

ABSTRACT

Thesis contains: 86 p., 8 tables, 26 figures, 1 pp. and 17 sources.

LOGISTIC MODELS, SYSTEM DYNAMICS, CLASSIFICATION, IMITATION MODELING, MODELING OF LOGISTIC SYSTEM, THEORY CHERH.

Object of research - forecasting indicators of the logistics system of enterprises.

The subject of the research is a system of deliveries "exactly in time" in procurement logistics.

The purpose of the thesis - review of the channels of logistics processes; analysis of existing approaches to the construction of intellectual models of the logistic mechanism, identification of their advantages and disadvantages; the development of an intellectual model for forecasting the indicators of the distribution system "exactly in time".

The paper reviews and analyzes the channels of logistics processes; the scheme of "Just in Time" logistics delivery system (exactly in time) is developed. In the course of the study, it was discovered that the analysis of the area of transportation and supply in the enterprise allows you to significantly improve and optimize the result of work.

In the course of further research it is advisable to create an intelligent model that will provide better accuracy, which more in detail consider each of the elements of the JIT logistics distribution mechanism to create a more accurate forecast. It is also advisable to continue developing the software product, by creating an interface for ease of use and analysis.