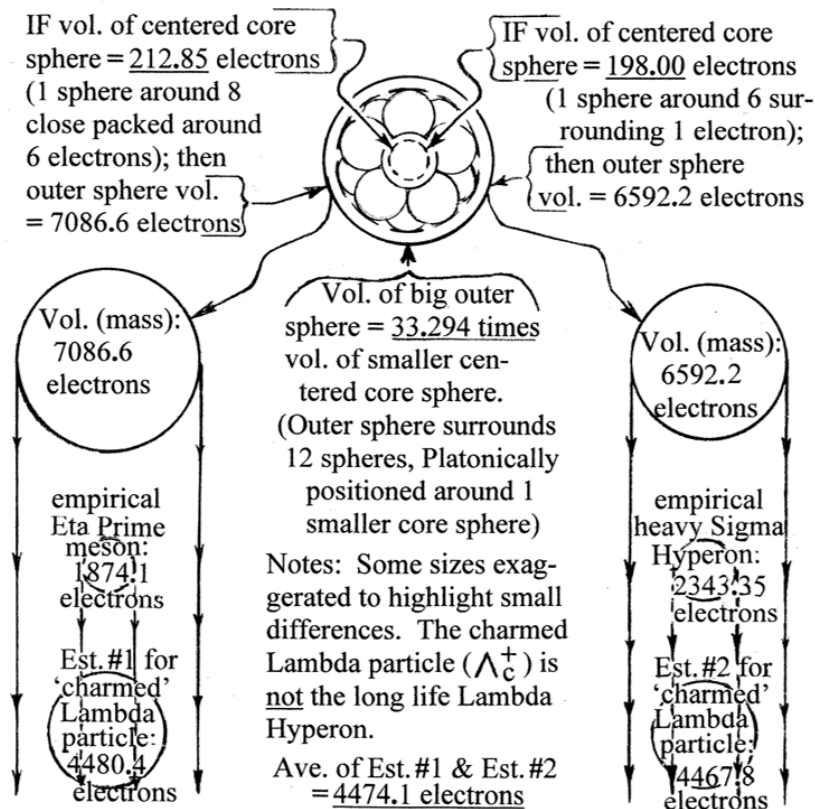


Near the upper-center of the dwg., one large sphere surrounds a pattern of 12 platonically positioned spheres, and those 12 surround a medium-size core sphere, shown dashed, because it is hidden. If that core sphere has a Vol. of 212.85 electrons (as described at its left and on pg. 8), a 7086.6 electron vol. outer sphere results, as shown. That 7086.6 vol. is very near the empirical mass of the Xi double- charm baryon, Ξ_{cc}^{++} , 7086.1 electrons. (For another way to make and est. it, and for more details, see pg. 20A.)

If, instead of a 212.85 electron core, the core sphere vol. is only 198.00 electrons (as described at its right and on pg. 7); then a smaller outer sphere would result, 6592.2 electrons, as shown.



Est.#1 at lower left is the ave. Vol. of the 2 spheres above it, and Est.#2 at the lower right is the ave. of the 2 spheres directly of above it. So, the ave. of Estimates 1 & 2 = 4474.1 electrons, our est. for the Charm-Lambda Baryon (Hyperon), Λ_c^+ .

But another baryon, the Bottom-Lambda, Λ_b^0 , can be estimated by averaging the empirical mass of the Charm B meson, (B_c^+), 12,281,8 electrons and the Vol. of 1 big sphere surrounding 3 ave. Kaons, (see pg. 19), giving 9703.6 electrons. That Ave.= 10,992.7 electrons, our est. for the Bottom-Lambda, Λ_b^0 .

Fig. 5X, our above est. for the masses of the Charm-Lambda Baryon (Hyperon), Λ_c^+ , 4474.1 electrons; the Bottom-Lambda, Λ_b^0 , 10,992.7 electrons; and (near top of page) the Xi double charm baryon, Ξ_{cc}^{++} , 7086.6 electrons. Those estimates vs. empirical masses: $\Lambda_c^+ = 4474.5$, $\Lambda_b^0 = 10,998.4$ roughly, and $\Xi_{cc}^{++} = 7086.1$ electrons, respectively.