

$$e^+e^-\rightarrow Z^0\rightarrow l\bar{l}, q\bar{q}$$

$$|\vec{a}\bullet\vec{b}|=\Sigma a_{jk}^ib_i^{bj}$$

$$i(\partial_\mu \bar{\psi} \gamma^\mu + m \bar{\psi}) = 0$$

$$\Leftrightarrow (\square+m^2)\psi=0$$

$$j_{em}^{\mu}=eJ_{em}^{\mu}A_{\mu} \text{ , } J_{em}^{\mu}=\bar{l}$$

$$\gamma_\mu I \text{ , } M_i^j = \sum A_\alpha \tau$$