

Table of contents

- **Partial table of contents**
- **Probability**
- **Basic Concepts, Measures, and Definition**
- **Units**
- **Unrenewable Equipment**
- **Renewable Systems**
- **Repairable Dual Systems**
- **Systems with Network Structures**
- **Evaluation of System Effectiveness**
- **Systems with Time Redundancy**
- **Queuing Systems with Unreliable Service Channels**
- **Mechanical Equipment**
- **Statistics**
- **Estimation of Equipment Reliability from Tests**
- **Acceptance-Rejection Tests**
- **Accelerated Tests**
- **Reliability Growth**
- **Monte Carlo Simulations**
- **Optimization**
- **Optimal Redundancy**
- **Optimal Supply of Spare Parts**
- **Optimal Control of Inventories of Spare Parts**
- **Optimal Maintenance**
- **Appendices**
- **References**
- **Index**