

3.10. Summing up ..

3.10a To locate the spatial distribution of the resistance on an atomic scale we should look at the spatial profile of the

- (a) energy dissipation
- (b) electrostatic potential
- (c) quasi-Fermi levels
- (d) difference between quasi-Fermi levels
- (e) none of the above

3.10b The ballistic resistance R_B is associated with the channel-contact interfaces because that is

- (a) where all the heating occurs
- (b) where the quasi-Fermi levels show an abrupt drop
- (c) where the difference between quasi-Fermi levels shows abrupt drop
- (d) where the electrostatic potential shows abrupt drop
- (e) none of the above