Standard Model of Elementary Particles

three generations of matter (fermions)

interactions / force carriers (bosons)

≃2.2 MeV/c² mass $\frac{2}{3}$ charge U 1/2 spin up

≃1.28 GeV/c² $\frac{2}{3}$ 1/2 charm

≃173.1 GeV/c² $\frac{2}{3}$ 1/2 top

Ш

0 0 gluon ≃124.97 GeV/c² 0 higgs

QUARKS



























