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REDUCING OF DYNAMIC LOADS OF EXCAVATOR ACTUATORS

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X-RAY DIFFRACTION AND MAGNETIC PROPERTIES OF VANADIUM DIOXIDE  $VO_{2\pm x}$  SOLID SOLUTIONS  $V_{1-x}FE_xO_2$

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EXPERIMENTAL RESEARCHES OF CARBON STEELS PLASTICITY CHANGES IN THE FIELD OF PHASE TRANSFORMATIONS

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ELECTRO-DROP-JET MICROSCOPE FOR ACTIVE CONTROL OF THE SURFACE ROUGHNESS OF THE PRODUCT

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QUESTIONS OF CONSTRUCTION OF THE TELESCOPIC DEVICES OF THE ACTIVE CONTROL OF THE SIZES OF PRODUCTS WITH CORUNDUM TIPS

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SOME PROPERTIES OF TRANSVERSELY ISOTROPIC THERMOELASTIC LAYER UNDER INITIAL STRESS

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INVESTIGATION OF THE ACCURACY OF GEARS PRODUCED BY ELECTRICAL DISCHARGE MACHINING

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METHOD OF CALCULATING THE DOSING DEVICE OF THE INK MACHINE OF THE STENCIL MACHINE

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RADIAL WAVES OF PIPELINE PRESSURE AT THE HYDRAULIC SHOCK

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ANALYSIS OF THE COGNITIVE MODEL «SAFETY OF PEOPLE IN EMERGENCY SITUATIONS»

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DESIGNING OF AUTOMATED MONITORING SYSTEM TECHNOLOGICAL PROCESSES AND DISPATCH CONTROL OF OBJECTS OF THE GAS TRANSPORT

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AN EFFECTIVE METAHEURISTIC FOR BI-OBJECTIVE FEATURE SELECTION IN TWO-CLASS CLASSIFICATION PROBLEM

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GEOMETRIC MODELING OF SOLUTIONS OF THE DIRECT AND INVERSE TASKS OF GEOMETRIC OPTICS ON A PLANE

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APPLICATION OF THE DYNAMIC PROGRAMMING METHOD TO OBTAIN OF THE ANGULAR VELOCITY CONTROL LAW OF A SPACECRAFT WITH A SMALL GEOMETRIC ASYMMETRY IN THE ATMOSPHERE

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RESEARCH STUDY OF DIESEL ENGINE OPERATION ON BIOGAS WITH THE IGNITION DOSE OF METHYL ESTER OF RAPESEED OIL

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INVESTIGATION OF FRACTAL PROPERTIES OF CLUSTERS OF SORBY MOLECULES UNDER ANHYGILATION PROCESSES ON INHOMOGENEOUS SURFACE

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EFFICIENCY ANALYSIS OF TIME SYNCHRONIZATION AND PAPR REDUCTION OF N-OFDM MODEM

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AN ANALYSIS OF QUARTER-TURN VALVE DRIVE TRANSMISSION MECHANISMS

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THE WAY TO EXPAND THE OPERATION AREA FOR ROBOT MANIPULATORS TO INCREASE FLEXIBILITY OF PROCESS LINES

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COMPARATIVE ANALYSIS OF ORDER ALLOCATION METHODS AND INTELLIGENT SYSTEMS FOR EFFECTIVE DOWNLOAD OF PRODUCTION CAPACITIES OF MANUFACTURING ENTERPRISE

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COMPUTER MODELLING OF THE CONICAL SPRINGS STAMPING WITH USING OF ELASTIC MEDIUM

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SOFTWARE FOR ESTIMATING OF A PREMISES ACOUSTIC SECURITY

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PLANETARY ADJUSTABLE VIBRATORY EXCITER WITH CHAIN GEAR

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HYDROELASTIC RESPONSE OF THREE-LAYERED BEAM RESTING ON WINKLER FOUNDATION

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CONTROL UNIT FOR THE DOSED FEEDING OF THE NUTRIENT SOLUTION INTO THE INDUSTRIAL AEROPONIC INSTALLATION SYSTEM

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WEIGHT AND SIZE CHARACTERISTICS MODELLING OF THE POWER PLANTS CONTACT CONDENSERS

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METHODS FOR SOLVING THE PROBLEM OF THE BIOLOGICAL POPULATION IN THE TWO-CASE

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PROBLEMS OF CONSTRUCTING MODELS OF INTELLECTUAL ANALYSIS OF STATES OF WEAKLY FORMALIZABLE PROCESSES

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GEOMETRIC MODEL OF GENERATION OF FAMILY OF CONTOUR-PARALLEL TRAJECTORIES (EQUIDISTANT FAMILY) OF A MACHINE TOOL

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GEOMETRIC MODELING OF OFFSET CURVES IN CONTOUR-PARALLEL POCKET MACHINING OF ENGINEERING PRODUCTS

