

**Twelfth Edition** 

# Engineering Circuit Analysis

J. David Irwin
R. Mark Nelms

# **Basic Engineering Circuit Analysis**

J. David Irwin, Robert M. Nelms

#### **Basic Engineering Circuit Analysis:**

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absolutely absurd and a dangerous idea for anybody thinking of going for a deep sea exploration without first learning how to swim The same is true in the field of electrical engineering and electronics Without a thorough knowledge of the basics success in the relevant fields may be quite farfetched In an electrical circuit the process of studying and analysing the various electrical quantities involved especially the nodal voltages and currents through calculations is known as a circuit analysis In this book we will go through a detailed study of a few circuit configurations and will try to solve the problems involved in these elementary electrical circuits through illustrative examples Circuit analysis is the fundamental gateway for computer and electrical engineering majors Basic Engineering Circuit Analysis has long been regarded as the most dependable book Circuit analysis remains the starting point for many future engineers who wish to work in this field

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