECISION MAKING PROCESS IN THE NETWORK OF TACTICAL COMMAND POST [PDF](#)

Peter RINDZÁK

OPTIMAL SENSOR ARRAY AND PROBABILITY OF DETECTION IN 3D AREA [PDF](#)

Július BARÁTH

OPTIMIZING WINDOWS 10 AND WINDOWS SERVER 2016 LOGGING TO DETECT NETWORK SECURITY THREATS [PDF](#)

Martin DROPPA, Boris MATEJ, Marcel HAKAKAL

CYBER THREAT ASSESSMENT REPORT IN SELECTED ENVIRONMENT CONDUCTED BY CHOSEN TECHNOLOGY OF FIREWALLS [PDF](#)

Science & Military 1/2017

Juliusz PIWOWARSKI, Andrzej WAWRZUSISZYN

TOWARDS MORE SECURE EU BORDERS EUROPEAN BORDER AND COAST GUARD [PDF](#)

Martin OBERT, Marcel HAKAKAL

LOW LEVEL PROFILE SECURITY ANALYSIS IN WIRELESS ENVIRONMENT [PDF](#)

Mirosław BANASIK

CHALLENGES AND THREATS FOR THE INTERNATIONAL SECURITY AS THE CONSEQUENCE OF THE RUSSIAN FEDERATION'S HYBRID WAR [PDF](#)

Peter RINDZÁK

OPTIMAL SENSOR DISLOCATION FOR TARGET LOCALIZATION IN 2D AND 3D AREA [PDF](#)

Mariusz ROZWADOWSKI
SWOT ANALYSIS TOOL FOR RESTRUCTURING OF SELECTED ORGANIZATIONS SECURITY AND PUBLIC ORDER [PDF](#)

Oleg POSHEDIN, Maryna CHULAIEVSKA
UKRAINE IN DIRE STRAITS: THE CONUNDRUM OF ENSURING ITS MILITARY SECURITY [PDF](#)

Dariusz KOZERAWSKI
THE GENDER ISSUE IN THE POLISH ARMED FORCES ON THE EXAMPLE OF PEACE AND STABILIZATION OPERATIONS [PDF](#)

Samuel FILÍPEK, Peter DROPPA
POSSIBILITIES IN DEVELOPMENT OF THERMAL CAMOUFLAGING [PDF](#)

Science & Military 2/2016

Zoltán JOBBÁGY, Judit STUMMER
NATIONAL DEFENCE AS COURSE IN THE INSTITUTES OF HUNGARIAN HIGHER EDUCATION [PDF](#)

Aleksander OSTENDA
AUTONOMY, A THREAT OR AN OPPORTUNITY? CASE STUDY [PDF](#)

Marek ČANDÍK, Petr JEDINÁK
SOME RESULTS OF CURRENT EXPLORATION PERCEPTION OF CULTURE IN ORGANIZATIONS [PDF](#)

Ireneusz Teodor DZIUBEK, Bogumila PAWLACZYK
IT SUPPORT OF COMMANDERSHIP AND CRISIS MANAGEMENT [PDF](#)

Mirosław BANASIK
RUSSIA'S HYBRID WAR [PDF](#)

Jacek DWORZECKI, Dominik HRYSZKIEWICZ
STRATEGIC MANAGEMENT WITHIN THE REALMS OF THE POLICE RELATED ORGANISATION [PDF](#)

Bernard WISNIEWSKI, Barbara KACZMARCZYK
SECURITY OF THE STATE, HOW TO PROVIDE IT? [PDF](#)

Radoslav MASNICA, Jozef ŠTULRAJTER

IMPACT OF RELIABILITY FACTORS ON THE PROBABILISTIC MODEL PROPERTIES OF IFF RECOGNITION IN A NETWORK-ORIENTED ENVIRONMENT [PDF](#)

Rafal GLIWA, Janusz SZMIDT, Robert WICIK

SECURE ELLIPTIC CURVES OVER PRIME FIELDS

Oleg Y. SOVA, Valery A. ROMANYUK, Anton V. ROMANYUK, Oleksandr I. LYSENKO, Inga V. URYADNIKOVA

HIERARCHICAL MODEL OF DECISION ACCEPTANCE IN INTELLIGENT MANET CONTROL SYSTEM [PDF](#)

Martin JAVUREK, Marcel HARAKAE

CRYPTOGRAPHY AND GENETIC ALGORITHMS [PDF](#)

Miroslav ĎULÍK, Miroslav ĎULÍK Junior

SECURITY IN MILITARY CLOUD COMPUTING APPLICATIONS [PDF](#)

Lucia FIGULI, Zuzana ZVAKOVÁ, Vladimír KAVICKÝ, Štefan JANGL, Miroslava VANDLÍČKOVÁ

EFFECTS OF WELL - KNOWN FORMS OF IMPROVISED EXPLOSIVE DEVICES USING HOME – MADE ANFO EXPLOSIVES [PDF](#)

Roman BEREŠÍK, Jozef PUTTERA, Jozef JURČO

EVALUATION OF THE UNIFORM LINEAR MICROPHONE ARRAY FOR DETECTION SYSTEMS [PDF](#)

Ľubomír SEMANČÍK

THE IMPORTANCE OF REPLICATION IN THE APPLICATION LOGIC [PDF](#)

Július BARÁTH

MONITORING OF DEPARTMENT NETWORK – ADMINISTRATOR VIEW [PDF](#)

Stanislava GAŽOVOVÁ, František NEBUS, Vladimír BELÁK

VEHICLES ELECTROMAGNETIC EMISSIVITY ANALYSIS [PDF](#)

Science & Military 2/2015

Zdeněk MATOUŠEK, Marián BABJAK, Ján OCHODNICKÝ
INTRAPULSE MODULATIONS FOR RADAR PULSE COMPRESSION [PDF](#)

Sergiy OREL, Oleksiy IVASHCHENKO
EVALUATION OF MILITARY ACTIVITY IMPACT ON ENVIRONMENT USING TWO-DIMENSIONAL MONTE CARLO METHOD [PDF](#)

Taras STUKALIN
THE TRANSFORMATION OF THE CONCEPT OF TERRITORIAL DEFENSE IN UKRAINE IN THE CONTEXT OF THE EXPERIENCE OF THE ANTITERRORIST OPERATION IN EASTERN UKRAINE [PDF](#)

Cezar VASILESCU
HOW TO DELIVER MISSION EFFECTIVENESS IN ORGANIZATIONS USING PROCESS IMPROVEMENT STRATEGIES [PDF](#)

Olga MARCHENKO
THE FORMATION OF PEDAGOGUE'S PROFESSIONAL COMPETENCE BASED ON THE HUMANITARIAN APPROACH [PDF](#)

Grzegorz ZAJAC
RULES AND PROCEDURES OF ACCIDENT INVESTIGATION IN CIVIL AVIATION [PDF](#)

Wojciech GIZICKI
NEW TECHNOLOGIES AND DEFENCE INDUSTRY THE CASE OF POLAND [PDF](#)

Aneta NOWAKOWSKA-KRYSTMAN
THE STRATEGY OF THE ARMED FORCES BASED ON CORE COMPETENCIES [PDF](#)

Science & Military 1/2015

Martin OBERT, Marcel HAKAKAL
CONTEMPORARY CYBERNETIC THREATS ANALYSIS [PDF](#)

Gabriel MANESCU, Claudiu Vasile KIFOR, Mihai ZERBES
THE DESIGN OF A COLLABORATIVE MODEL FOR DEFENSE INDUSTRY USING THE IDEF METHODOLOGY [PDF](#)

Eduard MIHAI, Oliver CIUICA
THE INFLUENCE OF ORGANIZATIONAL CULTURE ON FLIGHT SAFETY [PDF](#)

František GUBÁŠ
MEDICAL SUPPORT OF MILITARY OPERATIONS LED BY ORGANIZATIONS OF INTERNATIONAL CRISIS MANAGEMENT [PDF](#)

Cosmin IVANCIU
CIVILIAN POPULATION PROTECTION IN ARMED CONFLICTS [PDF](#)

Vasyl KROTIUK
PATRIOTIC EDUCATION OF PERSONNEL OF THE ARMED FORCES OF UKRAINE [PDF](#)

Sergiy IVANYUTA
ASSESSMENT OF THREATS FROM EXOGENOUS GEOLOGICAL PROCESSES TO SAFETY OF INTERNATIONAL TRANSPORT CORRIDORS IN UKRAINE [PDF](#)

