## عنوان مقاله:

Mathematical and Instrumental Methods for Assesing the Economic Efficiency of Science Product for Export


## محل انتشار:

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## نویسندگان:

Svetlana V. Veretekhina - *Department of Information Systems, Networks and Security, Russian State Social ,University, Moscow, russia*

Maxim A. Kudryavtsev - *Direction of Preparation Mathematical Support of Computers, Complex and Computer .Networks, russian state social universtity, Moscow, russia*

Vladimir L. Simonov - *Department of Information Systems, Networks and Security, Russian State Social University, ,Moscow, Russia*

Sergey A. Makushkin - *Department of HR Management and HR Policy, Russian State Social University, Moscow, Russia*

Tatyana V. Karyagina - *Department of Mathematics and Computer Science, Faculty of Information Technologies, Faculty of Information Technologies,Russian State Social University, Moscow, Russia*



## خلاصه مقاله:

The relevance of the study is due to the needs of using standardized Russian methods of calculating the unit cost of maintenanceof exported science-intensive products. The authors bring to the discussion the hypothesis that the price of the exported scienceintensiveproducts does not dominate in the market however technologies of information support of science-intensive products at theobject of operation dominate. Exporting a series of products to Indonesia is described by the calculations of maintenance examples atthe facility. The methods of measurement, description and modeling were used in the calculations. In the first part of the article,authors classify the activities of the integrated logistics support and the elements of the maintenance Scenario. Calculations are basedon the list of the main Russian standards for exporting products. The indicators for the assessment of initial maintenance cost aredefined. The article determines the effective use of science-intensive products at the site of operation possibility in the presence oftrained technical personnel from the customer s country (Indonesia). The calculations determine the number of specialties ofengineering staff required to perform maintenance and repair the product. Mathematical modeling service cost of the service iscarried out for the products delivered for export. The purpose of the article is to reduce the cost of the service maintenance on theterritory of the Customer (Indonesia), in terms of reducing the technical personnel training cost. The calculation methodsrecommended by Russian national standard GOST R 56130-2014 was used in the article. The research was aimed at identifyingunnecessary cost, while maintaining the performance quality of the product at the facility. The calculations show how to usestandardized methods effectively. The main purpose of this publication is to develop methodological provisions for the analysis ofeconomic processes .and systems based on the use of economic and mathematical methods and tools

**کلمات کلیدی:**
Methods of Unit Cost Calculation, Efficiency, Integrated Logistics Support, Mathematical Modeling, Cooperation between Russia and Indonesia