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This title is intended
to present circuit
analysis to

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technology students

in a manner that is clearer, more interesting and easier to understand than other texts. The book may also be used for a one-semester course by a proper selection of chapters and sections by the instructor.

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frank explanations &
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**engineering and
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students have
frequently to
resolve and
simplify quite
complex circuits
in order to
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them or to
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numerical results and a sound knowledge of basic circuit theory is therefore essential. The author is very much in favour of tutorials and the solving of

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method of
education.
Experience
shows that
many
engineering
students
encounter
difficulties when
they first apply
their theoretical**

**knowledge to
practical
problems. Over
a period of
about twenty
years the author
has collected a
large number of
problems on
electric circuits
while giving
lectures to**

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students attending the first two post-intermediate years of University engineering courses. The purpose of this book is to present these problems (a

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**total of 365)
together with
many solutions
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exercises) in the
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separated from
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methodology in chapter one, and are consistently made to apply and practice these steps in practice problems and homework problems throughout the text. A balance of theory, worked examples and extended

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a Problem exercises integrated into the problem sets in the book.

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homework
problems by
approach. The
author has also
given greater
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importance of
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engineering, and to
the role of
electronics in the
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concepts and

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beginning with
vector analysis-
which is then
applied throughout
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static fields prepares
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employment in
today's industrial
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electromagnetic

interference and

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solving based on
conceptual understanding
and physical intuition
rather than on rote
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powerful computer
resources has grown over*

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at comparatively

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with simple

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some

characteristics of

local area

networks and wide

area networks, the

metropolitan area

network (MAN)

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technology reflects the best features of both. The motivations for MAN technology include o interconnection of LANs o high-speed services o integrated services. MANs can be used in the

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following areas:

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Networks provides

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