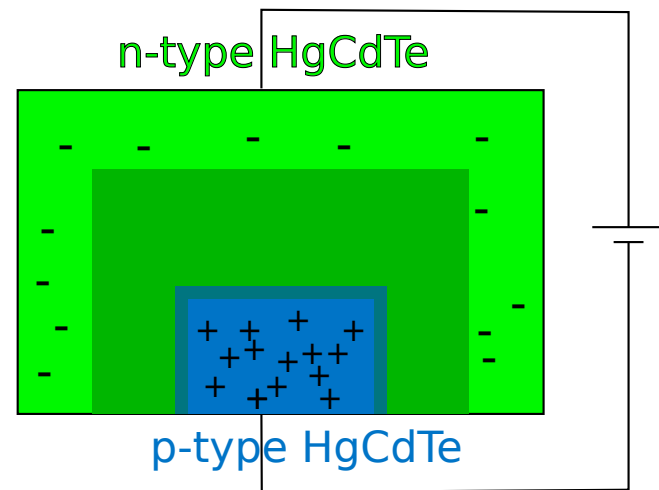
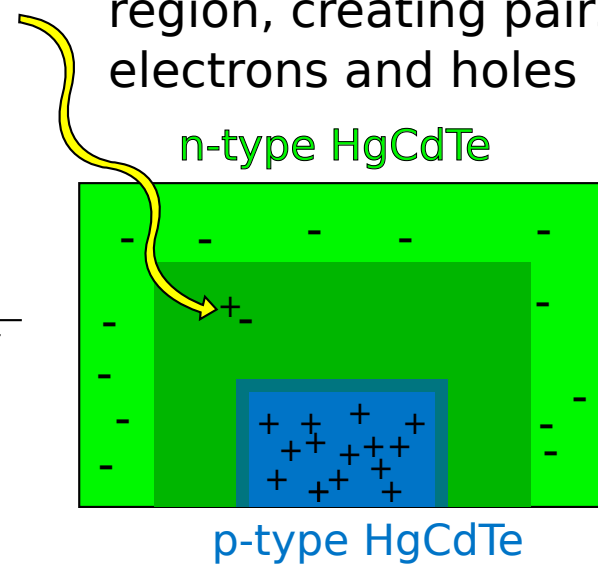


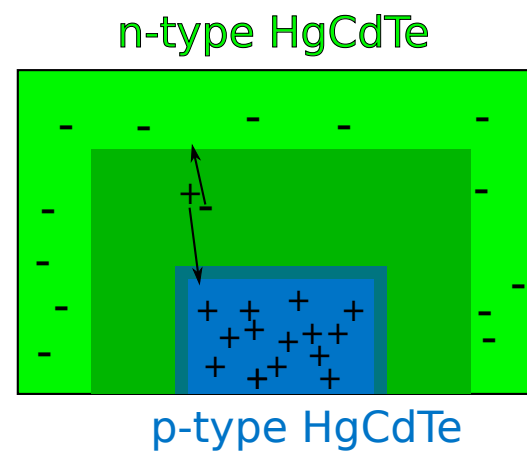
Reset voltage applied  
(reverse bias)



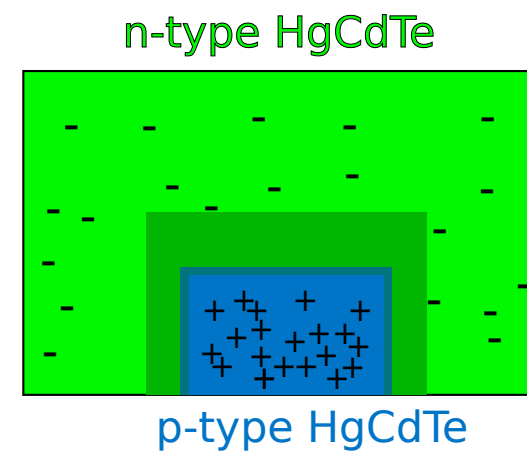
Photons strike depletion region, creating pairs of electrons and holes



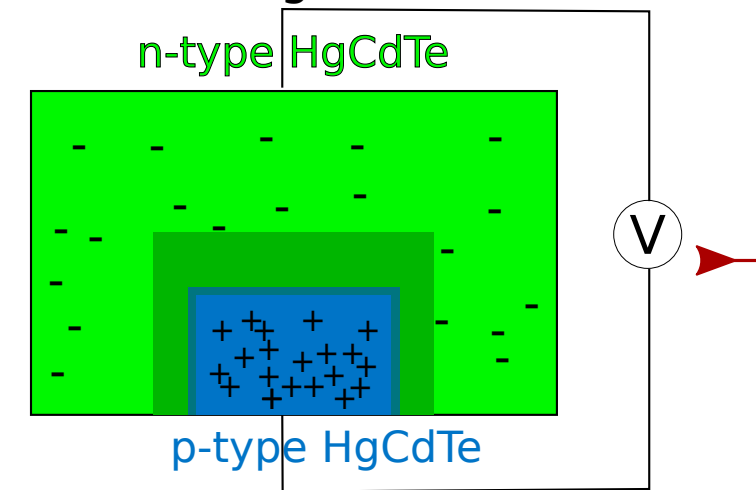
Charges move in response to electric field



Depletion Region decreases in size as mobile charges build up



The number of electrons is counted by measuring the voltage across diode



Next Integration

Reset voltage applied,  
beginning next integration

