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

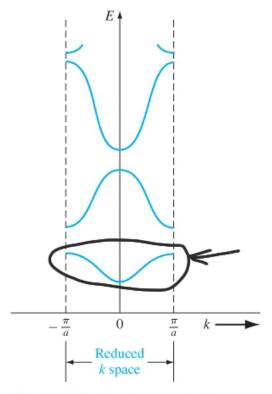


Figure 3.11 | The E versus k diagram in the reduced-zone representation.

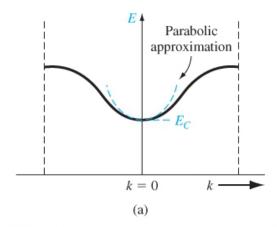


Figure 3.16  $\mid$  (a) The conduction band in reduced k space, and the parabolic approximation.

 $\triangleright$   $E_C$  is the energy at the bottom of the conduction band (constant).