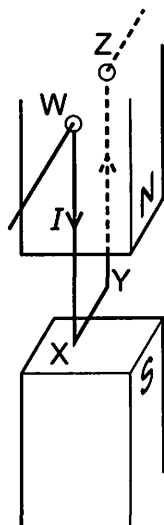


- 26** A piece of wire WXYZ is pivoted freely about a horizontal axis at points W and Z. Section XY of the wire is situated between the North (N) and South (S) poles of a magnet.



WXYZ is connected to an electrical circuit. The circuit is closed and there is a constant current  $I$  in the wire.

What describes the motion of the wire, if any, after the circuit is closed?

- A** swings to the left and becomes stationary in a new position
- B** swings to the right and becomes stationary in a new position
- C** oscillates continually in the magnetic field
- D** remains at rest at its original position in the magnetic field