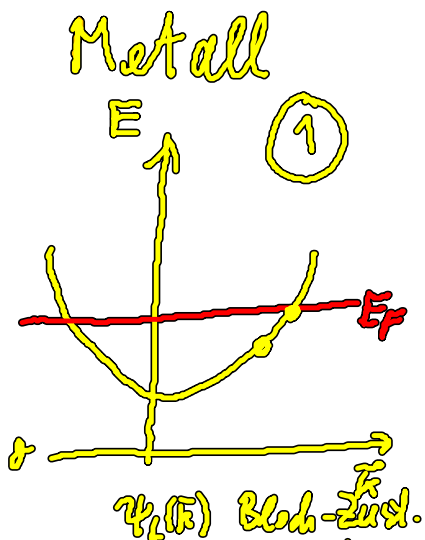
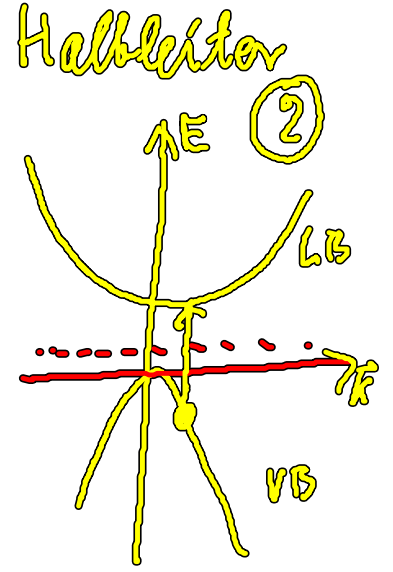


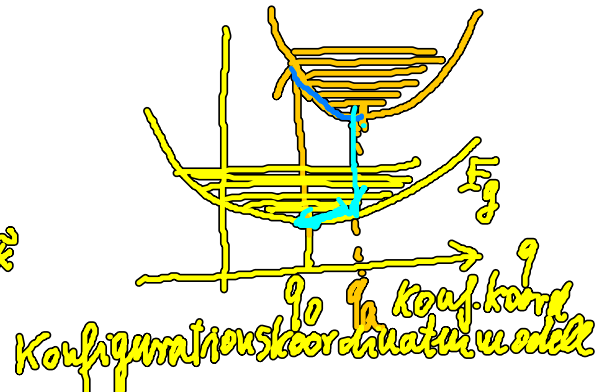
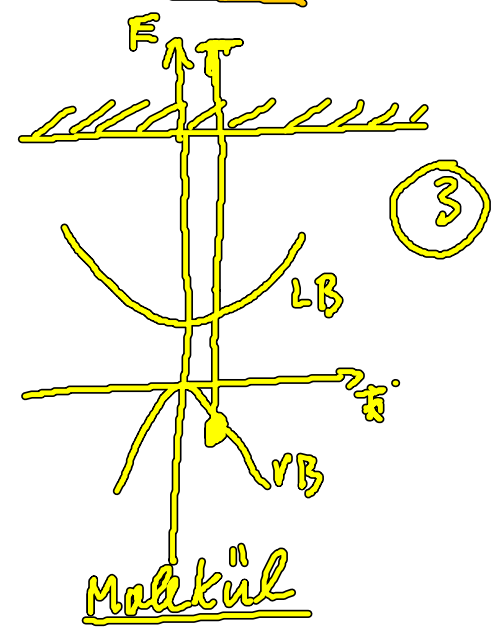
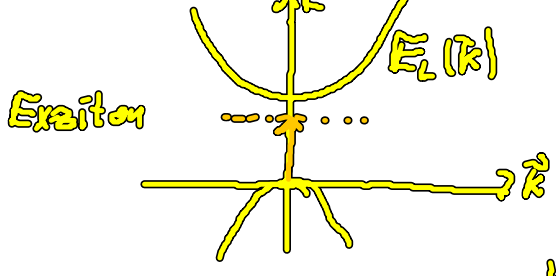
7.2 Elektron-Photon-Wechselwirkung



$\vec{E} : Lk \rightarrow Lk'$
 $\hbar k' - \hbar k = -e\vec{E}t$



$\psi_V(k) \rightarrow \psi_L(k')$
 EC-EL-WW



Einphotonprozesse

- v : Lichtgeschwindigkeit
- v_a : Schallgeschwindigkeit

Reststrahlenfrequenz

