

Source: [KBhPHYS201QuantumWorldBookNotesIndex](#)

1 | Meet the Leptons

- There are three families of subatomic particles
 - Flavor 1: the electron and it's nuetrino
 - Flavor 2: the Muon and it's nuetrino
 - Flavor 3: the the tau lepton and it's nuetrino
- Leptons carry one-half unit of spin and are either neutral or have 1 negative charge
- For every lepton there's an anti-lepton with an opposite unit of charge and the same mass
- Leptons have no known size and in all theories describing them are point particles

1.1 | Electrons

- Electrons are Leptons
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