

ABSTRACT - NAVAL AND MANAGEMENT SCIENCE

MADALINA ALBU (pg.9-10)

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CONSIDERATIONS REGARDING INTEGRATION CONCEPTS OF SOCIAL RESPONSIBILITY AND SUSTAINABLE DEVELOPMENT

Abstract: Sustainable development is confused sometimes with the activities of a company's social responsibility. In reality, the actions related to social responsibility should follow and be consistent with sustainable development policy and performance companies to create products that combine quality with responsibility toward people and the environment. This paper presents considerations on how the OMV Petrom approach sustainable development issues related to balancing economic growth, social development and environmental protection.

Keywords: Sustainable development, social responsibility

MIHAELA – LAVINIA CIOBANICA (pg.11-16)

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THE METHODOLOGY OF THE ASSESSMENT OF THE PERFORMANCE OF THE MANAGEMENT AT THE LEVEL OF THE ECONOMY ORGANIZATION

Abstract: The performance of the management is looked upon with great interest at the level of any organization, the determination of which being a standing objective on both long and short terms.

The conditionings unanimously recognized by experts in the field of scientific concerns are obvious, namely only a performing management practised by professional managers, is capable of performances of the management which give birth to economic-financial and social performances.

CLINCI CĂTĂLIN (pg.17-21)

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SCALABLE SIMULATION FOR BRIDGE OFFICERS AND ENGINEERS TRAINING

Abstract: The objective of this paper is to highlight the Romanian Navy's progressive development of a scalable simulation training system as the primary tool to support all of its requirements for bridge officer training, from cadets to the ships' captains. It will discuss how the addition of a suite of part task trainers, using a simulation engine common to the Navy's established full mission simulators, has afforded the advantage of compatibility of databases, models and training scenarios. Additionally, it will explain how this new capability has enhanced the accessibility and flexibility of simulation training for bridge officers, hence facilitating the blending of the training process with ship's operational/officer's career cycles to capitalize on experience gained at sea; and more importantly, the inverse.

Keywords: Simulation, training, offices

SORINEL COSMA, SIMONA COSMA (pg.22-24)

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ISLAMIC ECONOMIC VIEWS ON INTEREST

Abstract: According to all Islamic religious and philosophical traditions, money was invented to serve as measure, medium of exchange of goods and services and ensure just measure of values. It was never desired for itself. But the practice of lending money on interest makes the money a source of injustice and exploitation. A unique contribution of Islam to economic thought is that it envisaged occurrence of interest in certain cases of barter that involve exchanges unequal by way of quantity or time of delivery. The Quran clearly condemns what it calls by the Arabic term "riba," which literally means an "increment" or "addition" and is usually translated "interest". Still, attempts have been made to distinguish interest from riba, by pointing out that interest charged on consumption loans is definitely "usury", but that on loans taken to finance trade or production is not.

Keywords: money, interest, usury, barter

GEORGETA DRAGOMIR, CARMEN-MARINA DRAGOMIR, STEFAN DRAGOMIR (pg.25-28)

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WASTE COSTS ADMINISTRATION IN THE SOUTH EAST DEVELOPMENT REGION

Abstract: The paper presents a new vision of the administration cost of waste in the south-east developing region of Romania. It is known that waste generation is influenced by several factors among which the most important are: the evolution of population and regional income, the car is made of waste collection on a regular and scheduled, the consumer (the unemployment rate, educational, personal preferences) and the fraction of recovered waste collected. Large quantities of waste generated per capita and are a consequence of education and accelerated urbanization. Similarly, the consumer behaviour influenced the waste generated modality (the semi-cooked food give more packaging waste while in rural areas is mainly the organic waste).

Keywords: costs administration, consumer behaviour, packaging, waste generated

STEFAN DRAGOMIR, VIOREL DRAGAN (pg.29-31)

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ABOUT THE COST OF WASTE COLLECTION AND DISPOSAL IN THE SOUTH-EAST DEVELOPMENT AREA IN ROMANIA

Abstract: The evolution of population in the development area south – east of Romania and the decrease the average income of the population, determine difficulties in the collection of the fees for waste administrations.

In the domain of waste collection is built a schedule of the taxes and the consumer (the unemployment rate, ordinary peoples, services personals involved in trade, industries, education) must to sustain these fees. Large quantities of waste generated per capita are produced in the six big cities of south-east development region. Similarly, the waste managing costs are influenced by consumer behaviour.

The paper presents a new vision of the administration cost of waste in the south-east developing region of Romania.

