

Research on Political Economics with Innovative Development Promoted by New Quality Productive Forces

Xuan Chen

Guangxi Police College,530028

Abstract: Innovation is the first driving force leading development and the strategic support for building a modern economic system. In the present era, productive forces have developed to a new stage, which is mainly manifested by the emergence and wide application of new production factors represented by new quality productive forces. With the continuous development of the new quality of productive forces, the relationship is also constantly changing between the elements of productive forces. In this context, in order to achieve innovation-driven development, we need to conduct in-depth research on new quality productive forces and the issues of innovative development from the perspective of economics, so as to provide theoretical guidance and practical guidance for promoting the high-quality economic development in our country.

Keywords: New quality productive forces; Innovative development; Economics

1. Introduction

We should promote the deep integration and the complementary advantages of advanced manufacturing and modern service industries, and constantly upgrade the level of the industrial chain. In the new round of scientific and technological revolution and industrial transformation in the world today, the new production factors represented by the new quality productive forces are playing an increasingly important role in the economic development of various countries. With the development of the digital economy, it is accelerating that the deep integration of the digital economy and the real economy, and it is also becoming increasingly prominent that the empowering role of the digital economy on traditional industries. Innovation is the primary driving force for development, and innovative development is the only way for China's high-quality economic development in the new era. Therefore, this paper analyzes the relationship between innovative development and productive forces from the perspective of new quality productive forces. By combing and summarizing the research results on productive forces and innovative development at home and abroad, taking Marxist political economy as the guiding ideology, Marxist economic methods are used to analyze and solve the problems of Innovation-driven development. This paper tries to make some innovations in the research content: Firstly, the new quality productive forces are added to the analysis of production factors; Secondly, the paper puts forward some measures and suggestions to promote the development of the new quality of productive forces with the current economic conditions in China.

2. Connotation of New Quality Productive Forces

Factors of production play an important role in the development of productive forces. Regarding the connotation of new quality productive forces, there are mainly two viewpoints in the academic circle: One is that new quality productive forces are the new production factors composed of data, algorithm and computing power with information technology as the core. Another view is that new quality productive forces are the new production factors represented by artificial intelligence and big data.

The new production factors based on digital information technology have the characteristics of new quality, which are as follows: One is its data-driven nature. Data is an indispensable production materials and important production factors in the production process, and it plays a core role in the development of new quality productive forces. Secondly, it has algorithmic properties. As one of the core contents of new quality productive forces, algorithm adjusts, optimizes and integrates the relationship among the factors of new quality productive forces. Thirdly, it has computational power. Computational power is the basis for the development of intelligent technology, and it is also the key to the realization of intelligent new quality productive forces. The specific performance

is as follows: firstly, the intelligent production process is formed by the computational power through the algorithm; Secondly, the computational power shows the characteristics of high efficiency and high quality when processing complex information; Thirdly, the computational power forms the ability of intelligent decision-making and automatic execution through algorithms. In terms of artificial intelligence, artificial intelligence can generate a large number of high-quality products and services by using knowledge and algorithms to analyze massive data. In terms of big data, big data technology has provided possibilities for precision marketing, market forecasting, etc., and driven changes in production and consumption. In general, compared with the traditional productive forces, the new quality productive forces have stronger innovation, higher science and greater market value.

3. Theory of Technological Innovation and Technological Diffusion

Technological innovation refers to the use of science and technology to create new products, processes or services, or improve existing products, so that they can better meet people's needs, and can bring more profits. Technological innovation can be divided into three forms: technological invention, technological introduction and technological diffusion. Technological diffusion refers to the process in which existing products, processes or services are transmitted to other areas through various forms in the market in a certain region, so that new products can be popularized. It is the most important means of knowledge dissemination and the main channel for innovation diffusion.

American economist J.S. McKinnon believes that technological innovation is the core driver of economic growth. He believes that "in order to obtain and maintain competitive advantage, it is necessary to make it difficult for competitors to imitate their technology", which is also the core of technological innovation; "Only through competition can we truly succeed." Therefore, in order to gain a competitive advantage, it is necessary to leave the competitor behind, or surpass it. Technological innovation is to constantly learn and imitate the advanced technology mastered by competitors to create new products, new processes, new services, etc., to meet consumer needs. Therefore, technological innovation is a long-term process. In this process, there will be many uncertainties.

