

Bild - 001

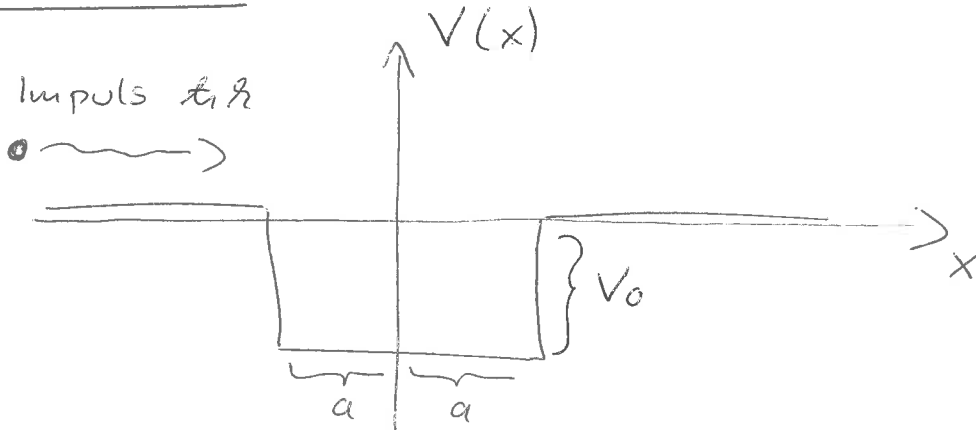


Bild - 002

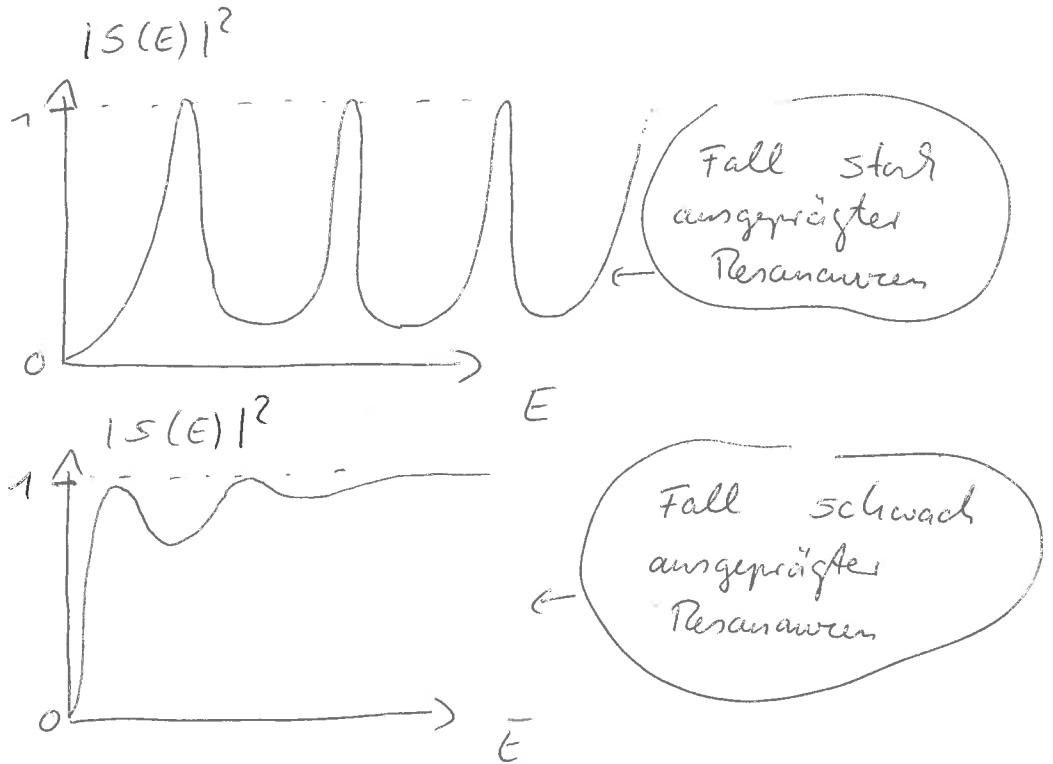


Bild - 003

~~XXXXXXXXXXXX~~

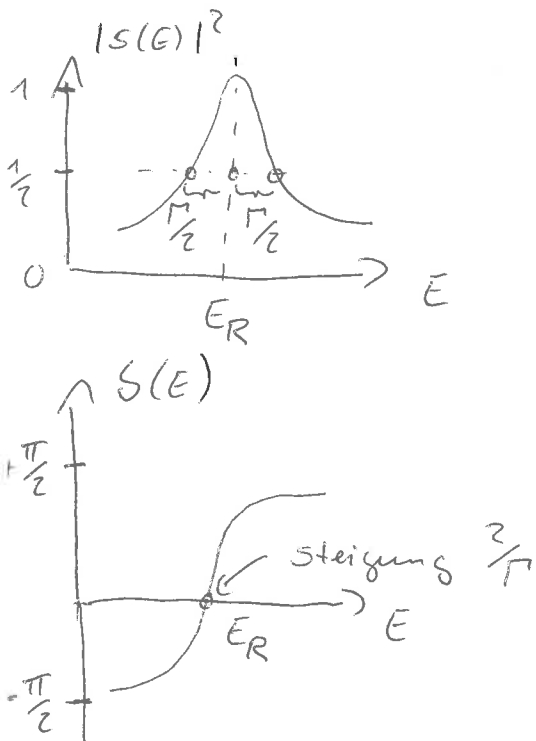
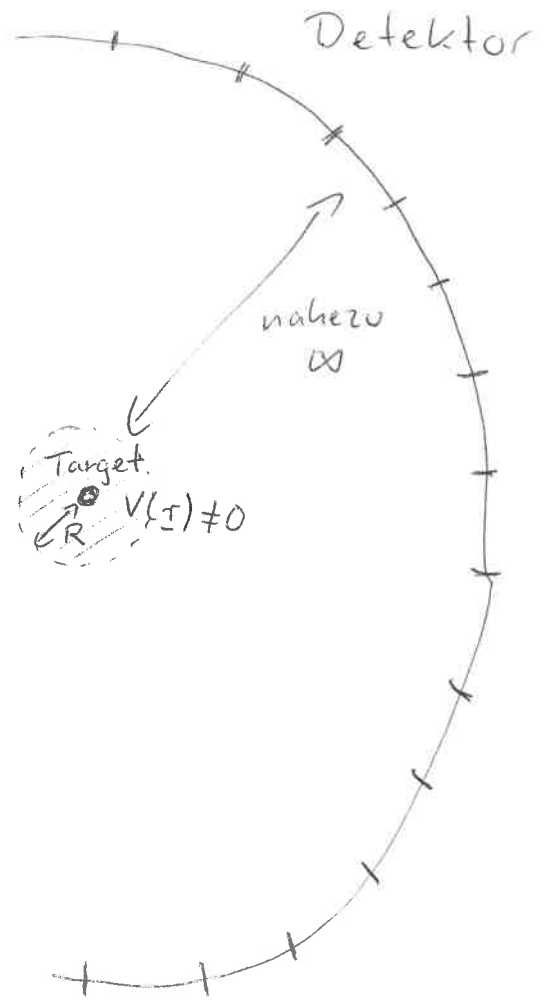


Bild - 004



Wellenfunktion im Ortsraum $\psi(\underline{r}, t_0)$

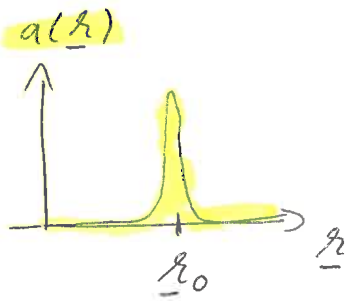
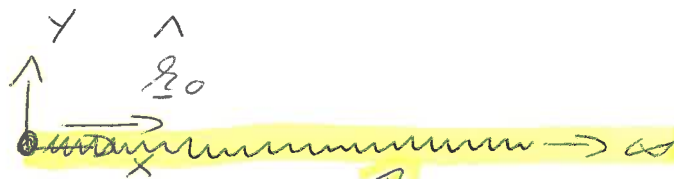


Bild - 005



Wellenfunktion $\psi(\underline{r}, t_0)$

Argument $\hat{k}_0 |\underline{r} - \underline{r}'|$
 ... daher $\psi(\hat{k}_0 |\underline{r} - \underline{r}'|) = 0$

