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# THE ANALYSIS AND DESIGN OF LINEAR CIRCUITS

Ninth Edition



WILEY

# Thomas Linear Circuits Ninth Edition Solutions Manual

**Thomas Griffiths**



## **Thomas Linear Circuits Ninth Edition Solutions Manual:**

*The Analysis and Design of Linear Circuits* Roland E. Thomas, Albert J. Rosa, Gregory J. Toussaint, 2020-07-15 While most texts focus on how and why electric circuits work *The Analysis and Design of Linear Circuits* taps into engineering students desire to explore create and put their learning into practice Students from across disciplines will gain a practical in depth understanding of the fundamental principles underlying so much of modern everyday technology Early focus on the analysis design and evaluation of electric circuits promotes the development of design intuition by allowing students to test their designs in the context of real world constraints and practical situations This updated Ninth Edition features an emphasis on the use of computer software including Excel MATLAB and Multisim building a real world problem solving style that reflects that of practicing engineers Software skills are integrated with examples and exercises throughout the text and coverage of circuit design and evaluation frequency response mutual inductance ac power circuits and other central topics has been revised for clarity and ease of understanding With an overarching goal of instilling smart judgement surrounding design problems and innovative solutions this unique text provides inspiration and motivation alongside an essential knowledge base

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