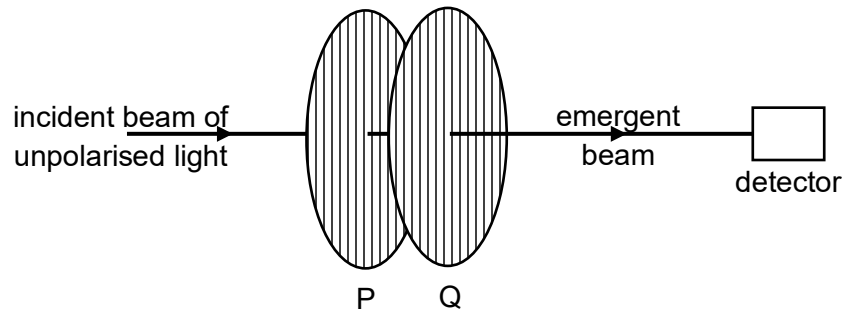


- 18** Two sheets of polaroid P and Q are placed such that their planes of polarisation are parallel as shown. A beam of unpolarised light passes through them and the intensity of the emergent beam is detected by the detector.



Which of the following is a possible angle through which Q can be rotated such that the intensity detected is reduced by 30%?

- A** 213° **B** 226° **C** 237° **D** 253°