

Title: Transport theory of nanostructures 2 (beyond Fermi-liquid)
Lecturer: Peter Schmitteckert

1. Reminder and extension:

1.1 A quantum dot as a physical model system

1.2 Fermi-liquid

1.3 Coulomb blockade

2. Kondo Effekt

3. Luttinger liquid

3.1 Zero bias anomaly

3.2 Spin-Charge-Separation