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***previously  
presented, to  
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skills that rely  
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foundation,  
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introduce  
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**experience to  
introduce the  
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Methods  
feature, which  
gives students  
a step-by-step  
problem-  
solving  
approach.  
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companion**

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***work provides  
an  
introduction  
to Multisim and  
supports its  
use in a  
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course based  
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***ease of use***  
***interface and***  
***design***  
***features of***  
***Multisim make***  
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***circuit  
behavior  
uncomplicated  
and insightful.  
Topics appear  
in this  
supplement in  
the same  
order in which  
they are  
presented in  
the text. Step***



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*instructions,*  
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*screen*

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*22 illustrative*  
*examples*  
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*easy path for*  
*mastering*  
*circuit*  
*simulation*  
*with Multisim.*

***To assess understanding a list of recommended exercises from each chapter of the main text are provided at the conclusion of each chapter.***

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examples to

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on design. The 9th edition continues the expanded use of problem-solving software such as PSpice and MATLAB. The 9th edition also includes 140 new problems and 30 new examples, while learning objectives have also been added to each chapter and section. This book is designed for a one- to three-term

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design examples,  
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applications,  
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skills and show  
how to choose the  
best design from  
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text's early

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time spent on  
transitional circuit  
analysis  
techniques that  
will be  
superseded later  
on. Laplace  
transforms are  
used to explain all



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of the important  
dynamic circuit  
concepts, such as  
zero state and  
zero-input  
responses,  
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responses,  
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response, and  
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Fundamentals and  
Applications  
Solving circuit  
problems is less a

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matter of knowing  
what steps to follow  
than why those  
steps are necessary.  
And knowing the  
why stems from an  
in-depth  
understanding of  
the underlying  
concepts and  
theoretical basis of  
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studies based  
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circuits.

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design  
examples,  
design  
problems, and  
the How Can We  
Check feature  
illustrate the  
text's focus  
on design. The

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Introduction To  
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Jackson

Global Edition continues the expanded use of problem-solving software such as PSpice and MATLAB.

Introduction  
to Electric  
Circuits,  
Ninth Edition,

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Electric Circuits  
Lab Manual  
Solutions  
Manual  
(Chapters  
10-19)  
Engineering  
Circuit  
Analysis  
Basic  
Electrical  
Installation  
Work

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Introduction  
to the Design  
of Amplifiers,  
Receivers and  
Digital  
Circuits

*"University  
Physics is a three-  
volume collection  
that meets the  
scope and  
sequence*

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Introduction To  
Electric Circuits

*requirements for  
two- and three-  
semester calculus-  
based physics  
courses. Volume  
1 covers  
mechanics,  
sound,  
oscillations, and  
waves. This  
textbook  
emphasizes  
connections*

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Introduction To  
Electric Circuits

*between theory  
and application,  
making physics  
concepts*

*interesting and  
accessible to  
students while  
maintaining the  
mathematical  
rigor inherent in  
the subject.*

*Frequent, strong  
examples focus*



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*on how to  
approach a  
problem, how to  
work with the  
equations, and  
how to check and  
generalize the  
result."--Open  
Textbook Library.  
Known for its  
clear problem-  
solving  
methodology and*

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Electric Circuits

*it emphasis on  
design, as well as  
the quality and  
quantity of its  
problem sets,*

*Introduction to  
Electric Circuits,  
Ninth Edition by  
Dorf and Svoboda  
will help readers  
to think like  
engineers.*

*Abundant design*

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Introduction To  
Electric Circuits  
9th Edition  
Jackson

*examples, design problems, and the How Can We Check feature illustrate the texts focus on design. The 9th edition continues the expanded use of problem-solving software such as PSpice and MATLAB.*

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Electric Circuits  
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Jackson

WileyPLUS sold  
separately from  
text.

