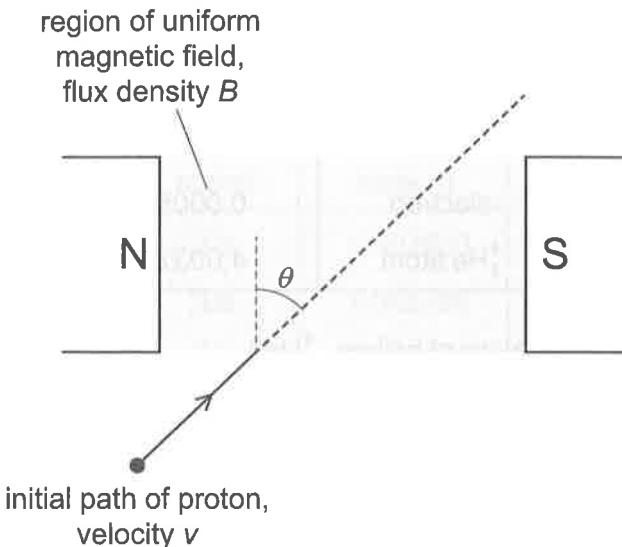


25 A proton of charge e travelling at velocity v enters a magnetic field of flux density B at an angle θ .



What is the force acting on the proton as it enters the field?

- A $Bev \cos \theta$ out of the page
- B $Bev \sin \theta$ out of the page
- C $Bev \cos \theta$ into the page
- D $Bev \sin \theta$ into the page

26 Two straight current-carrying conductors are placed one above the other.