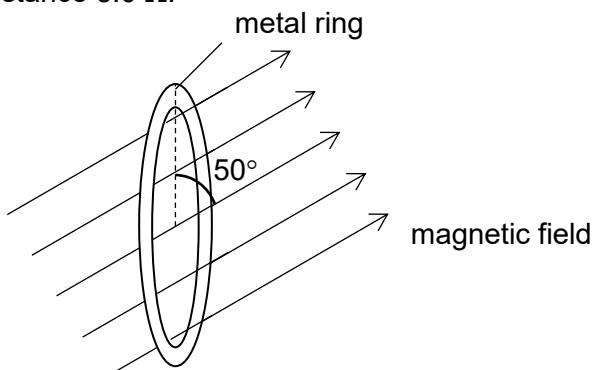


- 26** A uniform magnetic field directed at 50° from the vertical passes through a circular metal ring of diameter 0.50 m and resistance $3.0\ \Omega$.



The magnetic flux density through the ring decreases by $4.0 \times 10^{-5}\text{ T}$ at a constant rate in 2.0 s. During this change, the current induced in the ring

- A** remains constant at $1.0\ \mu\text{A}$.
- B** remains constant at $1.3\ \mu\text{A}$.
- C** decreases from zero to $1.0\ \mu\text{A}$.
- D** decreases from zero to $1.3\ \mu\text{A}$.