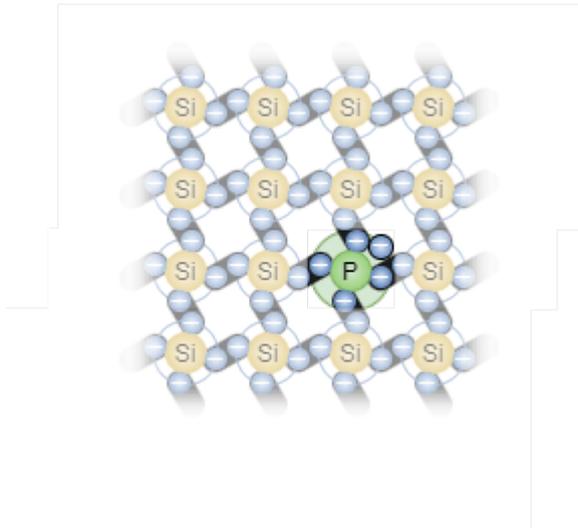
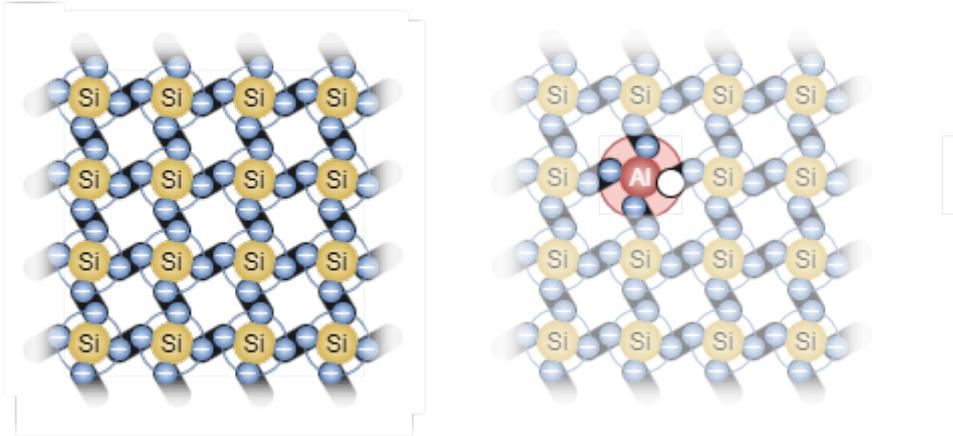


2 Diodes and Transistors

Student Group

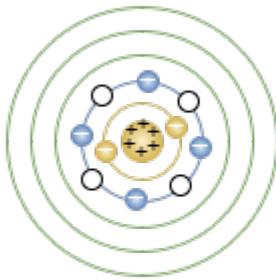
First Name	Surname	Matrikel Nr.