Bild - 006

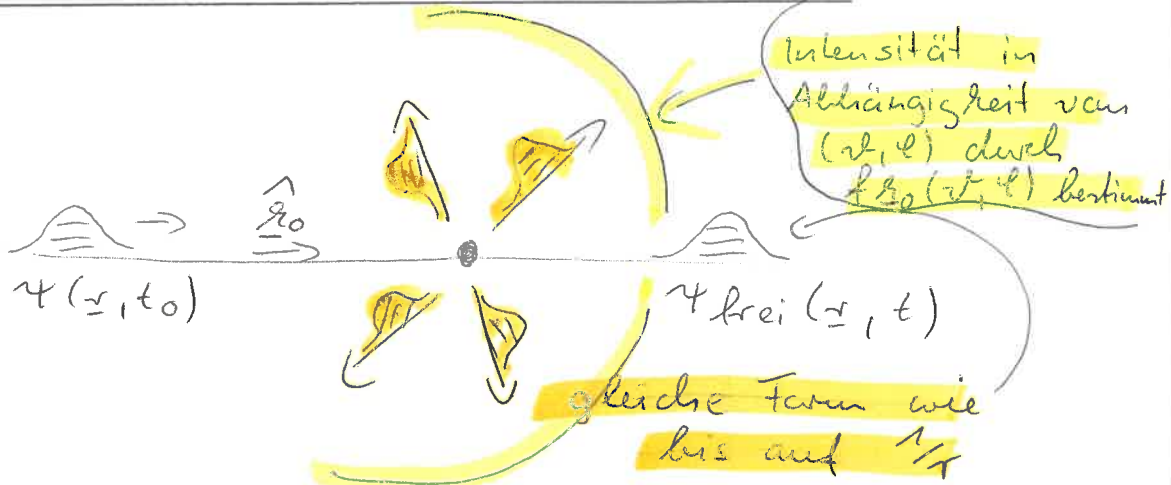
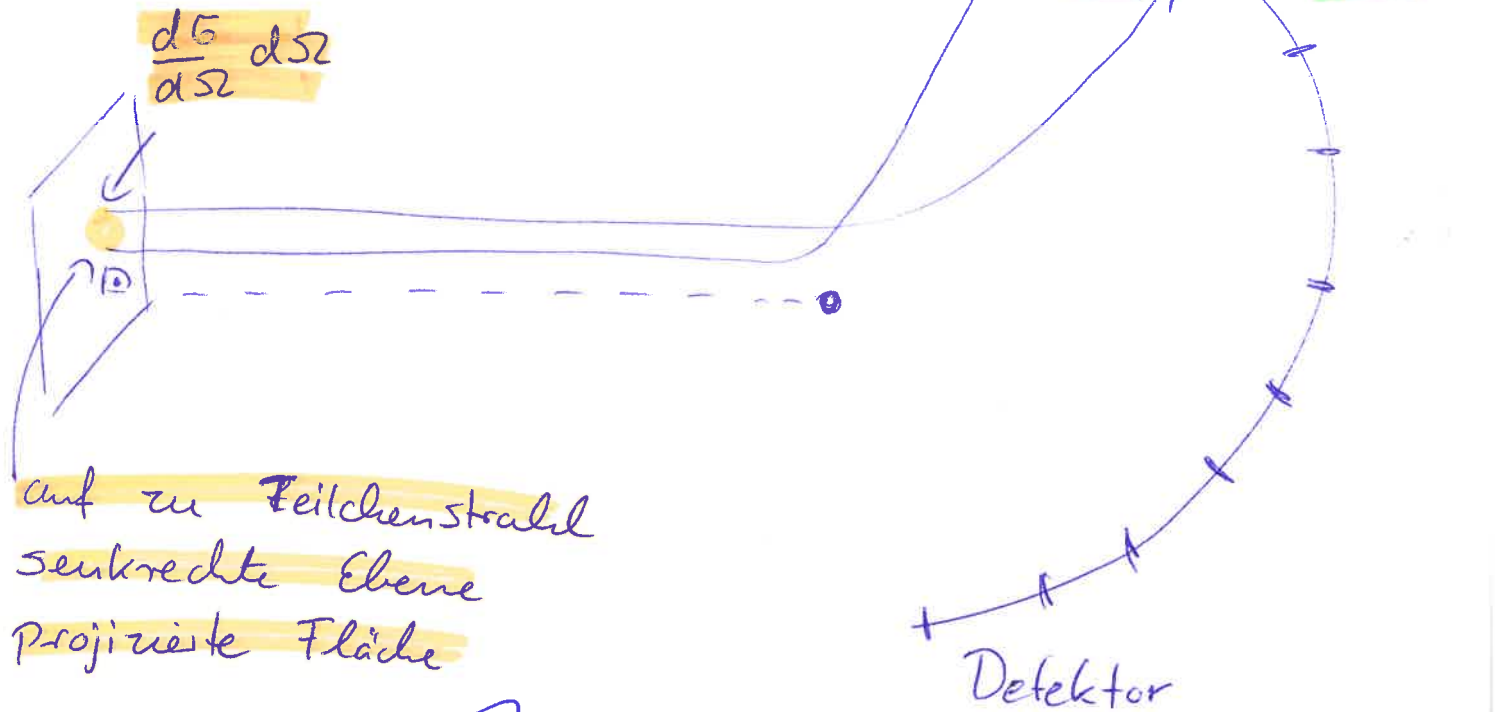


