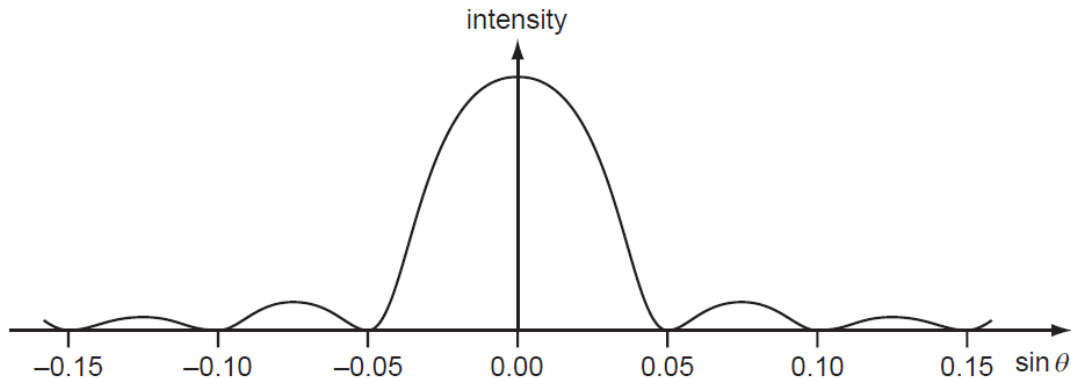


- 18** A parallel, monochromatic beam of electromagnetic radiation is incident at right angles onto a single slit of width 0.010 mm.

The graph shows how the intensity of the radiation varies with the sine of the angle θ through which the light is diffracted.



What is the wavelength of the radiation?

- A** 500 nm **B** 750 nm **C** 500 μm **D** 750 μm

- 19** The diagram shows the electric equipotential lines in a non-uniform electric field.