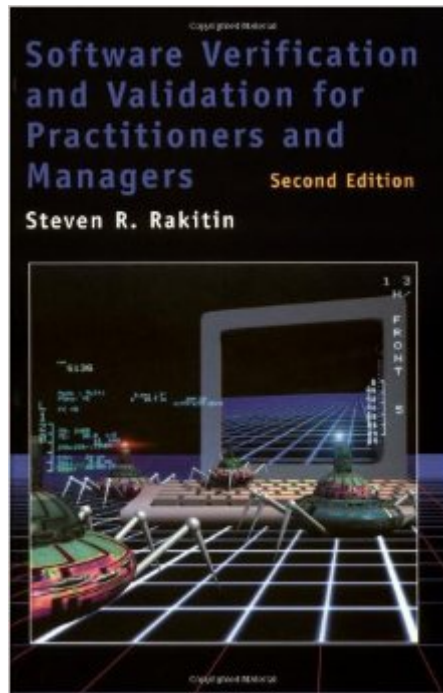# Software Verification And Validation For Practitioners And Managers, Second Edition

## Synopsis

A concise and practical introduction to the basic principles of effective software verification and validation (V&V). This edition has been revised and includes five new chapters and five new appendices focused on management techniques to make your company's software V&V efforts more cost-effective. Managers should learn how to help their organization create more accurate estimates and schedules. Practitioners should learn fundamental software V&V practices such as the formal inspection process, configuration management, effective testing techniques, and how to use measurements to drive further process improvements.

## Book Information

Hardcover: 424 pages

Publisher: Artech House Print on Demand; 2 edition (August 1, 2001)

Language: English

ISBN-10: 1580532969

ISBN-13: 978-1580532969

Product Dimensions:  6 x 1.1 x 9 inches

Shipping Weight: 1.4 pounds

Average Customer Review:  3.2 out of 5 starsÂ Â See all reviewsÂ (4 customer reviews)

Best Sellers Rank: #2,054,130 in Books (See Top 100 in Books)   #47 inÂ Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Quality Control   #2507 inÂ Books > Textbooks > Computer Science > Software Design & Engineering   #5460 inÂ Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Software Development

## Customer Reviews

Bill Gates is famous for his yearly retreats where he takesa pile of books and reads them. Maybe that's the one thingtoday's managers should emulate. If you do, bring this bookalong on your first sabatical.This all new edition of the book (first published in 1997)was even renamed to include its new, extended charter."Clearly management must take a leadership role in helpingthe organization behave in a more predictable way. It isfor this reason that the title of the book has been changedto include managers. [the book] includes specific actionsthat managers can take to help organizations behave in amore predictable manner."Software development is a difficult disciple to master.Even so, technical acumen is no guarantee of quality. "Asobserved by Dr. Edwards Deming, 'The quality of a productis directly related to the quality of the process used tocreate it.'" Verification ("are we

building the productright?") and validation ("are we building the right product?")are the first questions one must ask to begin the pathof process improvement. This book addresses those questionsand more.The book is divided into four large sections. The firstthree sections are brought forward from the previousedition with some noticeable improvements. The new editionis not just a rehash of the old stuff, however. Over 30 newpages of appendices and an entire new section of the bookaimed at management with over 70 new pages have been added.Other improvements are also evident including better formatting.For example, the font selection and layout are much easier onthe eyes than in the previous edition.

Software Verification and Validation for Practitioners and Managers, Second Edition Verification and Validation of Modern Software-Intensive Systems Software Verification and Validation: A Practitioner's Guide (Artech House Computer Library (Hardcover)) The Validation of Risk Models: A Handbook for Practitioners (Applied Quantitative Finance) Systems and Software Verification: Model-Checking Techniques and Tools The High-Conflict Couple: A Dialectical Behavior Therapy Guide to Finding Peace, Intimacy, and Validation Financial Management for Nurse Managers and Executives, 4e (Finkler, Financial Management for Nurse Managers and Executives) Mastering Automotive Digital Marketing: A training guide for Dealer Principals, General Managers, and Digital Marketing Managers Essential Procedures for Practitioners in Emergency, Urgent, and Primary Care Settings, Second Edition: A Clinical Companion Surreptitious Software: Obfuscation, Watermarking, and Tamperproofing for Software Protection: Obfuscation, Watermarking, and Tamperproofing for Software Protection Software Engineering Classics: Software Project Survival Guide/ Debugging the Development Process/ Dynamics of Software Development (Programming/General) Verification of Computer Codes in Computational Science and Engineering Logic Design and Verification Using SystemVerilog (Revised) Verification and Control of Hybrid Systems: A Symbolic Approach Formal Verification: An Essential Toolkit for Modern VLSI Design Biometrics: Advanced Identity Verification: The Complete Guide Scrum Essentials: Agile Software Development and Agile Project Management for Project Managers, Scrum Masters, Product Owners, and Stakeholders A Concise Guide to Macroeconomics, Second Edition: What Managers, Executives, and Students Need to Know Perfect Phrases for Managers and Supervisors, Second Edition (Perfect Phrases Series) Finance for Nonfinancial Managers, Second Edition: Briefcase Books Series