

# Review of Monograph «International High-Tech Transfer and National Security: Trends, Challenges, Prospects»

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**Abstract**–The review of monograph «International high-tech transfer and national security: trends, challenges, prospects» (Omelyanenko V.A.) presents the main important aspects of presented research. The main scientific results are outlined and discussed.

**Keywords** –technology transfer, national security, strategy, innovations

The relevance of the proposed by Dr. Vitaliy Omelyanenko monograph «International High-tech Transfer and National Security: Trends, Challenges, Prospects» [1] is defined by several important aspects.

Firstly, the book constitutes a review of national security and innovation processes of a global nature. The answer to this question will allow to present in a more detailed form the substantive side of the foundations of modern economic development.

Secondly, it is important to understand whether the global innovation gap is accidental or whether it is a natural phenomenon that is the result of a number of processes at the country level and at the global level. Identifying the nature of the innovation gap and its impact on national security involves addressing the specific problems of innovative development of countries and regions. Due to the fact that the innovation system acquires a global form and content, one of the theoretical and practical problems is the formation of the principles of international transfer of high technology.

Finally, thirdly, a positive solution to the issue of reducing the global innovation gap means understanding the problems that arise in the way of its formation, namely, the problems of forming effective national innovation systems that are the basis of national security.

For applied research, the author considers the space industry, and this is a very diverse and wide scope of research on the features of high-tech management in the international dimension. Thanks to this approach, the author was able to approach high-tech areas as an important category, analyze them in general and identify patterns of development within the global innovation system.

Monograph, written by Omelyanenko V.A., has a dual idea: on the one hand, it is theoretically devoted to the analysis of current trends of globalization of innovation processes with the selection of trends in international technology transfer, and on the other it is aimed at developing practical recommendations for improving the national innovation system by creating conditions for national security and international transfer of high technologies that are intersectoral in nature.

The author's proposals on the need to choose a certain type of strategy for the development of the state from the standpoint of the ratio of specialization and the expected economic effect are of systemic value. Indeed, today's innovation priorities in Ukraine are formulated so vaguely that they are not, in fact, a real basis for national security.

Provisions proposed by the author on the formation of a single information and communication field based on the maximum use of existing scientific and technical backgrounds in combination with ensuring the fastest and most complete development of modern world-class solutions based on interaction in the innovation ecosystem. The practice of today's regulation in this area proves that without the management of a wide range of interactions in the framework of technology transfer it is impossible to ensure the systematic functioning of the national innovation system.

The practical value of the monograph «International high-tech transfer and national security: trends, challenges, prospects» is that the results of research and achievements of the author cover various aspects of the impact of international high-tech transfer on national security, and can be useful for business leaders (organizations), institutions) of various branches, representatives of state bodies of executive and legislative power, educators, scientists and students of economic specialties. Given the relevance, practical significance and novelty of the monograph, it is useful for scientists and practitioners.

## REFERENCES

- [1] Omelyanenko, V. (2017). International high-tech transfer and national security: trends, challenges, prospects, Tritoria. Sumy.