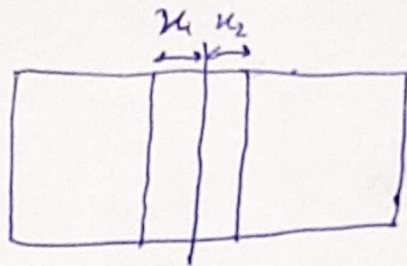


Problem (Multi correct)

Q1 Lets assume a p-n junction with number density N_A in p-type & N_B in n-type. Then relation b/w x_1 & x_2 is



- (a) $x_1 > x_2$, if $N_A > N_B$
- (b) $x_2 < x_1$, if $N_A > N_B$
- (c) $x_1 > x_2$, if $N_A < N_B$
- (d) $x_1 < x_2$, if $N_A < N_B$

Ans: b, c

Solⁿ: Refer Lecture at 50:10.