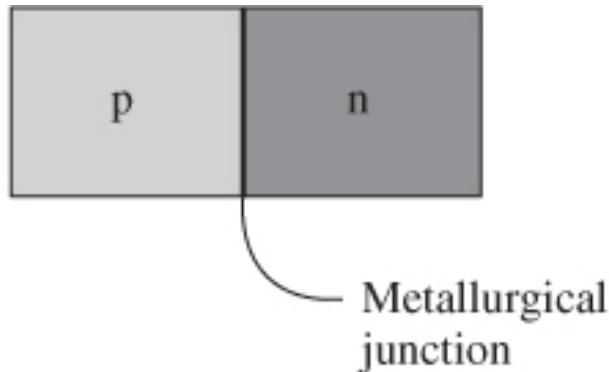
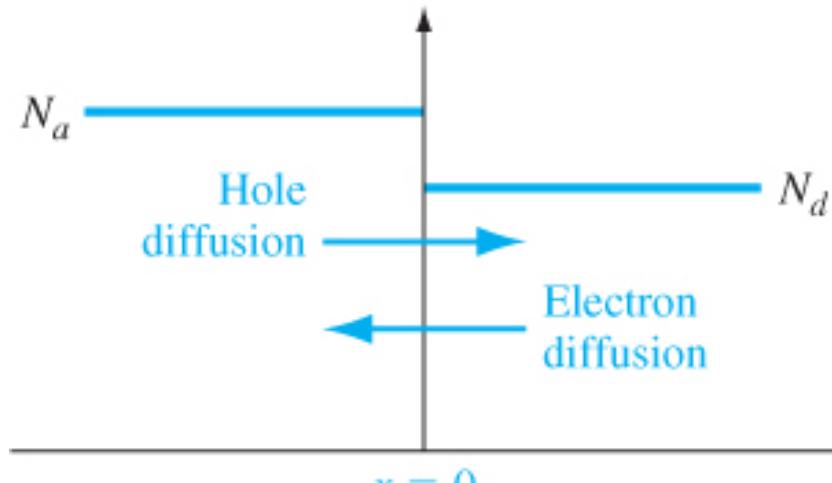


From *Semiconductor Physics and Devices: Basic Principles* (4th Edition), Donald A. Neamen, McGraw Hill, 2012, ISBN 978-0-07-352958-5.



(a)



(b)

**Figure 7.1** | (a) Simplified geometry of a pn junction; (b) doping profile of an ideal uniformly doped pn junction.