

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

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

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

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

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

$$\gamma_{\mu}I~,~M_i^j=\Sigma A_{\alpha}\tau_i^{\alpha}$$