



Drawing: Ways to Estimate Masses of Tauon (τ) and Strange D Meson (D_s^+)

Our dwg's Estimate for the Mass of the Tauon (τ) is 3475.42 electrons (vs. empirical value 3477.19), and for the Strange D Meson (D_s^+) our dwg's Est. is 3852.33 electrons (vs. empirical value 3852.19).

Averaging those empirical masses of (τ) and (D_s^+) together, in previous sentence, gives 3664.69 electrons, a mass est. somewhat near the empirical Charged D Meson (D^\pm) mass, 3658.71 electrons. But too high, yet still likely affecting the mass outcome of (D^\pm) and increasing its half-life. ((A closer method to est. (D^\pm) mass is shown on Pg.18, but that est. is a little low.))

To make dwg. estimates, we started with the Proton and built, inwardly, small cores (instead of the usual 'starting with a one electron core and building outward'). We used our 1st proton around 3 spheres around a core to make the 1st core; and we used a 2nd proton around 4 spheres around another core to make 2nd core. We averaged cores together to make an 'Ave. core' vol. And around that Ave. core, we built the two different sphere patterns, as shown in near bottom of sketch, to make our mass estimates for (τ) and (D_s^+).