Bild 007



klassisches Bild

(in QM keine Trajektorien, sondern nur Wahrscheinlichkeiten ... fñhrt dennoch anschauliche Vorstellung des Wirkungsquerschnitts)

Bild - 008

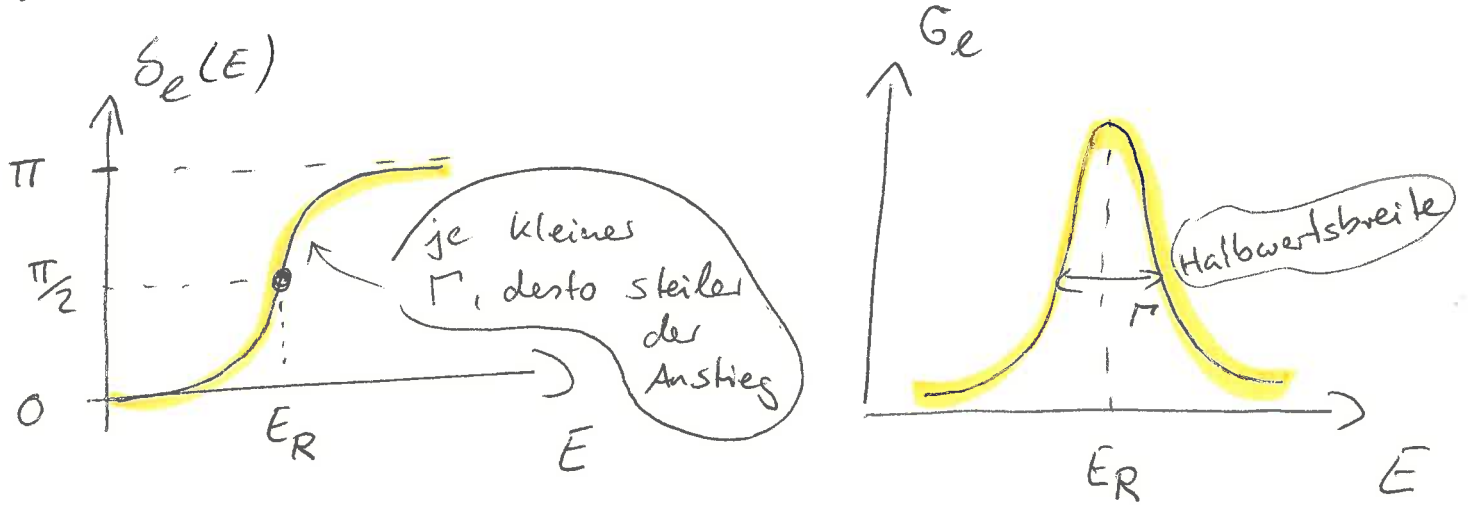


Bild - 009

Siehe Buch von F. Schwabl für maßstabsgerechte Zeichnung.

