



**RAQAMLI TEXNOLOGIYALARNING
YANGI O'ZBEKISTON
RIVOJIGA TA'SIRI**

Xalqaro ilmiy-amaliy
konferensiyasi to'plami

21 IYUN

2023





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**ВЛИЯНИЕ ЦИФРОВЫХ ТЕХНОЛОГИЙ НА РАЗВИТИЕ
НОВОГО УЗБЕКИСТАНА**

**IMPACT OF DIGITAL TECHNOLOGIES ON THE DEVELOPMENT
OF NEW UZBEKISTAN**

Xalqaro ilmiy-amaliy konferensiyasi maqolalar to'plami



JUNE 21, 2023
KOKAND UNIVERSITY

"O'zbekiston Respublikasi Oliy ta'lim tizimini 2030 yilgacha rivojlantirish konsepsiyasini tasdiqlash to'g'risida" O'zbekiston Respublika Prezidentining 5847-sonli Farmonida ko'zda tutilgan vazifalardan biri – ilmiy izlanish yutuklarini amaliyotga joriy etish yo'li bilan fan sohalarini rivojlantirish, ya'ni xalqaro ilmiy hamjamiyatda e'tirof etilishiga xizmat qilishdir. Shu va boshqa tegishli farmonlarda va qarorlarda belgilangan vazifalarini amalga oshirish maqsadida 2023 yil 21-iyun kuni Qo'qon universiteti "Raqamli texnologiyalar va matematika" kafedrası "Raqamli texnologiyalarning Yangi O'zbekiston rivojiga ta'siri" mavzusidagi xalqaro miqyosida o'tkaziladigan ilmiy-amaliy konferensiyasi maqolalar to'plamini e'lon qiladi



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FUNCTIONAL RELATIONS AND FUNCTIONAL MODELS OF THE PARTICIPANTS OF THE INFORMATION COMMUNICATION MARKET

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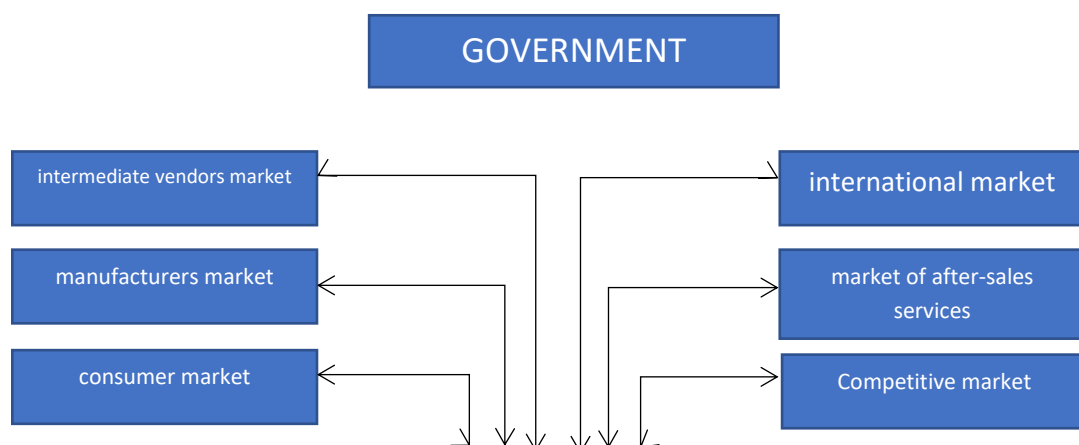
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Annotation: This article examines the processing of information products, the development of communications, the structure of the information industry, the formation of a global and national data transmission network, the significant impact on the formation of the information market, various methods and functions of the information market.

Keywords: Functional Communications, Information Communications, Information Business, After-Sales Services Market, Environment.

To date, there have been a variety of information and communication businesses engaged in the collection, processing, transmission and preparation of information resources based on the individual needs of consumers, which are the basis of this market. The formation of market relations between the participants of the information and communication business, the development of specific methods of competition and the emergence of potential consumers - all this indicates the formation of international and national interactive services. There are information products that reflect our future and will not be in high demand for a long time. This type of information product should not be lost, because the lack of information provided by science slows down the development of society.[E.X.Butayev 2021y] The following is a diagram of the organizational and functional relations between the participants of the information market of the Republic of Uzbekistan.



