Exercise 2.1-1

Derive and Discuss numbers for μ

Calculate numerical values for the *mobility* **μ** of some typical metals.

- Take typical (metal) values for specific conductivity σ and concentrations of electrons **n** and then *calculate* typical numbers for the mobility **μ** - do not take the values from the table! I you do not understand the German link, use this one.
- Consider typical field strengths for metals by picking suitable current densities, and then derive typical values for the *drift velocity* v_D.

Solution