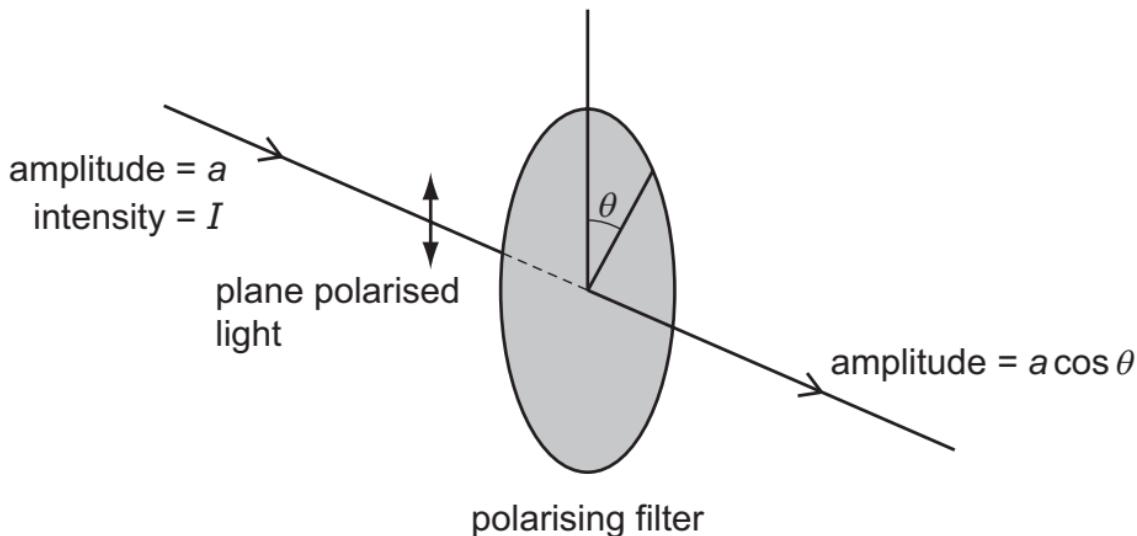


- 25 When plane-polarised light of amplitude a is passed through a polarising filter as shown, the amplitude of the light emerging is $a \cos \theta$.



The intensity of the initial beam is I .

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

A $0.250I$

B $0.500I$

C $0.750I$

D $0.866I$

- 26 A stationary wave is produced by two loudspeakers emitting sound of the same frequency.