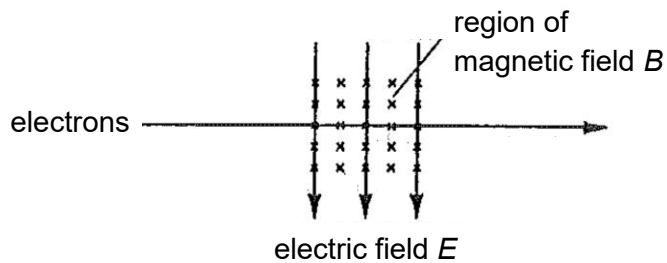


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A beam of electrons enters a region in which there are magnetic and electric fields directed at right angles. It passes straight through without deviation.



A second beam of protons travelling twice as fast as the first is then directed along the same line. How is the second beam deviated?

**A**

downwards in the plane of the paper

**B**

upwards in the plane of the paper

**C**

out of the plane of the paper

**D**

into the plane of the paper