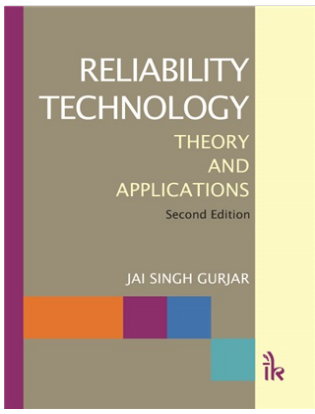
Book Information Sheet



Reliability Technology: Theory and Applications, 1/e

Jai Singh Gurjar

2012 | 160 pp | Paperback | ISBN: 9789381141144 | Price: 195.00

About the Book

The present book discusses the application of reliability theory/technology to process industries and other systems.

It provides system modeling and solution techniques in systematic and understandable manner for complex systems. Maximum types of systems are covered for analysis and maximum techniques are demonstrated by solving complex practical problems.

It also discusses basic concepts of reliability, modeling and solution techniques. Almost all types special systems are discussed. Seven important industries and three other special systems are discussed. It is to be mentioned that there is no other book available containing at one place the discussion of such systems and techniques.

New in this Edition

A newly tested technique, Gupta and Sing Graphical Technique. This technique is useful to the practical reliability engineers without bothering with equations and we obtain many more parameters at once.

Salient Features

- The book provides an insight on how to apply reliability theory to diverse industrial and other real-life problems.
- This second edition includes a newly tested technique known as Gupta and Singh Graphical Technique useful to the practical reliability engineers.
- Deals with simple and complex systems taken from diverse problems, demonstrating the use of various techniques.
- Provides system modeling and solution techniques in a systematic and understandable manner, for complex systems.

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About the Author

Jai Singh Gurjar :- completed his M.Sc. (Applied Mathematics) from Roorkee University (now Indian Institute of Technology, Roorkee) and Ph.D. (Applied Mathematics) from Kurukshetra University, Kurukshetra, India. Dr. Gurjar has published about 100 research papers, more than 15 books in the field of queueing theory, reliability, control, and optimization theory. A number of scholars have completed their M. Tech and Ph.D. degrees under his guidance.