SUMMARY

Subject of the thesis: "Trends of the scientific and technological progress development and its impact on the global economy at the present stage."

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Relevance of the research subject: Currently scientific-technical progress (STP) is one of the main driving forces throughout the world, the economy in particular, also penetrating into all spheres of public production. STP largely determines the image of the global economy, global trade and relationships between countries and regions. It gives the opportunity to make full use of powerful natural forces and resources to the service and benefit of a man, that is improving and simplifying the life of the mankind. STP turns production into a technological process with conscious use of different kinds of science.

Application of achievements of scientific and technological progress as well as the proper conduct of the innovation and technology policy is one of the main ways of overcoming the crisis and normalization of functioning of the real economy. Therefore, the development of science and technology forms the conditions for sustainable development, which is an integral part of the economic growth of the country, and also determines the level of its development. The above mentioned indicates the relevance of the chosen topic.

The purpose of the research: analysis of the scientific and technological progress of the countries and its role in the world economy.

Objectives of the research:
- to study the scientific and technological progress, its nature, directions and forms;
- to study the concept, nature as well as characteristic features and mechanisms of the world economy;
- to determine the impact of scientific and technological progress on the development of the world economy;
- to estimate the economic growth of countries of the world economy;
- to estimate the dynamics the scientific and technological progress in the developed and developing countries;
- to analyze of scientific and technical progress and to propose ways of stimulating the economic development of our country.

Scientific novelty: This work has revealed the impact of the scientific and technological progress on the global economy. There were detected the main problems and were proposed key measures to improve the efficiency of use of this
factor for the economic development of national economies and the world economy as a whole.

**Structure:** introduction, two chapters, containing six paragraphs, conclusion, four tables and three pictures, a 52-reference bibliography (7 of which are in foreign languages) and three applications. The total volume is 79 pages.

**Summary:** The STP is an important part of international economic relations, as well as one of the most important factors in the development of the world economy, aimed at improving the efficiency of production and satisfaction of human needs. Formation of a perspective scientific and technological base is a prerequisite to ensure the modernization and accelerated technological development of the branches of the entire world economy.

There is a need for government and private regulation of the STP for the purpose of economic development of countries, since the economy depends on material and financial possibilities of the country, which in case of the critical state will cause problems on the world level. The main directions for improvement of the scientific and technical progress and implementation of the scientific achievements for economic development of our country are as follows: increasing the funding of research and development (the necessity of improvement of state support and more active participation of industrial companies, including state supported companies), creation of favorable conditions for attraction of young scientists who can carry out scientific researches and developments that will lead to higher rates of production growth, which, in turn, will allow Russia to organically integrate into the world economy.