

Finishing Touches Applied to MHCE8S Universe Theory

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Abstract: 3 new finishing touches to Majoranic Holographic Cyclic E8 Symmetric universe theory are described which essentially complete the theory.

Following a previous finding¹ that the best present value for the mass of the muon lepton (105.658366 MeV) also indicates closely the date of the extinction of the dinosaurs (66 million years ago), I have more recently made another finding : if one calculates the dimensionless constant $105.66/105.65836 = 1.0000155$, one gets the very familiar 3-digit number Nature uses for the mass of the tau neutrino (15.5 MeV) and the age difference between successive cyclic universes (1.55 billion years). This connection convinces me that Nature herself was responsible for the demise of the dinosaurs, and has control of gigantic meteoric collisions with earth.

The 2nd finishing touch which I have sensed concerns the number of cyclic universes that have occurred: although this number seems to be 4, the present method of calculation is in slight error (see reference¹ before). We can eliminate this by following this procedure: Starting from the age of 44.74 billion years, we first find the exotic constant and square root as before, then multiply by 13.5 as before to find the same 13.79869 (billion years). Now the age of the universe (13.799 billion years) divided by 13.79869 gives the dimensionless constant 1.0000224 and 224 of this divided by 55 of the mysterious 1.0000055 I found earlier in connection with the neutron gives 4.0727272. As I did earlier with the neutron, I next ignored all 27's (and later all 72's also), to get in this case 4.0. Viola! - the number 4 exactly!

For the 3rd finishing touch I apply the same techniques to the electron. Starting with the mysterious dimensionless constant 1.0000224 in this case, $1/2 \times 1.0000224 = 1.0000224/2 = 0.5000112$. Splitting this dimensionless constant into two 4-digit halves and adding we get $0.500 + 0.0112 = 0.5112$. We next take 3-digits of this (determined by which of 4 cyclic universes this electron is introduced into), and this electron replaces correctly the earlier $1/2$ MeV variety. We note that starting with the 1.0000055 dimensionless constant, $1.0000055/2 = 0.5000027$ and splitting this and adding gives $0.500 + 0.00027$ (an unequal split to begin with) and this is not capable of satisfying the requirements for the 0.511 MeV electron. We also note the muon neutrino/electron neutrino mass ratio = $0.17/0.0000022 = 77272.727$: ignore 27's = $77 = 50 + 27$: ignore 27 again, 50 remains = 100 primitive electrons.

I will finally list the particle digit characteristics for the 4 cyclic universes for reference:

Continuation of 13.5 billion-year cyclic universe, 5-digit particles (H , W) - 6-digit particles (Z , tau lepton)

13.5 billion-year cyclic universe, 4-digit particles (t , b , c , Z tetraquark)

11.95 billion-year cyclic universe, 3-digit particles (0.511 MeV electron, tau neutrino)

10.4 billion-year cyclic universe, 2- digit particles (electron neutrino, mu neutrino)

8.85 billion-year cyclic universe, 1-digit particles (0.5 MeV electron)

1. George R. Briggs, "Peculiar signaling properties of the tau and mu leptons and W and Z bosons and more", Vivra 1809.0598, (2018).