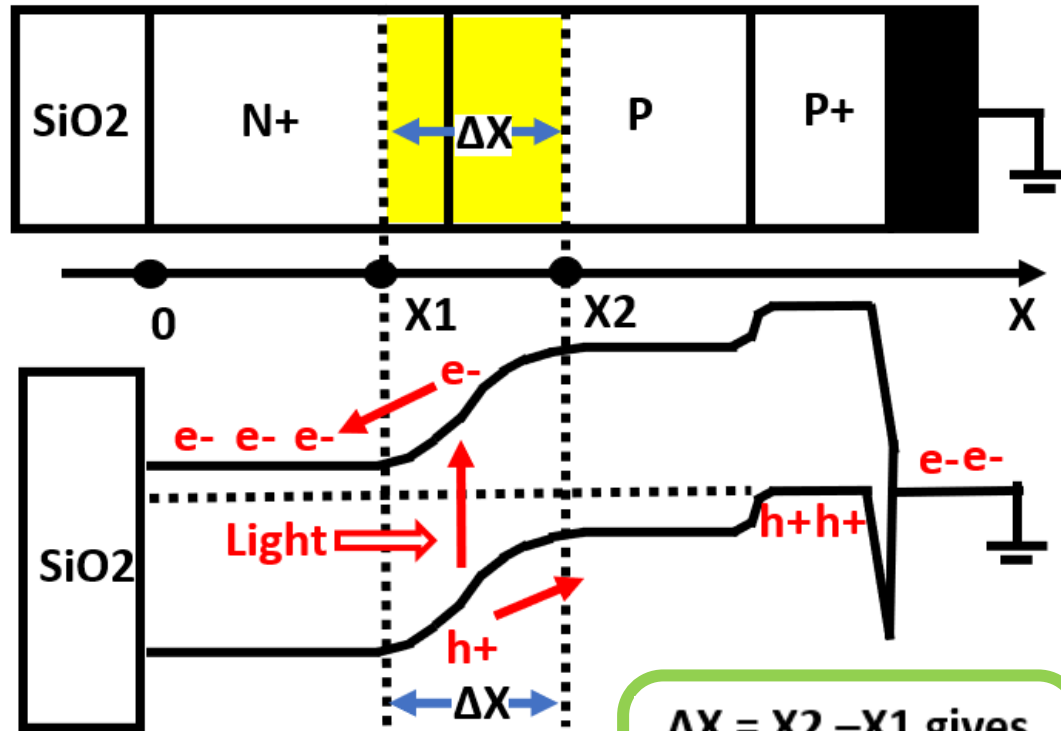


Single Junction type Solar Cell has a very low efficiency of less than 28%.

Why_Silion_Solar_cell_has_Very_Low_Efficiency

Only Light reaching the depletion zone ΔX can contribute the Q.E.



$\Delta X = X2 - X1$ gives
 $\Delta Y = Y2 - Y1$ which
 gives 28% at MAX.

Short Wave Blue Light is all wasted.

