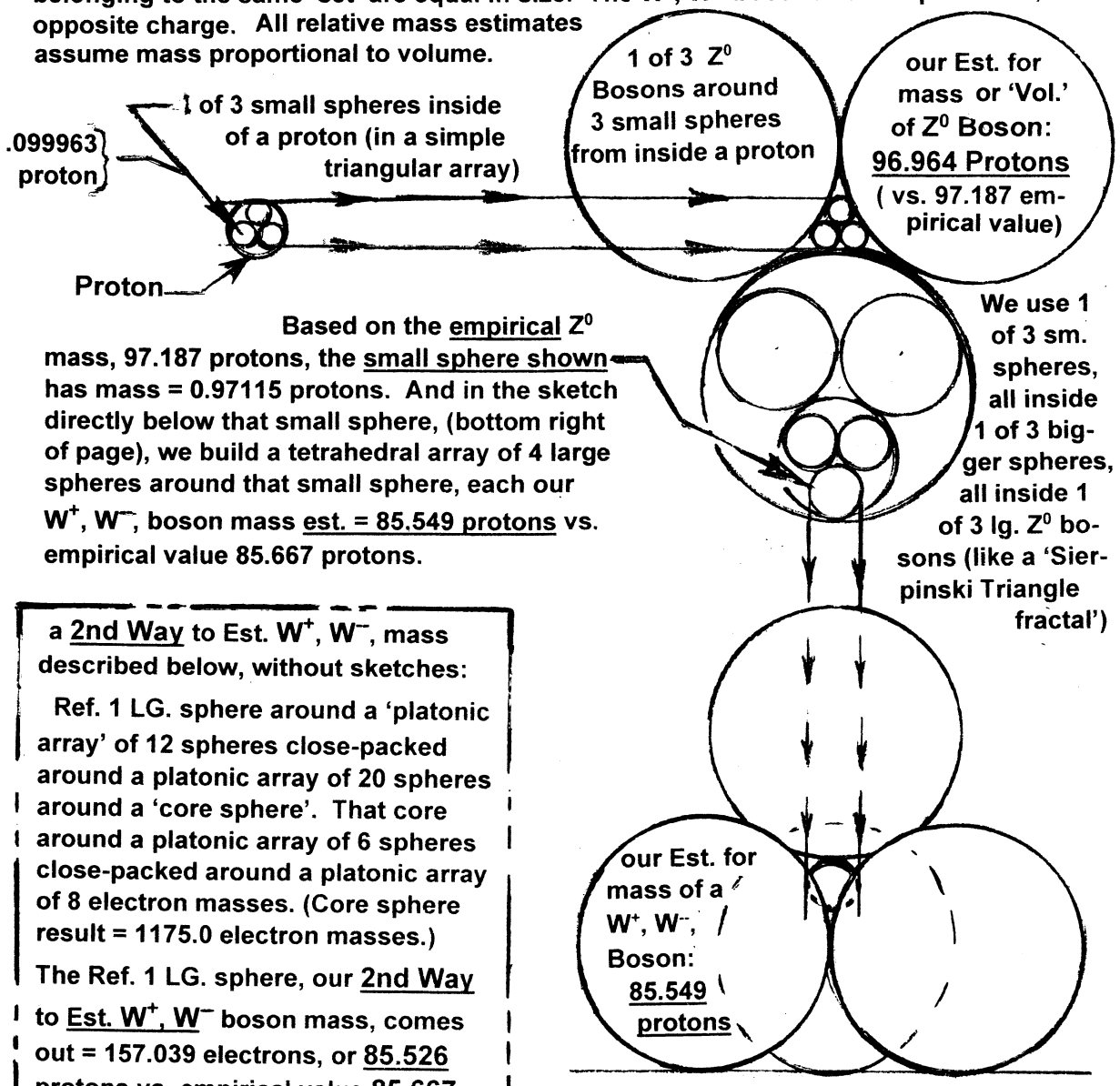
Note: All spheres shown below touch their adjacent neighbors, and all spheres belonging to the same 'set' are equal in size. The W^+, W^- bosons have equal mass, but opposite charge. All relative mass estimates assume mass proportional to volume.



a 2nd Way to Est. W^+, W^-, mass described below, without sketches:

Ref. 1 LG. sphere around a 'platonic array' of 12 spheres close-packed around a platonic array of 20 spheres around a 'core sphere'. That core around a platonic array of 6 spheres close-packed around a platonic array of 8 electron masses. (Core sphere result = 1175.0 electron masses.)

The Ref. 1 LG. sphere, our 2nd Way to Est. W^+, W^- boson mass, comes out = 157.039 electrons, or 85.526 protons vs. empirical value 85.667

2nd Way to Est. W^+, W^-, Boson Masses as Described above

1st Way, (main way), to Est. W^+, W^-, boson masses giving 85.549 protons vs. an empirical value 85.667 protons

Dwg; Ways to Construct and Est. Masses of Z^0 & W^+, W^-, Bosons

Using upper sketches and a proton's substructure, we Est. the Z^0 boson mass = 96.964 protons, vs. 97.187 empirical value. At lower right sketch and just above it, we use an empirical Z^0 boson's substructure to Est. mass of W^+, W^-, bosons = 85.549 protons, vs. empirical 85.667 value. At lower left, we described, without sketches, a 2nd Way to Est. W^+, W^-, boson masses, giving 85.526 protons. That 2nd Way uses all platonic 'Duals' – except the '4 around 4',- that dual being itself. A 3rd Way, less accurate, too high; but likely with a slight effect – is to surround a proton, platonically, with 4 spheres giving for each, an Est. of 88.091 protons.