Keywords: waste managing costs, municipal waste, separation, waste collection

CORNEL GRIGORUT, CONSTANTIN ANECHITOE (pg.32-33)

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POWERS AND DUTIES OF PORT ADMINISTRATIONS REGARDING TAXES

Abstract: *In order to provide users for the naval transport infrastructure and in order to render services, the port administration may charge fees and taxes established under the laws in force. Prices and fees for the services provided to ships of all flags in Romanian maritime ports by the port administration are calculated in euros, starting with January 1, 2004. Prices and charges are approved by the Board of Directors of the National Maritime Ports Administration S.A. Constanta.*

Keywords: *Taxes, fees, port, antipollutant dam*

SERGIU L. LUPU, CARMEN ELENA LUPU, GABRIEL CRETU (pg.34-37)

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SOME REMARKS ON GPS SATELLITES ORBITS

Abstract: *NAVSTAR/GPS is a spatial positioning system which answers the questions „What time, what position, and what velocity is it?” quickly, accurately and inexpensively anywhere on the globe. In this paper we present a mathematical form of disruptive forces that affect the orbits of GPS satellites.*

FLORIN NICOLAE, DINU ATODIRESEI, SERGIU L. LUPU, CORNEL-GEORGE ANDRIU, AURELIA NISTOR (pg.38-43)

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PRESENTATION ON THE PREDICTION ACTIVITY OF OIL POLLUTION USING GNOME AND ADIOS-2 SOFTWARE AND THE OPTIMAL CHOICE FOR INTERVENTION WITH VARIOUS MEANS USING THE INTEGRATED SHIP MANAGEMENT SIMULATOR TRANSAS 5000

Abstract: *The utilization of GNOME software allows the user to estimate spatial evolution of a spilled oil quantity for a period of 96 hours, in a real-time of maximum 10 minutes when providing information on the oil type, quantity and initial position. The use of ADIOS-2 software, after we have a clear picture of the space-time simulation on the evolution of the pollutant, gives us the choice of optimal intervention, based on comparative analysis of simulated effectiveness of intervention methods at our disposal. In this paper, we took three of the most often used simulation methods in the case of such interventions: intervention by skimming, using anti-pollution dams and absorption with the help of skimmers, the use of dispersants, and the use of in-situ oil burning.*

Starting from the optimal version, the intervention materializes through the navigation simulator TRANSAS 5000 using means of intervention in simulated conditions close to reality (simulation of burning the area, simulation of oil collected by dams and the full-size of the oil stain in order to determine the number of vessels needed for the intervention)

FILIP NISTOR, HARALAMBIE BEIZADEA (pg.44-45)

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PREVENTION COSTS OF QUALITY FOR A PORT OPERATOR

Abstract: *Globalization is one of the key trends in the business world today. All organization must maintain their cost competitiveness and ensure that the quality of their products and services are meeting their customer's requirements. Cost of quality provides a means to judge the return of quality in any organization.*

Keywords: *cost, quality, prevention*

MIHAELA OTELEA (pg.46-47)

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PERSPECTIVES OF STRATEGIC MANAGEMENT EVOLUTION IN ROMANIAN INDUSTRIAL COMPANIES, PER THE CONTEXT OF GLOBALIZATION AND CONSOLIDATION OF THE KNOWLEDGE ECONOMY

Abstract: *We live in a dynamic business environment characterized by change. New companies appear each day, but only a few manage to grow and resist on the market. Strategic management is a theme that comprises all the elements from the life of a company.*

Keywords: *Strategic management, Globalization, Competitiveness*

CATALIN C. POPA, FILIP NISTOR (pg.48-51)

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THE MILITARY CARRIER VALUES FACING THE LABOUR MARKET CONTEMPORARY DYNAMICS

Abstract: *In the context of the labour mobility increasing, as a prior desiderate for assuring a proper employment rate within crisis framework, the military carrier as any other professional occupation has to be viewed and judged in its dynamic evolution but in a full connection and relation with open market labor particularities. At the moment, from the educational perspective, the military carrier has to follow the main contemporary tendencies in competencies' and abilities design policies, to be positive related to the labour market requirements. The military personnel have to get larger perspective in a civilian carrier and, as a corresponsive condition of a desired mobility, a wider number of qualification perspectives. This paperwork are depicted some theoretical aspects regarding the functional correlations between military internal and external environment, proposing a model for adapting the military educational system to the real need of the labour market.*

Keywords: *military carrier, management, education*

LUCIANA SPINEANU-GEORGESCU (pg.52-53)

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FUNCTIONS OF FINANCIAL SYSTEM

Abstract: *Finance and financial system, like any economic category, are designed to mediate the achievement of certain economic or social processes, which cannot be achieved by other means or other means, which means their social mission. Thus, by integrating financial relations in the financial system may be accepted all their functions and their performance reflected their role involvement.*

Keywords: *financial system, finance company, microeconomic, distribution function, control function.*

TĂRĂBUȚĂ OCTAVIAN (pg.54-58)

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PLANNING OF MANIPULATOR TRAJECTORIES

Abstract: *In this paper we deal with the formalism of describing the desired manipulator motion as sequences of points in space (position and orientation of the manipulator) through which the manipulator must pass, as well as the space curve that it traverses. The space curve that the manipulator hand moves along from the initial location (position and orientation) to the final location is called the path.*

Key words: *Manipulator, path, trajectory, joint interpolated trajectories.*

NECULAI TATARU, COSTEL CUCOARA (pg.59-62)

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RISK FACTORS AND CONSEQUENCES OF NAVAL CASUALTIES

Abstract: *Shipping casualties are due of 80% to 85% because the human element that may be a result of:*

- *wrong policy of the company in the field of human resources;*
- *crew personnel errors which may refer to:*
 - *training errors;*
 - *errors due to staff with responsibilities in this area.*