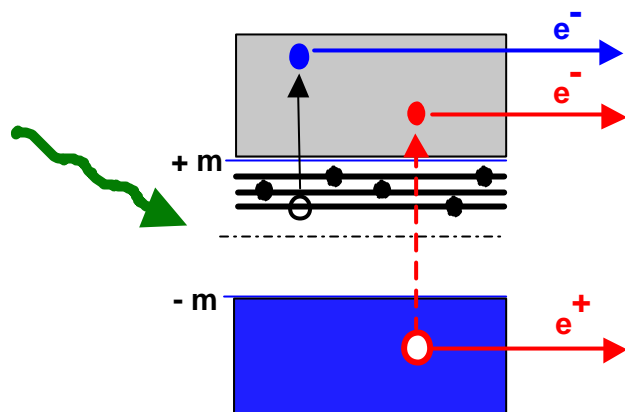
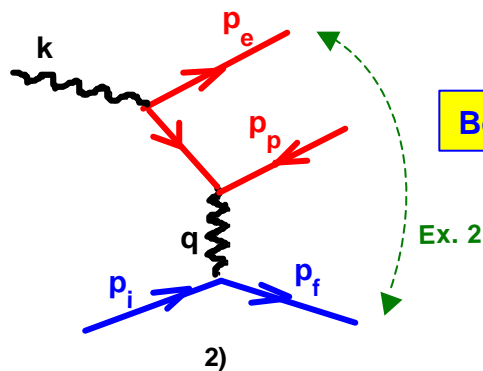
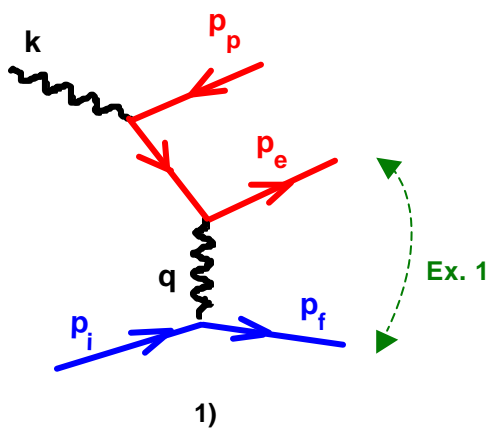


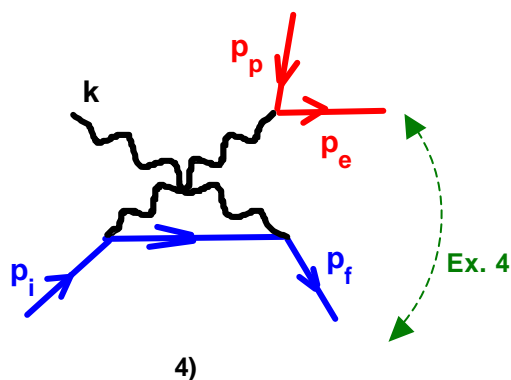
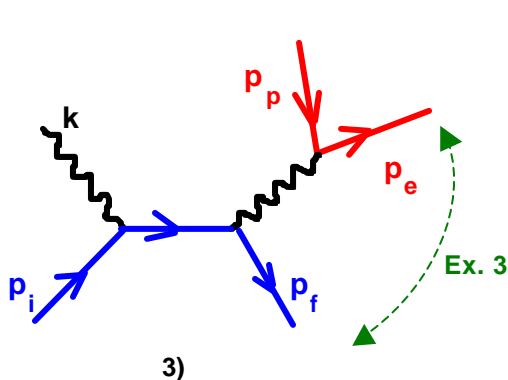
# **QED-process:** Ionization of a bound $e^-$ accompanied by pair creation in the field of that $e^-$



For **free** electrons:



**Borsellino-Diagrams**



**Compton-like**

**8 Feynman diagrams in 3<sup>rd</sup> order QED**

Mork '66, Haug '75, Maximon & Gimm '80 (**free**  $e^-$ )