Table of Contents

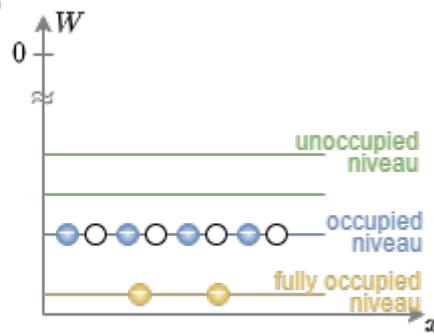


Bohr atomic model

1a

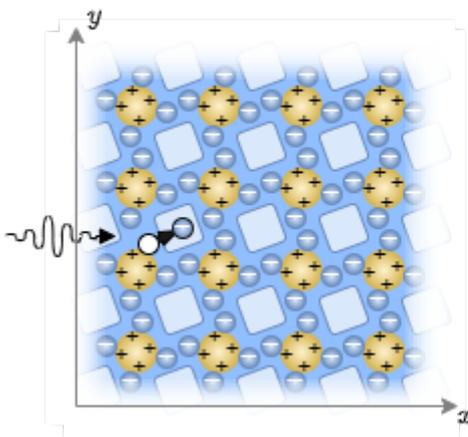


1b

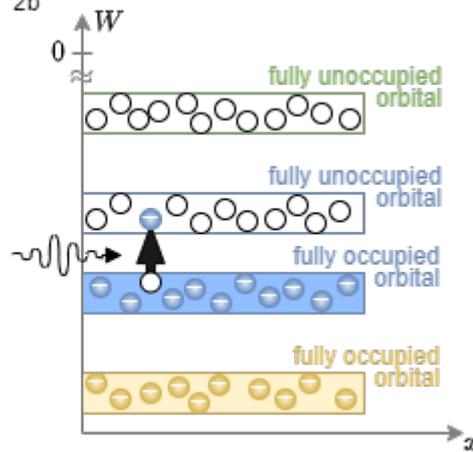


2a

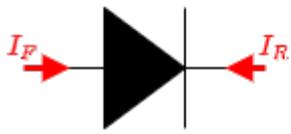
Band model



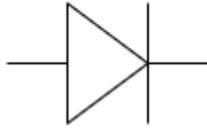
2b



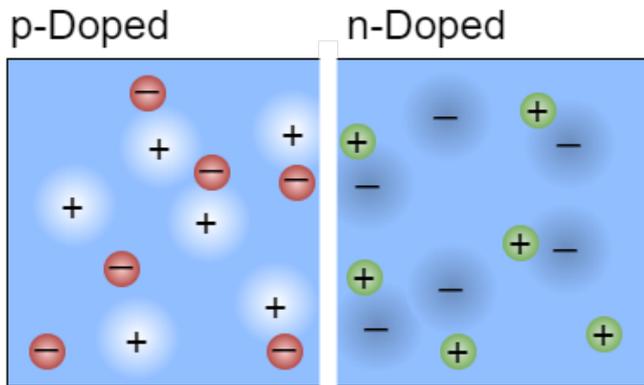
	a)	b)	c)	d)
1. Intrinsic				
2. n-Doped				
3. p-Doped				



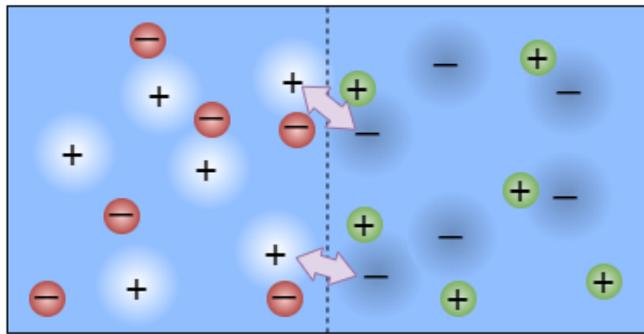
IEEE



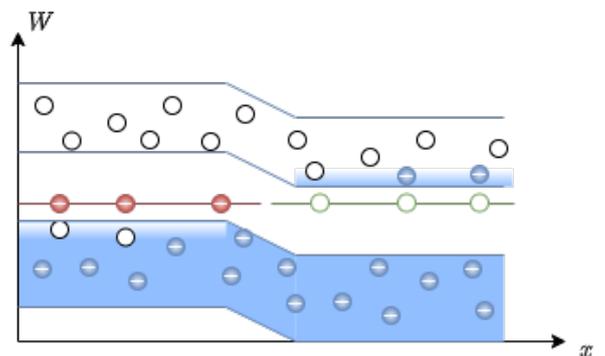
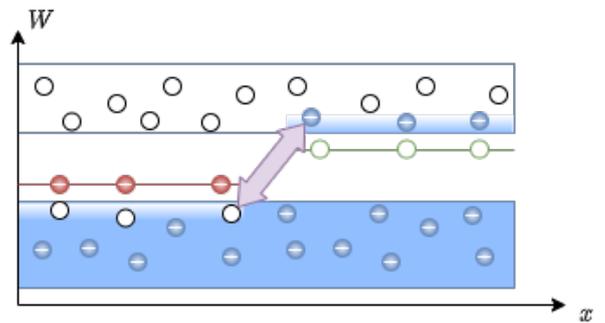
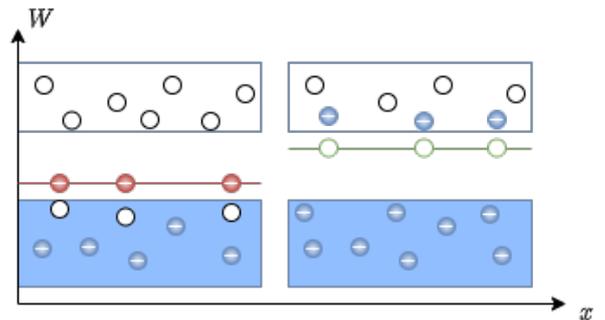
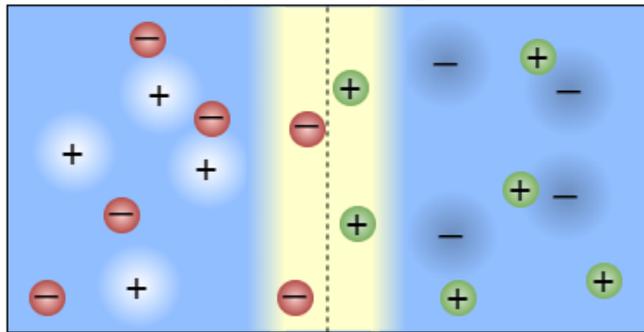
DIN/EN



