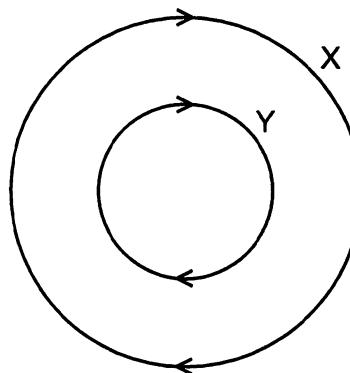


24 Two concentric coils X and Y each carry a current in the same direction.



The magnetic field due to the current in X causes forces to act on Y.

What are the directions of the forces?

- A** inwards, towards the centre of Y
- B** outwards, away from the centre of Y
- C** perpendicular to the plane of Y, into the diagram
- D** perpendicular to the plane of Y, out of the diagram