On the one hand, it is due to the high risk of new technology research and development; On the other hand, the problem of information asymmetry still exists. Therefore, enterprises should carry out innovation activities in a market-oriented manner, while taking full account of technology diffusion. From the perspective of economics, in order to promote innovative development and achieve high-quality development, we must pay attention to and solve the problem of technology diffusion.

4. The Path of Promoting Economic Growth Through New Quality Productive Forces

The new quality productive forces are the productive forces formed by the combination of new production factors and advanced production factors, which play an important role in promoting economic growth. Before analyzing the path of promoting economic growth, it is necessary to discuss the connotation and characteristics of the new quality productive forces. From the perspective of economics, the new quality productive forces refer to the introduction of new production factors and advanced production factors, so as to promote the further development of productive forces.

The new quality productive forces promote the flow and deepening of capital. As an important input factor in production, capital plays an important role in innovation and development. After the introduction of capital, the new quality productive forces will promote capital flow, thus promoting innovation-driven development. Technological progress and diffusion are the typical knowledge production process. In modern society, innovation is a process of continuous accumulation. This kind of accumulation is mainly reflected in two aspects: firstly, internal employees constantly update their knowledge; The second is to introduce, learn and absorb advanced technologies or achievements from outside the enterprise, so as to improve the production efficiency and product quality of the enterprise; The transformation of traditional industry to new quality industry will bring about the change of old and new production factors, thus promoting the adjustment and optimization of industrial structure.

5. Understanding of New Quality Productive Forces in Socialist Political Economy with Chinese Characteristics

In the theoretical system of political economy of socialism with Chinese characteristics, productive forces are a main line that runs through all the time. On the research of the productive forces, the theoretical circle of our country is also continuously deepening. Especially since entering the 21st century, there has been a new development concept represented by new quality productive forces in the world, and it has been widely recognized. Therefore, from the perspective of the productive forces, China's new quality productive forces research has formed a relatively complete theoretical system.

Firstly, the new quality development thought system in our country provides a scientific guidance for the new quality development theory in our country. Since the 18th National Congress of the Communist Party of China, China has put forward innovative ideas such

as innovation is the first driving force leading development and talent is the first resource supporting development, which provides important ideological support for the development of new quality. Secondly, the theoretical system of new quality development in China is the inheritance and innovation of the productive forces of Marxist political economy. Marx believes that production itself is of duality, and there are both productive forces and production relations in the production process, and it is reflected as a certain mode of production. China's new quality development theory system emphasizes the dialectical unity between production relations and productive forces, which is fully reflected in the political economy of socialism with Chinese characteristics.

6. Conclusion and enlightenment

New quality productive forces are important forces to promote economic and social development. The development of new quality productive forces has not only improved production efficiency, but also promoted technological innovation and industrial upgrading, providing a strong driving force for economic growth. In the political economy of socialism with Chinese characteristics, new quality productive forces are regarded as an important basis for socialist modernization. The theory of technological innovation and technological diffusion is of great significance for understanding the development of new quality productive forces. Technological innovation is the key factor to promote the development of new quality productive forces, and technology diffusion is conducive to the application and promotion of new quality productive forces in a wider range. These theories provide us with ways to understand and respond to the challenges and opportunities presented by the development of new quality productive forces. The path of new quality productive forces to promote economic growth is as follows: Firstly, the development of new quality productive forces promotes technological innovation, thus improving production efficiency; Secondly, technological innovation promotes industrial upgrading and makes the industrial structure more optimized. Finally, industrial upgrading has brought economic growth and improved people's living standards. These paths provide guidance for us to promote the development of new quality productive forces in practice. The understanding of the new quality productive forces in the political economy of socialism with Chinese characteristics provides us with theoretical guidance. The political economy of socialism with Chinese characteristics emphasizes the important role of new quality productive forces in economic and social development, and puts forward a series of policies and measures to promote the development of new quality productive forces. These theories provide us with ways to understand and respond to the challenges and opportunities presented by the development of new qualitative productive forces.

In short, new quality productive forces play a crucial role in promoting innovation-driven development. Through the in-depth study of new quality productive forces, we can better understand the political economy of socialism with Chinese characteristics and provide theoretical support for economic and social development. In the future, we should continue to pay attention to the development of new quality productive forces, with a view to providing a strong driving force for the realization of socialist modernization and the great rejuvenation of the Chinese nation.

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