

изменения и выявлена главная задача наградной системы. Отдельным аспектом определён статус и влияние награждений на состояние дисциплины военнослужащих, а также выявлены основные тенденции наградной системы военного времени.

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THEORY OF ECONOMIC WAVES (CYCLES) AND CYBERNETIC REVOLUTION

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In modern world economics Kondratieff's cycles (waves) are recurring cycles including ups and downs associated with fundamental technological changes. The wavelength is about fifty years.

We noticed the decreasing birth rate with exceeded rate of mortality simultaneously during the last three decades. This situation is described as demographic crisis by statisticians. The average life expectancy increases despite the fact that the CDR (crude death rate) is higher than the CBR (crude birth rate). Thus, it's a problem for modern world related to the rapid increasing in the number of pension age.

The purpose of this thesis is to research the problem that is relevant to modern economy and the society in general.

The beginning of the work is an investigation of economic theories. It's necessary for all reasonings to have a scientific basis. We have studied the theory of production principles, production revolutions, and the theory of long cycles.

We have considered the connection between Kondratieff's economic waves, production principles and production revolutions. The first three stages of production principles correspond to the three phases of the production revolution: the initial innovation phase, the modernization phase, and the final phase. We found out that the first, second, and third phases of the scientific-cybernetic productive principle practically coincide in duration with the fourth, fifth, and sixth waves of Kondratieff, in total it is about 110 years.

The modernization phase of the cybernetic revolution will last until the 30s years of the XXI century. One of the first spheres where the final

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innovation phase will begin is medicine. We may assume that the main role of biotechnologies is to solve the most important medical problems.

We found out that self-regulating systems are pre-programmed systems that intelligently respond to feedback from environment. Such systems will be the final phase of the cybernetic revolution. The cybernetic revolution is the technological transition from industrial production to production using self-regulating systems.

A forecast of the elderly population for the next 30 years was made. We analyzed data from previous years (1950-2019) for this work. In the process of analyzing the data, we come to the conclusion that the number of elderly people is only increasing over the years.

To sum it up, we note that in 2050, the population aged 60+ will increase by 2 times, the population of 80+ will increase by 3 times, compared to current year. Thus, the problem that combines the demographic crisis and the increasing of the average life expectancy should be solved in the near future, in order to avoid large losses in the labor and capital markets.

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COMPARAISON DES CAUSES ET DES CONSEQUENCES DES RÉVOLUTIONS FRANÇAISE ET RUSSE

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Ключевые слова: la Révolution française, la Révolution russe, les causes de la révolution, les transformations sociales

L'objectif de notre étude consiste à analyser et à comparer la Révolution française (1789) et la Grande Révolution russe (1917).

On a utilisé le méthode d'analyse théorique et le méthode de comparaison des résultats de recherches de deux révolutions.

La Révolution française de 1789 et La Grande Révolution d'Octobre en Russie occupent une période importante de l'histoire de leurs pays.

On a choisi à comparer les causes et les conséquences des révolutions française et russe. Nous avons étudié les documents et les articles sur cette problématique pour chaque pays et nous avons comparé les résultats des révolutions en France et en Russie.

Il y a beaucoup de causes de la Révolution française. Elles viennent surtout de l'impossibilité de la royauté à se moderniser à la fin du XVIII-ème siècle. Et comme résultats la Révolution a mis en avant trois idées

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