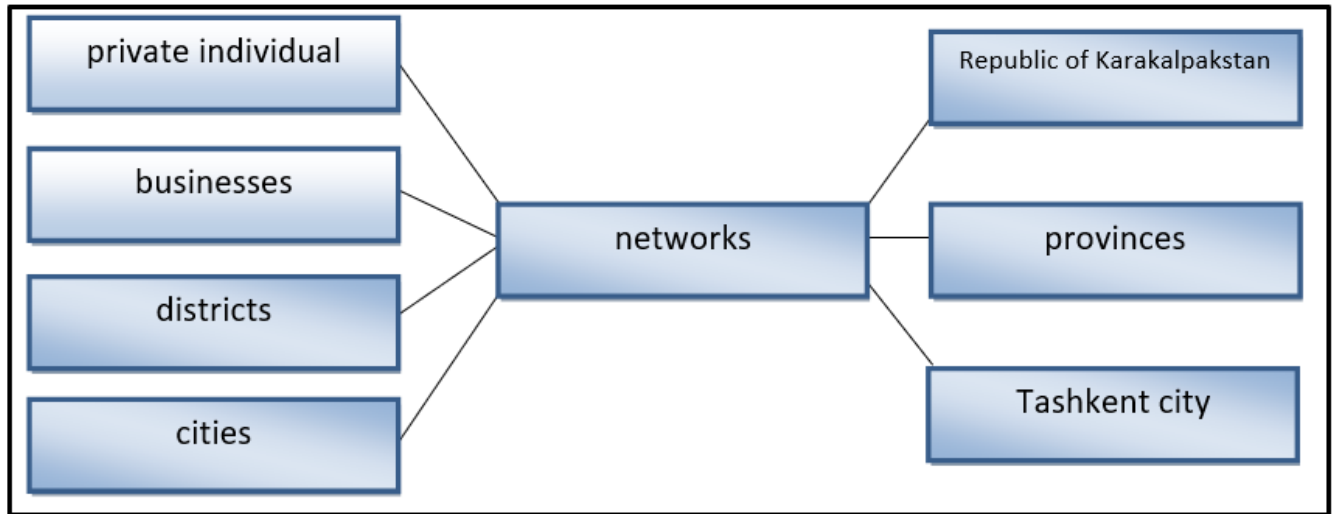


Table 1. The scheme of organizational and functional relations between the participants of the information market of the Republic of Uzbekistan.

It shows that the segments, objects and subjects and participants of the information and communication market form a whole system. The analysis of the achievements of global information and communication technologies has allowed to develop a functional model of the information and communication business.

