

Electric Potential and Electric Field in One Dimension (2)



For given electric potential $V(x)$ find the electric field

- (a) $E_x(0.5\text{m})$, (b) $E_x(1.5\text{m})$,
(c) $E_x(2.5\text{m})$, (d) $E_x(3.5\text{m})$.

For given electric field $E_x(x)$ and given reference potential $V(0) = 0$
find the electric potential

- (e) $V(1\text{m})$, (f) $V(2\text{m})$, (g) $V(4\text{m})$.

