## Maxwell's Equations

## Static Fields:

Integral Form
Faraday's Law $\quad \oint \bar{E} \cdot d \bar{l}=0$

Ampere's Law
$\oint \bar{H} \cdot d \bar{l}=\int \bar{J} \cdot d \bar{s}$
$\oint_{s} \bar{D} \cdot d \bar{s}=\int_{V} \rho_{v} d V$
$\oint \bar{B} \cdot d \bar{s}=0$
$\bar{\nabla} \cdot \bar{B}=0$

