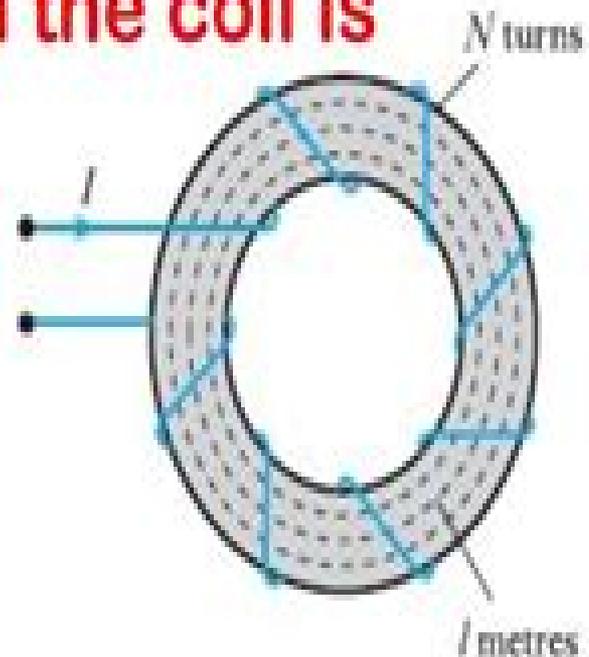


# Magnetic Circuits (Solved Problems)

2. A coil of 500 turns is wound uniformly over a wooden ring having a mean circumference of 600 mm and a uniform cross-sectional area of  $500\text{mm}^2$ . If the current through the coil is 10.0A, calculate

- (a) the magnetic field strength;
- (b) the flux density;
- (c) the total flux.



# Magnetic Circuits Problems And Solutions

**K Payea**



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