ABSTRACT

Economy

In the article the value of large cycles of the economic state of affairs of Kondrat'eva is analysed at determination of strategy of technological breach. It is rotined that a phase of depression is the most favourable time for mastering and introduction of new-wave of base technological innovations. In the phase of depression scale and effective state measures are required on support of the financial system of economy and social sphere, and reality of technological breach wholly depends on ability of government to foresee and actively assist an innovative process in periods of depression and revival, when the synergetics effect of his strengthening takes place. Basic factors, providing realization critically meaningful for becoming of the new mode of projects, are certain.

A. A. KOSTENKO. THEORETICAL ASPECTS OF THE REALIZATION OF THE TECHNOLOGICAL REENGINEERING ON THE INDUSTRIAL ENTERPRISES..12

The article analyzes theoretical aspects of Technological Reengineering on the industrial enterprise. Technological Reengineering is seen as a system of fundamental transformation of technological processes. It helps enterprises to get out of the crisis, supports their rapid adaptation to market conditions, Technological Reengineering innovates their production systems and as result ensures the innovation monopoly of the industrial enterprise on the market.

In the article the program budget is considered as a factor of effective economic development. All this will really help to select the best option to achieve goals with a reasonable investment of financial, human and other resources.

Energy saving

In the article concrete measures are described on the effective use of fuel and energy resources on the railways of Ukraine in 2013.

The components of energy and resource saving of the system of municipal pumping stations complex efficiency improvement have been grounded. Technical and economic parameters of the introduction of such a system with the components of the primary and secondary effects have been defined.

Efficiency of investments in energy-savings (on Kharkiv Combined Heat and Power Plant N_2 5 information) is appraised in the article. The advantages and failings of estimation capital investments in energy efficiency by operating methods are curtained, the directions of operating methods improvement are grounded.

ABSTRACT

Power engineering

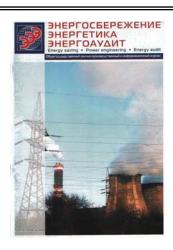
The daily heat production of flat plate and evacuated tube solar thermal collectors installed in the experimental solar system in Kharkiv region is analyzed. An approximated analytical expression for estimation of the daily heat production, depending on the length of daylight and cloudiness is proposed.

Ecological management

Maintenance and essence of concept is considered ecological management and prospects of his application and introduction on the enterprises of Ukraine.







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