

$$\Delta y = f(x_0 + \Delta x) - f(x_0) = 1.502 - 0.08 = 1.422$$

$$\frac{\Delta y}{\Delta x} = \frac{1.42}{0.994} = 1.43$$

$$\begin{aligned} f(x) &= x^2 \\ x_0 &= 0.3 \\ \Delta x &= 0.9942 \end{aligned}$$

