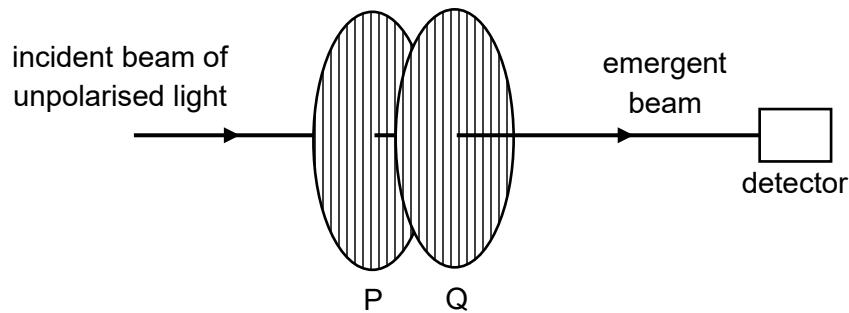


- 14** Two sheets of polaroid P and Q are placed such that their planes of polarisation are parallel as shown. A beam of unpolarised light passes through them and is incident on the detector. The intensity detected is I .



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°