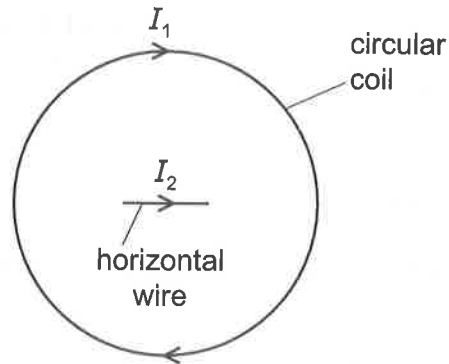


- 25** A vertical circular coil carries a current I_1 in a clockwise direction. At the centre of the coil is a short, straight horizontal wire which carries a current I_2 , as shown in the diagram.



What is the direction of the magnetic force on the horizontal wire due to the circular coil?

- A** upwards
- B** downwards
- C** into the plane of the diagram
- D** out of the plane of the diagram

