

ABSTRACT

Diploma Thesis (Bachelor's Thesis): 129 p., 40 fig., 33 tabl., 3 annexes, 29 sources.

The objective of the study is the financial position of an enterprise (business) and the risks of its bankruptcy.

The subject of the study is the analysis of the methods and models for assessing the financial condition and the risks of enterprise bankruptcy.

The aim of the study:

1) the development of a software product designed to automate calculations and facilitate the analysis;

2) to examine the existing methods of financial analysis and the risk of bankruptcy and apply them to the analysis of specific companies.

The theoretical and methodological basis of the study is the work of national and foreign scientists in the field of economic theory and mathematical modelling.

The results of the diploma thesis are the development of the software for assessing the risks of bankruptcy; it presents the results of the software product based on real data.

The software is written in the programming language Java.

ANALYSIS OF THE RISKS OF BANKRUPTCY, ASSESSMENT OF THE FINANCIAL CONDITION, FUZZY SETS, LINGUISTIC VARIABLES, FUZZY LOGIC