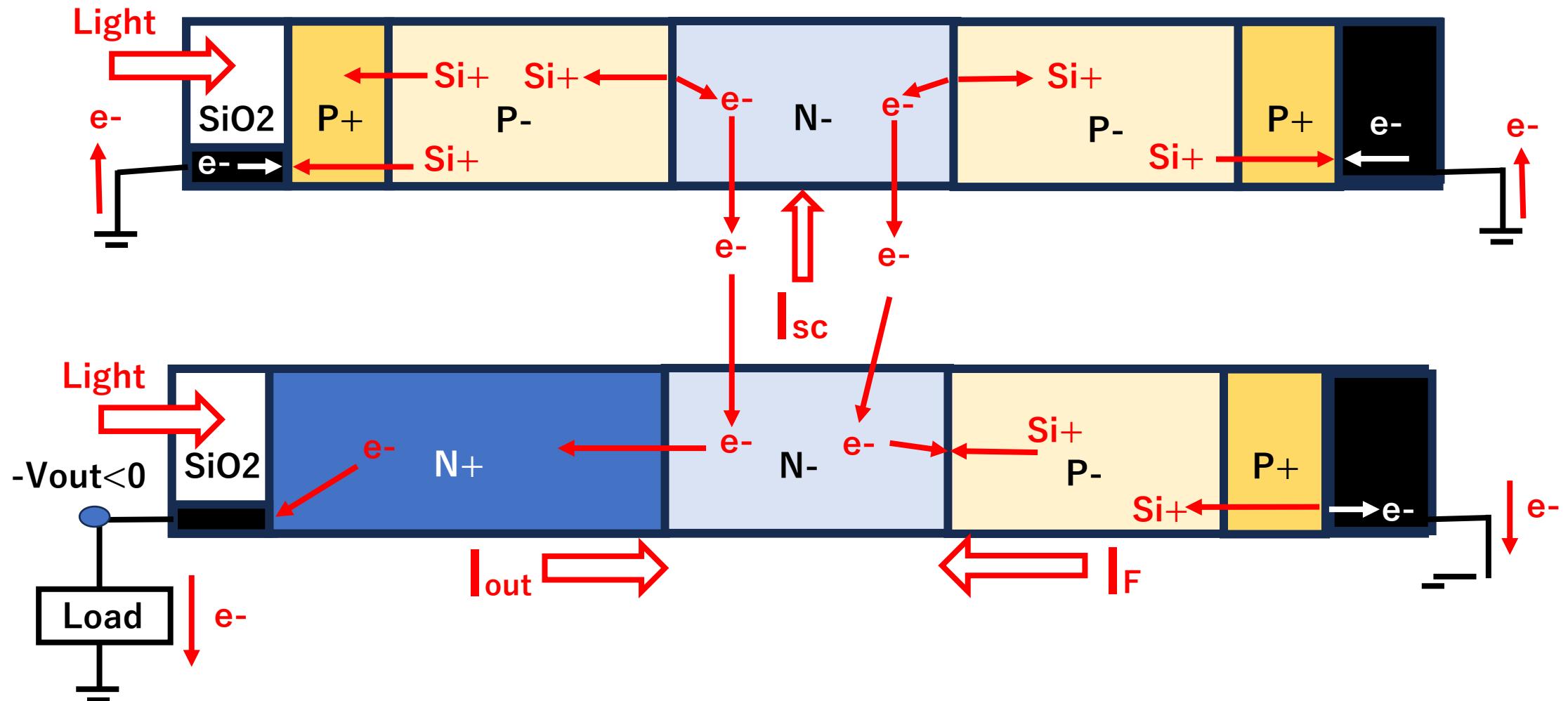


P+P-N-P-P+ Double Junction Pinned Photodiode Type Solar Cell
 defined in JPA2020-131313 (JP6810828) by Yoshiaki Hagiwara



$$I_{sc} = I_{out} + I_F ; \quad I_F = I_o \exp(V_{out}/kT) ; \quad I_{out} = V_{out}/R_{out} ;$$