ABSTRACT - FUNDAMENTAL AND COMPLEMENTARY SCIENCE

CONSTANTIN ANECHITOAE, ALINA BUZARNA-TIHENEA (GALBEAZA) (pg.168-170)
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HARMONIZING THE LEGISLATION ON THE LAW OF THE SEA

Abstract: The official codification of the law of the sea is made by States. It has a binding nature (regarding the subject matters of the law of the sea) to the extent that they recognize the codification acts (by becoming parties to the codification of conventions).
The UN General Assembly plays an important role in the codification of the law of the sea, through its conferences and resolutions. Through the codification of the law of the sea, there is performed the systematization of rules.
Key-words: Codification of the law, Conference on the Law of the Sea.

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USING THE CHAOS THEORY AND DYNAMIC KEYS IN DIGITAL WATERMARKING

Abstract: Digital watermarking is an emerging multimedia security method that has been developed in recent times. It has two main applications: copyright protection and data integrity verification. In this paper we want to show that these applications can be combined with advanced chaotic sequences and dynamic keys in order to increase the security level. At the same time we will show how the two different applications of digital watermarking resist against attacks.
Key-words: Digital watermarking, security, multimedia, copyright protection, data integrity verification, chaotic sequences, dynamic keys, increased security level.

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TALKING LIKE A PONGO

Abstract: As a well-defined and limited group, the Armed Forces personnel uses slang in their every day activities. Working for the Military, we deal with slang vocabulary, and as linguists, we find this semi-standard semi-informal way of speaking both very intriguing and resourceful. By its continual and ever-changing use and definition of words in informal conversation, slang is a gold mine for us, teachers dealing with vocabulary for specific purposes. The present paper deals with this particular segment of military way of speaking, hoping to be an X-Ray for this continuous re-invention and re-evaluation of language.
Key-words: slang, military, words and expressions

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METHODS OF TEACHING ESP VOCABULARY

Abstract: One of the tasks of the teacher involved in English for Special Purposes is teaching vocabulary or terminology. According to the level and specialty, terminology is more or less complicated. For Technical Institutes and Universities, the teacher needs to continually improve his course books and set modern standards for methodology. The texts of the courses should be updated and a diversity of exercises and tasks should be used in the process of teaching.
Key-words: ESP, EAP, engineering, EAP course-book

ANTON BĂTĂTORESCU, ION COLŢESCU, IULIAN ANTONESCU (pg.182-190)
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APPROXIMATE CONVEXITY IN MULTIOBJECTIVE PROGRAMMING

Abstract: We define a general class of approximate pseudo/quasi-convex functions. Using these functions, we establish necessary and sufficient optimality conditions for the quasi efficient solutions and higher order quasi efficient solutions of a multiobjective programming problem. Some duality properties of the problem and its mixed dual are also considered under generalized approximate convexity assumptions.
Keywords: multiobjective programming, approximate convexity, efficient solution, optimality, duality.

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SIMULATION IN TEACHING BUSINESS WRITING

Abstract: Business simulation and games have been used quite a lot lately because of the superior results produced in contrast to more conventional teaching techniques. Stimulation is most often used in teaching decision-making or managerial skills. Practice in other skills, like oral presentations or written reports, is very much a sideline when students are obsessed with beating their opponents (Evans and Scully, 1984).
Key-words: business, simulation, games, vocabulary, writing

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INTEGRATED COASTAL ZONE MANAGEMENT

Abstract: The international community has expressed serious concerns for coastal and marine resources, related to pollution problems of the resource base, to food provided by seas, to energy sector development and exploration of mineral resources of the sea, to transport and military applications. However, understanding the processes that occur in the seas and oceans is essential for scientific estimate of the likelihood, timing and magnitude of global warming.
Major concerns go towards the possible impact caused to oceans, seas and coastal environment by population growth and development of activities and require practical measures to prevent unacceptable degradation.
Keywords: Costal zone, Environment protection, Integrated management

