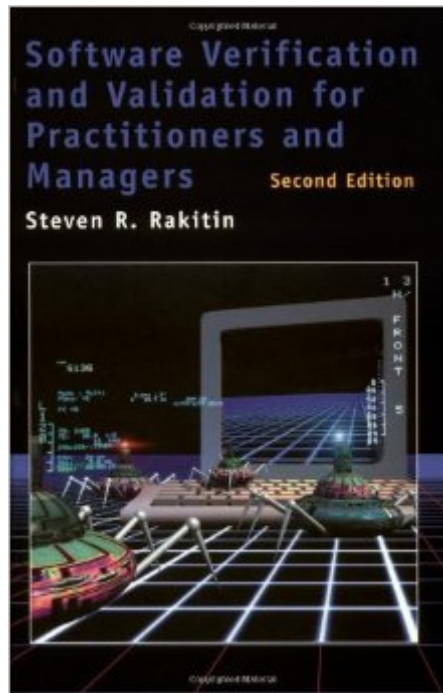


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Software Verification And Validation For Practitioners And Managers, Second Edition



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

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Customer Reviews

Bill Gates is famous for his yearly retreats where he takes a pile of books and reads them. Maybe that's the one thing today's managers should emulate. If you do, bring this book along on your first sabbatical. This all new edition of the book (first published in 1997) was even renamed to include its new, extended chapter. "Clearly management must take a leadership role in helping the organization behave in a more predictable way. It is for this reason that the title of the book has been changed to include managers. [the book] includes specific actions that managers can take to help organizations behave in a more predictable manner." "Software development is a difficult discipline to master. Even so, technical acumen is no guarantee of quality. "As observed by Dr. Edwards Deming, 'The quality of a product is directly related to the quality of the process used to create it.'" Verification ("are we

building the product right?") and validation ("are we building the right product?") are the first questions one must ask to begin the path of process improvement. This book addresses those questions and more. The book is divided into four large sections. The first three sections are brought forward from the previous edition with some noticeable improvements. The new edition is not just a rehash of the old stuff, however. Over 30 new pages of appendices and an entire new section of the book aimed 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 on the eyes than in the previous edition.

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