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**ASPECTS OF LOCAL COMMUNITIES SECURITY IN HYBRID WARFARE**

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**ABSTRACT**

*Achieving human security means creating a globe, an imaginary sphere of stability, within which people can exercise their options safely and freely, without the fear that the opportunities of the present will be lost tomorrow or in the near future. This protection environment must reach the level of the individual, the family and the community to which he belongs because ensuring security at national or regional level is insufficient as it fails to eliminate the range of internal threats, increasingly frequent within the current security architecture. The achievement of a stable environment is the responsibility of the nation the citizen is part of, of the state and of the institutions that this has created in order to become a guarantor of fundamental individual rights.*

**MERCOSUR, THE COMMON MARKET OF THE SOUTH - ECONOMY AND SECURITY**

*Gheorghe CALOPAREANU*  
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**ABSTRACT**

*The idea of security in areas such as South America, South Africa or even Southern Asia differs fundamentally from the perception of the Western countries on the same issue. The security aspects in these regions envisage mainly threats of an internal nature and to a lower degree threats from outside national borders. The security implications for them mean to secure some essential systems such as to ensure food and healthcare for the population, trade and development, aspects that are closely connected. All these issues represented and still represent challenges to which the countries involved rarely find adequate solutions. Organizations such as MERCOSUR (Mercado Común del Sur, in Spanish) in Latin America, ASEAN (The Association of Southeast Asian Nations) in Southern Asia and SADC (Southern African Development Community) in South Africa are organizations that can decisively contribute to the improvement of relations between the states they represent and, at the same time, to provide security to the regions for which they were created.*

**CLIMATE CHANGE AND ENVIRONMENTAL DEGRADATION - THREATS OR CHALLENGES TO HUMAN SECURITY**

*Alin CÎRDEI*  
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**ABSTRACT**

*Climate change highlights the many challenges and threats to national security, international stability and human security. Climate change should be treated with due care because they are potentially more destructive than any other threat facing humanity. Casualties and material damage caused by extreme environmental events put in the shade most violent terrorist attacks and is the greatest challenge to human security, because at this point no one and nothing can protect us from the fury of nature unleashed. To minimize the impact of climate change on human security we should act in two directions: limiting the destructive effect of human actions on the environment*

*and preparing the entire society to meet new threats by putting in place effective resilience strategies.*

## **REFERENCE POINTS FOR OPTIMIZING THE DOCTRINARY SYSTEM OF UNIFORM MILITARY THOUGHT IN THE ROMANIAN ARMY**

*Aurelian RATIU*

**pg. 263**

### **ABSTRACT**

*The process of transforming military organisms has implications in every field, including the doctrinaire system.*

*The content of the doctrinaire system embodies a theory based upon a strategic thinking and through which strategies, principles, procedures, rules and methods of applying the decisions are elaborated. In practice, one of the most important functions of the doctrinaire system is that of ensuring unity of concept.*

*Building a doctrinary System of uniform military thought, in times of confrontations with an increased level of complexity, when military forces become joint multinational organisms, and the politico-military leadership must integrate the actions of all sources and instruments of power, is a true challenge.*

## **CORRELATION SURPRISE - STRATEGIC OFFENSIVE OPERATION**

*Gheorghe UDEANU*

**pg. 271**

### **ABSTRACT**

*The process of thorough analysis of art history reveals continuing military modernization and adaptation through reconfiguration of the devices' operational structure, so as to be consistent with the strong influence exerted on them by new types of military equipment and weapons, entered the time in equipping troops.*

*Although the war as a social phenomenon is generally characterized by the existence millennia, its detailed study sets up the idea that a relatively small number – tens – of battles led to really significant leaps in the evolution of military art. Of course, these armed conflicts, which are true models of analysis for specialists in the field being studied from various perspectives in all policy schools around the world, were preceded, overlapped and completed by clever maneuvers, the offensive course having surprising and decisive effects.*