Katarína MAJERČÍKOVÁ
CARDIOVASCULAR DISEASES THEIR PREVENTION AND THE IMPORTANCE OF HEALTHY LIFESTYLE AND PHYSICAL TRAINING IN THE ARMED FORCES OF THE SLOVAK REPUBLIC [PDF](#)

Katarzyna DOJWA-TURCZYNSKA
POLES' SENSE OF SECURITY - SELECTED SOCIOLOGICAL ASPECTS [PDF](#)

Ovidiu-Gheorghe MOSOIU
COMMON SECURITY AND DEFENCE POLICY – GENERAL FRAME WORK OF EUROPEAN COMMON SECURITY AND DEFENCE MANIFESTATION [PDF](#)

Science & Military 2/2014

Daniel KUČERKA, Milan TIMKO, Iveta KMECOVÁ, Monika KUČERKOVÁ
MATERIAL SUPPLIES IN AN ENTERPRISE AND TRANSPORT [PDF](#)

Vlastimil NEUMANN
MATHEMATIC MODEL OF A TRUCK [PDF](#)

Mykhailo HRUBEL, Mykola BODNAR, Yurii KRAINYK

DIFFERENTIAL RATIONING OF LINEAR FUEL CONSUMPTION OF BUSES AND TRUCKS UNDER DIFFERENT TRAFFIC CONDITIONS [PDF](#)

Jan FURCH, Josef GLOS

POSSIBILITIES OF TEMPORARY REPAIRS IN THE ARMY [PDF](#)

Zbyšek KORECKI, Monika CABICAROVÁ, Filip BALHAR

MODELLING LIFE CYCLE COST IVECO VEHICLES AND TATRA 810 [PDF](#)

Sergij V. BEGUN, Vasilij V. BEGUN

DEVELOPMENT OF NUCLEAR EDUCATION STANDARDS [PDF](#)

Pawel TURCZYNSKI

DEVELOPMENT OF THE POTENTIAL OF THE POLISH ARMY IN THE SECOND DECADE OF THE 21st CENTURY [PDF](#)

Science & Military 1/2014

Petr FRANTIŠ

EXPERIMENTAL USER INTERFACES TO 3D VISUALIZATION OF C2 SYSTEM [PDF](#)

Kazimierz KOWALSKI

CHOSEN ISSUE OF WEAPON SYSTEMS EXPLOITATION RESEARCH [PDF](#)

Mykhailo H. HRUBEL, Mariya B. SOKIL, Roman A. NANIVSKYI

INFLUENCE OF CHARACTERISTICS OF WHEELED VEHICLE SUSPENSION ON ITS ROAD-HOLDING ALONG CURVED STRETCHES OF TRACK [PDF](#)

Martin JAVUREK, Michal TURČANÍK, Marcel HAKAKAL

ARTIFICIAL NEURAL NETWORKS IN CRYPTOGRAPHY [PDF](#)

David KUSMIČ, Zbyněk STUDENÝ, Vojtěch HRUBÝ, Emil SVOBODA

MATERIAL ANALYSIS OF DEMAGED 125 MM TANK MAIN GUN TYPE TK 2A46 [PDF](#)

Vlastimil MALÝ, Petr HRŮZA

MODELLING OF TASK FORCE STRUCTURES [PDF](#)

Radoslav MASNICA, Jozef ŠTULRAJTER, Ivan PLICHTA

COMMON OPERATIONAL PICTURE AND A PROBABILISTIC MODEL FOR RECOGNITION IDENTIFICATION FRIENDLY OR FOE – IFF [PDF](#)

Sergiy OREL, Oleksiy IVASCHENKO

THROUGH ECOLOGICAL RISK ASSESSMENT [PDF](#)

Branislav KULICH

LESSONS LEARNED FROM MILITARY CYBER DEFENCE EXERCISES [PDF](#)

Iveta KMECOVÁ, Robert ZEMAN, Daniel KUČERKA, Monika KUČERKOVÁ

QUALITY VALUE ANALYSIS FROM CUSTOMERS' POINT OF VIEW

František GUBÁŠ

HEALTH SECURITY IN THE EUROPEAN UNION [PDF](#)

Josef POŽÁR

MODELLING OF THE INVESTIGATION OF CYBERCRIME [PDF](#)

Science & Military 2/2013

Vasile CARUTASU, Daniela CARUTASU

DESIGNING A VIRTUAL PLATFORM FOR ARMORED VEHICLE THROUGH THE PLM USING THE IDEF0 [PDF](#)

Tomasz SMAL, Kazimierz KOWALSKI

BATTLE DAMAGE REPAIR ORGANIZATION UNDER COMBAT OPERATIONS [PDF](#)

Ivan KOPECKÝ, Peter LIPTÁK, Danko RAKÚSOVÁ

OPERATIONAL RELIABILITY AND THE SURROUNDINGS EFFECT [PDF](#)

Jan FURCH, Josef GLOS

CHOSEN ASPECTS OF MILITARY EQUIPMENT MAINTENANCE UNDER COMBAT OPERATIONS [PDF](#)

Viktor FERENCEY, Juraj MADARÁS, Martin BUGÁR

MODELING AND APPLICATION OF THE ELECTRIC GENERATOR DRIVE THROUGH A VEHICLE MICROTURBINE FOR MILITARY SYSTEM [PDF](#)

Lucia FIGULI, Vladimír KAVICKÝ, Kamil BOC, Dagmar VIDRIKOVÁ, Štefan JANGL

ANALYSIS OF BLAST LOADED STRUCTURES [PDF](#)

Ján DANKO, Martin BUGÁR, Juraj MADARÁS, Tomáš MILESICH

MODEL OF UNMANNED GROUND VEHICLE SUSPENSION COMPONENT FOR DYNAMIC LOAD [PDF](#)

Martin NIČ, Peter SPILÝ

INSURGENCY AND COUNTERINSURGENCY [PDF](#)

Piotr MALINOWSKI

LEADERSHIP IN THE MILITARY ORGANIZATION: HOW TO CHANGE THE RELATIONSHIPS IN VALUABLE INTANGIBLE ASSET [PDF](#)

Science & Military 1/2013

Martin KLATÝ, Jana MAJDOVÁ, Peter ČELKO

IMPACT OF PLASMA NITRIDING ON DEPTH OF DIFFUSION LAYER IN SELECTED STRUCTURAL STEELS [PDF](#)

Inga URIADNIKOVA

THE USE OF LINEAR PROGRAMMING METHODS TO OPTIMIZE TECHNOGENIC RISKS IN THERMAL POWER ENGINEERING [PDF](#)

Michal TURČANÍK

SPEED COMPARISON OF THE ADDERS IN FPGA [PDF](#)

Oleksandr I. LYSENKO, Inga V. URIADNIKOVA, Stanislav V. VALUISKYI, Sergei M. CHUMACHENKO, Pavlo I. KIRCHU, Andrei I. SEMENCHENKO

INCREASING OF MANET THROUGHPUT USING QUASI-OPTIMAL UAVs PLACEMENT CONTROL [PDF](#)

Zbigniew GRZYWNA

THE ARMED FORCES OF THE REPUBLIC OF POLAND IN THE ACTIVITIES FOR SECURITY [PDF](#)

Juliusz PIWOWARSKI

ETHICS OF ORGANIZATION CULTURE AS AN EXISTING CONDITION OF SECURITY CULTURE [PDF](#)

Peter JUREČKA

RESOLUTION OF CONFLICTS IN CROSS-FUNCTIONAL TEAMS

Application of Hackman's model of intractable conflicts to the process of Integrated Business Planning [PDF](#)

Vasyl ZAPLATYNSKYI

DANGER - A SUBJECTIVE EVALUATION OF OBJECTIVE REALITY [PDF](#)

Petr JEDINÁK, Tomáš ŘÍMSKÝ

PROCESS AND METHODOLOGY OF APPRAISAL OF OFFICERS OF THE POLICE OF THE CZECH REPUBLIC [PDF](#)

Michal ZELENÁK

COST ANALYSIS OF TRANSPORT [PDF](#)

Janusz ZIELINSKI, Wojciech BAJOREK

PSYCHO-SOCIAL ASPECTS OF STADIUM HOOLIGANISM [PDF](#)

Science & Military 2/2012

Martin HUBÁČEK, Vladimír VRÁB

COSTS AND EFFICIENCY EVALUATION MODEL OF TRAINING METHODS [PDF](#)

Gheorghe MINCULETE, Daniela RAPAN

APPROACHES ON CURRENT RISKS AND THREATS TO THE INTERNATIONAL SECURITY ENVIRONMENT [PDF](#)

Gábor KOVÁCS

PAYLOAD OF UNMANNED AERIAL VEHICLES [PDF](#)

František BARTKO, František BARTKO Jr.

