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Problems of Scientific Forecasting in the Development of Modern Science and Modern Philosophy

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Annotation: The article philosophically analyzes the possibilities and features of scientific foresight in the development of science and philosophy, its epistemological aspects. It is recommended to widely use its capabilities for the further development of science and scientific research.

Keywords: knowledge, prophecy, social prophecy education, virtualism, scientific research, scientific knowledge, scientific methods

In the development of philosophy and science, the issue of studying the scientific and methodological possibilities of prophethood has always been seriously addressed. Especially in the twentieth century, the rapid development of science led to a high degree of improvement in technology and various technologies. This process, in turn, increased opportunities for future scientific research.

Currently, it is important to expand scientific knowledge based on the study of various processes associated with the rapid development of civilization, to rely on the capabilities of scientific knowledge in predicting previously unknown threats and dangers. Because it is precisely the need to forecast and plan the life of nature and society that is one of the most important problems of our time.

Also, based on the requirements of the modern social environment, it should be noted that the methodological directions of scientific forecasting play a special role in creating ideas not only about human life and its prospects, but also about the future of nature and society. Using one person's knowledge and experience in this process is insufficient. It is no coincidence that in our time, scientific prediction requires the heuristic (research) activity of the entire scientific community.

In this regard, in the USA - the REND Corporation, the Hudson Institute, the Institute for Future Problems, in Great Britain - the "Committee for the Next 30 Years" under the Social Research Union. In the Federal Republic of Germany - the Institute of Future Economic Research of Vikert, in Italy - the Institute of Applied Economic Research, as well as the Centers of the Future in Berlin, Sweden, Denmark, Norway, Belgium, the Netherlands, Switzerland, Russia, China, and other countries. We all know that the Club of Rome holds a special place among these futurological organizations.

It should also be noted that in contemporary world philosophy, D. focuses on science fiction, art philosophy, and futurological views on solving problems related to prophecy. Bell, L. Brown, A. Wilson, D. Gabor, W. Diizard, W. Johnson, F. George. K Kumar, Dj. Martin, C. Omaye, B. Stinbergen, J. Bell, Z. Bezezinski, G. Cunn, J. Nesbit, E. Toffler, B. Lada, F. Fukuyama, J. Martin, and others. The works of Ellul and other scholars are not only an important scientific resource for the aforementioned

centers of future research but also play an important role in improving active scientific research.

Some of the scientists mentioned above express global scientific forecasts in their research in the form of global modeling. They are performed using complex multidimensional mathematical models that reflect their views on the future and how global development might be now and in the future. They are expressed in a number of socio-economic, demographic, and other similar areas that are interconnected in time. Models are mainly developed in three variants: optimistic, realistic, and pessimistic. An example of this is the views of the aforementioned scholars on the future

In today's world, where new intellectual technologies are emerging and the share of so-called "informed labor" is constantly growing, the development of many countries and regions is being carried out in accordance with international programs and projects. Finally, now foresight has acquired scientific forms and has been institutionalized into a specific field of activity.

At the same time, the philosophical and methodological possibilities of forecasting in the development of scientific knowledge and paradigms of science are actively being researched at prestigious universities and research centers such as the National University of Uzbekistan, Nizami Tashkent State Pedagogical University. In the past, these research centers conducted various research in various fields, including philosophy, economics, history, and other general sciences, to reveal the scientific concept of prophethood.

Currently, special attention is being paid to forecasting the main trends of modern history worldwide, especially in developed countries. Reporting on this, Doctor of Philosophy, Professor J. Ramatov emphasizes that in this regard, great importance is attached to the trends of social development through the reformation of modern societies, that is, their continuous modernization. According to him, such categories as "social development," "megatendent," "futurological reality" are used in this direction, and on this basis, it is important to identify global changes in the world and in individual countries and their impact on specific aspects. Research shows that modern scientists use many diverse scientific methods and tools of cognition in their future research. According to N. Shermukhamedova, there are more than 200 such methods and tools, which are combined in the following ways:

- extrapolation;
- historical analogy;
- modeling;
- expert assessment
- Future scenarios, computer modeling of social events, description of future events, expert evaluation.

Professor B.Tuychiyev draws attention to the special role of modeling in understanding the phenomenon of social processes. The scholar argues that modeling as a scientific method based on the indirect study of being is characteristic of all spheres of modern society. Using this method, he acknowledges that the research process has its own characteristics and possibilities for understanding the future with its widespread use in situations where it is impossible to directly study complex objects in long-term situation.

It is in these three directions that futurological problems in contemporary concepts are studied. Special attention is paid to studying the theoretical and empirical aspects of scientifically substantiated futurological problems. Using futurological methods in the analysis of social reality is the basis for new approaches. The formation of the concept of dynamic concrete space in natural science has shown that any uncertainty at the initial point of the system begins to increase over time, and over time, we lose the ability to predict. This is the case with most people studying economics, psychology, and sociology.

From this point of view, any new approach reveals unexplored aspects of the analysis of things, events, and phenomena, their previous methods.

Currently, the role of scientific forecasting in further strengthening and developing our country's independence is increasing. In this regard, under the leadership of President Shavkat Mirziyoyev, great importance is attached to the strategic development of the Republic of Uzbekistan, the sustainable development of the country, the protection of its national interests and the further acceleration of comprehensive reforms, the formation of a new image of our society.

In this regard, at the present stage of our country's development, the Decree of the President of the Republic of Uzbekistan Shavkat Mirziyoyev "On the Action Strategy for the Further Development of the Republic of Uzbekistan" of February 7, 2017, and the Action Strategy approved by him clearly reflect this reality and modern requirements. This, in turn, means that at certain turning points in the history of each society, the universal principle of determining the most important strategic goals and priorities for the fate of peoples on the path of development, as well as scientific forecasting, became a vital necessity.

Currently, this strategy, implemented under the leadership of the President, demonstrates that our country is confidently moving along the path of reforms and development in all spheres of life. In this regard, it is important to conduct a practical analysis of scientific forecasts of updates and changes, as well as their immediate and long-term results.

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