CO2 NLM

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Saycoos S

1) The line integral of magnetic field B around a closed path is equal to the permeability of free space μ_0 times the total current enclosed by path

$$\oint B \, dl = \mu_0 I_{enc}$$

2) The line integral of the electric field E around a closed path is equal to the negative rate of change of magnetic flux through the surface enclosed by the path

$$\oint E \cdot dl = - d\Phi_S / dt$$