

SUMAR

SPIRITUL PRIMEI ENCICLOPEDII ROMANE IN OPERA CREATORILOR MILITARI DE CULTURA NATIONALA

Gl. bg. prof. univ. dr. Liviu Habian

Lt. col. Benoni Sfarlog

Abstract

Starting from the necessity to reunify the springs of culture and national conscience, a century ago the scientists from „ASTRA” initiated and co-ordinated the issuing of one master piece with national significance – „The Romanian Encyclopedia” – of which content shows the life and activity of the entire Romanian community.

Being an expression of the spiritual state, which has deep roots within the Romanian’ identity, and being useful for stating the Romanian’ unity and cohesion, the Romanian Encyclopedia, completed in 1904 is the product of great scientists of Romanian people, joined enthusiastically by scientists in military uniform, in order to gather together the Romanian military experience and knowledge.

The spirit of the first Romanian Encyclopedia is present within the master pieces of national culture military authors (scientist), and it remains evolved into the conscience of those who serve the Romanian nation under it’s flag.

ASPECTE TEORETICE SI METODOLOGICE ALE SCIENTIZARII CONDUCERII ORGANIZATIEI MILITARE

Gl. bg. prof. univ. dr. Lucian Culda

Abstract

The present state of investigation upon organizations offers possibilities for the capacity of the military organization regarding the fulfillment of it’s functions within the state to be increased. This fact becomes possible through bringing the leading of military organization at scientific levels;

For this are regarded three fields: identification and fulfillment of the missions of organization, the ensurance of the functionality of organizations, and the management of reproduction of resources and of conditions that facilitate the adaptability of organization to the dynamic of the social context. The viability of the methodology is conditioned by certain restrictions.

CERCETAREA STIINTIFICA UNIVERSITARA – DIMENSIUNE FUNDAMENTALA IN REALIZAREA UNUI INVATAMANT SUPERIOR MILITAR PERFORMANT

Lt. col. conf. univ. dr. Mircea Cosma

Abstract

Scientific academic research has become more and more the central point for the evaluation of the performances of the academic education. Knowing the legislative, normative, economico-financial and methodological environment ensures the understanding by each departament, teacher and student of their responsibilities in the field. Throughout this article we try to analyse not only the general aspects of scientific academic research but also its individual features concerning our academy.

The recognition and acknowledgement of the place, role and importance of scientific academic research is considered to complete the real image of the profoundness and complexity of the realisation of military academic education reform in this field also.

UNELE ASPECTE TEORETICE SI METODOLOGICE PRIVIND GESTIONAREA PROCESULUI DE FORMARE A OFITERILOR DIN TRUPELE DE USCAT

Lt. col. Benoni Sfarlog

Abstract

Formation of officers belonging to Land Forces is developed within a process that has to be enquired and managed as to be positioned as close as possible to the optimal state parameters. This aim becomes achievable through a systemic type (kind) of approach. The finality of the prospectiv-analytical approach can be found in the ways that shape the structure and implementation of conception to achieve the feed-back, from managerial prospecting. To the systemic method there is attached a criteria and principales system, and on this basis there is shaped out a viable conception described as (through) a wide range of questionings and operations.

POLITICA INTERNATIONALA: O SFIDARE INVESTIGATIVA

Col. prof. univ. dr. Teodor Frunzeti

Abstract

The today's world is very close of the new millennium's beginning and of a new age. Nowadays the pace of changes is faster and the consequences deeper than ever. The image that we have about the world politics is a simplified one. The world politics could be better known by analysing three levels: the individual, the national and the systemic one. There are several queries that we can address, concerning the vital problems of our future and the world politics' ends, means and ways.

REPERE TEORETICE SI METODOLOGICE ALE INVESTIGARII IMPACTULUI CREATIILOR CULTURALE ASUPRA NATIUNILOR

Col. Ion Dinu

Abstract

The interpretation nation and culture from organic developing process uncovers and spots the role of integrative social – organizing, which, through keeping, evaluation, and valuing of cultural creations contribute to nations reproduction. Creations that have organizing consequences upon people and social organizations fulfil the conditions in order to be called cultural creations. On this basis there are becoming credible work hypothesis that spots the integrative functions of cultural creations, and the possibility that these are able to satisfy the needs of information processors.

ELEMENTE DE PREDEFINIRE ALE MODELULUI CULTURAL

Lect. univ. Dumitru Batar

Abstract

The elements of predefinition for the cultural model are supposed to be the base without which we can not approach the definition of the cultural model. We sustain though, within these suppositions, the components able to define, which are results from the bibliographical sources of different fields. In the first place we propose the concepts of model and theory, which are debated by authors as: N. Wiener, S.R. Rudner, R. Carnap, M. Bunge, St. Georgescu, G. Rocher, T. Katarbinski. The dominant content of the definition for cultural model is the cultural one – considered either from sociological and anthropological point of view, and which brings to our attention the limited human character and the social character of this.

The paradigm represents the way in which we can understand the definition of cultural model from a certain scientific prospective.

LEADERSHIP-UL: INTERESE SI VALORI

Lt. col. lect. univ. dr. Ioan-Constantin Petca

Abstract

For the being efficient, the leader has to have the quality of convincing. The power comes from the wish of the subordonates to join the leader.

The leaders are recording success in the measure in which they are accepted by the subordonates.

