

# **ABSTRACT**

for the work of the expert Aleksey Viktorovich Lebedev  
theme: "The system of decision-making on the stock exchange"

The work is dedicated to the development of decision support systems in the stock market. An overview of technical analysis at work in the stock market and existing methods for building DSS for automated forecasting asset prices. The architecture DSS for solving short-term forecasting of the stock price in the "premarket" time with online-update data. Feasibility system developed based on a spreadsheet like Excel. Examples of prediction of full-time for the opening of the stock price, depending on the number of days and to reflect the value of the course, and many companies, data are used to form the course.

The total volume of work 97 pages, main part – 95 pages, 31 picture, 17 tables, 1 application, 18 bibliographic title.

Key words: DSS, premarket, intraday, stock exchange, NYSE, ARCA.