4. (1) $U_0 = \frac{\Delta R}{4R_0} E = \frac{3.5}{4\times350} \times 4 = 0.01\,(V)$

(2) $U_0 = \frac{1}{4}\left(\frac{\Delta R_1}{R_0} - \frac{\Delta R_2}{R_0}\right) \times 4 = 0\,(V)$

(3) $U_0 = \frac{1}{4}\left(\frac{\Delta R_1}{R_0} - \frac{\Delta R_2}{R_0}\right)_{\times E} = \frac{1}{2} \frac{3.5\times4}{350} = 0.02\,(V)$

(4)

$$U_0 = \frac{1}{4}\left(\frac{\Delta R_1}{R_0} - \frac{\Delta R_2}{R_0} + \frac{\Delta R_3}{R_0} - \frac{\Delta R_4}{R_0}\right) U_i$$

$$= \frac{1}{4}\left(\frac{3.5}{350} + \frac{3.5}{350} + \frac{3.5}{350} + \frac{3.5}{350}\right) \times 4$$

$$= 0.04\,(V)$$

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