

## ABSTRACT

The theme of the master work: "Research methods for multi Quality Assessment of information systems, taking into account the conditions of uncertainty." // Rusin Andriy Petrovych // Ternopil Ivan Pul'uj National Technical University, Department of Computer Information Systems and Software Engineering, Group CIM-61 // Ternopil, 2014 // p. - 112, Fig. -4 , Tab. - 28, Sheets A1 - 12, Att - 3, Refs. - 85.

Keywords: QUALITY, INFORMATION SYSTEM, METHOD, UNCERTAINTY, ASSESSMENT.

In the Master's work investigates the existing methods of multi Quality Assessment Information Systems, identified their shortcomings, removing the method of statistical uncertainty, which is generated by state of the environment, the generalized removal algorithms and interactive statistical uncertainty module is designed to support the expert evaluating the quality of information systems, which implements the proposed interactive algorithm for removing statistical uncertainty.

To describe the quality of information offered on hierarchical generalized combined criteria based on a priori information about the state of the environment, using a combination of criteria Bayes-Laplace, Hurwitz criterion and the average deviation.

In the Master's thesis work conducted economic assessment of effectiveness research to develop a statistical method removing uncertainty, the question of safety and life safety, and environmental requirements.