*Circuit analysis is  
the fundamental  
gateway course  
for computer and  
electrical  
engineering  
majors.*

*Engineering  
Circuit Analysis  
has long been*

Online Library  
Introduction To  
Electric Circuits

*regarded as the  
most dependable  
textbook. Irwin  
and Nelms has  
long been known  
for providing the  
best supported  
learning for  
students  
otherwise  
intimidated by  
the subject  
matter. In this*

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Introduction To  
Electric Circuits  
*new 11th edition,*  
9th Edition  
Irwin and Nelms  
Jackson  
continue to  
develop the most  
complete set of  
pedagogical tools  
available and  
thus provide the  
highest level of  
support for  
students entering  
into this complex  
subject. Irwin

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Electric Circuits  
and Nelms'  
9th Edition  
Jackson

*trademark  
student-centered  
learning design  
focuses on  
helping students  
complete the  
connection  
between theory  
and practice. Key  
concepts are  
explained clearly  
and illustrated by*

Online Library  
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Electric Circuits  
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Jackson

*detailed worked  
examples. These  
are then followed  
by Learning  
Assessments,  
which allow  
students to work  
similar problems  
and check their  
results against  
the answers  
provided. The  
WileyPLUS*



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Jackson

*course contains  
tutorial videos  
that show*

*solutions to the  
Learning*

*Assessments in  
detail, and also  
includes a robust  
set of algorithmic  
problems at a  
wide range of  
difficulty levels.*

**WileyPLUS** sold

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Introduction To  
Electric Circuits  
*separately from  
text.*

*This book is also  
available through  
the Introductory  
Engineering  
Custom  
Publishing  
System. If you  
are interested in  
creating a course-  
pack that  
includes chapters*

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*from this book,  
you can get  
further  
information by  
calling  
212-850-6272 or  
sending email  
inquiries to [engin  
eerjwiley.com](mailto:engin<br/>eerjwiley.com).  
The authors offer  
a set of objectives  
at the beginning  
of each chapter*

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Electric Circuits  
9th Edition  
Jackson

*plus a clear,  
concise  
description of  
abstract  
concepts.*

*Focusing on  
preparing  
students to solve  
practical  
problems, it  
includes  
numerous  
colorful*

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Introduction To  
Electric Circuits

*illustrative examples. Along with updated material on MOSFETS, the CRO for use in lab work, a thorough treatment of digital electronics and rapidly developing areas of electronics, it*

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Introduction To  
Electric Circuits

*contains an  
expansive*

*glossary of new  
terms and ideas.*

*Introduction to  
Electric Circuits*

*9th Edition CA*

*Edition with*

*WileyPLUS Card  
Set*

*Electrical*

*Installation Work*

*Electronic*

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Electric Circuits  
Circuits

*Participant guide*  
*The Analysis and*  
*Design of Linear*  
*Circuits*

***Dorf and***  
***Svoboda's text***  
***builds on the***  
***strength of***  
***previous***  
***editions with***  
***its emphasis***

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Electric Circuits  
9th Edition  
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***on real-world  
problems that  
give students  
insight into  
the kinds of  
problems that  
electrical and  
computer  
engineers are  
currently  
addressing.  
Students***



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Electric Circuits  
9th Edition  
Jackson

***encounter a  
wide variety  
of  
applications  
within the  
problems and  
benefit from  
the author  
team's  
enormous  
breadth of  
knowledge of***

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Electric Circuits  
9th Edition  
Jackson

***Leading edge  
technologies  
and  
theoretical  
developments  
across  
Electrical and  
Computer  
Engineering's  
subdisciplines***

***"This***

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Introduction To  
Electric Circuits  
*undergraduate  
and advanced  
pre-degree  
textbook  
includes 850  
worked  
examples. Now  
with glass  
batteries,  
climate change  
and the future  
of electricity*

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Electric Circuits  
*production.*  
9th Edition  
Its companion  
Jackson  
website  
includes  
multiple  
choice tests,  
laboratory  
experiments,  
and 1400  
questions and  
solutions" - -  
*Electric*

