

### 3.16.4: EandM- Faraday's Law

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If a changing magnetic field is present near a wire that is part of a circuit it will cause current to flow in the circuit. This is known as Faraday's law and is the basis for a lot of modern technology. Electric generators, metal detectors, the read head on a computer hard drive, credit card readers, cassette tape readers. We will see several applications for sound reproduction.

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