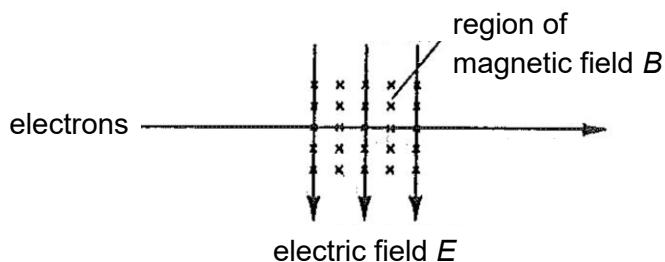


A beam of electrons enters a region in which there are magnetic and electric fields directed at right angles. It passes straight through without deviation.



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