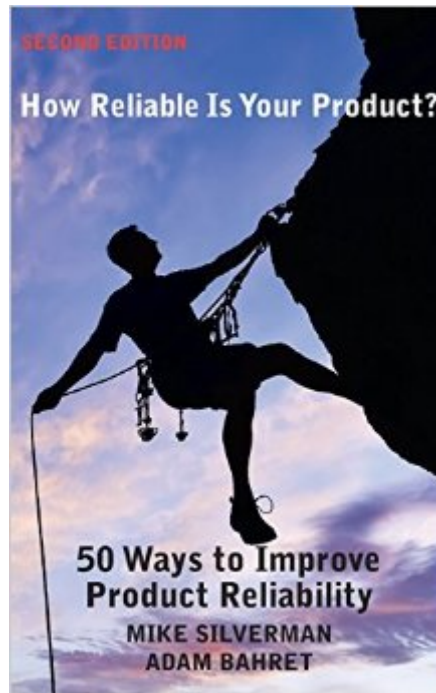


The book was found

How Reliable Is Your Product? (Second Edition): 50 Ways To Improve Product Reliability



Synopsis

Traditionally, the way to test a product's reliability was to build it--and then try to break it. As systems and technologies improved, TAAF (Test, Analyze, and Fix) methodologies were developed and adopted. In today's global economy with its short, technologically-intense product life cycles, TAAF cannot suffice. Reliability can no longer be a step or a series of steps in product development; it is something that needs to be acknowledged upfront and built into the product from its very conception. Reliability, in other words, must be "designed in." Product developers now have many tools--software and hardware--at their disposal for building reliability in from the get-go. From the organizational point of view, what better way to design in reliability than to make designers themselves responsible for the reliability of their designs? As Mike Silverman and Adam Bahret explain in "How Reliable Is Your Product?," this is why the role of the reliability engineer is changing to one of mentor. Product developers are now responsible for going out and finding the best testing tools and then training the designers on their use, so designers can factor and build in reliability at every stage of product design. Mike and Adam have focused on reliability throughout their career and have observed how the position of reliability in the organization evolved. In this book, they condense their expertise and experience into a volume of immense practical worth to the engineering and engineering management communities, including designers, manufacturing engineers, and reliability/quality engineers. Among other things, Mike and Adam discuss how reliability fits, or should fit, within the product design cycle. They provide a high-level overview of reliability techniques available to engineers today. They lucidly describe the design of experiments and the role of failure management. With case studies and narratives from personal experience, they offer optimal ways to utilize different reliability techniques. They highlight common errors of judgment, missteps, and sub-optimal decisions that are often made within organizations on the path to total reliability. With "How Reliable is Your Product? (2nd Edition)," Mike Silverman and Adam Bahret have delivered what few have done before: a comprehensive yet succinct overview of the field of reliability engineering and testing. Engineers and engineering managers will find much in this book of immediate practical value.

Book Information

Hardcover: 330 pages

Publisher: Super Star Press; 2nd ed. edition (March 29, 2016)

Language: English

ISBN-10: 1607731215

ISBN-13: 978-1607731214

Product Dimensions: 6 x 0.8 x 9 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars Â Â See all reviews Â (8 customer reviews)

Best Sellers Rank: #1,661,568 in Books (See Top 100 in Books) #429 in Â Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Quality Control #654 in Â Books > Arts & Photography > Decorative Arts & Design > Industrial & Product Design #316624 in Â Books > Textbooks

Customer Reviews

This is an overview of various quality systems. This book does not show you how to implement any of the systems talked about, but rather gives you the executive summary of each system. As such it is useful to have all of the various quality systems summarized in a single place, but don't expect to learn the ins and outs of any system here.

This book contains a lot of practical and useful information not contained in any other reliability text I've read. Go to the other books if you want to dive into the math. Use this book if you want to setup an effective reliability program.

This is a book for the experienced and the novice, especially the later. In my HALT/HASS training seminars I find that little effort is made in planning. Here Silverman describes planning, and details the necessary steps. One cannot be successful with any complex effort without solid planning. Thus, for the uninitiated who really doesn't know all that is need to implement a reliability program, Silverman spells out what is need to be successful. Get this book and eliminate unnecessary stumbles.

This book gave great practical advice on how to make a reliable product. I definitely recommend adding this book to your collection regardless of whether you are a novice or seasoned practitioner in the field of reliability.

[Download to continue reading...](#)

How Reliable Is Your Product? (Second Edition): 50 Ways to Improve Product Reliability Improve Your Eyesight Naturally: How To Improve Your Vision Naturally - Learn Super Effective Eyesight Exercises To Improve Eyesight Without (Vision Therapy, Optometry, Eyesight Improvement) Brain

Training: Power Brain! - Secret Techniques To: Improve Memory, Focus & Concentration (Brain teasers, Improve memory, Improve focus, Concentration, Brain power) eBay Selling Mastery 2016: Turn Your eBay Hobby To A Six Figure Business (Product Sourcing, Product Research, Retail Arbitrage, Wholesale, Liquidation, eBay Secrets, ebay listings) Engineering Methods for Robust Product Design: Using Taguchi Methods in Technology and Product Development Product Design: Techniques in Reverse Engineering and New Product Development Star Wars Miniatures Ultimate Missions: Clone Strike: A Star Wars Miniatures Game Product (Star Wars Miniatures Product) Effective TCP/IP Programming: 44 Tips to Improve Your Network Programs: 44 Tips to Improve Your Network Programs Reliable Computer Systems: Design and Evaluation, Third Edition Reliable Design of Medical Devices, Third Edition Yes, You Can Get Pregnant: Natural Ways to Improve Your Fertility Now and into Your 40s Information Theory and Reliable Communication Introducing Go: Build Reliable, Scalable Programs Container Gardening: A Reliable Beginner's Guide to Successful Vegetable Growing (Urban Gardening Simplified) Continuous Delivery: Reliable Software Releases through Build, Test, and Deployment Automation (Adobe Reader) (Addison-Wesley Signature Series (Fowler)) Starting Out: 1 e4!: A Reliable Repertoire for the Improving Player (Starting Out - Everyman Chess) Starting Out: 1d4 : A Reliable Repertoire for the Improving Player (Starting Out - Everyman Chess) How We Got the Bible Pamphlet: A Timeline of Key Events and History of the Bible (Increase Your Confidence in the Reliability of the Bible) Effective C++: 55 Specific Ways to Improve Your Programs and Designs (3rd Edition) Effective COM: 50 Ways to Improve Your COM and MTS-based Applications

[Dmca](#)