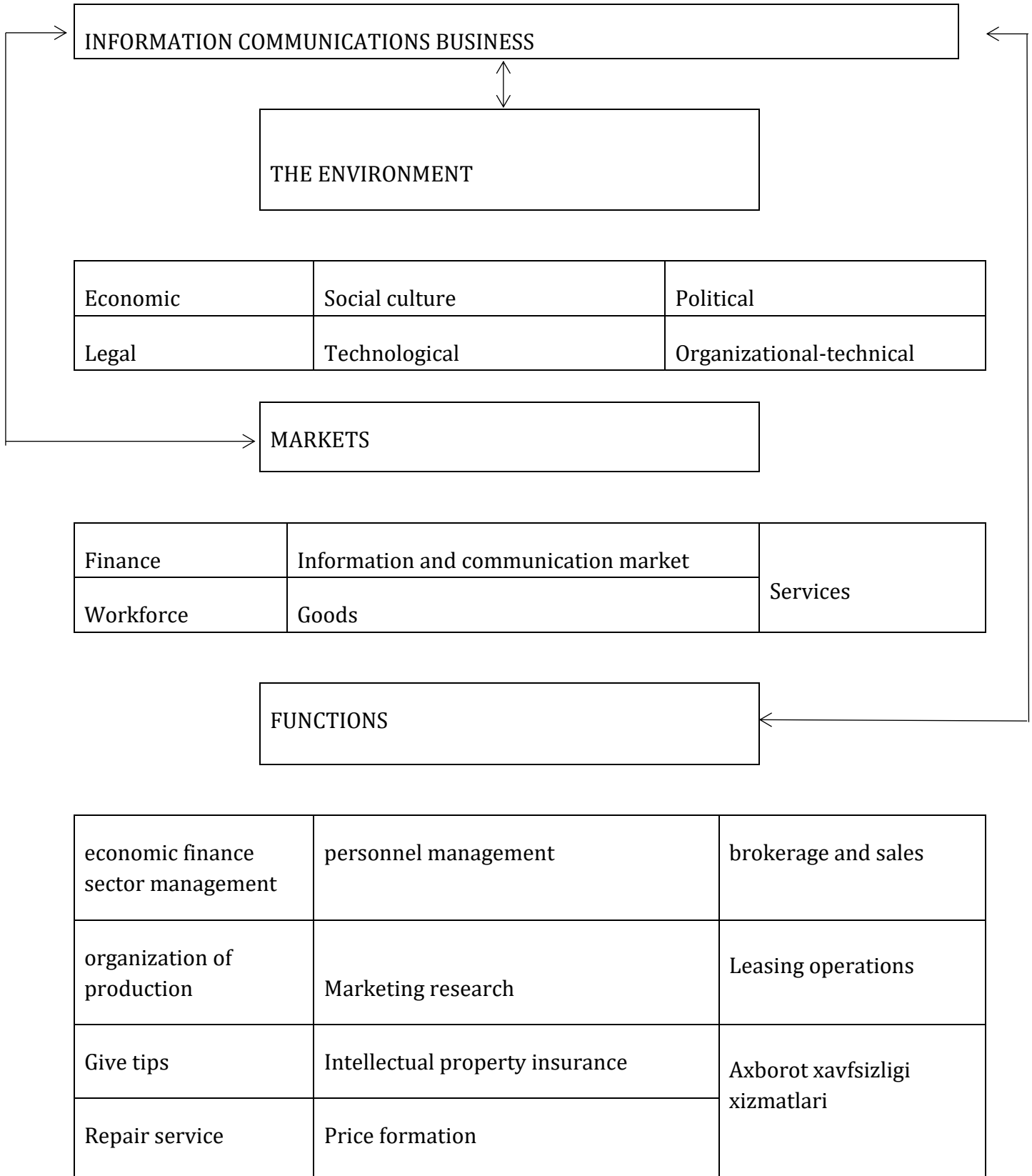


Table 2. Functional model of information and communication business.

From this model, it can be seen that the information and communication business is characterized by three main factors: environment, market and functions. The combination of these factors will help to pursue a single financial and economic policy for the formation of interactive services.[M.T.Yusupov 2022y]

It is becoming a strategic enterprise in terms of software products, databases and expert services in terms of electricity, memory and power supply. Our analysis shows that the following key issues cannot be addressed at the national level without the widespread use of the goods of the information and communication business:

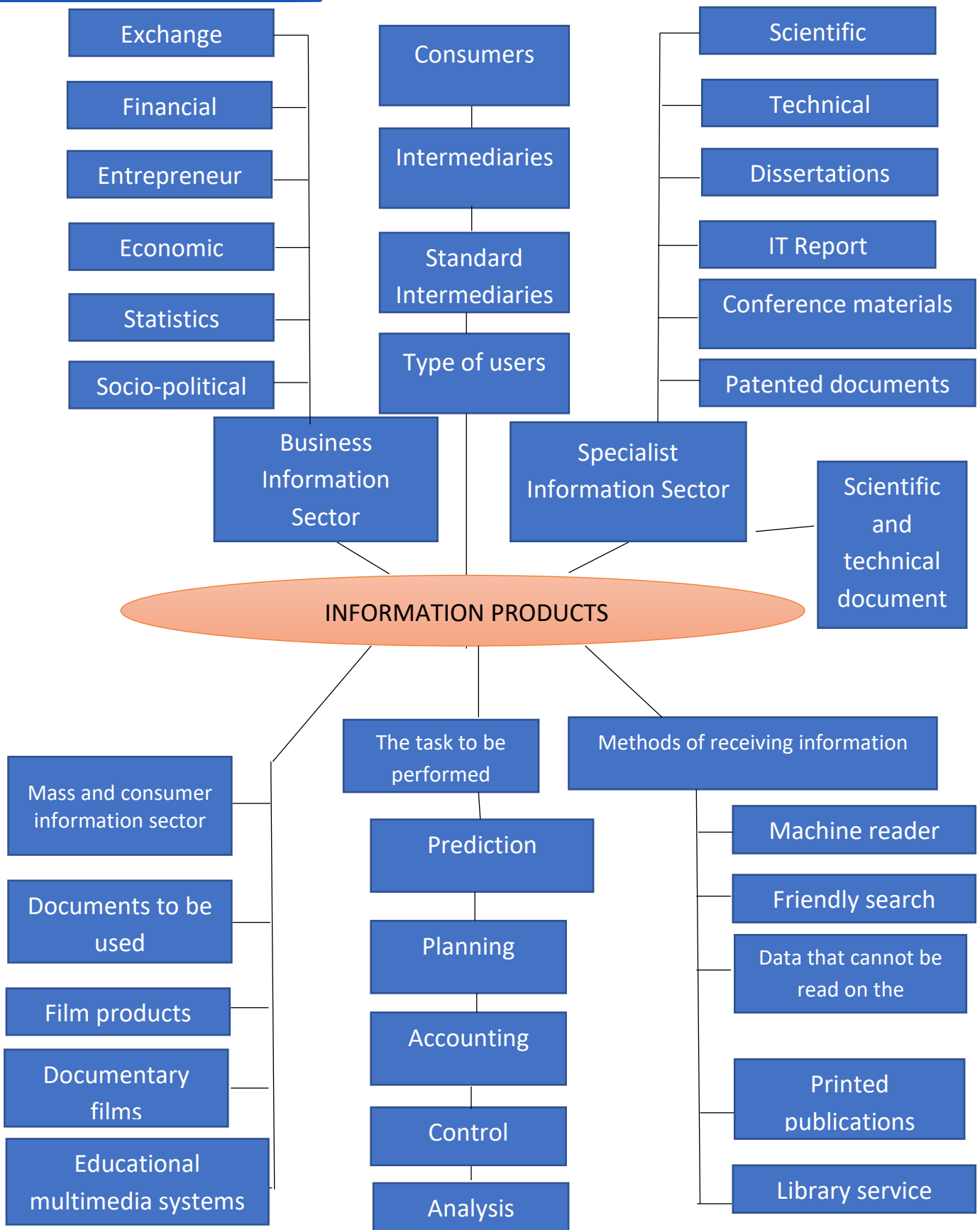
1. State security. Xozirgi kunda intellektual dasturiy tizimlar bizga ma'lum va ma'lum bo'lmagan turli qurollardan ko'ra davlatni ximoya qilishning eng takomillashgan vositalaridan hisoblanadi va uning xavfsizligini ta'minlaydi;

