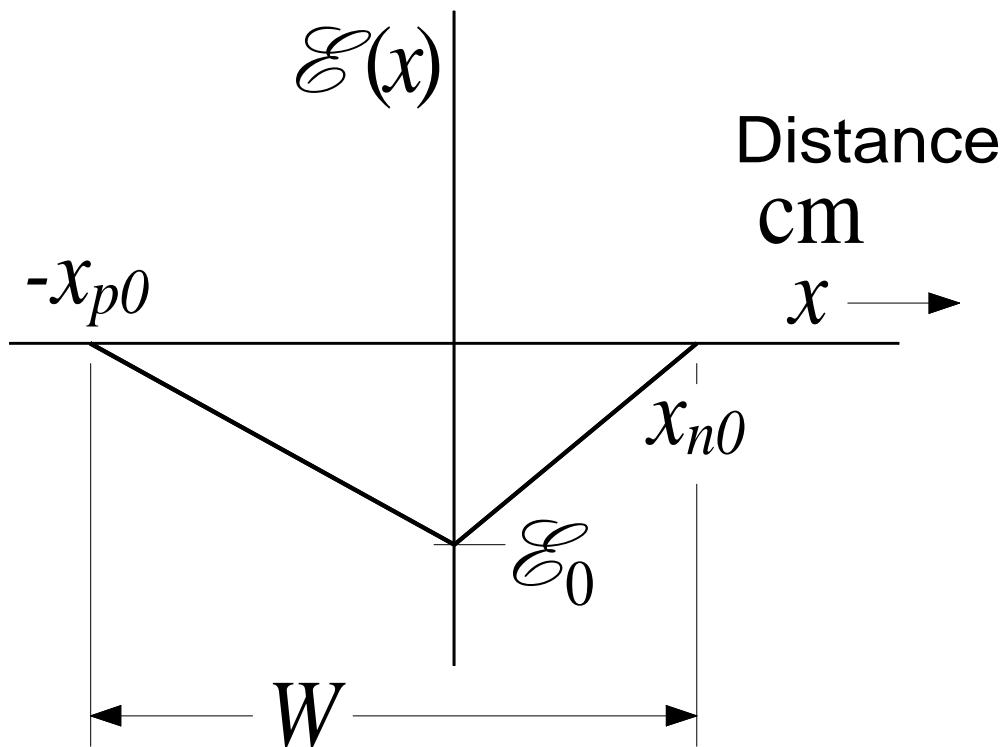


# ELECTRIC FIELD STRENGTH

at a p-n junction



$$\mathcal{E}_0 = -\frac{q}{\epsilon} N_d x_{n0} = -\frac{q}{\epsilon} N_a x_{p0}$$