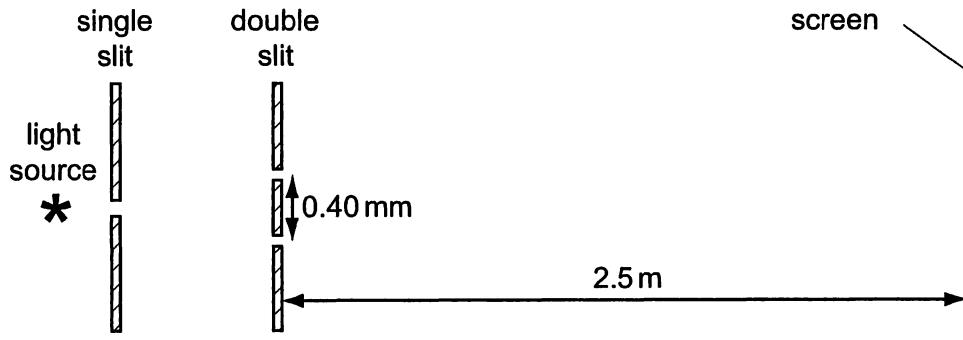
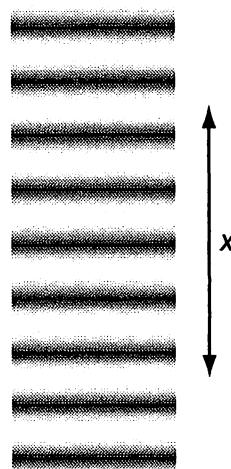


18 A two-source interference experiment is set up as shown.



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** $1.9 \times 10^{-2} \text{ m}$