IDENTIFICATION AND CATEGORIZATION OF SECURITY RISKS [PDF](#)

Peter LIPTÁK, Igor BARÉNYI, Ondrej HÍREŠ

DEGRADATION OF MECHANICAL PROPERTIES AFTER WELDING OF HIGH STRENGTH STEEL ARMOX 500 [PDF](#)

Mariana MARTIŠKOVÁ, Ladislav NOVÁK

FINDINGS ON THE DEPLOYMENT OF CIVILIAN EXPERTS FROM THE SLOVAK REPUBLIC INTO COMMON SECURITY AND DEFENSE POLICY MISSIONS [PDF](#)

Viktor FERENCEY, Martin BUGÁR, Vladimír STAŇÁK, Juraj MADARÁS, Ján DANKO
HYBRID - ELECTRIC POWER SOURCES ENERGY MANAGEMENT DURING DYNAMIC LOADS IN MILITARY VEHICLE [PDF](#)

Jaromír MAREŠ, Nataša POMAZALOVÁ, Václav ZAJÍČEK
TESTING THE INFLUENCE OF ADDITIVE ENVIROX DURING OPERATION OF THE COMBUSTION ENGINE T 815 [PDF](#)

Klára SIPOS KECSKEMÉTHY
THE MEDITERRANEAN [PDF](#)

Lt Slawomir BYLEN
MODELING OF LOGISTICS IN COMPUTER ASSISTED EXERCISES [PDF](#)

Science & Military 1/2012

Ján DANKO, Vladimír STAŇÁK, Martin BUGÁR
OPTIMAL CONTROL STRATEGY OF TRACKED INFANTRY FIGHTING VEHICLE HYBRID POWERTRAIN [PDF](#)

Tomasz SMAL
BATTLEFIELD MAINTENANCE REGULATIONS IN THE ALLIED COMBAT OPERATIONS [PDF](#)

Lukasz SZMIT, Ryszard WOZNIAK
SPECIFICITY OF DESIGN AND ACTION OF THE WEAPON'S JUMP AND RECOIL LABORATORY TEST STAND [PDF](#)

Peter LISÝ, Henrich KELEMEN, Emil HRIVŇÁK
NOISE LOADING OF CREW AND INDIVIDUALS [PDF](#)

Mikuláš MONOŠI, Ladislav JÁNOŠÍK, Martin PIKA
OPERATIONAL RELIABILITY DETECTION OF SELECTED MOBILE TECHNOLOGY [PDF](#)

Václav TALHOFER, Šárka HOŠKOVÁ-MAYEROVÁ, Alois HOFMANN, Vlastimil KRATOCHVÍL
RELIABILITY OF FINDING THE MOST BENEFICIAL ROUTE [PDF](#)

František BARTKO
HOLISTIC ANALYSIS OF THE MILITARY DISTRICT UNITS DISASTER RELIEF EFFORTS [PDF](#)

Antoni KRAUZ, Antoni OLAK

CRISIS SITUATIONS THE MUNICIPAL TEAM MANAGEMENT APPROACH CRISIS – OVERVIEW OF THE PROBLEM [PDF](#)

Štefan ČORŇÁK, Vladimír HORÁK, Zdeněk CHLÁDEK, Jan ULMAN

THE EVALUATION OF AIR QUALITY IN MILITARY VEHICLES [PDF](#)

Norbert ADAMEC, Mário ŠTIAVNICKÝ, Vladimír BELLA

CHANGE IN SHAPE OF FRACTURE SURFACE OF C15E MATERIAL AFTER HEAT TREATMENT [PDF](#)

Oleksandr I. LYSENKO, Inga V. URYADNIKOVA, Stanislav V. VALUISKYI, Inna O. NECHYPORENKO

A METHOD OF CONTROLLING THE TOPOLOGY OF AERIAL REPEATERS NETWORK TO IMPROVE STRUCTURAL INFORMATION CONNECTIVITY OF WIRELESS AD HOC NETWORKS [PDF](#)

Alojz ŠTEINER

15 YEARS OF SLOVENIAN ARMED FORCES' PARTICIPATION IN MULTINATIONATIONAL OPERATIONS AND MISSIONS [PDF](#)

Ionica CIRCIU, Stefan Mircea MUSTATA

ASPECTS IN OBTAINING NEW MULTI-LAYER STRUCTURES USING NONCONVENTIONAL METHODS [PDF](#)

Jan FURCH

DESIGN TELEMANTENANCE IN THE ARMY OF THE CZECH REPUBLIC [PDF](#)

Jan FURCH, Josef GLOS, Ondřej RAZÝM

TECHNICAL CONDITION DETECTION OF AIR TANKS IN THE ARMY OF THE CZECH REPUBLIC [PDF](#)

Vlastimil NEUMANN, Štefan ČORŇÁK

THERMAL STRESS SOLUTION OF A VEHICLE BRAKE SYSTEM [PDF](#)

Gábor ERDEI

FRENCH EXAMPLE ON THE MECHANISM OF ORGANIZED METAL THEFT WITHOUT FRONTIERS [PDF](#)

Science & Military 2/2011

Radoslav IVANČÍK

THEORETICAL AND METHODOLOGICAL APPROACH TO DEFENCE AND SECURITY IN A TIME OF GLOBALIZATION [PDF](#)

Martin VLKOVSKÝ, Tomáš BINAR, Tomáš DVOŘÁK, László SZEKER
OPTIMISATION OF CONTAINER UNIT FORMATION USING DECKING SYSTEM ANCRA [PDF](#)

Zdeněk MATOUŠEK, František NEBUS, Ján OCHODNICKÝ, Mikuláš ŠOSTRONEK
VSWR MEASUREMENT WITH FERRITE CIRCULATOR [PDF](#)

Oana-Andreea PIRNUTA, Pavel NEČAS, Mircea BOSCOIANU, Dragos-Nicolae SECAREA
THE IMPACT OF TECHNOLOGICAL SYNERGY ON THE MILITARY MANAGEMENT IN THE CONTEXT OF TRANSFORMATION [PDF](#)

Franciszek KOZACZUK
SENSE OF SECURITY THE CITY'S INHABITANTS AND THEIR ATTITUDE TOWARDS THE JUSTICE OF INSTITUTION [PDF](#)

Matúš GREGA, Tomáš SCHÓBER, Tomáš BAŇAS
MEDIUM TO INCREASE THE SAFETY OF AIR TRAFFIC CONTROL HUMAN FACTOR, SIMULATORS & TRAINERS IN AIR FORCES [PDF](#)

Peter JUREČKA
INVENTORY MANAGEMENT REVISED
Analysis of behavioral aspects of decision making within Sales & Operations Planning process [PDF](#)

Andrey PROLETARSKY, Konstantin NEUSIPIN
RESEARCH FILTERING ALGORITHM WITH DELAY EFFECT FOR MEASUREMENT SYSTEM [PDF](#)

Cristea-Gabriel RAU, Pavel NECAS, Mircea BOSCOIANU
REVIEW OF MAINTAINABILITY AND MAINTENANCE OPTIMIZATION METHODS FOR AVIATION ENGINEERING SYSTEMS [PDF](#)

Daniela HREHOVÁ, Peter KAMENEC
THE MANAGEMENT AND MANAGERIAL SKILLS ARE NEEDED FOR THE SLOVAK MANAGER [PDF](#)

Inga URYADNIKOVA, Vasyl ZAPLATYNSKYI
SOCIAL AND PSYCHOLOGICAL RISKS ARISED IN POPULATION AND CLEANERS AS A RESULT OF THE CHERNOBYL ACCIDENT [PDF](#)

Zoltán JOBBÁGY, Judit STUMMER
MARKETING OPPORTUNITIES FOR EDUCATING THE YOUTH IN NATIONAL DEFENCE: A SYSTEM-BASED APPROACH [PDF](#)

Radoslav IVANČÍK

NATIONAL AND INTERNATIONAL SECURITY IN A TIME OF GLOBALIZATION AND GLOBAL FINANCIAL CRISIS [PDF](#)

Martin BUGÁR, Vladimír STAŇÁK, Viktor FERENCEY

HYBRID POWERTRAIN CONCEPTUAL DESIGN FOR UNMANNED GROUND VEHICLE [PDF](#)

