

3.3. Quasi-Fermi Levels (QFL's)

3.3a The quasi-Fermi level μ^+ indicates

- (a) the occupation of positive momentum states
- (b) the average occupation of all states
- (c) the average energy of electrons in positive momentum states
- (d) the average energy of all electrons
- (e) none of the above

3.3b The boundary condition for the quasi-Fermi level μ^+ is

(a) $m^{\dagger}(z=0) = m_1 - \frac{qIR_B}{2}$

(b) $m^{\dagger}(z=L) = m_2 + \frac{qIR_B}{2}$

(c) $m^{\dagger}(z=0) = m_1$

(d) $m^{\dagger}(z=L) = m_2$

(e) none of the above