## **SOCIAL-BEHAVIOURAL SCIENCES**

### **EDUCATION FOR SUSTAINABILITY IMPLEMENTATION IN KNOWLEDGE-BASED ORGANIZATIONS**

*Ghita BARSAN*

*Vasile NASTASESCU*

*Vlad-Andrei BARSAN*

**pg. 283**

### **ABSTRACT**

*Today, the problems concerning environmental, social and economic matters are increasing, and education is considered critical to solving these issues on the sustainable development. This paper seeks to identify the awareness of the concept of sustainability among the employers in Sibiu. The first part shows the actions of the international community for sustainability, theoretical concepts, models, objectives and outlines the essential conditions that determine the success of sustainability international initiatives. Then I'll address the problem at a national level, critically analyzing the state's initiatives and actions regarding sustainability and the last part of the paper consists of a research regarding sustainability on the employers in Sibiu. Finally the research findings and*

*recommendations to enhance employee's or future employee's knowledge regarding sustainable development are outlined.*

## **EFFECTS OF THE RELIGION UPON THE DEMOCRATIC AFFIRMATION OF MUSLIM WOMEN**

*Georgeta CHIRLESAN*

*Adelina CIRNEANU*

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### **ABSTRACT**

*The paper presents the reflections on the Muslim ethics on social level and on the way in which the Muslim society "oscillates" between modernization and preservation of Islamic fundamental values. The stress is laid on the way the Muslim ethics derives from Islam, on the elements and principles of social functioning resulting from the Muslim ethics. The paper emphasizes the modernist trends of the Muslim world and makes a brief presentation of the Muslim societies today: laic, moderate and fundamentalist, focusing upon the Muslim women in search of their own identity within the current context.*

## **TERRORIST'S PERSONALITY. CRUELTY AND SELF-CONTROL INTROSPECTION**

*Nicolae RADU*

**pg. 296**

### **ABSTRACT**

*If until recently, terrorism was only in the foreground, and Osama bin Laden mean expression of absolute evil, from day to day, we find that the world is faced with other more serious problems, such as poverty, intolerance conflicts in the Middle East. Given that Tunisia is in complete chaos, Egypt has already counted hundreds of dead and dozens injured, and the Arab world simmers in Syria, there were quite many voices that have wondered: Where is Osama Bin Laden? One thing is certain: Osama bin Laden became a brand, a symbol of anger for the Moslem world. Be it Al-Qaeda or White Al-Qaeda in Bosnia, whether the Moslem Brothers, all our attention is drawn towards the terrorists' personality, nevertheless as it is well known that not anyone can be a terrorist, as well as not everyone can combat terrorism.*

## **MANAGEMENT AND ECONOMICS**

### **THE MANAGEMENT OF THE FINANCIAL CONTROL AND OF THE AUDIT ACTIVITIES CONDUCTED BY THE ROMANIAN COURT OF ACCOUNTS**

*Elena-Carmen BRAGADIREANU*

**pg. 302**

### **ABSTRACT**

*Some almost twenty years as of the re-establishment the Romanian Court of Accounts, though significant progress was made, the institutional modernization and harmonization process takes time and involves participation of all those that have a word to say or that can influence transformation in the sense of making more efficient the activity conducted by an institution with competences established by the fundamental law, the Constitution of Romania [1], respectively the Romanian Court of Accounts.*

*Given the current stage of Romania, the Romanian Court of Accounts has a series of priorities, in point of tendencies and objectives, consisting in the continuation of the strengthening of the institutional capacity and of the operational, organizational and financial independence, as well as of the enhancement of its prestige. The unfolding of the audit should aim at the improvement of the managerial and administrative capacity, at the increase of transparency relating to budget funds, as well as community funds used by public entities under the control/audit competence of the Romanian Court of Accounts. All these may be achieved based on an efficient coordination and management of the institution activity. The management of the financial control and audit activities*

*conducted within the Romanian Court of Accounts is an attribution at the charge of the plenum, according to law [2].*