CARMEN LUMINIȚA COJOCARU (pg.195-197)
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CHARACTER – THE AXIOLOGICAL DIMENSION OF STUDENT PERSONALITY
Abstract: The model of the graduate of military institutions, a model of the "final product", condenses and explains the goals of the educational process, with a particular focus on the quality of the graduate, understood as both the instilling of professional knowledge and as the molding of a student's personality. The study aims to explore the relational and axiological and the self-regulating dimensions of personality, with the purpose of facilitating psycho-pedagogical intervention with the aim of creating efficient military professionals for whom competence becomes a strategic norm.
Key words: character, student personality, psycho-pedagogical intervention.

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BREVITY CODEWORDS USED IN NAVAL TACTICAL COMMUNICATIONS
Abstract: When units of different navies that historically have never operated together are part of the same task force or task group, it is necessary for them to have and to use agreed-on voice procedures when using voice radio as the primary method of communications during exercises or operations. To ease coordination and improve understanding during operations, especially if there are multiservice operations going on, brevity codeword's must be used by all participants in extremely efficient ways. Air-to-air, air-to-surface, surface-to-air, surface-to-air codeword's need to be standardized in order to insure fast, clear, accurate, and secure communications for all participants in a military action, because efficient communication is essential to effective team coordination.
Key words: brevity codeword, noun, adjective, participle, imperative

GHEORGHE DOGARU, CAMELIA CIOBANU, GHEORGHE SAMOILESCU (pg.201-206)
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FUNCTIONS AND CHANGES OF VARIABLES
Abstract: In this paper, we outline how to simplify the differential expression that arise in various mathematical models used by specialized technical areas, by introducing differential notation that simplify formulas.
Key-words: partial derivatives, regular punctual transformation, system equations

IRINA IONIȚĂ (pg.207-211)
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INFORMATION MANAGEMENT FOR ACADEMIC ENVIRONMENT
Abstract: Information management has the potential to contribute to the achievements of organizations. Information can be integrated into organizational processes and so it can influence organizational culture, structure and work patterns. Managing information is not an easy task and refers to information products, information services, information flow and information use in an organization. Useful measures of the effectiveness of information management can be based on the impact of information on the organization. Academic Information Management System (AIMS) offers the robust functionality needed to manage the entire academic processes and student life cycle starting from course planning, student enrolment and class registration to financial aid information and billing – providing a centralized data warehouse that gives a single source of information to make well-informed financial and operational decisions in real time. The current paper highlights the importance of information management in modern organization, in particular the impact of IMS in university.
Keywords: information management; management information system; intelligent organization.

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A MULTI-AGENT SYSTEM USED IN GAS-OIL SEPARATION PLANT Romania
Abstract: The separation process is a fundamental part of all hydrocarbon production. The main objectives for operators is to produce oil free from gas and water, remove all liquids from gas, and discharge produced water without disturbing the environment. The processes involved are in a state of considerable change, under pressures of all kinds: technological, environmental and economic. As a result modern methods and technologies are applied to minimize the cost and increase the profit. Recently, intelligent agents are more and more present in industrial fields. It is reasonable to use multi-agent systems (MAS) within industrial applications, as agents lend themselves to modular, decentralized, unstructured and complex applications, a new target field being, in this respect, that of the oil industry. In the current paper the author proposed a MAS applied in the framework of a separation plant in order to prove the importance of such advanced intelligence technique.
Keywords: agent; multi-agent system; gas oil separation

EDITH KAITER (pg.216-219)
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HEMINGWAY'S WAR FICTION KALEIDOSCOPE
Abstract: Hemingway's life and work are obviously not of a single piece, lacking a consistent pattern which is made problematic by his remarkable poses, the paradoxes, the violent shifts in attitude. For Hemingway, fiercely competitive in everything he did, this complex kaleidoscope included what might be called alterity, the Other (animals, terrain, weather, other people, Nature, life itself) and the things associated with his own self and personality (his ambition, his talents, his tenderness and sensitivity). The present paper deals with the author's opportunities offered by the fictional world which he brought to life, partly as a result of his personal experience, to dramatize the conflicting, the dubious tendencies in his own contradictory nature.
Key-words: code hero, mask, war fiction, myth, Hemingway.

