

## ABSTRACT

This work includes 91 sheets, 21 used literature sources, 24 pictures, 15 tables, 3 applications.

The aim of the diploma project is the design and software implementation of an automated system (AS) for the economic bloc a transport enterprise. AS is designed for analyzing and forecasting the financial condition of the company that will help assess the current financial situation and the possibility of predicting the short term.

In the thesis project examined methods of financial analysis and methods of forecasting the financial condition of the company.

It was an analysis of the transport company, to automate been selected economic and operational units. In practice, was developed and program implemented an automated system that performs calculation of ratios such as profitability and financial stability, on the basis of which it was predicted financial position by Box-Jenkins created a graphical user interface and database, which keeps statistics and results calculations. The system has been tested and shown its efficiency in the example in section 6.

List of keywords: relative indicators, financial analysis, profitability, financial stability, a model ARIMA.