

ABSTRACT

This thesis project dedicated to the development of an automated system of training and supervision of reporting data for production.

The paper made a comparative analysis of mathematical methods of choosing the path. For the solution of the problem was chosen method of dynamic programming, and for graphical representation service Google Maps.

Developed automated, which uses the above methods for the preparation of optimal route. Information management is implemented using DBMS. The algorithm is implemented by means of ABAP programming language using the SAP R / 3 Visual Studio. To display a report setting use Add-in for Microsoft Office.

Work carried out on 72 pages, contains a list of links of 6 items. In this paper the 14 figures, 1 table, 2 applications.