**Темы рефератов:**

1. Distributions of Several Random Variables (Kreyszig E. Advanced Engineering Mathematics)

2. Chi-Square Distribution: properties and applications (Rice J.A. Mathematical Statistics and Data Analysis, Patrick D. T. O’Connor. Practical Reliability Engineering, Ali A. Chowdhury, Don O. Koval. Power distribution system reliability practical methods and applications)

3. Reliability and Costs (Patrick D. T. O’Connor. Practical Reliability Engineering, Don O. Koval. Power distribution system reliability practical methods and applications)

4. Hermite interpolation and polynomials (Richard L. Burden, J. Douglas Faires. Numerical Analysis)

5. Extrapolation analysis: methods (Richard L. Burden, J. Douglas Faires. Numerical Analysis)

6. Goodness-of-Fit Testing: application in engineering (Kreyszig E. Advanced Engineering Mathematics)

7. Hamming and Gauss filters: mathematical principles and applications (Peter V. O'Neil. Advanced Engineering Mathematics)

8. Low-Pass and Bandpass Filters: mathematical principles and electrical applications (Peter V. O'Neil. Advanced Engineering Mathematics)

9. Bandpass Filters: mathematical principles and electrical applications (Peter V. O'Neil. Advanced Engineering Mathematics)

10. Pursuit Problem: solving by differential equations and applications (Peter V. O'Neil. Advanced Engineering Mathematics)

11. Heaviside and Dirac’s delta functions: applications (Kreyszig E. Advanced Engineering Mathematics)

12. Bessel’s Equation: applications (Kreyszig E. Advanced Engineering Mathematics)