



Note: Interchanging the '20-spheres' (Dodecahedron) position and the '12-spheres' (Icosahedron) position would **not** change the Vol. of the outer sphere.

Fig. 12; the above Platonically constructed sphere pattern gives a Volume Ratio, (Outer Sphere to dark core sphere), equal to **133.65/ 1**.

That is remarkably near the recent empirical-based estimates for the Mass Ratio of the Higgs Boson to Proton of about **133.20/1** to **133.50/1**, as determined in 2017 by independent groups of super-collider experts.

Opt. Note: When this booklet estimates particles having high mass, estimates are more speculative than otherwise; and more than one pattern estimate often exists. But in a sense, it may be said: "The final target of Euclid's 8 books, and the pattern that Plato thought *God* used to make the heavens -- also helped us here to match the so-called *God* particle mass, the Higgs mass, a major target of the current mainstream's 'Standard Model of Physics'!