Tomáš DVOŘÁK, Martin VLKOVSKÝ

SUPPLY CHAIN OPTIMIZATION MODELS IN THE AREA OF OPERATION [PDF](#)

Wojciech GIZICKI

SECURITY IN EASTERN EUROPE FROM THE PERSPECTIVE OF THE EUROPEAN UNION [PDF](#)

Zoltán JOBBÁGY

ON THE SHIFTING BALANCE OF COMMAND AND CONTROL A TALE OF THE GENES AND XENOPHON [PDF](#)

Dariusz KOZERAWSKI

MULTICULTURALISM IN THE MULTINATIONAL DIVISION CENTRAL-SOUTH INTERNATIONAL STABILITY OPERATIONS IN IRAQ (2003-2008) [PDF](#)

Adrian LESENCIUC, Cosmina DRĂGHICI, Daniela NAGY

MODELS OF FORMING/ DEVELOPING THE INTERCULTURAL COMMUNICATION COMPETENCE. MODELS RELEVANT TO THE ROMANIAN MILITARY HIGHER EDUCATION [PDF](#)

Petr RYP, Pavel NEČAS

CREATION OF NEC AS PART OF THE PROCESS TO IMPROVE THE QUALITY OF COMMAND AND CONTROL SYSTEM [PDF](#)

Ján SPIŠÁK

THINKING ABOUT DECISIVE FACTORS OF THE ARMED FORCES DEVELOPMENT [PDF](#)

Mário ŠTIAVNICKÝ, Norbert ADAMEC, Vladimír BELLA

MODELING OF CHARPY TEST FOR STEEL C30E [PDF](#)

Mário ŠTIAVNICKÝ, Peter LISÝ

GUNSHOT EFFECTS SIMULATION [PDF](#)

Traian ANASTASIEI, Mircea BOSCOIANU, Marian MIHAITA, Pavel NEČAS
ASPECTS REGARDING THE ROLE OF AIR FORCE IN COMBATING GLOBAL TERRORISM [PDF](#)

Inga URYADNIKOVA
KEY PRIORITIES FOR PUBLIC POLICY FOR THE ENVIRONMENTAL SECURITY IN THE ARMED FORCES OF UKRAINE [PDF](#)

Petre DUȚU, Cristina BOGZEANU
ON CHINA'S INTERNATIONAL AND REGIONAL STATUS [PDF](#)

György SZTERNÁK
NATO IS SIXTY YEARS OLD [PDF](#)

Science & Military 2/2010

Vladimír SEDLÁK, Pavel NEČAS, Václav MIKULENKA
MODELLING OF THE SURFACE MOVEMENTS IN GIS IN THE KOŠICE DEPRESSION FOR A PURPOSE OF HUMANS AND PROPERTY PROTECTION [PDF](#)

Vladimír PITSCHMANN, Zbyněk KOBLIHA, Ivana TUŠAROVÁ
DETECTOR TUBE WITH PICRIC ACID USED TO DETECT IRRITATING CN AND CS AGENTS IN THE AIR [PDF](#)

Mihai Marcel NEAG, Marinel-Adi MUSTAȚĂ
THEORETICAL AND METHODOLOGICAL ADVANCES TOWARDS AN EPISTEMIC COMPETENCY OF DECISION-MAKERS [PDF](#)

Mário ŠTIAVNICKÝ
ENHANCED TIRE MODEL FOR VIBRATION ANALYSIS OF VEHICLE [PDF](#)

Jozef MATIS, Eva ZÁVODNÁ
SOCIAL RELATIONS AND ACTIVITIES –PART OF THE CULTURE OF A MILITARY ORGANIZATION [PDF](#)

Valentina NOVAK, Tatiana MOSTENSKA, Oksana ILIENKO
THE ROLE OF INFORMATIVE ENVIRONMENT IN ECONOMIC SECURITY OF ENTERPRISES [PDF](#)

Nataša POMAZALOVÁ, Zbyšek KORECKI, Tomáš DVOŘÁK
LOGISTIC APPLICATIONS IN RECEPTION, STAGING, ONWARD MOVEMENT ACCOMPLISHMENT [PDF](#)

Ildikó SZELEI
PARADIGMS OF PEDAGOGY [PDF](#)

Lenka KURHAJCOVÁ, Lubomír BELAN
LIFELONG EDUCATION AS THE BASE OF CARRIER OF MILITARY PROFESSIONAL [PDF](#)

Alexandru GĂLUȘCĂ, Traian ANASTASIE, Gabriela PRELIPCEAN, Ionică CÎRCIU , Mircea BOSCOIANU
ASPECTS REGARDING THE USE OF INNOVATIVE DECISION SUPPORT SYSTEMS IN MILITARY APPLICATIONS [PDF](#)

Florin MOISESCU, Mircea BOSCOIANU, Vlad VÂGA
HIGHER EDUCATION IN AIR FORCE: CHALLENGES AND PERSPECTIVES [PDF](#)

Jan HODICKÝ, Petr FRANTIS
VISUALIZATION SERVICES FOR JOINT TRAINING FACILITY [PDF](#)

Andrey PROLETARSKY, Konstantin NEUSIPIN
RESEARCH SCALAR FILTERING ALGORITHM WITH SELFORGANIZATION METHOD FOR MODELLING CONTROL SYSTEM [PDF](#)

Elena KONOVALOVA
ENVIRONMENTAL CAPACITY OF AN AIRPORT AS AN ELEMENT OF BALANCED APPROACH TO AIRCRAFT NOISE CONTROL [PDF](#)

Mikhail A. BASARAB
INTERPOLATING SOLID ORIENTATIONS WITH QUATERNION CURVES BASED ON ATOMIC FUNCTIONS AND CARDINAL SERIES [PDF](#)

Dušan LITVA
DEVELOPMENT OF MOTORIC ABILITIES AND PHYSICAL FITNESS OF MILITARY PROFESSIONAL DURING THEIR STUDIES AT THE ACADEMY OF THE ARMED FORCES IN LIPTOVSKÝ MIKULÁŠ [PDF](#)

Science & Military 1/2010

Ferdinand CHOVANEC
CANTOR SETS [PDF](#)

František ADAMČÍK, Ján KABÁT, Jana MODROVIČOVÁ

EXPERIMENTAL RESEARCH OF THE MAGNETIC AURA OF A SMALL-SIZE JET-ENGINE AND THE POSSIBILITIES OF APPLICATION FOR DIAGNOSTICS AND CONTROL [PDF](#)

Ľuboš AUGUSTÍN, Milan LEHOTSKÝ, Jozef ŠTULRAJTER

IMPROPER THRESHOLDING TECHNIQUES ELIMINATION [PDF](#)

Paul BECHET, Iulian ILIES, Amalia LEBU, Anca DINICU

A COMPREHENSIVE APPROACH TO DECISION-MAKING AND INTERACTION MECHANISMS THAT VALORIZE RELEVANT INFORMATION [PDF](#)

Mircea BOȘCOIANU, Vasile PRISECARIU, Ionică CÎRCIU

APPLICATIONS AND COMPUTATIONAL ASPECTS REGARDING THE COANDĂ EFFECT [PDF](#)

Ionică CÎRCIU, Mircea BOȘCOIANU, Stanislav SZABO

SOME ASPECTS REGARDING THE FLIGHT DYNAMICS AND STABILITY OF QUAD-ROTORS MICRO AERIAL VEHICLES [PDF](#)

Štefan ČORŇÁK, Pavel BRAUN

THE EVALUATION OF INTERIOR CAR'S AIR QUALITY AND SAFETY OF TRAFFIC [PDF](#)

Ľubomír DEDERA

DOMAIN-SPECIFIC LANGUAGES FOR COMMAND AND CONTROL SYSTEMS [PDF](#)

Petr HARAŠTA, Jiří DVOŘÁK

CATALOGUE OF ACCOUTREMENTS ALLOWANCES [PDF](#)

Peter LIPTÁK, Milan JOZEFEK

MOMENTS HAVING EFFECT ON A FLYING MISSILE [PDF](#)

Florin MOISESCU, Mircea BOȘCOIANU, Gabriela PRELIPCEAN, Mariana LUPAN

INTELLIGENT AGENTS IN MILITARY DECISION MAKING [PDF](#)

Pavel NEČAS, Miroslav KELEMEN, Jaroslav UŠIAK, Peter SPILÝ

IRANIAN WAR ON INSECURITY: ROADMAP FORWARD? [PDF](#)

