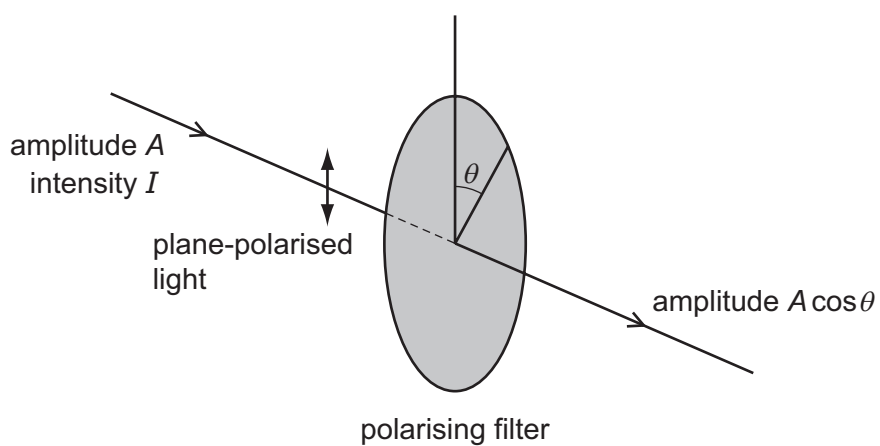


- 30 When plane-polarised light of amplitude A is passed through a polarising filter as shown, the amplitude of the light emerging is $A \cos \theta$.



The intensity of the initial beam is I .

What is the intensity of the emerging light when θ is 60.0° ?

- A** $0.250 I$ **B** $0.500 I$ **C** $0.750 I$ **D** $0.866 I$

Space for working