MAGNETIC FLUX

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MATRIC NO.: 2022/11738

Magnetic Flux Formula:

The number of magnetic lines passing through area A is known as Magnetic flux.

Φb = BA cosθ

Where

Φb = magnetic flux

B = Magnetic field

A = area

 θ = angle between B and A

It is a vector quantity and the general form of magnetic flux can be calculated by using the following equation:

ΦB = ∬A B dA