Miloš OČKAY, Marcel HAKAKAI, Miroslav LÍŠKA

KERNEL DEPENDENCIES IN A MODERN GENERAL-PURPOSE GPU ARCHITECTURE [PDF](#)

Andrey Victorovich PROLETARSKY, Konstantin Avenirovich NEUSIPIN
ADAPTIVE FILTERING FOR NAVIGATION SYSTEMS OF ROBOT-AEROCRAFT [PDF](#)

Jaroslav SLEPECKÝ
CONTRIBUTION TO ESTIMATION OF ECONOMIC CONSEQUENCES OF DISASTER [PDF](#)

Martin ŠPERKA, Peter KAPEC
INTERACTIVE VISUALIZATION OF ABSTRACT DATA [PDF](#)

Science & Military 2/2009

František ADAMČÍK, Peter KRAJŇÁK
THE DYNAMIC ERROR OF THERMOCOUPLES [PDF](#)

Štefan BEREŽNÝ
DISCRETE MODELS OF OPTIMIZATION AND SAFENESS IN TRANSPORT AND TRANSFER [PDF](#)

Štefan ČORŇÁK
SELECTED ASPECTS OF DRIVERS MICROCLIMATE EVALUATION [PDF](#)

Jelena DJOKIC, Hartmut FRICKE, Michael SCHULTZ, Christoph THIEL
AIR TRAFFIC COMPLEXITY AS A SAFETY PERFORMANCE INDICATOR [PDF](#)

Péter GÁSPÁR, Zoltán FAZEKAS, Alexandros SOUMELIDIS
NOTES ON VEHICLE-BASED VISUAL TRAFFIC SURVEILLANCE FOR CRASH-PREDICTION [PDF](#)

Eva GELNAROVÁ, Petr KRUPANSKÝ, Jiří SVOBODA, Petr MEJZLÍK, Tomáš NEUŽIL
HISTORICAL DATA BASED WIND SEGMENTATION [PDF](#)

Rudolf JALOVECKÝ, Přemysl JANŮ
ANALYSIS OF THE CHARACTERISTICS OF A PILOT IN THE AIRCRAFT FLIGHT [PDF](#)

Ondřej KOTABA
OBSTACLE DETECTION SYSTEMS USING EO CAMERAS [PDF](#)

Mariana KUFFOVÁ, Václav KRÁLÍK
UTILIZATION OF SIMULATION AT THE EVALUATION OF FATIGUE PROPERTIES OF MATERIALS [PDF](#)

Ján LABUN, Pavol KURDEL, Pavol LIPOVSKÝ
COMMUNICATION ANTENNA EMITTING IN TRANSVERSE VERTICAL PLANE OF AIRCRAFT [PDF](#)

Zdeněk MATOUŠEK, Pavel BUČKA
DETECTION AREA ANALYSIS IN THE ELINT SYSTEM [PDF](#)

Jana MODROVIČOVÁ, Ladislav MADARÁSZ, Ján KABÁT
MPM 20 MAGNETIC AURA RESEARCH AND ITS UTILIZATION FOR MPM 20 SITUATIONAL CONTROL [PDF](#)

Martin Ernesto OREJAS, Luboš VÁCI, Milan SOPATA
MULTIPLE SENSOR INTEGRATION FOR AUTONOMOUS VEHICLE NAVIGATION [PDF](#)

Jan POKORNÝ, Michal ŠELMÁT
PASSIVE SAFETY OF CAR FLEET IN THE CZECH REPUBLIC [PDF](#)

Ondřej POLÁK, Vít JANOŠ, Karel BAUDYŠ
EVALUATION OF A NEW TIMETABLE CONCEPT ON THE TRACK PRAHA KLADNO USING A SIMULATION TOOL [PDF](#)

Vladimír SEDLÁK, Miloš JEČNÝ, Marián MESÁROŠ, Miroslav KELEMEN, Pavel NEČAS
TEST ANALYSES OF DAM DEFORMATIONS FOR SECURITY OF PEOPLE AND ENVIRONMENTAL PROTECTION [PDF](#)

Peter SPILÝ, Pavel NEČAS
ALLIANCE'S STRATEGIC CONCEPT [PDF](#)

Michal TURČANÍK
TRAFFIC LIGHTS CONTROL USING RECURRENT NEURAL NETWORKS [PDF](#)

Jiří VAŠEK, Pavel KOLČÁREK, Petr KRUPANSKÝ, Christopher MISIAK
AIRBORNE SIDE AND AUTOMATED EN-ROUTE CONFLICT DETECTION AND RESOLUTION [PDF](#)

Jaroslav ZAJÍČEK, Jiří HAVLÍČEK, Pavel FUCHS, Radovan SOUŠEK, Miroslav KELEMEN, Lucia KOVÁČOVÁ
APPRAISAL OF CRITICAL TRANSPORTATION INFRASTRUCTURE – RISKS AND SAFETY [PDF](#)

Štefan BEREŽNÝ, Anna GRINČOVÁ

MATEMATICKÉ MODELY SPRÁVANIA SA DOPRAVNÝCH PÁSOV MATHEMATICAL MODELS OF CONVEYOR BELTS BEHAVIOR [PDF](#)

František KMEC

VYUŽITIE FMCW RÁDIOVÝŠKOMERA NA ZVÝŠENIE BEZPEČNOSTI LETOV (ANOTHER WAY OF USING FMCW RADIO ALTIMETER TO INCREASING FLIGHT SAFETY) [PDF](#)

František KMEC

NOVÝ PRÍSTUP K VÝRAZNEJ REDUKCII METODICKEJ CHYBY SÚČASNÝCH FMCW RÁDIOVÝŠKOMEROV (NEW WAY TO SIGNIFICANT REDUCTION OF METHODICAL ERROR OF CURRENT FMCW RADIO ALTIMETERS) [PDF](#)

Tomáš LOVEČEK

MERATELNOSŤ ÚROVNE FYZICKEJ OCHRANY PRVKOV KRITICKEJ INFRAŠTRUKTÚRY (MEASURABILITY OF THE PHYSICAL PROTECTION LEVEL OF THE CRITICAL INFRASTRUCTURE COMPONENTS) [PDF](#)

Miloš SOTÁK

ZVÝŠENIE PRESNOSTI MERANIA VÝŠKY LETECKÉHO RÁDIOVÝŠKOMERA ZNÍŽENÍM ÚROVNE JEHO METODICKEJ CHYBY (INCREASING THE ACCURACY OF ALTITUDE MEASUREMENT USING AIRBORNE RADIOALTEMETER BY REDUCTION LEVEL ITS METHODICAL ERROR) [PDF](#)

Miloš SOTÁK

ZVÝŠENIE PRESNOSTI MERANIA VÝŠKY LETECKÉHO RÁDIOVÝŠKOMERA ZNÍŽENÍM ÚROVNE JEHO METODICKEJ CHYBY (INCREASING THE ACCURACY OF ALTITUDE MEASUREMENT USING AIRBORNE RADIOALTEMETER BY REDUCTION LEVEL ITS METHODICAL ERROR) [PDF](#)

Vojtech JURČÁK, Milan LABUZÍK

EURÓPSKA BEZPEČNOSTNÁ A OBRANNÁ POLITIKA VO SVETLE LISABONSKEJ ZMLUVY (EUROPEAN SECURITY AND DEFENSE POLICY IN THE LIGHT OF THE LISABON TREATY) [PDF](#)

Miroslav KELEMEN, Radovan SOUŠEK, Pavel NEČAS, Marián MESÁROŠ

SEKURITOLÓGIA V PROSTREDÍ LETECKEJ DOPRAVY PRE BEZPEČNOSŤ A OCHRANU OSÔB A MAJETKU (SECURITOLGY IN THE ENVIRONMENT OF AIR TRANSPORT FOR SECURITY AND PERSONAL AND PROPERTY PROTECTION) [PDF](#)

Miroslav KMOŠENA

INDIVIDUÁLNA BEZPEČNOSŤ AKO PSYCHOLOGICKÝ PROBLÉM (INDIVIDUAL SECURITY AS A PSYCHOLOGICAL PROBLEM) [PDF](#)

Mária MARTINSKÁ

SOCIÁLNE POZÍCIE A ROLY ŽIEN V OZBROJENÝCH KONFLIKTOCH A UDRŽIAVANÍ BEZPEČNOSTI A MIERU (SOCIAL POSITIONS AND ROLES WOMAN IN MILITARY CONFLICTS AND ACHIEVING SECURITY AND PEACE) [PDF](#)

