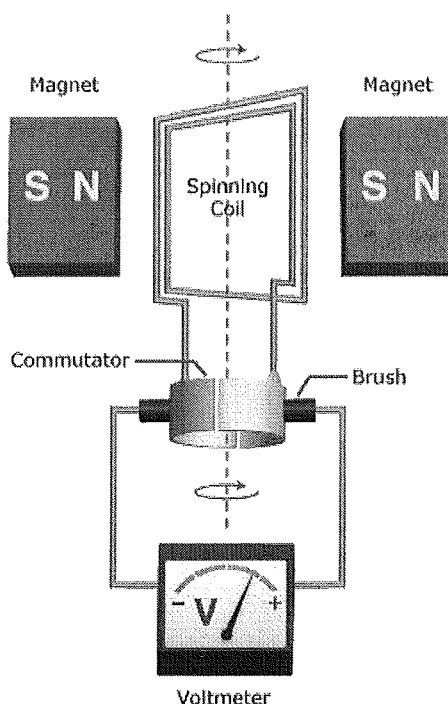


Physics 12 Section 21-5

Electric Generators

1. Electric generators are the most practical use of Faraday's discovery.



2. An induced EMF is the result of a changing magnetic flux. If the above Coil is rotated by some external force then the magnetic flux (BA) changes because the area of the coil goes from maximum to minimum and back again as it rotates.
3. An electric motor is just a generator in reverse. When a current is supplied to the coil, the coil experiences a torque.

