

Summer School on Particle Physics

Three Generations of Matter (Fermions)					
	I		II		III
matter charges spin name	2.4 meV u up	3.27 MeV c charm	171.2 GeV t top	0 1 photon	
Quarks	4.8 MeV d down	1.3 GeV s strange	4.2 GeV b bottom	0 g gluons	
	0.2 eV ν_e electron neutrino	165.17 MeV ν_μ muon neutrino	16.5 MeV ν_τ tau neutrino	0 Z weak force boson	
Leptons	0.511 MeV e electron	105.7 MeV μ muon	1.777 GeV τ tau	96 GeV W weak force boson	Reasons (Forces)

Contribution ID: 1

Type: not specified

Quantum mechanics I

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