2. Development of economic reforms. Bringing the relations of a market economy to a very efficient and improved level is necessary without the widespread use of modern computer technology;

3. Joining the world economic community. One of the main challenges of economic growth is to accelerate investment and expand investment in industry, as attracting foreign capital is a strategic issue for the development of the national economy;

To date, there is no general scientific approach to the classification of information products and services. Scientists have made a valuable contribution to solving this problem. However, the classification systems they propose do not fully take into account the development trends of information and communication technologies and the role of interactive services. The following classification system of information products and services is based on the analysis of the activities of leading interactive services and research.[U.B.Abdusamatovich 2022y]

Access to information resources is one of the key indicators for the formation of the country's information and communication business.



3. Information products

The use of Information and Communication Technologies in government agencies and management will help:

- to create an open community;
- increase the efficiency of public administration;
- reduction of public sector expenditures;
- Increased interaction between government agencies and management, citizens and businesses.

The introduction of ICT in the public sector will accelerate economic development, increase productivity and increase the production capacity of public institutions.

REFERENCES:

1. Used resources Butayev, E. N. (2021). Algoritmlar Tizimli Tahlili Va Ularning Takomillashtirish. ФАРФОНА ПОЛИТЕХНИКА ИНСТИТУТИ И Л М И Й-Т Е Х Н И К А ЖУРНАЛИ, 25, 36-41. Erkin, K., & Khusan, I. (2022). Optimization of the development and location of agricultural clusters of regions. Texas Journal of Agriculture and Biological Sciences, 3, 9-13.
2. Yusupov, M. T. (2022). COMPUTER MODELS FOR STUDYING THE PROCESS OF DRYING GRAPES. Academia Globe: Inderscience Research, 3(04), 122-125.
3. Abdusamatovich, U. B. (2022). FINDING THE OPTIMAL CONTENT OF COTTON FIBER IN THE MIXTURE. Academia Globe: Inderscience Research, 3(04), 109-115.
4. Элдорбек Хомитжонович Бутаев (2021). ЧЕГАРАЛАНМАГАН ТОР ТЕБРАНИШ ТЕНГЛАМАСИ УЧУН БОШЛАНҒИЧ МАСАЛАНИ MAPLE ДАСТУРИДА ЕЧИШ. Scientific progress, 1 (5), 422-427.
5. Butayev, E. N. (2021). Algoritmlar Tizimli Tahlili Va Ularning Takomillashtirish. ФАРФОНА ПОЛИТЕХНИКА ИНСТИТУТИ И Л М И Й-Т Е Х Н И К А ЖУРНАЛИ, 25, 36-41.