

## Contents

Ján Danko, Vladimír Staňák, Martin Bugár

<b><u>OPTIMAL CONTROL STRATEGY OF TRACKED INFANTRY FIGHTING VEHICLE HYBRID POWERTRAIN</u></b> .....	<b>5</b>
---	----------

Tomasz Smal

<b><u>BATTLEFIELD MAINTENANCE REGULATIONS IN THE ALLIED COMBAT OPERATIONS</u></b> .....	<b>11</b>
---	-----------

Lukasz Szmit, Ryszard Wozniak

<b><u>SPECIFICITY OF DESIGN AND ACTION OF THE WEAPON'S JUMP AND RECOIL LABORATORY TEST STAND</u></b> .....	<b>16</b>
--	-----------

Peter Lisý, Henrich Kelemen, Emil Hrivňák

<b><u>NOISE LOADING OF CREW AND INDIVIDUALS</u></b> .....	<b>23</b>
---	-----------

Mikuláš Monoši, Ladislav Jánošík, Martin Pika

<b><u>OPERATIONAL RELIABILITY DETECTION OF SELECTED MOBILE TECHNOLOGY</u></b> .....	<b>30</b>
---	-----------

Václav Talhofer, Šárka Hošková-Mayerová, Alois Hofmann, Vlastimil Kratochvíl

<b><u>RELIABILITY OF FINDING THE MOST BENEFICIAL ROUTE</u></b> .....	<b>36</b>
--	-----------

František Bartko

<b><u>HOLISTIC ANALYSIS OF THE MILITARY DISTRICT UNITS DISASTER RELIEF EFFORTS</u></b> .....	<b>40</b>
--	-----------

Antoni Krauz, Antoni Olak

<b><u>CRISIS SITUATIONS THE MUNICIPAL TEAM MANAGEMENT APPROACH CRISIS – OVERVIEW OF THE PROBLEM</u></b> .....	<b>43</b>
---	-----------

Štefan Čorňák, Vladimír Horák, Zdeněk Chládek, Jan Ulman

<b><u>THE EVALUATION OF AIR QUALITY IN MILITARY VEHICLES</u></b> .....	<b>50</b>
--	-----------

Norbert Adamec, Mário Štiavnický, Vladimír Bella

<b><u>CHANGE IN SHAPE OF FRACTURE SURFACE OF C15E MATERIAL AFTER HEAT TREATMENT</u></b> .....	<b>55</b>
---	-----------

Oleksandr I. Lysenko, Inga V. Uryadnikova, Stanislav V. Valuiskeyi, Inna O. Nechyporenko

<b><u>A METHOD OF CONTROLLING THE TOPOLOGY OF AERIAL REPEATERS NETWORK TO IMPROVE STRUCTURAL INFORMATION CONNECTIVITY OF WIRELESS AD HOC NETWORKS</u></b> .....	<b>62</b>
---	-----------

Alojz Šteiner

<b><u>15 YEARS OF SLOVENIAN ARMED FORCES' PARTICIPATION IN MULTINATIONATIONAL OPERATIONS AND MISSIONS</u></b> .....	<b>71</b>
---	-----------

Ionica Circiu, Stefan Mircea Mustata

<b><u>ASPECTS IN OBTAINING NEW MULTI-LAYER STRUCTURES USING NONCONVENTIONAL METHODS</u></b> .....	<b>78</b>
---	-----------

Jan Furch

<b><u>DESIGN TELEMAINTENANCE IN THE ARMY OF THE CZECH REPUBLIC</u></b> .....	<b>82</b>
--	-----------

Jan Furch, Josef Glos, Ondřej Razým

<b><u>TECHNICAL CONDITION DETECTION OF AIR TANKS IN THE ARMY OF THE CZECH REPUBLIC</u></b> .....	<b>87</b>
--	-----------

Vlastimil Neumann, Štefan Čorňák

<b><u>THERMAL STRESS SOLUTION OF A VEHICLE BRAKE SYSTEM</u></b> .....	<b>93</b>
---	-----------

Gábor Erdei

<b><u>FRENCH EXAMPLE ON THE MECHANISM OF ORGANIZED METAL THEFT WITHOUT FRONTIERS</u></b> .....	<b>100</b>
--	------------