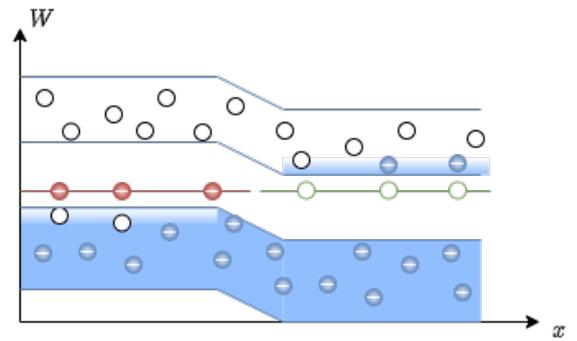
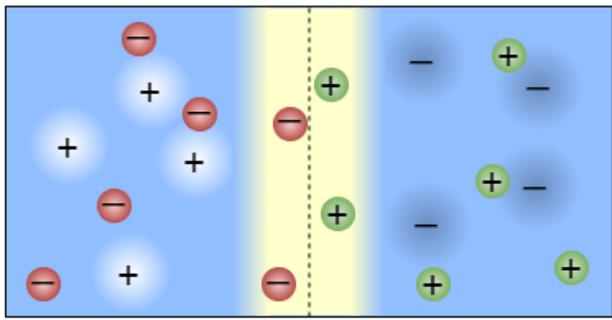
Recombination



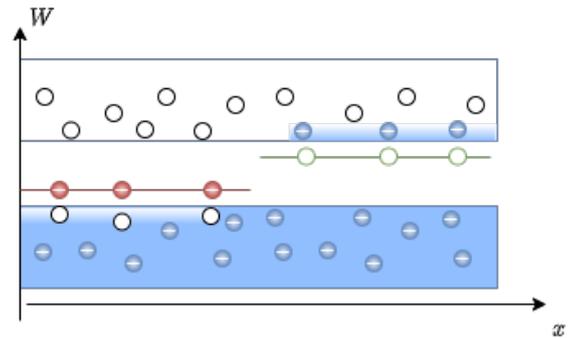
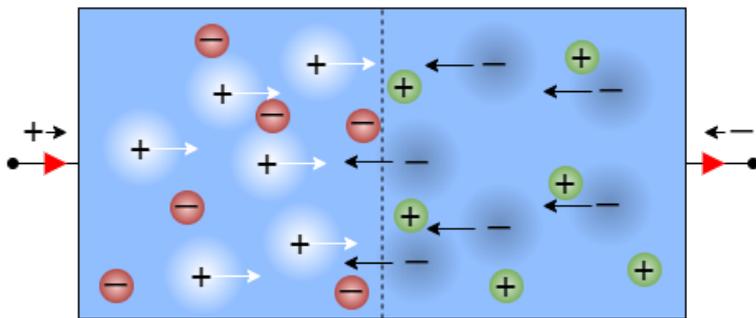
Depletion Region



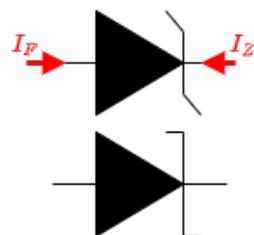
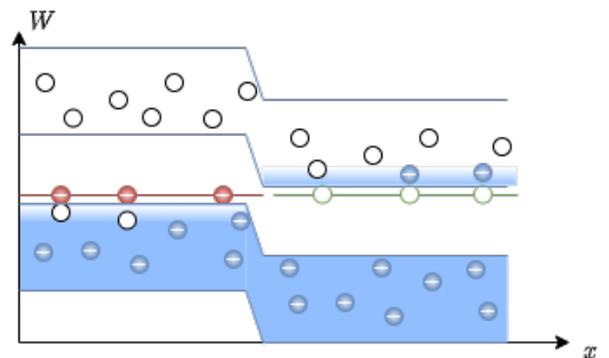
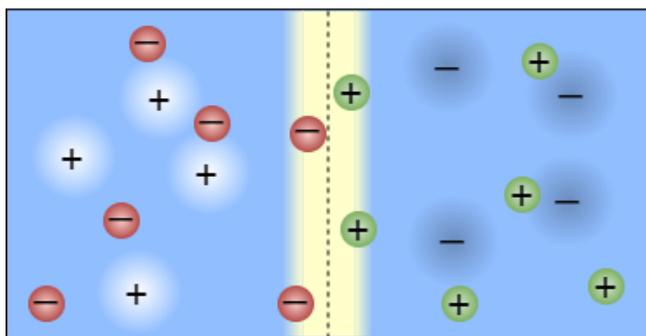
without external Voltage



