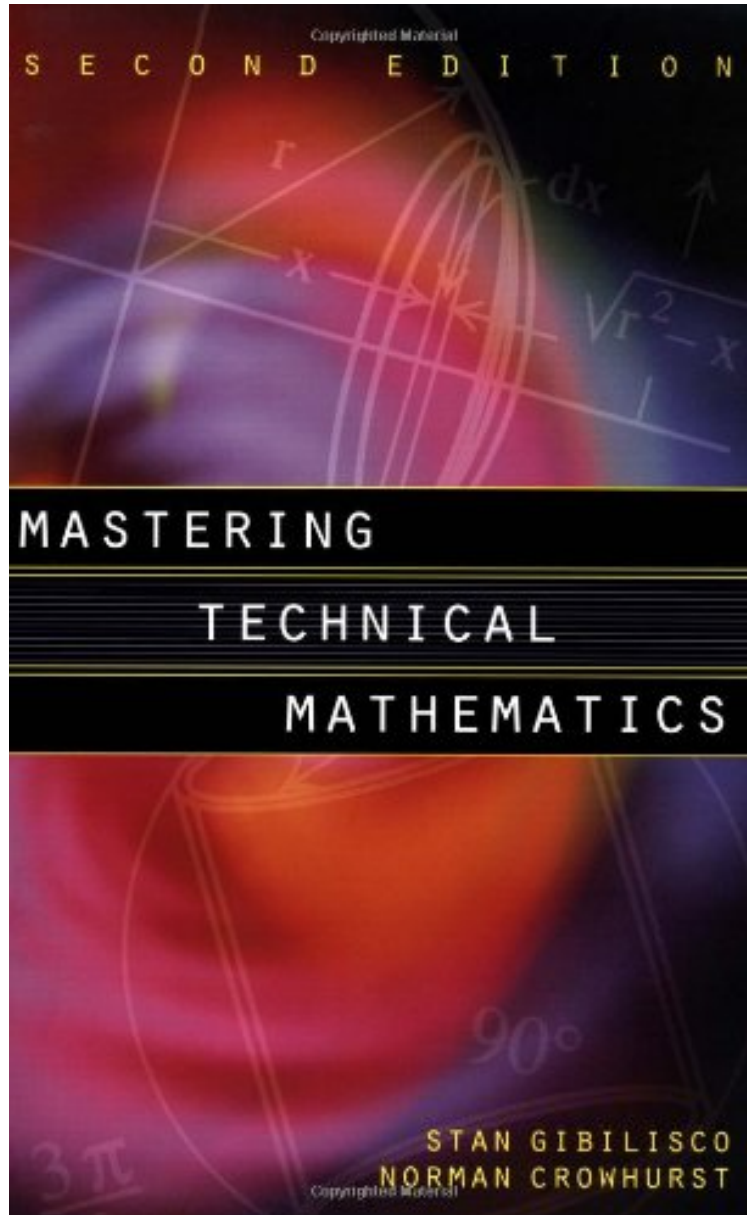


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Mastering Technical Mathematics, 2nd edition

Stan Gibilisco, Norman H. Crowhurst
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Stan Gibilisco, Norman H. Crowhurst : Mastering Technical Mathematics, 2nd edition before purchasing it in order to gage whether or not it would be worth my time, and all praised Mastering Technical Mathematics, 2nd edition:

2 of 2 people found the following review helpful. Very good for a practical review or for self-study to beginning

college level. By Nicholas Warren Really good. Unlike some of the other reviewers, I found the explanations generally excellent (the author is clearly a very experienced teacher, knows how to anticipate questions and respond clearly to them) and the diagrams very helpful (yes, unless you want rigorous math, which is NOT the intention of this book, a picture really is often worth 1,000 words!). Personally, I think the coverage is better than Technical Math Demystified (though there is quite a lot of overlap), so I would buy this book in preference (I don't think you will need both). My only wish is that for the next edition, having included basic vectors (not vector calculus) in this edition, there is a chapter on matrices (at least) or full, practical linear algebra as far as eigenvalues and eigenvectors. I know it's impossible to say where to stop adding topics but, having now given some basic calculus, the next stage would require further calculus with the help of linear algebra concepts. After all, a vector is a one-column/row matrix, so why not go to that next stage, some of the work is already done. Linear algebra would also help with statistics. 0 of 0 people found the following review helpful. Met my expectation By Keith L Perushek all parts of the transaction were commendable. A good life can be expressed in few words This is a good place to start learning mathematics. 2 of 2 people found the following review helpful. Great Math Refresher By Sidney J. Hymes After using the earlier version of this book from the local library, I found that Mastering Technical Mathematics is ideal for my needs. There's a lot of material that I won't likely need and it contains all the information I do need. I strongly recommend this book as a reference for anyone who works with numbers part-time and has forgotten that learned long ago.

Boost our applied math skills--and rocket your career. Don't let weak or rusty applied math skills keep you from satisfying your technical career goals. Step by step -- and at your own pace--Mastering Technical Mathematics, Second Edition, by Stan Gibilisco and Norman Crowhurst, gives you the essential background you need to sharpen our algebra aptitude...wield quadratics...use mechanical math methods...perform trigonometry and geometry conversions...and harness the power of differentiation. You'll also get comfortable with calculus...learn to use complex quantities...apply logarithms...and more. Totally revised and updated with state-of-the-art coverage of logic and digital systems, this affordable expert tutor also provides helpful examples and illustrations, chapter self-tests--even a comprehensive final exam. It's the ideal prep tool for acing certification exams, earning a technical degree, or confidently tackling any engineering challenge.

From the Back Cover The definitive self-teaching guide to learning mathematics--now fully up-to-date. Unlike other math books that make your start at page one and work your way up to the technique you need, this unique guide steers you right to your topic of interest, fully explains it within its own context, and then shows you how to use it with real-world examples. The unique jump-in-anywhere format and conversational tone of Stan Gibilisco's and Norman Crowhurst's Mastering Technical Mathematics makes this book--now thoroughly updated--a must for just about any technical professional. It's also the perfect instruction manual for independent students who want to structure their own learning. With this one-of-a-kind, case study-filled guide to all kinds of math used in technical fields, you can--find the technique you need quickly, along with easy-to-understand examples showing how it's used; skip from topic to topic in any order, and learn in your own style at your own pace; master technical math painlessly with this guide's easy-going style and example-packed format; discover new applications in logic, digital systems, and numbering systems; test yourself with quiz questions in each chapter (and complete worked-out solutions). If you work in a field where math comes with the territory, don't miss the guide that puts a multitude of math solutions right at your fingertips: Mastering Technical Mathematics, Second Edition. About the Author Stan Gibilisco is a professional technical writer who specializes in books on electronics and science topics. He is the author of The Encyclopedia of Electronics, The McGraw-Hill Encyclopedia of Personal Computing, and The Illustrated Dictionary of Electronics, as well as over 20 other technical books. His published works have won numerous awards. The Encyclopedia of Electronics was chosen a "Best Reference Book of the 1980s" by the American Library Association, which also named his McGraw-Hill Encyclopedia of Personal Computing a "Best Reference of 1996."