

Chapter 9

Reliability of Maintained Systems

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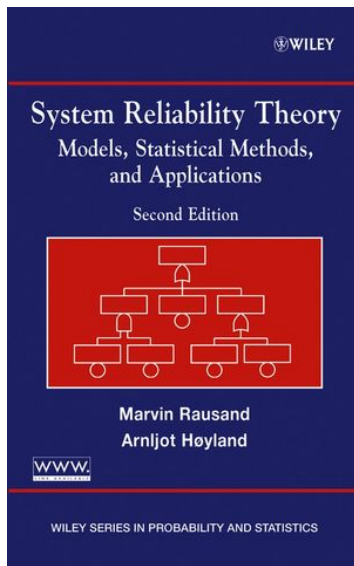
Slides related to the book

System Reliability Theory Models, Statistical Methods, and Applications

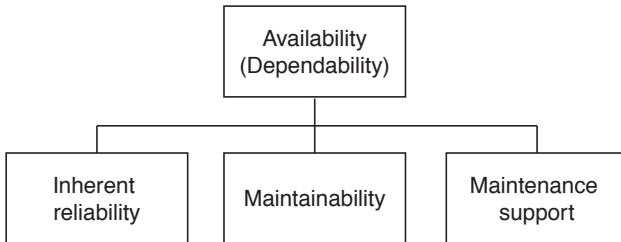
Wiley, 2004

Homepage of the book:

[http://www.ntnu.edu/ross/
books/srt](http://www.ntnu.edu/ross/books/srt)



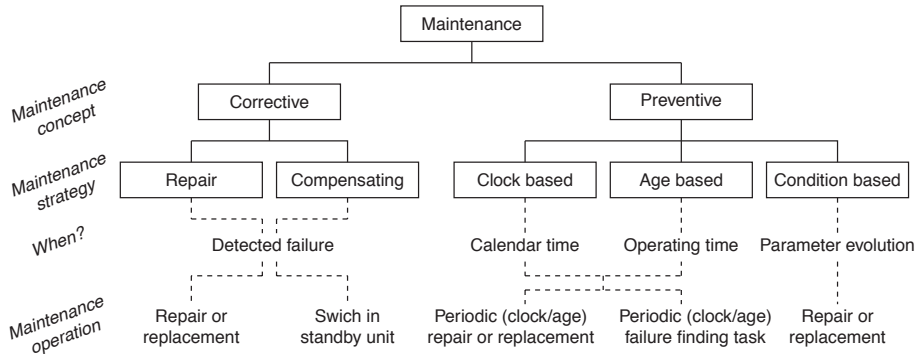
Availability



Maintainability

A system effectiveness concept that measures the ease and rapidity with which a system or equipment can be restored to operational status after a failure

Types of Maintenance



Downtime

- ▶ Unplanned downtime
- ▶ Planned downtime

Downtime Distributions

- ▶ Exponential Distribution
- ▶ Normal Distribution
- ▶ Lognormal Distribution