

TABLE OF CONTENTS

EMERGING AND DISRUPTIVE TECHNOLOGIES' IMPACT ON GLOBAL SECURITY

1. THE IMPACT OF EMERGING AND DISRUPTIVE TECHNOLOGIES
ON SECURITY
Ion OPRIȘOR.....261

MILITARY ART AND SCIENCE

1. ARTIFICIAL INTELLIGENCE AS A DECISION MAKING TOOL
FOR MILITARY LEADERS
Alexandru BABOȘ.....269
2. CONSIDERATIONS ON COUNTERING THE ACTIONS AIMED AT BANNING
ACCESS AND RESTRICTING FREEDOM OF ACTION (A2AD)
Ionuț Alin CÎRDEI
Lavinia BOJOR.....274
3. IMPACT OF DISRUPTIVE TECHNOLOGIES ON DEFENCE
Teodor FRUNZETI
Liviu COȘEREANU
Tiberius TOMOIAGĂ.....282
4. THE INFLUENCE OF DISRUPTIVE TECHNOLOGIES
IN THE FIELD OF DEFENSE
Ileana METEA288

5. QUANTUM INTERNET AND SECURITY OF MILITARY COMMUNICATIONS <i>Florin POPESCU</i> <i>George BUCĂȚA</i> <i>Sorin PISTOL</i>	293
6. EMERGING TECHNOLOGIES: INNOVATION, DEMASSIFICATION, EFFECTIVENESS, REVOLUTIONS IN MILITARY AFFAIRS <i>Mircea UDRESCU</i> <i>Eugen SITEANU</i>	299
7. THE POTENTIAL IMPACT OF THE 4 TH INDUSTRIAL REVOLUTION TECHNOLOGIES ON REVOLUTIONIZING THE NATO LAND FORCES <i>Paul TUDORACHE</i> <i>Aurelian RAȚIU</i>	309
8. THE CHALLENGES OF SIMULATION TRAINING OF THE TROOPS IN THE CONTEXT OF THE EMERGING TECHNOLOGIES <i>Cristian ȚECU</i> <i>Sorin PÎNZARIU</i>	316
9. IMPACT OF WEATHER CHANGE TECHNOLOGIES ON GLOBAL SECURITY <i>Olena SHEVCHENKO</i> <i>Kira HORIACHEVA</i>	321
10. PREDICTION OF THE EDT TRENDS – NATIONAL AND SUPRANATIONAL ACTIVITIES <i>Mladen VIHER</i> <i>Marijan PALJEVIĆ</i> <i>Dalibor GERNHARDT</i>	328
11. APPLICATIONS OF AUGMENTED REALITY TECHNOLOGY IN THE MILITARY EDUCATIONAL FIELD <i>Ioan VIRCA</i> <i>Ghiță BÂRSAN</i> <i>Romana OANCEA</i> <i>Claudiu VESA</i>	337

SOCIAL-BEHAVIOURAL SCIENCES

1. STRATEGIES AND POLICIES FOR NEW TECHNOLOGIES: THE UNITED NATIONS, THE UNITED STATES AND THE EUROPEAN UNION
Alina ALEXANDRU.....348

2. AN EDTS PERSPECTIVE ON THE SOCIAL SECURITY IN ACADEMIA
Mădălina-Ioana BĂDILĂ
Lucian-Ionel CIOCA
Ioan VIRCA.....356

3. REFLECTIONS ON THE ROLE OF HIGHER EDUCATION INSTITUTIONS IN INTRODUCING EMERGING TECHNOLOGIES INTO THE EDUCATIONAL PROCESS IN THE FACE OF THE PANDEMIC CHALLENGE COVID-19
George BUCĂȚA363

4. THE TRANSPERSONAL WAR – CONSTITUENT OF THE HYBRID WAR
Aliodor MANOLEA.....372

5. EMERGING AND DISRUPTIVE TECHNOLOGIES
Ion Alexandru PLĂVICIOSU.....377

6. HYBRID EMERGING AND DESTRUCTIVE TECHNOLOGIES WITH IMPLICATIONS ON NATIONAL AND EUROPEAN SECURITY AND SOVEREIGNTY
Mircea UDRESCU
Eugen SITEANU383

MANAGEMENT AND ECONOMICS

1. COULD VIRTUAL CURRENCIES REPLACE CLASSIC MONEY AND INFLUENCE THE ACTIVITIES OF BANKS?
Alexandru-Cosmin DUMITRU395

2. THE POTENTIAL OF VIRTUAL CURRENCIES TO CONTRIBUTE TO THE WELFARE OF INDIVIDUALS AND THE GLOBAL ECONOMIC DEVELOPMENT
Alexandru-Cosmin DUMITRU401

3. THE MULTIDIMENSIONAL IMPACT ON SOCIETY OF CYBER ATTACKS TARGETING THE ENERGY CRITICAL INFRASTRUCTURE SECTOR <i>Anca DINICU</i> <i>Romana OANCEA</i> <i>Ghiță BÂRSAN</i>	406
4. THE BANKING FINANCIAL SYSTEM AS A CRITICAL INFRASTRUCTURE OF THE CURRENT AND FUTURE SOCIETY <i>Laurențiu Mihail GRIGORE</i>	418
5. EMERGING TECHNOLOGIES AND NATIONAL SECURITY: THE IMPACT OF IoT IN CRITICAL INFRASTRUCTURES PROTECTION AND DEFENCE SECTOR <i>Petrișor PĂTRAȘCU</i>	423