

Magnetic Force Application (10)



A triangular current loop is free to rotate around the vertical axis PQ .

If a uniform magnetic field \vec{B} is switched on, will the corner R of the triangle start to move out of the plane, into the plane, or will it not move at all?

Find the answer for a field \vec{B} pointing

- (a) up,
- (b) to the right,
- (c) into the plane.

