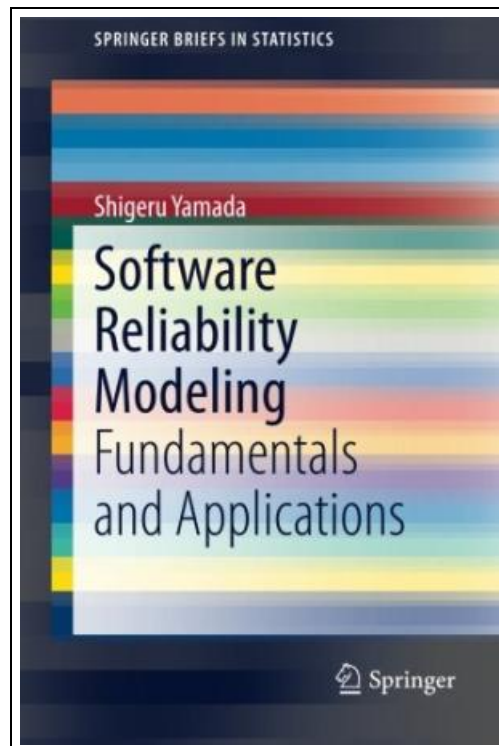


Software Reliability Modeling: Fundamentals and Applications (Paperback)



Filesize: 4.67 MB

Reviews

An exceptional ebook and the font employed was fascinating to read through. I actually have study and so i am certain that i will likely to read once again yet again in the future. Your life period is going to be change as soon as you complete looking at this book.
(Nelle Schaefer I)

SOFTWARE RELIABILITY MODELING: FUNDAMENTALS AND APPLICATIONS (PAPERBACK)



Springer Verlag, Japan, Japan, 2013. Paperback. Condition: New. 2014 ed.. Language: English . Brand New Book. Software reliability is one of the most important characteristics of software product quality. Its measurement and management technologies during the software product life cycle are essential to produce and maintain quality/reliable software systems. Part 1 of this book introduces several aspects of software reliability modeling and its applications. Hazard rate and nonhomogeneous Poisson process (NHPP) models are investigated particularly for quantitative software reliability assessment. Further, imperfect debugging and software availability models are discussed with reference to incorporating practical factors of dynamic software behavior. Three software management problems are presented as application technologies of software reliability models: the optimal software release problem, the statistical testing-progress control, and the optimal testing-effort allocation problem. Part 2 of the book describes several recent developments in software reliability modeling and their applications as quantitative techniques for software quality/reliability measurement and assessment. The discussion includes a quality engineering analysis of human factors affecting software reliability during the design review phase, which is the upper stream of software development, as well as software reliability growth models based on stochastic differential equations and discrete calculus during the testing phase, which is the lower stream. The final part of the book provides an illustration of quality-oriented software management analysis by applying the multivariate analysis method and the existing software reliability growth models to actual process monitoring data.



[Read Software Reliability Modeling: Fundamentals and Applications \(Paperback\) Online](#)



[Download PDF Software Reliability Modeling: Fundamentals and Applications \(Paperback\)](#)

Relevant Kindle Books



My Life as an Experiment: One Man's Humble Quest to Improve Himself by Living as a Woman, Becoming George Washington, Telling No Lies, and Other Radical Tests

SIMON SCHUSTER, United States, 2010. Paperback. Book Condition: New. Reprint. 212 x 138 mm. Language: English . Brand New Book. One man. Ten extraordinary quests. Bestselling author and human guinea pig A. J. Jacobs puts...

[Download ePub »](#)



Shadows Bright as Glass: The Remarkable Story of One Man's Journey from Brain Trauma to Artistic Triumph

Free Press. Hardcover. Book Condition: New. 1439143102 SHIPS WITHIN 24 HOURS!! (SAME BUSINESS DAY) GREAT BOOK!!.

[Download ePub »](#)



My Life as a Third Grade Zombie: Plus Free Online Access (Hardback)

Gallopade International, United States, 2013. Hardback. Book Condition: New. 224 x 142 mm. Language: English . Brand New Book. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh...

[Download ePub »](#)



My Life as a Third Grade Werewolf (Hardback)

Gallopade International, United States, 2014. Hardback. Book Condition: New. 221 x 140 mm. Language: English . Brand New Book. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh...

[Download ePub »](#)



Decameron and the Philosophy of Storytelling: Author as Midwife and Pimp (Hardback)

Columbia University Press, United States, 2005. Hardback. Book Condition: New. New.. 236 x 155 mm. Language: English . Brand New Book. In this creative and engaging reading, Richard Kuhns explores the ways in which Decameron...

[Download ePub »](#)

**Sea Pictures, Op. 37: Vocal Score**

Petrucchi Library Press, United States, 2013. Paperback. Book Condition: New. 276 x 214 mm. Language: English . Brand New Book ***** Print on Demand *****.Composed for the Norfolk and Norwich Festival, Sea Pictures was heard

[Save PDF »](#)

**Three Bavarian Dances, Op.27a: Study Score**

Petrucchi Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Elgar produced orchestral arrangements of three items (Nos.1, 3 and 6)

[Save PDF »](#)

**Prevent-Teach-Reinforce for Young Children: The Early Childhood Model of Individualized Positive Behavior Support**

Brookes Publishing Co. Paperback. Book Condition: new. BRAND NEW, Prevent-Teach-Reinforce for Young Children: The Early Childhood Model of Individualized Positive Behavior Support, Glen Dunlap, Kelly Wilson, Phillip S. Strain, Janice K. Lee, "Learn more about

[Save PDF »](#)

**Plentyofpickles.com**

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Interested in taking a peek into the world of internet dating? Then order

[Save PDF »](#)

**Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age**

Adams Media Corporation. Paperback. Book Condition: new. BRAND NEW, Unplug Your Kids: A Parent's Guide to Raising Happy, Active and Well-Adjusted Children in the Digital Age, David Dutwin, TV. Web Surfing. IMing. Text Messaging. Video

[Save PDF »](#)