Force	Range	Coupling constant	Acts Mediator on	Theory
Gravity sad asd asd asd ddd	∞	$\alpha_g \approx 10^{-39}$	All Graviton ¹ particles	Geometro- dyanics
Weak nuclear	$< 10^{-18} \text{ m}$	$\alpha_w \approx 10^{-6}$	$ ext{Lepton} X^{\pm}, Z \ ext{hadrons}$	Flavor- dyanics
Electromagnetism	∞	$\alpha \approx \frac{1}{137}$	All Photon charged particles	Electro- dynamics
Strong nuclear	$\approx 10^{-15}$ m	$\alpha_g \approx 1$	Hadron G luon	Chromo- dynamics

¹only hypothesized, not discovered

Table 1: Properties of the four fundamental forces [?] $\,$