

EMF activity

Electromotive force

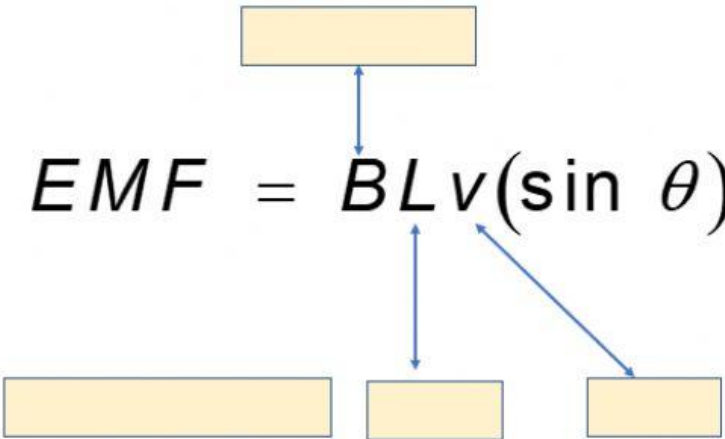
Magnetic field

Length

velocity

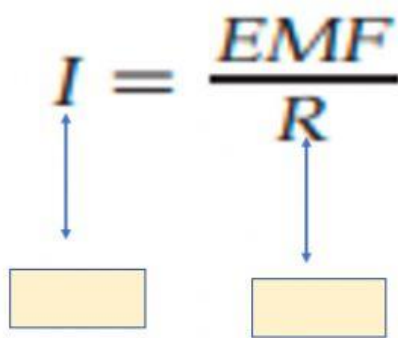
Current

Resistance



The diagram shows the equation $EMF = BLv(\sin \theta)$ with arrows pointing from variables to empty boxes. An arrow points from EMF to a box above the equation. Another arrow points from B to a box below the equation. A third arrow points from L to a box below the equation. A fourth arrow points from v to a box below the equation. A fifth arrow points from θ to a box below the equation.

$$EMF = BLv(\sin \theta)$$



The diagram shows the equation $I = \frac{EMF}{R}$ with arrows pointing from variables to empty boxes. An arrow points from I to a box below the equation. Another arrow points from EMF to a box below the equation. A third arrow points from R to a box below the equation.

$$I = \frac{EMF}{R}$$