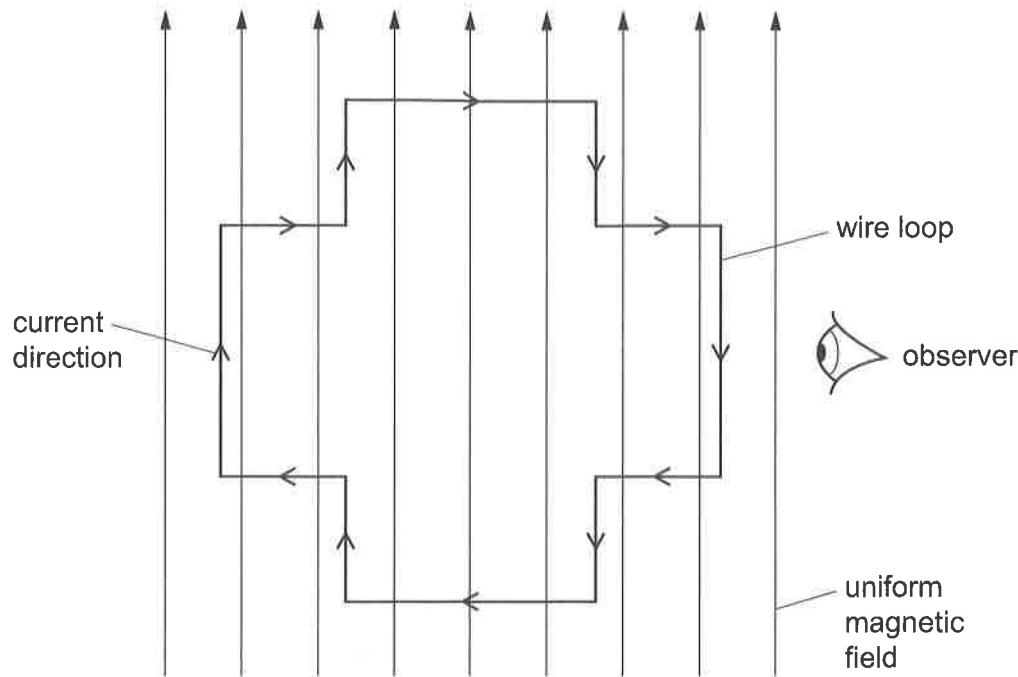


- 24** A cross-shaped wire loop is placed in a vertical uniform magnetic field so that the plane of the loop is parallel to the field.

The loop is supported in space but is free to move in any direction.

A current is then made to pass round the loop as shown.



As viewed by the observer on the right of the loop, what movement will the loop experience?

- A** anticlockwise rotation
- B** clockwise rotation
- C** movement to the left
- D** movement to the right

- 25** Two beams of negatively charged particles are fired towards the centre of the edges of a square