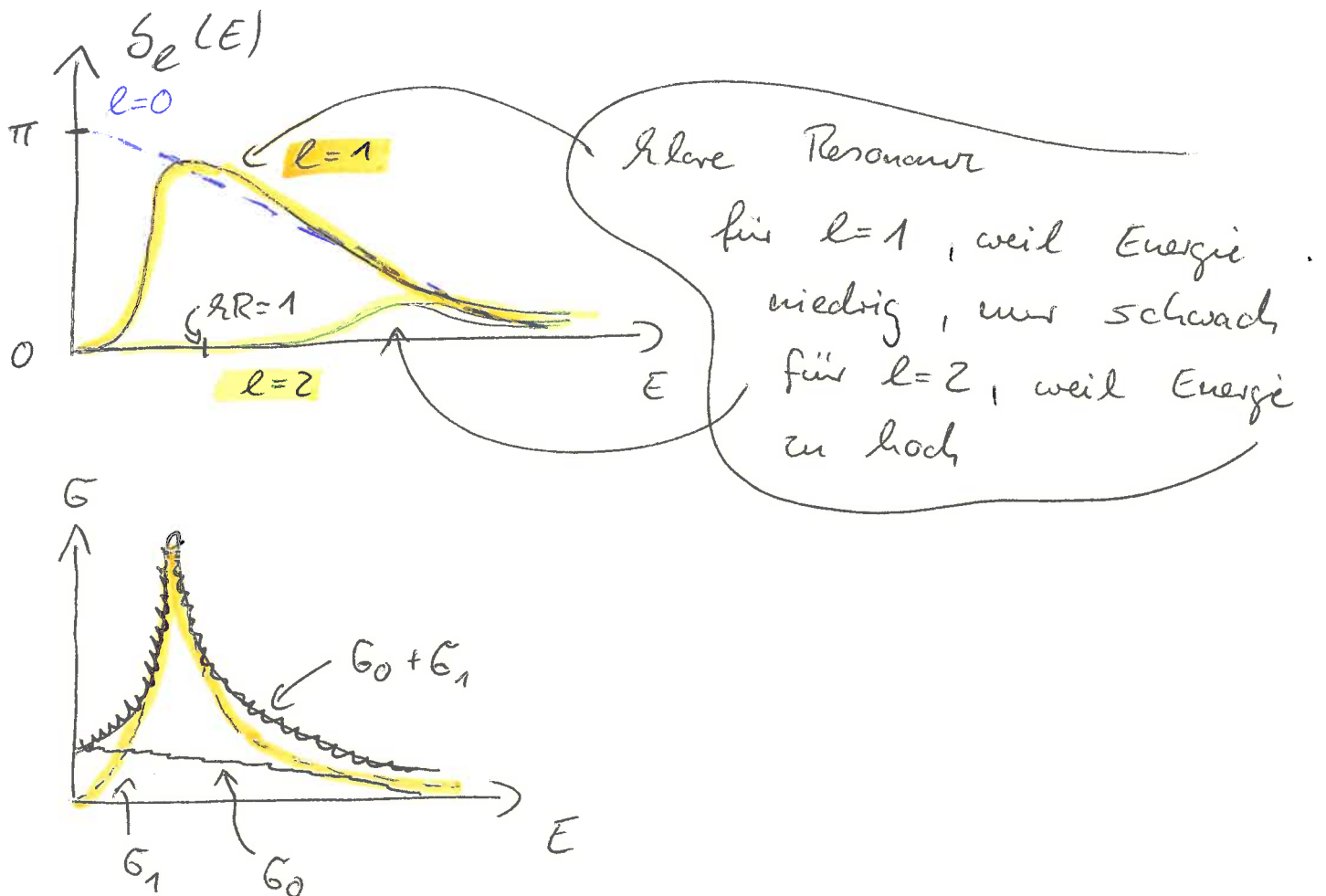
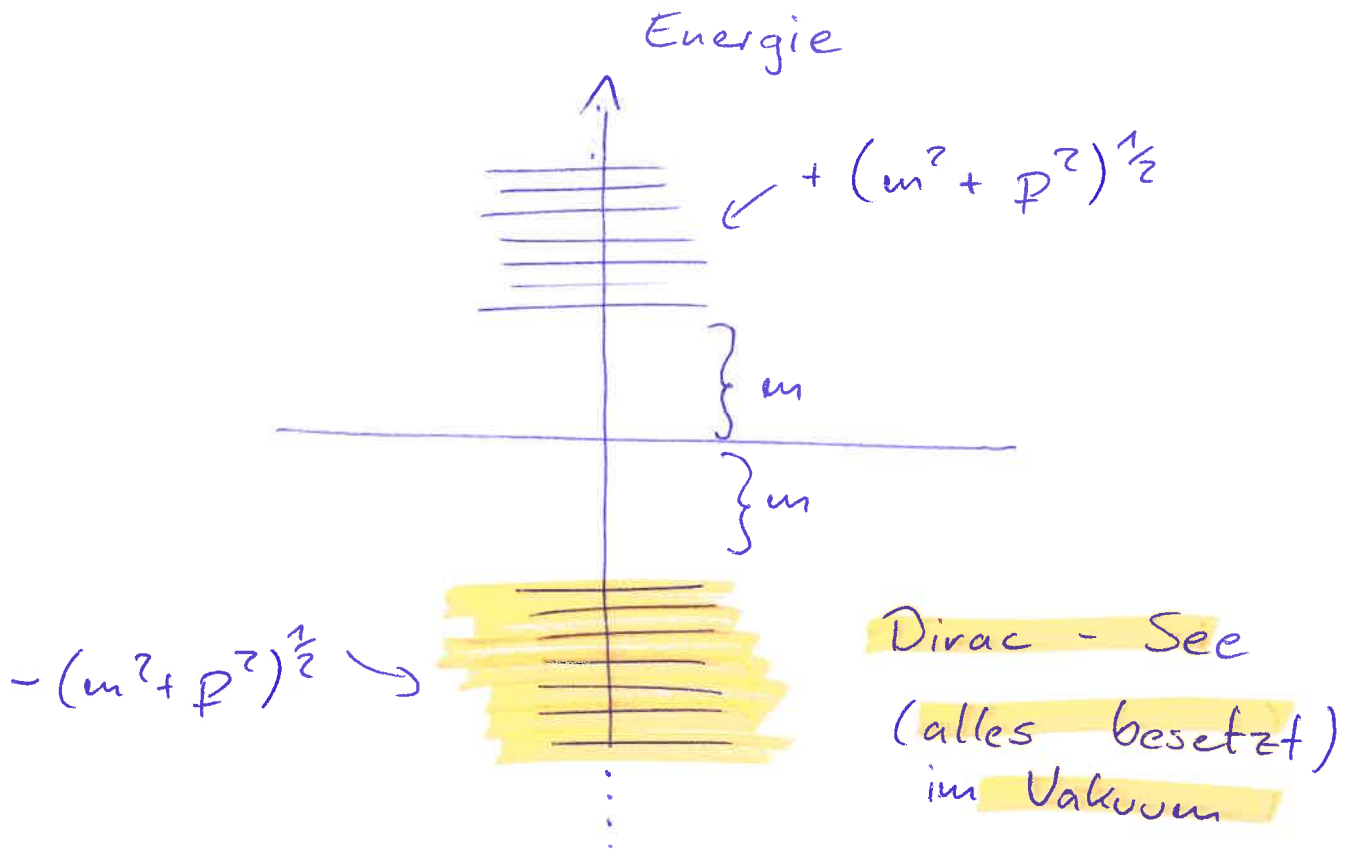
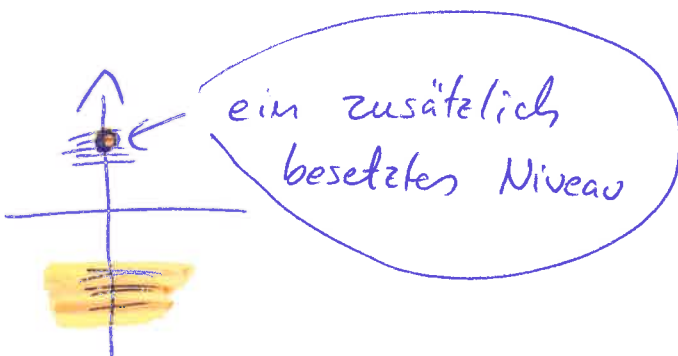


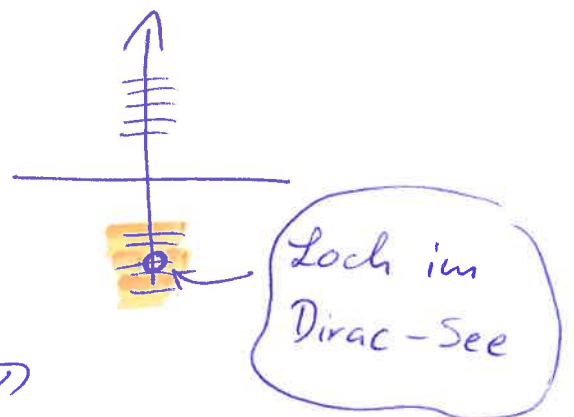
Bild -010



Teilchen



Antiteilchen



In beiden Fällen positive Energie, aber umgekehrte Ladung.