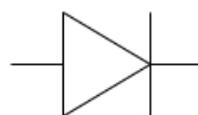
with $U_F > 0$



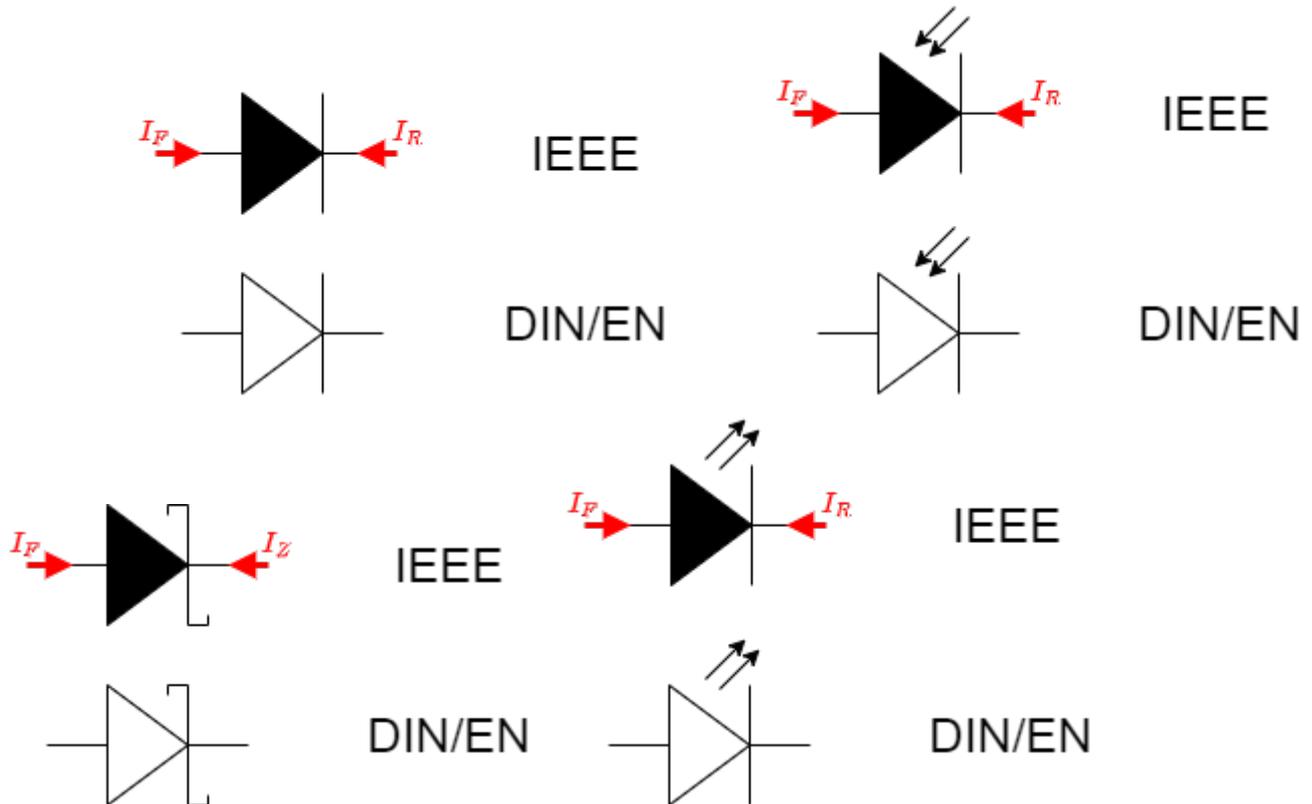
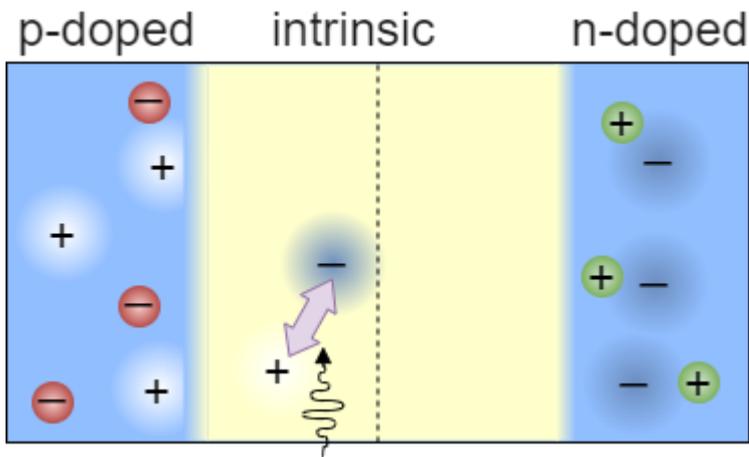
pn Junction with steep Doping



IEEE



DIN/EN



From: <https://wiki.mexle.te.hs-heilbronn.de/> - MEXLE Wiki

Permanent link: https://wiki.mexle.te.hs-heilbronn.de/circuit_design/2_diodes?rev=1636850474

Last update: 2021/11/14 01:41

