

TABLE OF CONTENTS

GENERAL PROBLEMS OF ELECTROMECHANICS

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ASSESSING INFLUENCE OF FAILURES ON ENERGY CHARACTERISTICS OF SEVEN PHASE THYRATRON MOTORS OF LOW-POWER.....

3

The article deals with assessment of energy characteristics of seven phase thyatron motors (TM) of low power with galvanically isolated phases of armature windings in normal and accidental conditions of operation at full commutation. A quantitative assessment of influence of four types of failures of power part elements of TM on energy characteristics is carried out. Some variants designed to exclude unfavourable refusals at stage of TM design and assessment criterion for motors operability at power parts components failure are proposed.

Key words: seven phase thyatron motors, elements failure, energy characteristics, solid-state switch power tongs break, solid-state switch power tongs short circuit, electromechanical converter phase short circuit, electromechanical converter phase break, motor operability.

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PULSATIONS OF ELECTROMAGNETIC TORQUE OF MULTIPHASIC THYRATRON MOTORS AT EMERGENCY OPERATION MODES.....

9

Results of calculations of electromagnetic torque pulsations of multiphasic controlled thyatron motors (TM) with galvanically isolated phases of armature winding in normal and accidental operation conditions are quoted herein. A quantitative assessment of pulsation value of current component of electromagnetic torque for four kinds of failures of power part elements of TM at constant rotation speed and commutation delay angle within one interval between commutations is carried out. Approximating dependences of relative pulsations of electromagnetic torque on number of motor phases for retarding, neutral, and advance switching are proposed.

Key words: multiphasic thyatron motor, electromagnetic torque, torque pulsation, components failure, switch key break, switch key short circuit, electromechanical converter phase break, electromechanical converter phase short circuit.

SPACE ELECTROMECHANICS. SPACECRAFT

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DEVELOPING PERFORMANCE INDICATORS OF SPACE ACTIVITIES ON THE STAGE OF DESIGN AND USE OF NATIONAL METEOROLOGICAL SYSTEMS.....

17

The present article is dedicated to an actual problem – development of performance indicators of space activities taking into account expenses, creation date of space hardware, its innovativeness and effectiveness of application by way of example meteorological space vehicles. The proposed indicators enable to perform monitoring of their efficiency and correspondence of their information to consumers requirements, as well as to obtain data on marketability of information of native space systems products on the world market of earth remote sensing materials.

Key words: earth remote sensing, indicators, meteorological space systems, polar orbital SC, geostationary SC.

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IMPROVING ECONOMIC MANAGEMENT OF GROUND-BASED LAUNCH FACILITIES IN THE INTEREST OF PERSPECTIVE SPACECRAFT ORBITAL SYSTEMS OPERATIONAL DEPLOYMENT.....

31

The article deals with a consideration on problems of further improvement of ground based launch facilities management based on optimization of perspective orbital systems placement strategy. The selection of leading out means needed to perform the predetermined orbital scheme of placed satellite system, as well as of respective launch facilities, must be performed on base of simultaneous acknowledgement of ballistic, technologic, ecologic, and financial restrictions. An optimization problem on mathematic programming was formulated and a task of its solution based on branches and limits method ideas was exposed.

Key words: space activities, ground space infrastructure, launch vehicle, leading out means, boosters launch planning, ecological situation, spacecraft, orbital system, placement strategy, economic resources, organizational and technical system management optimization.

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JUSTIFYING SPACECRAFT ORBITAL SYSTEMS PLACEMENT AND REPLENISHMENT STRATEGY ON BASIS OF COMPLEX ORGANIZATIONAL AND TECHNICAL SYSTEM MANAGEMENT OPTIMIZATION.....

35

Problems of complex optimization strategy for placement, increment and replenishment of spacecraft orbital systems with regard of financial investment possibilities, peculiarities of logistic provision and consequences for the environment after launches of boosters are under consideration herein.

Key words: space activities, ground based outer space infrastructure, booster, leading out means, booster launches planning, ecological situation, spacecraft, orbital system, placement strategy, logistic provision, economic resources, organizational and technical system optimization management.

ELECTROMECHANICS AND SOCIOECONOMIC DEVELOPMENT OF THE COUNTRY

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Romanov A.V. (Military aviation engineering university)

ASSESSING INFLUENCE OF PERIODIC MAINTENANCE EFFICIENCY ON COMPLEX ENGINEERING SYSTEMS OPERATION RELIABILITY.....

41

An interrelation between reliability value of complex engineering systems, maintenance periodicity and value of its efficiency considering system elements criticality on reliability and efficiency of their maintenance is shown. Recommendations on substantiation of required efficiency of the maintenance with regard to a schematic block diagram element criticality to confirm requirements for the system reliability are given. A task on optimization of the maintenance program enabling to provide requirements for the best efficiency presented to its reliability during the all warranty life at limitation of expenses necessary for its realization is formulated.

Key words: reliability, complex engineering system, reliability structure diagram, optimal maintenance, reliability criticality.