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DISTRIBUTED LOAD BALANCING FOR THE ADAPTIVE VIDEO STREAMING USING CDN WITH RING SYSTEM OF SERVER CONSOLIDATION BY CIRCULANT TOPOLOGY

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COMPLEXITY OF RESOLUTION OF SYSTEMS OF EQUATIONS OVER PARTIAL ORDERS

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PRINCIPLE OF INDEPENDENCE OF CONTINUATION OF FUNCTIONS MULTIVALUED LOGIC FROM CODING

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OPTIC-ELECTRONIC PROCESSING OF IMAGES

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INCREASE THE EFFECTIVENESS OF SEARCH DATABASES QUERIES USING THE ALGORITHM OF BITMAP SCALES

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MATHEMATICAL MODELLING IN THE PROBLEMS OF DYNAMICS OF BRUSH-COMMUTATOR UNIT: TAKING INTO ACCOUNT THE CONDITIONS OF THE CONTACT CONSERVATION POSSIBILITIES

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METHODICAL COMPLEX FOR INVESTIGATION DEPENDENCIES BETWEEN MICRO STRUCTURE AND MACRO PROPERTIES OF MATERIALS AND OPERATING CHARACTERISTICS OF PRODUCTS

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ПОВЫШЕНИЕ ЭФФЕКТИВНОСТИ РАБОТЫ ТЕРМИЧЕСКИХ АГРЕГАТОВ  
THERMAL PLANTS OPERATIONAL EFFICIENCY IMPROVEMENT

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ENSURING THE INFORMATION SECURITY OF PERSONAL DATA WHEN SUBMITTING ELECTRONIC APPEALS TO THE PUBLIC AUTHORITIES

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ESTIMATION OF RECTANGULAR SEPARATOR EFFICIENCY

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DEFINITION OF SERVICE ANGLE OF ANDROID'S ROBOT HAND BY METHOD OF SMALL MOVEMENTS OF GRIPPER'S AXIS SYNTHESIS BY SPEED VECTOR

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DETERMINATION OF PARAMETERS OF THE AUTOMATED BACKUP PROCESS OF DIGITAL DATA FOR PRINTING HOUSES AND PUBLISHING HOUSES WITHOUT USE OF EXTERNAL NETWORK TECHNOLOGIES TRANSFORMATIONS



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TO THE QUESTION OF EFFECTIVE MODES MIXED LOAD WITH THE COMPLEX WAVEFORM CURRENT SUPPLY

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MATHEMATICAL MODELING OF THE PROCESS OF WATER-SOLINE TRANSPORT IN SOILS

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MATERIALS PROPERTIES CONTAINING THE ENERGY GRIDS FORCED INTERNAL COMBUSTION ENGINES APPLICATION

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METHOD FOR ESTIMATING THE SURFACE SHAGGINESS OF AN ELECTRIC-SPARK COATING

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PREDICTION OF SOUND INSULATION OF FLEXIBLE PANELS IN LOW FREQUENCIES WITH DYNAMICS AND VOLUME RELATIONS

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СОЕДИНЕНИЕ С НАТЯГОМ ПОВЫШЕННОЙ НЕСУЩЕЙ СПОСОБНОСТИ

INTERFERENCE JOINT OF ENHANCED BEARING CAPACITY

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ON A GENERIC TURING REDUCIBILITY OF C.E. SETS

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DYNAMICS OF REGULATORY MECHANISMS OF THE HUMAN ORGANISM ON THE BASIC HIERARCHICAL LEVELS OF THE ORGANIZATION

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CHAOTIC DYNAMICS OF THE CONTACT INTERACTION OF TWO BEAMS DESCRIBED OF EULER-BERNOULLI AND PELEKH-SHEREMET'YEV-REDDY HYPOTHESES

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DIFFERENTIAL METHOD FOR MEASURING THE MAXIMUM ACHIEVABLE TRANSMISSION COEFFICIENT OF ACTIVE MICROWAVE QUADRIPOLE

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EXPERIMENTAL STUDIES OF THE WORKING PROCESSES OF A RECIPROCATING HYBRID POWER MACHINE WITH A SLOT SEAL OF STEP-TYPE WITH VARIOUS WORKING FLUIDS



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WEAKLY EQUATIONALLY NOETHERIAN TREES

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APPLICATION OF STRUCTURAL EQUATIONS OF HEMODYNAMICS IN EVALUATION OF EFFICIENCY OF  
PHYSIOTHERAPY OF ARTERIAL HYPERTENSION

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THIN-FILM ELECTRONIC DEVICES BASED ON CONJUGATED STRUCTURES

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TURBULENT FLOW INVESTIGATION OF THE VACUUM BOILER AT BOILING

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COMPUTATION AND STRUCTURAL METHODS TO EXPAND FEED CHANNELS IN PLANETARY HYDRAULIC  
MACHINES

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PROBLEM SOLVING OF THE REGIMES ANALYSIS AT DESIGNING OF INNOVATIVE ELECTRICAL POWER  
SUPPLY SYSTEMS

