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An Introduction to Reliability and Maintainability Engineering, Charles E. Ebeling, McGraw-Hill, 1997. Number of pages: 489. Price: £22.99

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@inproceedings{Ebeling1996AnIT, title={An Introduction to Reliability and Maintainability Engineering}, author={Charles E. Ebeling}, year={1996} } Charles E. Ebeling Published 1996 Engineering Part 1 Basic reliability models: the failure distribution constant failure rate model time-dependent ...

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The outline of the chapter is as follows: Section 4.1 defines basic concepts of reliability, like functions, failures, and failure modes and effects. Section 4.2 introduces reliability measures and lifetime models with focus on the exponential and Weibull models.

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CHAPTER 1 INTRODUCTION TO RELIABILITY - Shodhganga

Reliability is defined as the probability that a system will perform its intended function for a specified period of time. For example, a reliability of 0.8 at 100 hours indicates that after 100 hours, there is an 80% chance that the system is still functioning.

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