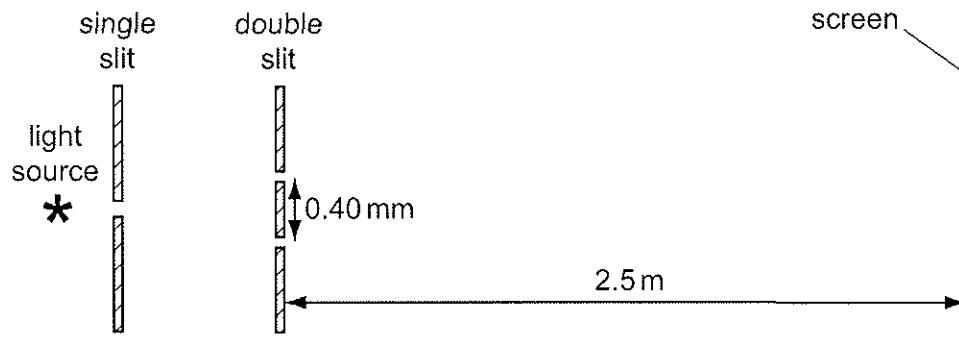
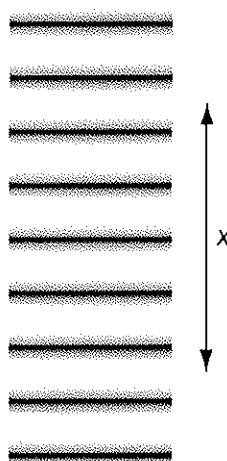


23 A two-source interference experiment is set up as shown.



The source emits light of wavelength 600 nm. The interference pattern on the screen is shown below.



What is the distance x ?

- A $3.8 \times 10^{-4} \text{ m}$ B $1.9 \times 10^{-3} \text{ m}$ C $3.8 \times 10^{-3} \text{ m}$ D $1.9 \times 10^{-2} \text{ m}$