ABSTRACTS

Energy saving

A. B. GRIGOROV. EXPRESS TRAIN - METHOD OF DEFINITION OF THE PO-TENTIAL CONTENTS OF LIGHT FRACTIONS OF OIL

V.I. VINNICHENKO, N.Ju. VITSENKO. PHYSICALAND CHEMICAL RESEARCH SILICATE BRICKS OBTAINED BY AUTOCLAVING AND ENERGY-SAVING TECHNOLOGY

Yu. V. DZYADYKEVYCH, B. R. HEWKO. WAYS TO SAVE POWER IN PUBLIC HOUSING

Power engineering

A.I. YAKOVLEV, B. M. KOBTSEV, V. V. PANOV. APPLICATION OF ABSORPTION I. HEAT PUMP FOR THE UTILIZATION OF HEAT OF OIL OF OIL-SUPPLY SYS-TEM OF TURBINES K-210-130 LMZ WITH INCREASE ITS ELECTRIC POWER

A. N. MINKO, K. A. KOBZAR. THE FAULTS OF THE SYSTEMS OF THE COOL-ING TURBO-ALTERNATOR. MODERN RECOMMENDATION ON REPAIR

Alternative energy sources

N. N. BOLOTSKYKIH. INFRARED HEATING LARGE-SIZE WORKSHOPS WITH THERMOPANELS

Systems of infrared heating large-size workshops using water termopaneley are described. The recommendations of their effective using are given.

I. A. NEMIROVSKY. PROCESSING OF HARD DOMESTIC WASTES: PRBLEMY AND DIGNITIES

Yu. V. KURIS. THEORETICAL ASPECTS OF OPTIMIZATION OF THE ENER-GOSISTEM BIOGAZOVOY SETTING

CBU Optimization – is the best definition of all possible options for the selected criteria of its effectiveness. Integrated, system optimization aims choice of these parameters (technological, structural and others. That would ensure optimal or close to optimal value criterion of efficiency

These models, relying on well-developed mathematical formalism of graph theory, to analyze and obtain the optimal layout CBU quite simply, not ustupayuchy while on approach mathematical rigor and generality of the results of mathematical models and other methods.

This paper shows the further development and generalization of the method ekserhotopolohichnoho modeling applied to CBU.

S.V. SUSLIKOV. IMPROVING THE METHOD OF PREDICTION OF CHANG-ES IN THE COST OF ENERGY IN THE CALCULATION OF THE EFFICIENCY OF THE IMPLEMENTATION OF TECHNOLOGIES SOLAR ENERGY

Scientific and technical progress and efficiency of production

Y. E. MEGEL, A. P. RUDENKO, A. I. RYBALKO. MATHEMATICAL MODEL OF TASK OF OPTIMIZATION AND METHOD OF HER DECISION FOR MINIMIZA-TION OF LOSSES IN NETWORKS