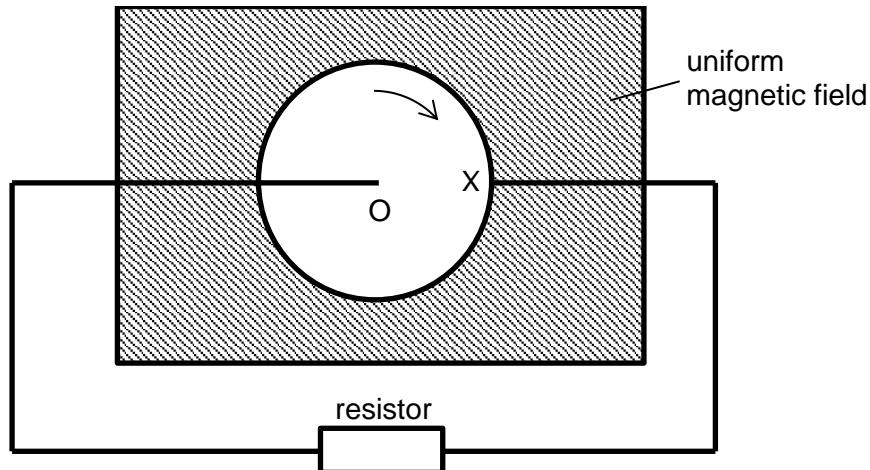
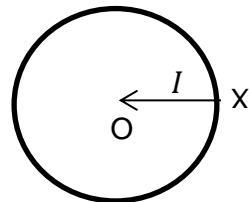


- 25 A copper disc is rotated clockwise at constant speed in a region where there is a uniform magnetic field perpendicular to the surface of the disc as shown below. The direction of the magnetic field is into the paper. A circuit consisting of a resistor is connected to the disc at its center O and its rim at X.

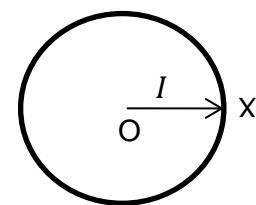


Which of the following diagrams shows a possible direction of the induced current?

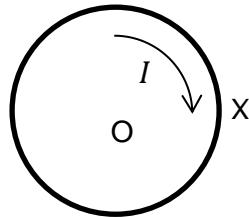
A



B



C



D

