



Electrical & Electronic Technology by Fun2

REFERENCE SHEET - Launch Code: AP118

About Us Guide **Fun2 Electrical and Electronic Technology** Tools Exit

zView 3D TV Settings

DC Circuit

DC Circuit:

- Basic Concepts of a Circuit
- Kirchhoff's Law
- Circuit Theorems
- Circuit Elements and Current-Voltage
- Use of the Multimeter

Sinusoidal AC Circuit

Sinusoidal AC Circuit:

- The Generation of Sinusoidal AC
- Alternating Current Through a Single
- Sine AC Series Circuit
- Three-Phase AC Circuit

Electromagnetic Principle

Electromagnetic Principle:

- The Basics of Magnetic Fields
- Electromagnetic Induction
- Self Inductance and Mutual Inductance
- Ferromagnetic Materials
- Magnetic Circuit and Basic Laws
- Electromagnet

Transformers and Motors

Transformers & Motors:

- Transformer
- Asynchronous Motor



Electrical & Electronic Technology by Fun2

REFERENCE SHEET - Launch Code: AP118

Fun2 Electrical and Electronic Technology

About Us Guide Tools Exit

When the stylus ray is cast upon an object, click on the middle button to select the object and keep it pressed to move the object.

Click on the left button to revert an object to its original state.

When the stylus ray is cast upon an object, keep the right button pressed and move the stylus back and forth to zoom in and out.

$$V_1 = V_2 = 4.44fN_1\Phi_m$$

$$V_1 = V_2 = 4.44fN_2\Phi_m$$

$$\frac{V_1}{V_2} = \frac{4.44fN_1\Phi_m}{4.44fN_2\Phi_m} = \frac{N_1}{N_2} = K$$

I (A) =
Please enter the current value.

V (V) =
Please enter the voltage value.

Submit

Operation

Principle

Exploded View

Partial Circuit

Full Circuit

Checks for Understanding

Translucent Operation