

VISIT ONLINE
OXFORD
QUICK
REFERENCE

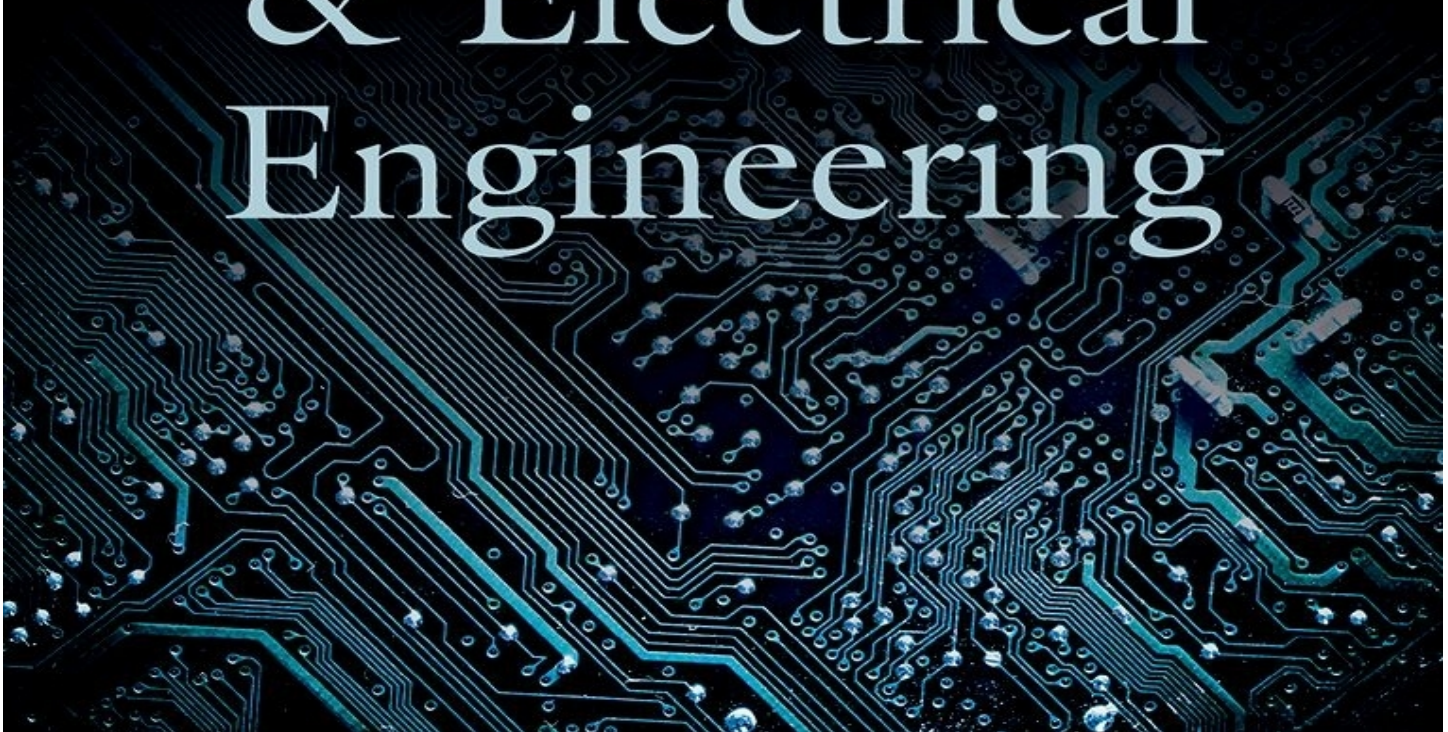


CLEAR DEFINITIONS OF EVEN THE
MOST TECHNICAL TERMS

Oxford



DICTIONARY OF Electronics & Electrical Engineering



ASSIA EX2004
Charter Communications v. ASSIA
IPR2024-01379

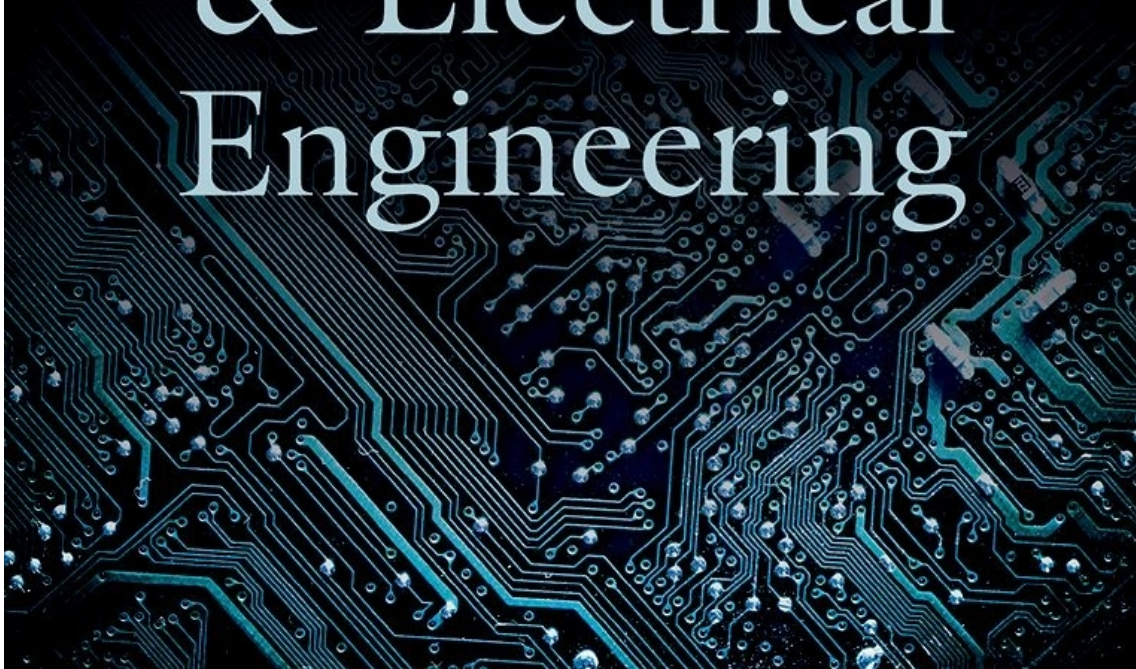
VISIT ONLINE
OXFORD
QUICK
REFERENCE

CLEAR DEFINITIONS OF EVEN THE
MOST TECHNICAL TERMS

Oxford



DICTIONARY OF Electronics & Electrical Engineering



How to search for terms in ***A Dictionary of Electronics and Electrical Engineering***

To find an entry in this e-book you can:

- Browse the [Alphabetical List of Entries](#) and select the entry you would like to view

or

- Use your Search function to be taken to a complete list of references to your search term in the *Dictionary*
 - If your search term has its own entry, it will usually be listed at the top of your results
 - In cases where your search term appears in more than one entry heading, the results will be listed alphabetically

A note on special characters

While most e-readers can display special characters (such as é and â), many cannot search for words containing them, unless the special characters themselves are typed into the search box. If you are unable to type these characters, please browse for your term using the [Alphabetical List of Entries](#).

