**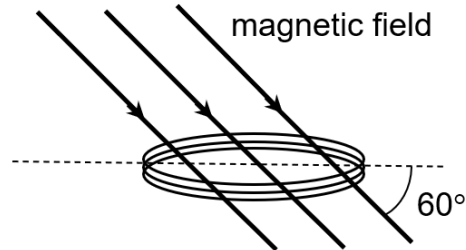26** A magnetic field of uniform flux density 0.045 T is at an angle of 60° below the plane of horizontal coil of wire as shown.



magnetic field

60°

The coil of wire has 4 turns and cross sectional area of 0.30 m².

What is the magnitude of the change in magnetic flux linkage of the coil of wire when it is flipped over 180° about a horizontal axis?

**A** 0 Wb turns    **B** 0.012 Wb turns    **C** 0.035 Wb turns    **D** 0.094 Wb turns