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Ampere's Law: $\oint \mathbf{J} + (\nabla \times \mathbf{E}) \cdot d\mathbf{l} = \mu_0 I_{enc}$ (5.14) If We Were Thinking In Terms Of A Dielectric Medium With No Explicit Currents, Only Implicit (in $\epsilon_0 \mathbf{E}$) We Would Write This $\oint \mathbf{H} \cdot d\mathbf{l} = I_{enc}$ (May 1th, 2024.

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