



NOTES: (Me) DENOTES THE MASS OF 1 ELECTRON.
 (Me)=0.511 MILLION ELEC. VOLTS (MeV) OF ENERGY.

The above Drawing shows how the “Averaging of two already known Particle masses” – tends to predict a good mass candidate for ‘Nature’ to match -- by creating a new particle with a mass nearly equal to that ‘average’. Especially if averaging each of **2 pairs** of already known particles gives nearly the same mass (for a candidate), not just **1** pair ‘making the nomination’.

The newly discovered particle, the ‘**Xi Double Charm Baryon**’, (Ξ_{cc}^{++}), with the mass of **7,086.1** electrons, is virtually matched, as shown above, by using such ‘averaging method’ – i.e., to propose a good, and thus probable, mass value for a new particle to have.