## **EUROPEAN IDENTITY AND SOCIAL PARTNERSHIP**

*Elitsa Petrova STOYANOVA*

**pg. 309**

### **ABSTRACT**

*Subject of the study is to accept actions to promote a new European identity, increased social activity and to encourage the social partnership between member states of the European Union. The main goal of the study is to justify the need of cooperation between partners at national and international level to build a new European supranational identity of citizens in contemporary Europe by strengthening their social activity.*

*The paper has the following structure:*

- a. brief justification for the need to consider the problem (an introduction to the problem);*
- b. clarify the concepts of “European identity”, “social activity” and “social partnership”;*
- c. presentation of the methodology of implementation of social partnership;*
- d. propose specific actions and guidelines to implement a concept of promoting acceptance a new European identity, increase social activity and encourage social partnership between member states of the European Union;*
- e. conclusions.*

## **AN OVERVIEW OF THE POSSIBLE STRATEGIES IN VENTURE CAPITAL INVESTMENTS IN POST-TURBULENCE PERIODS**

*Gabriela PRELIPCEAN*

*Mircea BOSCOIANU*

**pg. 315**

### **ABSTRACT**

*Invention and innovation could represent an important vector for sustaining the recovery after de crisis in emerging economies, but the actual status of these economies limits dramatically the liquidity and the governmental support for innovation.*

*In this case, Venture Capital should play a new role in funding innovation and R&D. In emerging markets investors avoid long term investments and look for short term leverage and liquidity. Venture capitalist focus on high returns at acceptable risk and avoids early stages, because of uncertainty regarding the technology and later stages where returns are diminished.*

*An analysis of the treatment of uncertainty on Venture Capital investments but also the consequences and implications of these results are presented.*

## **TECHNICAL SCIENCES**

### **NEW DECISION FUSION METHODS FOR SKIN DETECTION IN COLOR IMAGES**

*Romana OANCEA*

*Cristian MOLDER*

*Stefania KIFOR*

**pg. 321**

### **ABSTRACT**

*The paper presents some methods for the classification of skin pixels from color images, based on skin models in different color space -normalized RGB, YCbCr, HSV and YES. Segmentation of skin region can be achieved by parametric techniques, non- parametric and by explicit thresholds. The results depend directly on the set of skin pixels. Depending on the context of image and its characteristics, best results were obtained with Bayesian classification.*

*Fusion of individual results has led to improved detection rate. The first fusion rule - each of the candidate images is projected on the four color spaces and then skin is detected using one of the*

*decision rules according to the chosen skin model. In the same time, image characteristics such as average interest region and average background are extracted. Second fusion rule takes into account edge detection information in order to determine the regions which may separate the face skin to the background.*

## **THE CALCULUS OF MILITARY CONSTRUCTIONS TO SHOCK**

*Dumitru MATAHALA*

**pg. 329**

### **ABSTRACT**

*The classic means of destruction can action over the defense work by shock as well as by mechanic work of the energy issued because of explosive transformation of the active charges. To these actions are also added: the caloric effect, the biological effect etc.*

*From the point of view of resistance structure calculus, the fortification works, compared to other constructions have a distinct particularity, namely, that the basic stressing loads represent dynamic loads resulted from their action over the destruction means. Therefore, the basic load will be the dynamic action under the shape of the resulted impact of striking those with projectiles and bombs.*

*The elements of resistance structure behave to the dynamic actions, as some oscillatory systems whose vibrant parameters reach certain values determine loss of stability and even the destruction of resistance elements. The characterization of the effect witch a dynamic action determines over an elastic system is made by response notion or dynamic response.*

*Besides the effective stress induced to the structure, a structure response to dynamic action depends on its resistance capacity as well as the size distributions of the loads, by its resistance capacity meaning the sum of elastic and friction forces that are opposing the movement of the structure in its entirety.*

*The dynamic values, in case of fortification works, generally can reach very high and complex values.*