Jozef MATIS

OZBROJENÉ SILY SLOVENSKEJ REPUBLIKY AKO TYP SOCIÁLNEJ ORGANIZÁCIE (SLOVAK ARMED FORCES AS A TYPE OF SOCIAL ORGANIZATION) [PDF](#)

Zdeněk MATOUŠEK, Jozef JAKUB, Pavel BUČKA, Mikuláš ŠOSTRONEK

TEORETICKÉ ASPEKTY ANALÝZY ELEKTROMAGNETICKÉHO VYŽAROVANIA MOBILNÝCH TELEFÓNOV (THEORETICAL ASPECTS OF ANALYSES OF MOBILE PHONES ELECTROMAGNETIC RADIATION) [PDF](#)

Jan NOVÁK, Radovan SOUŠEK, Miroslav KELEMEN

STANOVENÍ PÁSEM OHROŽENÍ ÚNIKY NEBEZPEČNÝCH LÁTEK Z PŘEPRAVY NEBEZPEČNÝCH LÁTEK A JEJICH MODELOVÁNÍ (ASSESSMENT AND MODELLING OF EXPOSURE ZONES BY TRANSPORT OF DANGEROUS MATTERS) [PDF](#)

Vladimír PITSCHMANN, Emil HALÁMEK, Zbyněk KOBLIHA, Ivana TUŠAROVÁ

DETERMINATION OF MUSTARDS IN AIR BY TRISTIMULUS COLORIMETRY [PDF](#)

Science & Military 2/2008

Ľubomír SEMANČÍK, Alojz BAJČI

VLASTNOSTI SINGULÁRNYCH HODNÔT MATICE OBRAZU (THE PROPERTIES OF SINGULAR VALUES OF IMAGE MATRIX) [PDF](#)

Marie RICHTEROVÁ

ORTHOGONAL TRANSFORMS FOR DIGITAL MODULATION CLASSIFIERS [PDF](#)

Miloš SOTÁK

ESTIMATION OF STOCHASTIC COEFFICIENTS OF INERTIAL SENSORS [PDF](#)

Miloš SOTÁK

APPLICATION OF WAVELET ANALYSIS TO INERTIAL MEASUREMENTS [PDF](#)

Štefan LYÓCSA

INCREASED UNCERTAINTY OF PROJECT'S COSTS IN A SEQUENTIAL PROJECT [PDF](#)

Peter BRÍDA, Radovan MATUŠÍK, Ján DÚHA

LOKALIZÁCIA V AD HOC SIĽACH POMOCOU TECHNOLOGIE BLUETOOTH (BLUETOOTH BASED POSITIONING FOR AD HOC NETWORKS) [PDF](#)

Pavel NEČAS

HOW TO COPE WITH TERRORISM: CALL FOR CHANGES [PDF](#)

Ľuboš AUGUSTÍN, Milan LEHOTSKÝ, Jozef ŠTULRAJTER

METÓDY LOKÁLNEHO PRAHOVANIA (LOCAL THRESHOLDING TECHNIQUES) [PDF](#)

Július BARÁTH, Marcel HAKAKAL

NOVÉ PRÍSTUPY V HODNOTENÍ SYSTÉMOV RIADENIA A VELENIA V PROSTREDÍ NNEC NEW APPROACHES TO EVALUATING COMMAND AND CONTROL SYSTEMS IN NNEC ENVIRONMENT [PDF](#)

Eva BAJČIOVÁ JUREČKOVÁ

VSTUPNÁ CHARAKTERISTIKA ŠTUDENTOV PRIJATÝCH NA AOS Z POHLADU UČITEĽOV FYZIKY (THE PHYSICS LECTURERS' ENTRY CHARACTERISTICS OF STUDENTS AT THE ACADEMY OF THE ARMED FORCES) [PDF](#)

Zdzisław MAŚLAK

TYPES AND FUNCTIONS OF INFORMATION IN AIR DEFENSE [PDF](#)

Miroslav HRUBÝ, Robert DRMOLA

NEC EDUCATION - FROM THE NATIONAL TO THE COALITION POINT OF VIEW [PDF](#)

Miloš OČKAY, Marcel HAKAKAL, Miroslav LÍŠKA

COMPUTE UNIFIED DEVICE ARCHITECTURE (CUDA) GPU PROGRAMMING MODEL AND POSSIBLE INTEGRATION TO THE PARALLEL ENVIRONMENT [PDF](#)

Milan SOPÓCI

ROZHODOVANIE A SYSTÉMY NA PODPORU ROZHODOVANIA VO VOJENSTVE (DECISION MAKING AND DECISION SUPPORT SYSTEMS IN MILITARY ENVIRONMENT) [PDF](#)

Zdeněk MATOUŠEK, Štefan ŠPIRKO

GRAFICKO-ANALYTICKÁ METÓDA POROVNANIA DOSAHOV RÁDIOLOKAČNÉHO KRYTIA (GRAPHIC – ANALYTIC METHOD FOR RADARS INTERCEPTION AREAS COMPARISON) [PDF](#)

Peter DROPPA, Samuel FILÍPEK

POROVNANIE A VYHODNOTENIE NÁTEROVÝCH SYSTÉMOV PRE ZNÍŽENIE TERMOVÍZNYCH PRÍZNAKOV VOJENSKEJ TECHNIKY (COMPARISON AND INTERPRETATION PAINTS SYSTEMS FOR DECREASING THERMOVISION INDICATIONS OF MILITARY TECHNIQUES) [PDF](#)

Norbert MAJER, Ján HARING, Peter POLOHA, Vladimír WIESER

MERANIE A SPRACOVANIE IMPULZOVEJ ODOZVY RADIOVÉHO KANÁLA POMOCOU ŠEŠŤ-BRÁNOVÉHO REFLEKTOMETRA (PULSE RESPONSE MEASUREMENT AND PROCESSING BY SIX-PORT REFLECTOMETER) [PDF](#)

Zdzisław MAŚLAK

GENESIS AND DEVELOPMENT OF INFORMATION SPHERE FOR AIR DEFENSE [PDF](#)

Stanislav FLORUS, Pavel OTRÍSAL

ZMĚNA OCHRANNÝCH VLASTNOSTÍ LEHKÉHO DEKONTAMINAČNÍHO ODĚVU TRF-4 PO JEHO MECHANICKÉM NAMÁHÁNÍ (A CHANGE OF THE PROTECTION PROPERTIES OF THE LIGHT DECONTAMINATION CLOTHES TRF-4 AFTER ITS MECHANICAL STRAINING) [PDF](#)

Janusz ROPSKI

INTERPERSONAL COMPETENCE IN COMMANDING [PDF](#)

Stanislav MORONG

LIMITY PODNIKATELSKÉHO ROZHODOVANIA V KRÍZOVÝCH A MIMORIADNYCH SITUÁCIÁCH (LIMITS OF BUSINESS DECISION MAKING IN PREDICAMENTAL AND UNCOMMON SITUATIONS) [PDF](#)

Jozef ŠTULRAJTER, Libuša GASIDLOVÁ

ROZHODOVACIE PROCESY V GEOGRAFICKÝCH INFORMAČNÝCH SYSTÉMOCH (ADJUDICATE OPERATIONS IN GEOGRAPHIC INFORMATION SYSTEM) [PDF](#)

Vladimír ŠEFČÍK, Tomáš SÁHA

TRANSFORMACE VEŘEJNÉ SPRÁVY A POPTÁVKA PO OBRANĚ (PUBLIC SERVICE TRANSFORMATION AND DEFENCE DEMAND) [PDF](#)

Ladislav ŠIMÁK, Vladimír MÍKA

ÚSKALIA ROZHODOVANIA V KRÍZOVÝCH SITUÁCIÁCH (TRAPS OF DECISION-MAKING IN CRISIS SITUATIONS) [PDF](#)

Zbyšek KORECKI, Zdeněk MÁLEK

MULTINATIONAL LOGISTICS SUPPORT AND NATO PLANNING PROCESS [PDF](#)

Soňa JIRÁSKOVÁ

**MOŽNOSTI UPLATŇOVANIA VYBRANÝCH MANAŽÉRSKYCH METÓD V REZORTE OBRANY SLOVENSKEJ REPUBLIKY
(IMPLEMENTATION OF MANAGERIAL METHODS IN THE SLOVAK ARMY) [PDF](#)**

