"Computer methods of data analysis and statistical regularities research"
NSTU research group

List of key publications (monographs, textbooks, articles):

- Lemeshko B.Yu. Criteria for check of homogeneity hypotheses. Implementation guide. - M.: INFRA-M, 2017. – 208 p. Lemeshko B. Yu., Blinov P. Y. Validation criteria for deviation from uniform distribution. Implementation guide. - M.: INFRA-M, 2015. – 183 p.
- Lemeshko B.Yu. Validation criteria for deviation from uniform distribution. Implementation guide. - M.: INFRA-M, 2015. – 160 p. Nikulin M.S., Chimitova E.V. Chi-squared goodness-of-fit tests for censored data. – London: ISTE : Wiley, 2017. – 158 p. – (Mathematics and Statistics ; vol. 3: Stochastic models in survival analysis and reliability set). Denisov V. I., Lemeshko B. Yu., Postovalov S. N. Applied statistics. Rules of compliance check between experimental and theoretical distributions. Methodological recommendations. Part I. - $\chi2$ type criteria. — Novosibirsk: NSTU Publishing House, 1998. – 126 p.
- Lemeshko B.Yu. Nonparametric compliance criteria. Implementation guide.– M.: INFRA-M, 2014. – 163 p.
- Design of experiments and statistical analysis for grouped observations: Monograph / V.I. Denisov, K.-H. Eger, B.Yu. Lemeshko, E.B. Tsoy. – Novosibirsk: NSTU Publishing house, 2004. – 464 p.
- Lemeshko B. Yu., Lemeshko S. B., Postovalov S. N., Chimitova E. V. Statistical Data Analysis, Simulation and Study of Propability Regularities. Computer approach. – Novosibirsk : NSTU Publishing House, 2011. – 888 p.
- Lemeshko B.Yu. Statistical Analysis of One-dimensional Observations of Random Values: Software system. – Novosibirsk: NSTU Publishing House, 1995. – 125 p.
- Lemeshko B. Yu., Postovalov S. N. Applied statistics. Rules of compliance check between experimental and theoretical distributions. Methodological recommendations. Part II. Non-parametric criteria. – Novosibirsk: NSTU Publishing House, 1999. 85 p.
- Denisov V.I., Lemeshko B.Yu., Tsoy Ye.B. Optimal grouping, parameter estimation and planning of regression experiments. In 2 parts – Novosibirsk: NSTU Publishing House, 1993. – 347 p.