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***Circuits and Networks is designed to serve as a textbook for a two-semester undergraduate course on basic electric circuits and networks. The book builds on***

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***the subject  
from its basic  
principles.  
Spread over  
seventeen  
chapters, the  
book can be  
taught with  
varying degree  
of emphasis on  
its six  
subsections***

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***based on the  
course  
requirement.  
Written in a s  
tudent-  
friendly  
manner, its  
narrative  
style places  
adequate  
stress on the  
principles***

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***that govern  
the behaviour  
of electric  
circuits and  
networks.***

***A  
supplementary  
lab manual  
suitable for  
introductory  
electric  
circuits***



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Jackson

***courses  
offered  
through  
electrical  
technologist-  
and electrical  
technician-  
level programs  
at the college  
level  
(primarily  
those using***

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Jackson  
**Introduction  
to Electric  
Circuits 9e).**

***This text is  
also suitable  
for use in non-  
specialist  
survey courses  
at the  
university  
level.***

***Electrical***

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*Circuit Theory  
and Technology  
Basic  
Engineering  
Circuit  
Analysis  
Introduction  
to Electric  
Circuits, 9th  
Edition  
A First Course  
in Electrical*

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**Engineering  
Principles of  
Transistor  
Circuits**

*First*

*published in  
1959, this  
classic work  
has been used  
as a core text  
by hundreds of  
thousands of*

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college and  
9th Edition  
university  
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students

enrolled in  
introductory  
circuit  
analysis  
courses.

Acclaimed for  
its clear,  
concise  
explanations

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*of difficult  
concepts, its  
comprehensive  
problem sets  
and exercises,  
and its  
authoritative  
coverage, this  
edition also  
covers the  
latest  
developments*

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*in the field.*  
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Jackson  
With extensive  
new coverage  
of AC and DC  
motors and  
generators; a  
wealth of  
exercises,  
diagrams, and  
photos; and  
over 150  
Multisim

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*circuit*  
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*simulations on*  
Jackson  
*an*  
*accompanying*  
*CD,*  
*Introduction*  
*to Electric*  
*Circuits,*  
*Updated Ninth*  
*Edition, is*  
*the essential*  
*text for*



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Introduction To  
Electric Circuits  
*introducing*  
9th Edition  
*electric*  
Jackson  
*circuits.*

*For over  
thirty years,  
Stan Amos has  
provided  
students and  
practitioners  
with a text  
they could  
rely on to*

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Electric Circuits  
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*keep them at  
the forefront  
of transistor  
circuit  
design. This  
seminal work  
has now been  
presented in a  
clear new  
format and  
completely  
updated to*

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*include the  
latest  
equipment such  
as laser  
diodes,  
Trapatt  
diodes,  
optocouplers  
and GaAs  
transistors,  
and the most  
recent line*

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Electric Circuits  
output stages  
9th Edition  
and switch-  
Jackson  
mode power  
supplies.

Although  
integrated  
circuits have  
widespread  
application,  
the role of  
discrete  
transistors is

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Electric Circuits,  
*undiminished,*  
9th Edition  
*both as*  
Jackson  
*important*  
*building*  
*blocks which*  
*students must*  
*understand and*  
*as practical*  
*solutions to*  
*design*  
*problems,*  
*especially*

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Electric Circuits

*where*

*appreciable*

*power output*

*or high*

*voltage is*

*required. New*

*circuit*

*techniques*

*covered for*

*the first time*

*in this*

*edition*

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Electric Circuits  
include curren  
9th Edition  
t-dumping  
Jackson  
amplifiers,  
bridge output  
stages,  
dielectric  
resonator  
oscillators,  
crowbar  
protection  
circuits,  
thyristor

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*field  
timebases, low-  
noise blocks  
and SHF  
amplifiers in  
satellite  
receivers,  
video clamps,  
picture  
enhancement  
circuits,  
motor drive*



