

Summer School on Particle Physics

Three Generations
of Matter (Fermions)

	I		II		III	
mass	2.4 MeV	4.8 MeV	124 MeV	1.27 GeV	171.2 GeV	0
charge	$+\frac{2}{3}$	$-\frac{1}{3}$	$+\frac{2}{3}$	$-\frac{1}{3}$	$+\frac{2}{3}$	$-\frac{1}{3}$
spin	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
name	u up	d down	c charm	s strange	t top	b bottom
						γ photon
Quarks						g gluon
	ν_e electron neutrino	ν_μ muon neutrino	ν_τ tau neutrino	ν_e electron neutrino	ν_μ muon neutrino	ν_τ tau neutrino
Leptons	e electron	μ muon	τ tau			Z^0 weak boson
						W^\pm weak boson
						Resons (Force)

Contribution ID: 10

Type: not specified

Quantum Mechanics Exercises

Tuesday, 9 July 2019 16:00 (1 hour)

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