The effience and the survive of organisation don't depend only by the quantity of the efort spend, but also by the investment of the efort on the best way.

DETERMINAREA AXIOLOGICA A ACTIUNII MILITARE

Lect. Augustin-Alexandru Beanu

Abstract

The approach of military action from the praxeologic research perspective corroborated with those of axiology and logic proves to be an opening of new horizons and promising perspectives in a finer understanding of the acts of organization, decision and managing combat actions in the conditions of their increasing rationality and efficiency.

Multiply determinated (nomologically, teleologically, psychologically and axiologically) the military action, as species of social action in general, expresses itself with a series of particularities and specificity notes in whose emphasizing and explaining the axiological perspective has a significant, essential contribution.

This study's purpose is to emphasize the contribution of military specific values in military action determination.

LEADERSHIP-UL CHARISMATIC

Lt. col. lect. univ. Ioan-Constantin Petca

Abstract

Leadership is a complex process of interpersonal influation, with practice in certain situation.

Practical leadership is a service offered by the organisation leaders. The quality of the leadership it is given by the abbility of leaders to assimilate, the power sources.

CONSILIUL DIRIGENT AL TRANSILVANIEI: ATRIBUTII, ACTIVITATEA PE DOMENII, REZULTATE(II)

Lt. col. conf. univ. dr. Alexandru Babos

Abstract

In the second part of this study we present the activity of the Dirigent Council of Transilvania in cults and education domain, in wich were obtained remarkable results. Also, this study presents the circumstances and the way how the Dirigent Council finished it's activity, in April, 10, 1920.

By all it's activity, the Dirigent Council of Transilvania contributed to Romania's national unity perfection.

TESTAREA CIRCUITELOR INTEGRATE LOGICE

Col. dr. ing. Stefan Burlacu

Abstract

The paper treats can an user test LSI microprocessors, new approaches simplify testing of microprocessors and microprocessor functional testing.

PROTECTIA SUPRAFETELOR METALELOR PRIN TRATAMENTUL TERMOCHIMIC DE CROMIZARE

Mr. lect. univ. ing. Laszlo Keresztes

Abstract

The theses presents a study about the structure and the properties of the superficial layer of the metallic cementig with chrome blanks.

For the choice of the optimum alternative for the protection of the surfaces of the blanks which work in aggressive medium, it is necessary to know the chemical composition of the medium and the mechanic and thermic strains to which it is forced.

In most of the situations it is not economical manufacturing of the high alloyed stainless or refractory steel blanks from which cause it goes at the protection of the superficial surface by different chemical or thermo- chemical methods.

The thermo-chemical treatments have the advantage that the superficial layer get high anticorrosive and mechanics characteristics, while the care remain unmodified, that it gives to the blanks a strong resistance to the tired, because of the residual tensions.

PRINCIPALELE TIPURI CONSTRUCTIVE DE AJUTAJE LAVAL UTILIZATE IN CONSTRUCTIA MOTOARELOR RACHETA DE LA MUNITIA REACTIVA

Cpt. lect. univ. drd. ing. Aurel Iacobescu

Abstract

This work gives emphasis to some aspects about the main constructive types of LAVAL nozzel used to design the rocket engines from the reactive ammunition.

DETERMINAREA FIABILITATII SISTEMELOR FORMATE DIN COMPONENTE CU RATA DE DEFECTARE VARIABILA IN TIMP

Lect. univ. ing. Octavian-Ioan Bogdan

Abstract

This paper describes a methodology to construct realiability models using extendet generalized stochastic Petri nets (EGSPN). This methodology is used for determination of the reliability of the systems made of the components having time-varying failure rate.

UTILIZAREA PROCESELOR SEMI MARKOV IN STUDIUL FIABILITATII SISTEMELOR

Lect. ing. Lacrimioara Jurca

Abstract

The paper aims at a general presentation of the utilisation methodology of the stochastic processes for the complex system reability study. Basically the study is relying on the semi-Markov stochastic processes approach which enables a proper modelling for most of casses.

INFLUENTA NUMARULUI DE NERVURI DISPUSE IN FORMA DE STEA IN CAZUL UNOR INVELISURI>

Lect. univ. ing. Elena Calciu

Abstract

The paper deals about the analyses of strenghts in a structure type cover using MEF method. For this analyses it was used ALGOR programme, which gave us images and numerical dates about the strenghts. With these dates were made suggestive diagrams.

EFECTELE PRODUSILOR TOXICI REZULTATI IN URMA DESCOMPUNERII SUBSTANTELOR EXPLOZIVE UTILIZATE IN DOMENIUL MILITAR ASUPRA ORGANISMULUI UMAN SI A MEDIULUI INCONJURATOR

ELISABETA-EMILIA HALMAGHI
Cpt. lect.univ. ing. drd. Aurel Iacobescu

Abstract

This work relates about an important problem of the surroundings, namely the effects of the toxic products as a result of explosive substances decomposition used in the military domain, concerning the human body and the surroundings.

CONSIDERATII ASUPRA ANTIOXIDANTILOR ALIMENTARI

Ing. chim. Alexandru Lupu

Abstract

Antioxidants are the most common additives used in food industry. This paper presents natural and sinthetic antioxidants used in foodstuffs. Also it is presented their mechanism of action, some instrumental methods of analysis and the latest research activities in this domain.