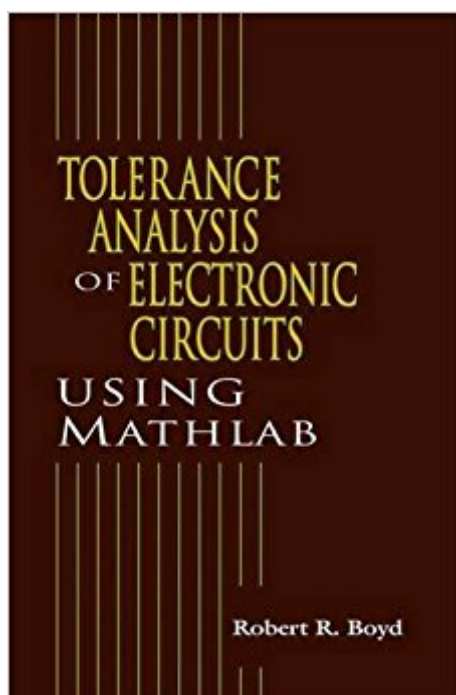


The book was found

# Tolerance Analysis Of Electronic Circuits Using MATLAB



## Synopsis

Written for the practicing electronics professional, *Tolerance Analysis of Electronic Circuits Using MATLAB* offers a comprehensive, step-by-step treatment of methods used to perform analyses essential to the design process of circuit cards and systems of cards, including: worst-case analysis, limits for production testing, component stress analysis, determining if a design meets specification limits, and manufacturing yield analysis. Using a practical approach that allows engineers and technicians to put the techniques directly into practice, the author presents the mathematical procedures used to determine performance limits. The topics and techniques discussed include extreme value and root-sum-square analysis using symmetric and asymmetric tolerance, Monte Carlo analysis using normal and uniform distributions, sensitivity formulas, tolerance analyses of opamp offsets, and anomalies of high-Q ac circuits.

## Book Information

Paperback: 160 pages

Publisher: CRC Press; 1 edition (June 10, 1999)

Language: English

ISBN-10: 0849322766

ISBN-13: 978-0849322761

Product Dimensions: 4.4 x 0.4 x 6.7 inches

Shipping Weight: 4.2 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,029,826 in Books (See Top 100 in Books) #79 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Extraction & Processing](#) #340 in [Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Testing](#) #693 in [Books > Computers & Technology > Software > Mathematical & Statistical](#)

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

*Tolerance Analysis of Electronic Circuits Using MATLAB* Signals and Systems using MATLAB, Second Edition (Signals and Systems Using MATLAB w/ Online Testing) Essentials of Electronic Testing for Digital, Memory and Mixed-Signal VLSI Circuits (Frontiers in Electronic Testing) Accelerating MATLAB Performance: 1001 tips to speed up MATLAB programs Image Processing with MATLAB: Applications in Medicine and Biology (MATLAB Examples) Advanced Electric Drives: Analysis, Control, and Modeling Using MATLAB / Simulink Signals and Systems: Analysis Using Transform Methods & MATLAB PSPICE and MATLAB for Electronics: An Integrated Approach

(VLSI Circuits) PSPICE and MATLAB for Electronics: An Integrated Approach, Second Edition  
(VLSI Circuits) Understanding Jim Crow: Using Racist Memorabilia to Teach Tolerance and Promote Social Justice  
CMOS Digital Integrated Circuits: A First Course (Materials, Circuits and Devices)  
Selected Topics in RF, Analog and Mixed Signal Circuits and Systems (Tutorials in Circuits and Systems)  
Foundations of Analog and Digital Electronic Circuits (The Morgan Kaufmann Series in Computer Architecture and Design)  
Electronic Circuits for the Evil Genius 2/E  
Electronic Logic Circuits  
Foundations Of Analog and Digital Electronic Circuits  
Introductory Electronic Devices and Circuits: Conventional Flow Version, Sixth Edition  
Introductory Electronic Devices and Circuits: Electron Flow Version (5th Edition)  
Introductory Electronic Devices and Circuits: Conventional Flow Version (5th Edition)  
Introductory Electronic Devices and Circuits

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)