
CONTENTS

POWER ENGINEERING

Azarov S.I., Evlanov V.M.

SIMULATION OF THE HEAT MASS TRANSFER AT A STORAGE FOR SPENT NUCLEAR FUEL....1

Beliaev V.K., Panenko E.M.

SELECTION OF TRANSFORMER DIAGNOSTIC MODEL FOR MONITORING
SYSTEM OF THE MECHANICAL CONDITION OF WINDING UNDER LOAD7

Duras M.V., Melnichuk V.V., Lavryshchev O.O.

DETERMINATION OF FACTORS INFLUENCING THE DECISION
ABOUT THE FEASIBILITY OF USING RENEWABLE SOURCES OF ELECTRICAL ENERGY14

Simeiko K.V., Sidorenko M.A.

THERMAL PARAMETERS OF HIGH-TEMPERATURE PROCESSING
FOR CARBON MATERIALS IN AN ELECTROTHERMAL FLUIDIZED BED.....18

RESOURCE DEVELOPMENT

Inkin O.V.

JUSTIFICATION OF TECHNOLOGICAL PARAMETERS PERATION
OF GAS STORAGE IN THE AQUARIUS STRUCTURES OF THE WESTERN DONBASS.....23

CHEMICAL TECHNOLOGY

Zolotarova O.V.

RESEARCH ON PATTERNS OF ALLOCATION PROCESSES OF AMMONIUM NITRATE
FROM THE EFFLUENTS OF CHEMICAL FACILITIES USING A PROCEDURE FOR DEPOSITION.....30

Ivanchenko A.V., Sudakova D.O., Grom A.O., Kryukovsky O.A.

STUDYING THE PROCESS OF BIOGAZES FROM PLANT MIXTURES
AND ITS IMPACT ON HUMAN ORGANISM.....36

Markina L.M., Kryva M.S.

PROVIDING AN ENVIRONMENTAL SAFETY IN THE THERMAL
DISPOSAL OF RUBBER-TECHNICAL WASTE41

Shtefan V.V., Yepifanova A.S., Metenkanych M.N., Poimanov A.D., Shkolnikova T.V.

MECHANISM OF CERTIFIED REACTIONS OF Co-Mo.....51

TECHNOLOGY OF FOOD PROCESSING AND CONSUMER GOODS INDUSTRY

Valevskaya L.A., Sokolovskaya O.G., Chumachenko Y.D., Ovsyannikova L.K.

CONSUMER PROPERTIES AND QUALITY ASSESSMENT OF QUINOA GRAINS57

Labzhynska M.Yu., Volodchenkova N.V.

RESEARCH OF QUANTITY AND QUALITY DEPENDENCE OF WET GLUTEN
IN WHEAT GRAIN FROM THE CONTENT OF SMUT GRAINS62

Pylypenko T.M., Yefimova V.G., Androshchuk S.P., Polishchuk M.V., Denysiuk I.V.

PHYSICAL-CHEMICAL CHARACTERISTICS OF FOAM
CLEANING COSMETIC PRODUCTS.....67

Simakhina G.O., Kaminska S.V., Naumenko R.Yu.

THE NEW APPROACHES TO CHARACTERIZING AND ESTIMATING
THE ORGANOLEPTIC INDICES OF FRESH AND FROZEN FRUIT AND BERRIES72

Telezhenko L.M., Vikul S.I., Napadovska M.S. A RECIPE DEVELOPMENT OF COTTAGE CHEESE DESSERTS FOR THE PREVENTION OF NERVOUS DISORDERS	78
Cheliabiiieva V.N., Turinova I.V. THE USE OF LENTIL FLOUR IN THE COOKIE RECIPE	87
Chorna A.I., Kalmazan V.B. METHOD OF MANUFACTURING YOGHURT WITH JAPANESE MATCHA TEA AND CHIA SEEDS.....	91
TRANSPORT	
Kazarezov A.Ya., Hal A.F., Haidai H.Yu., Hrieshnov A.Yu. LOGISTIC PROJECTS OF SEA PIPELINES	97
Pavlov G.O., Kulagin D.O. RESEARCH INFLUENCE OF RUNNING PARTS AGRICULTURAL EQUIPMENT ON THE SOIL DENSITY.....	105
Pushka O.S., Shevchuk V.V., Kutkovetska T.O. ENHANCEMENT OF THE OPERATIONAL EFFICIENCY OF MACHINE-TRACTOR AGGREGATES BY SOIL CULTIVATION USING THE GAS AND DIESEL POWER SUPPLY ACTIVITIES.....	111
Tiron-Vorobiova N.B., Romanovska O.R., Maksymov S.B. RIVER TRANSPORT OF UKRAINE: MODERN REALITIES AND PROSPECTS	116
CONSTRUCTION	
Stojanov V.V., Jgalli S. NUMERICAL SIMULATIONS OF SNOW LOADS ON A CURVED ROOF AND MODERN ARCHITECTURAL SHAPES.....	121
Chichulin V.P., Chichulina K.V. DESIGN OF STEEL TANKS FOR STORAGE OF HYDROCARBONS.....	133
GEODESY	
Kovalenko L.O. USE OF GEODESIC METHODS FOR DETERMINING THE PARAMETERS OF THE ROADS OF THE AUTOMOBILE ROAD	138
Mikhno P.B. MODELING THE LIFE CYCLE OF DISTURBED LANDS	141
Nesterenko S.H., Radzinska Yu.B., Shaulskiy D.V. MECHANISMS OF RATIONAL DISTRIBUTION AND USE OF LANDS OF UKRAINE OF REGIONAL PURPOSE.....	147
Ratslav V.V. USING MONITORING ECOLOGICAL AND ECONOMICAL PROBLEMS OF USING AND PROTECTING WATER RESOURCES OF DONBASS.....	151
Rusina N.H., Liulchyk V.O. SOFTWARE OF GEODESY CALCULATIONS IN THE LAND MANAGEMENT	156