

VII International Scientific Conference

“The Role of Science in Society”

Machine Building and Engineering

Prospects of Plasma Chemical Reactors in Power Engineering and Electrometallurgy

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Key words and phrases: electrometallurgy; energetics; nanostructures; plasmachemistry.

Abstract: Investigated advanced technologies catalysis heat and electrogeneration on the basis of plasma-chemical processes in electric discharge and near nanostructured surfaces of the electrodes. Performed experimental researches of plasma-chemical thermal and physical effects in systems of low energy particles near the surface of nanostructures. Discovered effects are manifested in changes in the chemical composition of electrolytes and can be used in innovative energy nanotechnology and electrometallurgy.

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Economic Sciences

Strengthening of Market Mechanism to Enhance National Investment

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National Academy of Economics Institute, Baku (Azerbaijan)

Key words and phrases: national economy investments; investment development; fixed assets; market economy; market mechanism.

Abstract: The article deals with the direction of the growing influence of the market mechanism to enhance national investment. The analysis of the current level of domestic and foreign investments in Azerbaijani economy for various financing.

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Direct Foreign Investments in Azerbaijan’s Economy and Evaluation of Growth

Opportunities for Its Competitiveness

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Key words and phrases: national economy; investments; sectoral structure; competitiveness; innovation; innovative development; new equipment and technology.

Abstract: The article deals with the current state of foreign direct investments in Azerbaijan’s economy and the evaluation of growth opportunities for the competitiveness of the national economy. In the course of the study the existing problems were examined and proposals for their solution were made.

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Strengthening the Influence of Production Mechanism on the Development of Market Economy

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Key words and phrases: market economy; physical volume; high tech process.

Abstract: The article analyzes the acceleration of the process of transformation of the national economy of Azerbaijan, effectively developing market economy, which finds its place in creating economic structures in various sectors of the national economy.

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Political Sciences

To the Question of Creating Common Information Space between Russia and China

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Key words and phrases: China; information; information space; media; Russia.

Abstract: The article deals with opportunities, assumptions, and the justification for the creation of a common information space between Russia and China. Having considered

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the general state of the problem, the author concludes that its comprehensive solution lies in the creation of Chinese- Russian media holding.

The Struggle for Leadership and Rivalries between the Rebel Groups as a Cause of African Union Difficulty in Conflict Resolution in Darfur

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Key words and phrases: Sudan; Darfur; Omar el Bashir; peace process; reelection; conflict; rebels; African Union.

Abstract: The present article analyzes the internal causes of African Union (AU) difficulty to resolve the conflict in Darfur. The most important attention is paid to the struggle for leadership and rivalries between the rebel groups as one of the most considerable difficulty of AU in peace process of Darfur.

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