



Lecture Notes #09Θ — Thu 7 March 2002

Examples of Faraday's and Lenz's Laws

$\Phi_B \dots$ (MAG FLUX)...
 $\frac{\Delta \Phi_B}{\Delta t}$ (CHANGE!)
 $-\frac{\Delta \Phi_B}{\Delta t} = \mathcal{E}$ (LENZ'S LAW)
 \mathcal{E} {CW or CCW?} (EMF = Volts)
 $I_{ind} = \frac{\mathcal{E}}{R}$ (CURRENT)
 \vec{F} ? (OPPOSING \vec{F})