Jozef TKÁČ, Štefan ŠPIRKO

**MODELOVANIE PRIESTORU RADAROVÉHO POKRYTIA A VPLYV RUŠENIA NA DOSAH RADARU (RADAR INTERCEPTION AREA
MODELLING AND JAMMING INFLUENCE ON THE RADAR RANGE) [PDF](#)**

Science & Military 2/2007

Dalibor BIOLEK, Viera BIOLKOVÁ, Zdeněk KOLKA

MODELING THE QUANTIZATION EFFECTS IN DIGITAL FILTERS VIA SPICEFAMILY PROGRAMS [PDF](#)

Ladislav BUŘITA

INTEROPERABILITA V INFORMAČNÍCH SYSTÉMECH (INTEROPERABILITY IN INFORMATION SYSTEMS) [PDF](#)

Marcel HAKAKAL, Lubomír DEDERA, Július BARÁTH

NEW FILTERS FOR DISCRETE WAVELET TRANSFORM IN THE JPEG2000 STANDARD [PDF](#)

Zdeněk KOLKA, Dalibor BIOLEK, Viera BIOLKOVÁ

ACCURATE SIMULATION OF SWITCHED SYSTEMS USING VHDL-AMS [PDF](#)

Ján KOLLÁR, Jaroslav PORUBÄN, Peter VÁCLAVÍK, Jana BANDÁKOVÁ, Michal FORGÁČ

SOFTWARE EVOLUTION FROM A META-LEVEL COMPILER PERSPECTIVE [PDF](#)

Miroslav LÍŠKA, Miloš OČKAY

GENERAL-PURPOSE COMPUTING ON GRAPHICS PROCESSING UNITS: NEW TRENDS FOR COMPUTATIONAL ACCELERATION [PDF](#)

Igor MOKRIŠ, Roman KRAKOVSKÝ
INFORMATION RETRIEVAL BY ART NEURAL NETWORKS [PDF](#)

Vladimír PŠENÁK, Vladimír WIESER
ANALÝZA PREDIKČNÝCH METÓD STAVU MOBILNÉHO RÁDIOVÉHO KANÁLA (ANALYSIS OF MOBILE RADIO CHANNEL PREDICTION METHODS) [PDF](#)

Radovan RIDZONĚ, Dušan LEVICKÝ
DRM BASED ON THE ROBUST DIGITAL WATERMARKING [PDF](#)

Jozef ŠTULRAJTER, Milan LEHOTSKÝ, Marcel HARAKAL
APLIKÁCIA MORFOLOGICKÝCH FILTROV V SUBPÁSMOVOM KÓDOVANÍ (THE APPLICATION OF MORPHOLOGICAL FILTERS IN SUBBAND CODING) [PDF](#)

Július BARÁTH, Ľubomír DEDERA, Marcel HARAKAL
NETWORK ACCESS CONTROL TECHNOLOGIES FOR SECURING INTERNAL NETWORKS [PDF](#)

Milan GOTTSTEIN
KVALITA SLUŽBY V IP SIEŤACH PRE MULTIMEDIÁLNE PRENOSY (QUALITY OF SERVICES IN THE IP NETWORKS FOR MULTIMEDIA COMMUNICATIONS) [PDF](#)

Jaroslav DOČKAL
AKTUÁLNÍ PROBLÉMY BEZPEČNOSTI IP TELEFONIE (CURRENT IP TELEPHONY SECURITY PROBLEMS) [PDF](#)

Ján HARING, Norbert MAJER, Peter POLOHA, Rudolf HRONEC
VYUŽITIE MIKROPÁSIKOVÉHO MENIČA FÁZY AKO NAPÁJAČA DYNAMICKY FÁZOVANEJ ANTÉNOVEJ SÚSTAVY (A MICROSTRIP PHASE SHIFTER AS AN DRIVEN ELEMENT OF DYNAMIC PHASED ARRAY) [PDF](#)

Marek HOVANEC, Martin MARKO
PREDIKČNÝ ALGORITMUS ŠÍRENIA ELEKTROMAGNETICKÝCH VLŔN PODĽA ODPORÚČANÍ ITU-R VHODNÝ NA IMPLEMENTÁCIU V INFORMAČNOM SYSTÉME (RADIO WAVE PROPAGATION PREDICTION ALGORITHM BASED ON ITU-R RECOMMENDATIONS SUITABLE FOR IMPLEMENTATION IN INFORMATION SYSTEM) [PDF](#)

Pavel MACH, Robert BESTAK
NETWORK ENTRY PROCEDURE IN WIMAX [PDF](#)

Aleš PROKEŠ

VLASTNOSTI OPTICKÝCH PÁSEM 850 nm A 1550 nm Z POHLEDU JEJICH VYUŽITÍ PRO BEZKABELOVÉ OPTICKÉ SPOJE
(PROPERTIES OF OPTICAL WAVELENGTHS 850 nm AND 1550 nm FROM VIEW OF THEIR USE FOR WIRELESS OPTICAL LINKS) [PDF](#)

Andrej LÚČ, Juraj HRABOVSKÝ, Michal HALUZA

ROZVOJ MODERNÍCH RÁDIOVÝCH SYSTÉMŮ S KMITOČTOVÝM SKÁKÁNÍM; INTEGRACE RÁDIOVÝCH SÍTÍ A LEKTRONICKÉHO BOJE V RÁMCI FH SYSTÉMŮ (DEVELOPMENT OF MODERN RADIO FREQUENCY HOPPING SYSTEMS; INTEGRATION OF RADIO NETWORKS AND ELECTRONIC WARFARE OF FH SYSTEMS) [PDF](#)

Science & Military 1/2007

Stanislav ŠVERHA.

SPIRITUALITA A VEDA (SPIRITUALITY AND SCIENCE) [PDF](#)

Maksim KLREISTEN, Vlado KOMPIŠ, David HUI, G. TOMLINSON, L. BOCHKAREVA, S. LURIE

МОДЕЛИРОВАНИЕ НАНОРАЗМЕРНЫХ ЭФФЕКТОВ В НАНОКОМПОЗИТАХ И ИХ ПРИМЕНЕНИЕ В ВОЕННОЙ ТЕХНИКЕ
(MODELLING OF NANOSCALE EFFECTS IN NANOPARTICLE-REINFORCED MATERIALS AND MILITARY APPLICATIONS) [PDF](#)

Ferdinand CHOVANEC, Mária JUREČKOVÁ

QUANTUM THEORY BASED ON FUZZY SETS [PDF](#)

Radoslav FORGÁČ, Igor MOKRIŠ

FOUNDATIONS OF IMAGE RECOGNITION BY PULSE COUPLED NEURAL NETWORKS [PDF](#)

Ľubomír ČECH

AFGANISTAN – FAKTY A SÚVISLOSTI (AFGHANISTAN – FACTS AND CONNECTIONS) [PDF](#)

Miroslav JANOŠEK

THE POSSIBILITIES OF SIMULATION OF A FIGHTER PLANES FLIGHT DURING THE ATTACK OF AN AIR TARGET [PDF](#)

Leszek Fryderyk KORZENIOWSKI

SECURITOLOGY AS A SCIENTIFIC DISCIPLINE. THE CONCEPT OF SAFETY [PDF](#)

Jaroslava KUBÁTOVÁ

SECURITY OF TELEWORK [PDF](#)

Miroslav LISOŇ, Jozef METEŇKO

AKTIVITY KRIMINÁLNÝCH SKUPÍN NA ÚZEMÍ SLOVENSKEJ REPUBLIKY (CRIME GROUPS ACTIVITIES ON THE SLOVAK REPUBLIC TERRITORY) [PDF](#)

Ján PILLÁR

ANALÝZA PROCESU STRATEGICKÉHO MANAŽMENTU (STRATEGIC MANAGEMENT PROCESS ANALYSIS) [PDF](#)

Vladimír PITSCHMANN, Emil HALÁMEK, Zbyněk KOBLIHA

SIMPLE DETECTION OF ADAMSITE BASED ON SUBSTITUTION-TYPE REACTIONS [PDF](#)

Bedřich SEDLÁK, Petr HARAŠTA

POŽADAVKY NA ZÁKLADNÍ UŽITNÉ VLASTNOSTI PŘIPRAVOVANÉHO TĚŽKÉHO BOJOVÉHO STEJNOKROJE ARMÁDY ČESKÉ REPUBLIKY (REQUIREMENTS FOR BASIC MANUFACTURE QUALITIES OF THE CZECH ARMY'S DEVELOPED HEAVY COMBAT UNIFORM) [PDF](#)

