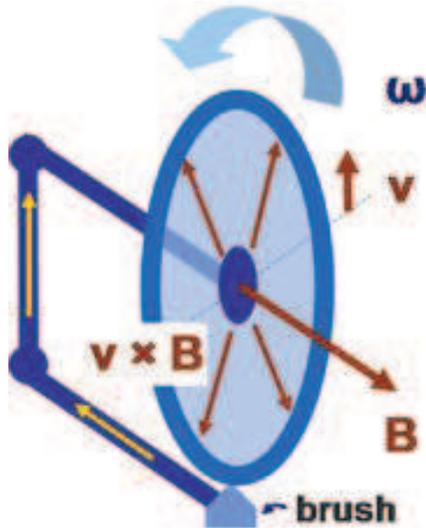


Faraday Disc: a problem



- Bar magnet along the axis of the conducting disc
- Conducting loop as shown in the figure

Does the current flow through the loop when:

- The magnet is stationary and the disc is spinning ?
- The disc is stationary and the magnet is spinning about its axis ?
- Both the disc and the magnet are spinning with the same angular speed ?