DELIA LUNGU, LAURA CIZER (pg.220-221)
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TEACHER TRAINING IN THE NAVAL ACADEMY – EXAMPLE OF GOOD PRACTICES
Abstract:Teachers continue to be important factors in the process of teaching foreign languages and thus, their permanent training is a guaranty for their students' successful performance. The key role played by teachers in creating a quality education system was recognized and as a logical consequence, a program of training has been developed by the Ministry of Defence at its Human Resources Management Directorate level. The program addresses equally new and experienced teachers as we strongly believe that developing professionally is a lifelong learning process. The aim of this paper is to present the development of teacher training in the Naval Academy as a means of providing teachers with knowledge, experience, guidance and a forum where they can share their personal achievements.
Keywords: teacher training, online resources, teaching methods, lifelong learning

ANCA MAGIRU (pg.222-223)
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LAW AND LITERATURE: LEGAL ASPECTS IN „HAMLET"
Abstract: The paper will highlight some legal issues in "Hamlet" which might determine law students want to go deeply into the field and make references to the nowadays English law and establish similarities and differences in civil law countries. There exists a group of legal problems in the Shakespearean play, which, although does not enjoy and/or draw our attention on the spot, nevertheless does vitally affect the development of the plot. Roughly speaking, there are three such legal matters which are interrelated, though each of them can be studied separately. The paper will focus, in particular, on: 1. the problem of succession to the Danish throne, 2.the Queen's marriage to her husband's brother, 3.the question of Gertrude's complicity in her husband's murder. The paper will emphasize the value of the literary text as a medium for jurisprudential debate, will signal the educative potential of law in literature, will help educate lawyers, law teachers and students in the use of language and comments.
Key-words: succession, complicity, murder

CORINA SANDIUC (pg.224-225)
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COMMON LANGUAGE /vs/ SPECIALIZED LANGUAGE IN THE MARITIME FIELD
Abstract: A technical language comprises all the terms belonging to a trade or occupation. It has no particular grammatical or lexical structure other than that of the common language, but it contains a number of specialized lexical items used to designate concepts belonging to a particular field of activity. Although clearly monoreferential and unequivocal, the maritime language has been undoubtedly marked by the influence the common language has had upon it. The aim of the present paper is to illustrate how the two types of language, the common and the specialized, intertwine and complement each other. In this respect, we follow the movement between the maritime language and the common language in its dynamism and we illustrate the complex phenomenon of migration of the maritime terms and the way the maritime signified can be enriched within the common language or other specialized languages.
Keywords: specialized language, common language, maritime language, term, word

PAUL VASILIU, ION COLŢESCU (pg.226-232)
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ALGORITHM FOR FINDING STRONG CONNECTED COMPONENTS WITH MAXIMUM NUMBER OF VERTICES FOR A DIRECTED GRAPH
Abstract: This paper introduces a new algorithm for finding the strong connected components of with maximum number of vertices for a directed graph. Also, it is presented an implementation in C programming language of the algorithm and an example of usage of the program.
Keywords: strong, connected, maximum, vertices, directed, graph

ALINA NICOLETA VLAD (pg.233-235)
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POST MODERN DRIVE
Abstract: The paper "POSTMODERN DRIVE" highlights the connections between the postmodern literary theories and their implementation in the cinema, having as main point for the analysis the film directed by David Lynch, Mulholland Drive, as what he produces has always been central in academic discussions of postmodern film. Thus, the focus of the investigation is upon the way in which postmodern ideas are reflected in this film or the manner in which they can be used to interpret the film.
Key-words: Postmodernism, cinema, literary theory, interpretation.