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SYNTHESIS AND PHYSICO-CHEMICAL INVESTIGATION OF CALCIUM SILICATE HYDRATE WITH DIFFERENT  
STOICHIOMETRIC COMPOSITION

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NUMERICAL SIMULATION OF GAS FLOW IN POROUS STRUCTURES OF VARIOUS GEOMETRIES

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DETERMINATION OF EFFECTIVE DIAMETER OF SOLID PARTICLES FOR THE EULERIAN–EULERIAN  
MODELLING APPROACH OF FLUIDIZED BED

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DYNAMICS OF ANTI-VIBRATION MOUNT WITH QUASI-ZERO STIFFNESS

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METHODS AND MEANS OF DETERMINING THE OPTIMAL LOCATION OF INDUSTRIAL ENTERPRISES

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REGULATOR OF PRESSURE OF DIRECT ACTION WITH THE ELASTIC LOCKING-REGULATING ELEMENT



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ANALYTICAL DETERMINATION OF THE SOIL STRENGTH PARAMETERS BY THE NUMBER OF IMPACTS OF THE DYNAMIC INSTRUMENT FALLING WEIGHT

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FIRE-TUBE BOILER HEAT EXCHANGE SURFACES FOULING FORMATION

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DETERMINATION OF RELIABLE TECHNIQUES FOR CARRYING OUT MEASUREMENTS ON COORDINATE-MEASURING MACHINES

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ADDITIVE TECHNOLOGIES FOR PROTOTYPING. CONTROL GEOMETRIC CHARACTERISTICS OF PARTS FROM ABS PLASTIC TO DETERMINE THE ORIGINAL DIMENSIONS FOR PRINTING

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TWO-GRID ALGORITHM FOR THE SOLUTION OF SINGULARLY PERTURBED TWO-PARAMETER PROBLEM ON SHISHKIN MESH

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IMPLEMENTATION OF THE MODEL AND ALGORITHM FOR ASSESSING THE SECURITY OF INFORMATION IN AN AUTOMATED SYSTEM

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THE ALGORITHM FOR DESIGNING A PART GEOMETRICAL MODEL AIMED AT INCREASING THE PRECISION CONTROL

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TECHNIQUE FOR ANALYSIS OF DEFECTS OF PRODUCTS MACHINE BUILDING ACCORDING TO IATF 16949:2016 STANDARD REQUIREMENTS

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INVESTIGATION OF THE LIQUID EVAPORATION PROCESS IN A VACUUM CHAMBER WITH ULTRASOUND INFLUENCE

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OPTIMIZATION OF ENERGY EXPENSES AT CONVECTIVE AND CONDUCTIVE HEATING OF THE LIQUID IN CYLINDRICAL CAPACITY

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DYNAMIC SIMILITUDE FOR SMALL-SCALE RE-ENTRY EXPERIMENT

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RESEARCH OF RUBBER-CORD CHARACTERISTIC OF REDUCED RIGIDITY COMPENSATOR IN ABAQUS PACKET

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POWER PARAMETERS OF THE PROCESS OF HARDENING OF CYLINDRICAL PARTS BY A TOROIDAL ROLLER BY THE METHOD OF SURFACE PLASTIC DEFORMATION

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IMPUTATION OF INCOMPLETE MOTION DATA USING HIDDEN MARKOV MODELS

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REGULARITIES OF MOTION AND ACCURACY OF DOUBLE-SIDED PROCESSING OF CYLINDRICAL ROLLERS

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EDIT DISTANCE IN FREE LEFT-REGULAR BANDS

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CHARACTER RECOGNITION ALGORITHMS

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DETERMINATION OF GAS TEMPERATURE IN THE FLOW

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NONLINEAR DYNAMICS OF THE CONTACT INTERACTION OF A THREE-LAYER PLATE-BEAM  
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THE ARCHITECTURE OF THE MULTY-AGENT SEARCH SYSTEM OF THE COMPANY

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REDUCTION OF UNCERTAINTY WITH NON-CONTACT MEASUREMENT OF TEMPERATURE

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RESEARCH OF FRICTION SAFETY MULTIDISK COUPLING

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ОПЕРАТИВНЫЙ МОНИТОРИНГ РЕЖИМОВ ТРАНСПОРТА НЕФТИ ПРИ ЧАСТОТНОМ РЕГУЛИРОВАНИИ  
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INFLUENCE OF GEOMETRIC PARAMETERS OF PRISMATIC BENCHMARKS WITH U-SHAPED GROOVES ON  
THE KIND OF THEIR STRESS-STRAIN STATE

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THE METHOD OF CORRECT CALCULATION OF REGULATORS BASED ON NUMERICAL OPTIMIZATION

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COMPARISON OF TABULAR AND NUMERICAL METHODS OF DESIGNING REGULATORS FOR CONTROL OF  
OBJECTS WITH DELAY (

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NEW APPROACH TO RISK CONTROLLING IN INFORMATION SECURITY



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