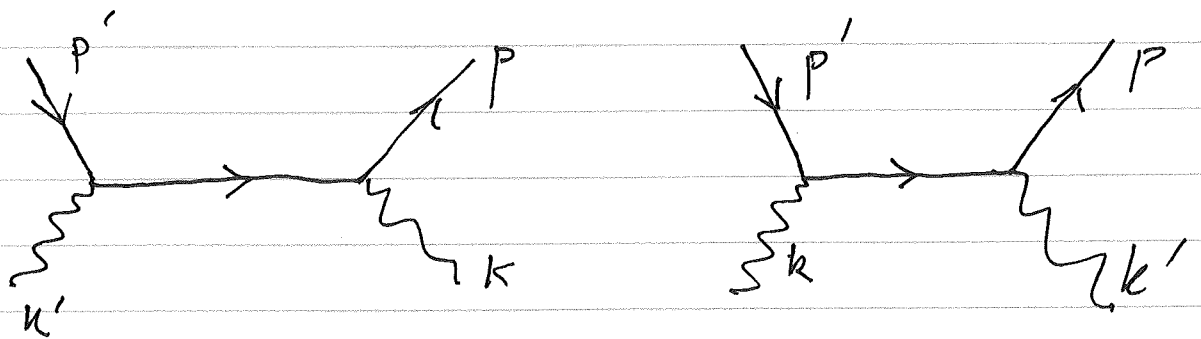


$$\gamma\gamma \rightarrow e^+e^-$$



$$iM = \bar{u}(p,s) (-ie\gamma^a \epsilon_a(k,t)) i \frac{\not{p} - \not{k} + m}{(p-k)^2 - m^2} (-ie\gamma^b \epsilon_b(k',t')) u(p',s')$$

$$+ \bar{u}(p,s) (-ie\gamma^a \epsilon_a(k',t')) i \frac{\not{p} - \not{k}' + m}{(p-k')^2 - m^2} (-ie\gamma^b \epsilon_b(k,t)) u(p',s')$$

$$= -ie^2 \bar{u}(p,s) \left[\frac{\not{p} (\not{p} - \not{k} + m) \not{k}'}{(p-k)^2 - m^2} + \frac{\not{k}' (\not{p} - \not{k}' + m) \not{p}}{(p-k')^2 - m^2} \right] u(p',s')$$

No relative minus sign because the Fermi parts of the two diagrams are the same.