

The Tau Lepton Mass (1776.84 MeV) Signals the Completion of Signing of the Declaration of Independence!

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Abstract: It is observed that the mass of the tau lepton matches closely the date of the last signing of the Declaration of Independence

In trying to find a use (which I have not) for the tau lepton in more than a signalling role in HCE8S universe theory, I noticed that its mass ($1776.84 mc^2$) very closely approximates the date¹ of the final signing of the Declaration of Independence by Matthew Thornton of New Hampshire on November 7, 1776. This day was the 308/365 day of that year, and this ratio is 0.8438.

I am getting rather excited by these close matches occurring in HCE8S theory. The match between the inverse fine-structure constant α and the universe radius/ c is probably the most important. The match between the mass of the Z(4430) tetraquark/15.5 and the 273.55488 dimensionless constant x ($13.799/13.5$)² is another, as is the closeness of $15.5/0.17 =$ neutrino mass ratio $= 91.1784$ to the measured mass of the Z boson (91.1876), etc, etc.

Most physicists would be happy to make just one of these findings; unfortunately the requirement for them that anthropic findings be rejected is terribly hampering and makes it impossible for them to progress forward as I seem to be able to have done.

1. "United states declaration of independence", Wikipedia, (2018)