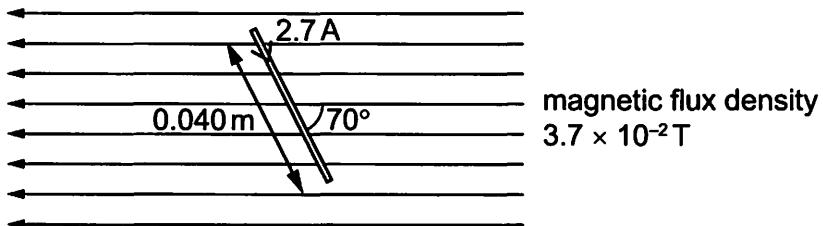


- 24 A wire of length 0.040 m is at an angle of 70° to a magnetic field of flux density 3.7×10^{-2} T, as shown.



The current through the wire is 2.7 A.

What is the force on the wire and the direction in which the force acts?

	force on the wire/N	direction in which the force acts
A	1.4×10^{-3}	into the paper
B	1.4×10^{-3}	out of the paper
C	3.8×10^{-3}	into the paper
D	3.8×10^{-3}	out of the paper