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*circuits in*  
9th Edition

*video*  
Jackson

*recorders and  
camcorders,  
and UHF  
modulators.*

*The plan of  
the book  
remains the  
same:*

*semiconductor  
physics is*

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Electric Circuits

*introduced,  
followed by  
details of the  
design of  
transistors,  
amplifiers,  
receivers,  
oscillators  
and  
generators.  
Appendices  
provide*

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information on  
9th Edition  
transistor  
Jackson  
manufacture  
and  
parameters,  
and a new  
appendix on  
transistor  
letter symbols  
has been  
included.  
When revising

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this standard  
9th Edition  
text in  
Jackson  
electric  
circuits, the  
author  
retained the  
features that  
have kept the  
book a success  
and expanded  
coverages of  
ICs, printed

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Electric Circuits,  
*wiring boards,*  
9th Edition  
Jackson  
*equivalent  
circuit*

*analysis, and  
superconductiv  
ity. Topics  
are developed  
in a  
methodical,  
step-by- step,  
cause-and-  
effect manner.*

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As the  
9th Edition  
Jackson  
availability  
of powerful

computer  
resources has  
grown over the  
last three  
decades, the  
art of  
computation of  
electromagneti  
c (EM)

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Jackson

*problems has also grown - exponentially.*

*Despite this dramatic growth, however, the EM community lacked a comprehensive text on the computational*

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*techniques  
used to solve  
EM problems.*

*The first  
edition of  
Numerical  
Techniques in  
Electromagneti  
cs filled that  
gap and became  
the reference  
of choice for*



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*thousands of  
engineers,  
researchers,  
and students.*

*The Second  
Edition of  
this  
bestselling  
text reflects  
the continuing  
increase in  
awareness and*

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*use of  
numerical  
techniques and  
incorporates  
advances and  
refinements  
made in recent  
years. Most  
notable among  
these are the  
improvements  
made to the*

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*standard  
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*algorithm for  
the finite  
difference  
time domain  
(FDTD) method  
and treatment  
of absorbing  
boundary  
conditions in  
FDTD, finite  
element, and t*

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Transmission-  
9th Edition  
line-matrix  
Jackson

methods. The author also added a chapter on the method of lines.

Numerical Techniques in Electromagnetics continues

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*to teach  
readers how to  
pose,*

*numerically  
analyze, and  
solve EM  
problems, give  
them the  
ability to  
expand their p  
roblem-solving  
skills using a*

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Jackson

*variety of  
methods, and  
prepare them  
for research  
in electromagn  
etism. Now the  
Second Edition  
goes even  
further toward  
providing a  
comprehensive  
resource that*

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addresses all  
9th Edition  
of the most  
Jackson  
useful

computation  
methods for EM  
problems.

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to Electric  
Circuits 9th  
Edition  
International  
Student

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Set

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Release 9.2  
Laplace Early  
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to Electric  
Circuits,  
Ninth Edition,  
Herbert W.  
Jackson, Dale



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*Temple, Brian*  
9th Edition  
*Kelly*  
Jackson  
*Bird's*

*Electrical  
Circuit Theory  
and Technology*

The fourth edition  
of this work  
continues to  
provide a thorough  
perspective of the  
subject,

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communicated through a clear explanation of the concepts and techniques of electric circuits. This edition was developed with keen attention to the learning needs of students. It includes

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illustrations that  
have been  
redesigned for  
clarity, new  
problems and new  
worked examples.  
Margin notes in  
the text point out  
the option of  
integrating PSpice  
with the provided  
Introduction to

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PSpice; and an instructor's roadmap (for instructors only) serves to classify homework problems by approach. The author has also given greater attention to the importance of

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circuit memory in  
electrical  
engineering, and  
to the role of  
electronics in the  
electrical  
engineering  
curriculum.  
Electric Circuits  
and Networks  
Field Safety