percentage error The relative error expressed as a percentage, by simply multiplying the relative error by 100. *See* [ABSOLUTE ERROR](#).

percentage modulation *See* [AMPLITUDE MODULATION](#).

percentile life *See* [MEAN LIFE](#).

perfect dielectric *See* [DIELECTRIC](#).

perfect transformer (ideal transformer) *See* [TRANSFORMER](#).

period (periodic time) (symbol: T) The time required to complete a single cycle of regularly recurring events. The period of an oscillation is related to the frequency, f , and the angular frequency, ω , by

$$T = \frac{1}{f} = \frac{2\pi}{\omega}$$

periodic Denoting any variable quantity that has regularly recurring values with respect to equal increments of some independent variable, such as time. The interval between two successive repetitions is the **period*.

periodic damping (overdamping) *See* [DAMPED](#).

periodic duty *See* [DUTY](#).

periodic signal A signal that repeats itself at regular intervals; a periodic waveform.

periodic table The classification of chemical elements, first introduced by Mendeléeve, that demonstrates a periodicity of chemical properties when the elements are arranged in order of their atomic numbers. One form of periodic table is given in [Table 11](#), in the back matter. Elements of similar chemical properties occur in the same vertical group in the periodic table. The periodic table was used to predict the existence of undetected elements.