

ABSTRACT

The bachelors work : 121 p., 11 tabl. 24 fig., 3 additions, 22 references.

SOFTWARE COMPLEX, CALCULATION SCHEDULE, FOREIGN MODEL

The theme: software complex of automated scheduling of sessions for cinemas on the basis of statistical data

In this work had created a software complex for the automated formation of cinema session schedules was developed based on statistical data, consisting of three modules: a data acquisition module, a prediction model module, and a scheduling module.

During the analysis of the subject area, we had identified bottlenecks of existing system, and revealed that none of analogues has the necessary functional.

To develop this complex, we analyzed the history of the emergence of mathematical modeling, the main varieties of mathematical models and methods, the principles of constructing ensembles, considered begging and boosting, as well as a detailed analysis of the field of cinematography.

As a result, we created a complex system for sheduling, and all its parts can be used separately for other projects in this area.

This program should help cinema owners to simplify the process of scheduling and provide increased revenue by analyzing the statistics of similar films that were hired earlier.