Science & Military 2/2006

Beloslav RIEČAN

MATEMATIKA A VYSOKÉ ŠKOLY (MATHEMATICS AND UNIVERSITIES) [PDF](#)

Alojz BAJČI

NÁVRH NOVÉHO KAMUFLÁŽNEHO VZORU PRE POĽNÉ ODEVY VOJAKOV OZBROJENÝCH SÍL SLOVENSKEJ REPUBLIKY (DESIGN OF A NEW CAMOUFLAGE PATTERN FOR COMBAT SUITS IN THE ARMED FORCES OF THE SLOVAK REPUBLIC) [PDF](#)

Libor FRANK

SEKURITIZACE BEZPEČNOSTNÍCH HROZEB V ČESKÉ SPOLEČNOSTI (SECURITIZATION OF SECURITY THREATS WITHIN THE CZECH SOCIETY) [PDF](#)

Josef JANOŠEC

DISKUZE ZÁKLADNÍCH PROBLÉMŮ BEZPEČNOSTNÍ VĚDY (DISCUSSION ABOUT FUNDAMENTAL PROBLEMS OF SECURITY SCIENCE) [PDF](#)

Stanislav JUREČKA, Emil PINČÍK, Róbert BRUNNER

COMPARISON OF OPTICAL MODELS FOR THIN FILM SYSTEM OPTICAL PARAMETERS DETERMINATION [PDF](#)

Eva BAJČIOVÁ JUREČKOVÁ

NÁZORY ŠTUDENTOV NA VYUČOVANIE A HODNOTENIE BAKALÁRSKEJ FYZIKY NA AKADÉMII OZBROJENÝCH SÍL GENERÁLA M. R. ŠTEFÁNKA V AKADEMICKOM ROKU 2004/2005 (THE STUDENTS' ATTITUDES TO THE TEACHING AND EVALUATING THE COURSE OF PHYSICS FOR BACHELORS AT THE ACADEMY OF THE ARMED FORCES OF GENERAL M. R. ŠTEFÁNIK IN THE ACADEMIC YEAR 2004/2005) [PDF](#)

Ján BUZALKA

NIEKTORÉ OTÁZKY TRANSFERU VEDECKÝCH POZNATKOV BEZPEČNOSTNÝCH VIED DO BEZPEČNOSTNEJ PRAXE (SOME QUESTIONS OF THE TRANSFER OF SCIENTIFIC KNOWLEDGE OF SECURITY SCIENCES INTO SECURITY PRACTICE) [PDF](#)

Peter DROPPA

NÁVRH ÚPRAV PÁSOVÉHO MECHANIZMU PRE TICHÚ PREVÁDZKU (PROPOSAL OF TRACK MECHANISM ADJUSTMENTS FOR SILENT OPERATION) [PDF](#)

Peter DROPPA, Ivan SUSEDÍK

MILITARY UNIT AND BULK HANDLING SYSTEM AND THERMOVISION [PDF](#)

Štefan HITTMÁR

ANALÝZA NIEKTORÝCH VŠEOBECNÝCH MODELOV MANAŽMENTU V GLOBALIZUJÚCEJ SA SPOLOČNOSTI (THE ANALYSIS OF SEVERAL COMMON MODELS OF MANAGEMENT IN GLOBALIZED SOCIETY) [PDF](#)

Mariana KUFFOVÁ, Mário ŠTIAVNICKÝ

SIMULÁCIA ŠÍRENIA ÚNAVOVEJ TRHLINY V MIKROŠTRUKTÚRE VYUŽITÍM KONEČNOPRVKOVÉHO SOFTVÉRU ADINA (SIMULATION OF FATIGUE CRACK PROPAGATION IN THE MICROSTRUCTURE BY FINITE – ELEMENTS SOFTWARE ADINA) [PDF](#)

Vladimír PITSCHMANN, Zbyněk KOBLIHA, Emil HALÁMEK, Ivana TUŠAROVÁ

TŘÍDIMENZIONÁLNÍ KOLORIMETRICKÉ STANOVENÍ CHLORU V OVZDUŠÍ (TRISTIMULUS COLORIMETRIC DETERMINATION OF CHLORINE IN AIR) [PDF](#)

František ŠKVRNDA

SEKURITOLÓGIA AKO INTERDISCIPLINÁRNY PREDMET (SECURITOLOGY AS A MULTISPECIALITY THEME) [PDF](#)

Science & Military 1/2006

Vladimír JANEČEK

VOJENSKÉ VZDELÁVANIE A VEDA (MILITARY EDUCATION AND SCIENCE) [PDF](#)

Pavol HAMAJ, Miroslav KMOŠENA

**UTVÁRANIE A ZMENY ŠTÝLOV UČENIA ŠTUDENTOV AKADÉMIE OZBROJENÝCH SÍL GENERÁLA M. R. ŠTEFÁNKA
V LIPTOVSKOM MIKULÁŠI (FORMING AND CHANGING TEACHING STYLES TO STUDENTS OF THE ACADEMY OF THE ARMED
FORCES OF GENERAL M. R. ŠTEFÁNIK IN LIPTOVSKÝ MIKULÁŠ) [PDF](#)**

Petr MAREK, Alena LANGEROVÁ

**PROGRAM FUNDING IN RELATION TO PROPERTY PROCUREMENT WITHIN THE MINISTRY OF DEFENCE OF THE CZECH
REPUBLIC [PDF](#)**

Pavel NEČAS, Stanislav SZABO, Pavel BUČKA

CRISIS MANAGEMENT AND SECURITY IN SIMULATION ENVIRONMENT [PDF](#)

Anatolij DVUREČENSKIJ

QUANTUM STRUCTURES, HILBERT PROBLEMS AND MILITARY ACADEMY IN LIPTOVSKÝ MIKULÁŠ [PDF](#)

Eva DROBNÁ, Ferdinand CHOVANEC, Iveta MOLNÁROVÁ, Emil ONDIS

**PROGNOSTICKÁ HODNOTA PRIJÍMACÍCH SKÚŠOK PRE ÚSPEŠNOSŤ ŠTÚDIA NA AOS (PROGNOSTIC VALUE OF ENTRANCE
EXAMINATION FOR SUCCESSFUL STUDY AT THE ACADEMY OF ARMED FORCES) [PDF](#)**

Emil ONDIS, Ľubomír MYDIELKA

TELESCOPING SERIES [PDF](#)

Marie RICHTEROVÁ

**KLASIFIKÁTOR DIGITÁLNIH MODULACÍ ZALOŽENÝ NA BÁZI OPTIMÁLNIH HODNOT KLÍČOVÝH PŘÍZNAKŮ
(DIGITAL MODULATION RECOGNIZER BASED ON OPTIMUM KEY FEATURES THRESHOLD VALUES) [PDF](#)**

Miroslav LÍŠKA, Ján PELÁN

GRID COMPUTING ARCHITECTURE I [PDF](#)

Jozef ŠTULRAJTER, Milan LEHOTSKÝ, Ľuboš AUGUSTÍN

**STROMOVÉ ŠTRUKTÚRY BÁNK IIR FILTROV V SUBPÁSMOVOM KÓDOVANÍ OBRAZOV (TREE STRUCTURE IIR FILTER BANKS IN THE
IMAGE SUBBAND CODING) [PDF](#)**

Ľuboš AUGUSTÍN, Milan LEHOTSKÝ, Jozef ŠTULRAJTER

IMAGE THRESHOLDING BASED ON SPATIAL INFORMATION OF OBJECT AND BACKGROUND PIXELS [PDF](#)

Miroslav KELEMEN

GLOBÁLNE PRINCÍPY A KRITÉRIÁ SITUAČNÉHO RIADENIA INTEGROVANEJ LETOVEJ PRÍPRAVY A VÝCVIKU PILOTOV (GLOBAL PRINCIPLES AND CRITERIA OF SITUATIONAL CONTROL OF INTEGRATED FLIGHT PREPARATION AND PILOT'S TRAINING) [PDF](#)

Sandor MUNK

CONCEPT AND NECESSITY OF ADAPTIVE INTEROPERABILITY IN CASE OF MILITARY IT SYSTEMS [PDF](#)

Milan SOPÓCI

ELEKTRONICKÁ VOJNA, ELEKTRONICKÝ BOJ A PROSTRIEDKY PVO (ELECTRONIC WAR, ELECTRONIC WARFARE AND MEANS OF AIR DEFENCE) [PDF](#)

Ladislav HOFREITER

SECURITY AND SECURITOLOGY [PDF](#)