Linda Makovicka Osvaldova - Miroslav Gasparik Javier Ramon Sotomayor Castellanos - Frank Markert Patricia Kadlicova - Hana Cekovska

EFFECT OF THERMAL TREATMENT ON SELECTED FIRE SAFETY FEATURES OF TROPICAL WOOD

8

Veronika Brabcova - Simona Slivkova - David Rehak Fulvio Toseroni - Jan Havko ASSESSING THE CASCADING EFFECT OF ENERGY AND TRANSPORT CRITICAL INFRASTRUCTURE ELEMENTS: CASE STUDY

16

Maria Hudakova - Jan Dvorsky - Katarina Buganova Ludmila Kozubikova ANALYSIS AND EVALUATION OF MARKET AND FINANCIAL RISKS IN SMALL AND MEDIUM-SIZED ENTERPRISES

$\mathbf{23}$

Lucia Figuli - Vladimir Kavicky - Stefan Jangl Zuzana Zvakova COMPARISON OF THE EFFICACY OF HOMEMADE AND INDUSTRIALLY MADE ANFO EXPLOSIVES AS AN IMPROVISED EXPLOSIVE DEVICE CHARGE

$\mathbf{28}$

Jiri Pokorny - Vladimir Mozer - Lenka Malerova Dagmar Dlouha - Peter Wilkinson A SIMPLIFIED METHOD FOR ESTABLISHING SAFE AVAILABLE EVACUATION TIME BASED ON A DESCENDING SMOKE LAYER

35

Stanislav Lichorobiec - Lucia Figuli DEVELOPMENT AND TESTING OF RESCUE DESTRUCTION CHARGES FOR THE DEMOLITION OF STATICALLY UNSTABLE BUILDINGS Bohus Leitner - David Rehak - Robertas Kersys THE NEW PROCEDURE FOR IDENTIFICATION OF INFRASTRUCTURE ELEMENTS SIGNIFICANCE IN SUB-SECTOR RAILWAY TRANSPORT

49

Ladislav Janosik - Ivana Janosikova - Pavel Polednak THEORETICAL CALCULATIONS OF ECONOMIC LIFE OF FIREFIGHTING APPLIANCES BASED ON CHASSIS TATRA IN THE SOUTH MORAVIAN REGION

56

Lenka Sivakova - Anna Zubkova - Witalis Piellowski APPLICATION OF A PRIORI AND A POSTERIORI ESTIMATE ON RISK ASSESSMENT

62

Maria Luskova - Michal Titko - Alan O'Connor SOCIETAL VULNERABILITY TO IMPACTS OF EXTREME WEATHER EVENTS ON LAND TRANSPORT INFRASTRUCTURE

68

Andrej Velas - Tomas Lovecek - Jan Valouch Jacek Dworzecki - Eva Vnencakova TESTING RADIO SIGNAL RANGE OF SELECTED COMPONENTS

78

Zuzana Kurillova - Lukas Fischer - Thomas Hoch BEHAVER - BEHAVIOURAL PATTERNS VERIFICATION FOR PREVENTION OF PHYSICAL PENETRATION USING IDENTITY THEFT

83

Zoran Cekerevac - Zdenek Dvorak - Ludmila Prigoda Petar Cekerevac HACKING, PROTECTION AND THE

CONSEQUENCES OF HACKING

Marcin Paweska - Jozef Ristvej LOGISTICS DURING POPULATION AND ANIMALS EVACUATION IN CASE OF EXTRAORDINARY INCIDENTS AND CRISIS EVENTS

96

Martin Boros - Anton Siser - Zoran Kekovic - Jan Mazal MECHANICAL CHARACTERISTICS OF CYLINDER PIN TUMBLER LOCKS AS THEY RELATE TO RESISTANCE TESTING

110

Petr Hruza RESILIENCE AND PROTECTION OF CRITICAL INFORMATION INFRASTRUCTURE

115

Pawel Gromek INTRODUCTION TO VOLUNTARY EVACUATION RISK ASSESSMENT

121

Sarka Krocova - Karla Barcova CHECKING THE HYDRAULIC EFFICIENCY AND IMPROVING SAFETY OF THE INTERNAL WATER SUPPLY

102

Valeria Moricova - Monika Vaclavkova - Jana Studena Bo Wang A SOFTWARE TOOL TO SUPPORT THE SELECTION OF CANDIDATES IN PRIVATE SECURITY SERVICES