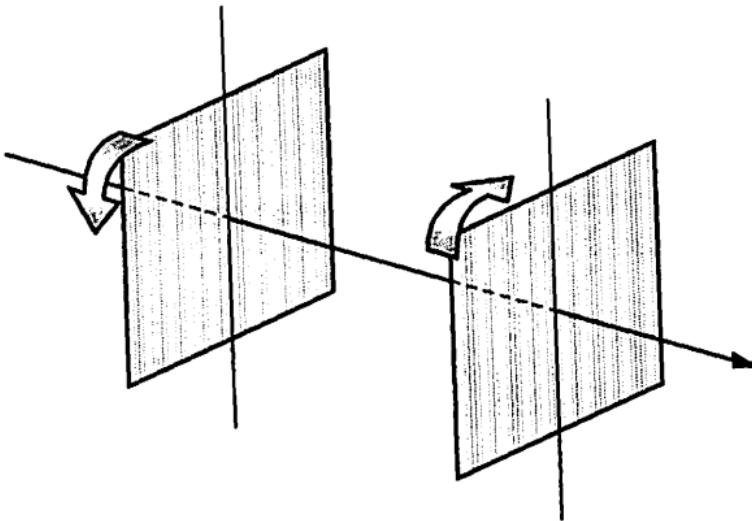


15 The diagram shows a beam of initially unpolarised light passing through two Polaroid filters.



The transmitting axes of these filters are initially aligned. The two filters are now rotated through 360° in opposite directions in their own plane at equal speeds.

How many maxima of intensity occur in the light emerging from the right-hand Polaroid?

A 2

B 3

C 5

D 9