Cyclic Universe E8 Symmetry Theory Predicts Early Supermassive Black Holes Were Filled Entirely With Dark Matter Higgs Particles Having Negative Mc^2

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Abstract: The recent success of cyclic universe E8 symmetry theory in predicting the ordinary and total positive mc^2 matter density of the universe is now followed by the prediction that early supermassive black holes were filled entirely with dark matter H particles.

My recent two publications[1,2] have been remarkably successful in predicting the total positive mc^2 matter density of the universe (6.36007743 Kg/M^3) as verified by the observed values of the Cosmological and Hubble constants. Along with this important result has come the finding[3] that early supermassive black holes were filled entirely with dark matter Higgs particles of spin 0 and negative mc^2 supplied during the epoch before the big bang.

This aspect of cyclic universe E8 symmetry theory is just now being debated[4]. My theory already has the answer! Too bad so few people believe it! It requires a high degree of faith in anthropicity; This faith horrifies most physicists.

I have extra paper to print so I'll include something about myself: I am 93 years old and received the PhD in particle physics in 1954 from the university of Illinois. My father was Thomas R. Briggs, Professor of physical chemistry at Cornell University. My mother came from Marblehead, Mass. She was a great admirer of madam Curie and scientists in general (she didn't think they were fakes, like today!). My father instilled in me a great appreciation of the phase rule in chemistry (led by

J.W. Gibbs in that day). My father used to stress how lucky we were that ice floats!

I began to seriously try to publish in physics after I had a bleeding right right-hand stroke in 2002 (causing left-hemisphere brain damage). This accident has caused me to become amazingly insightful. This same action has been noticed in others and published about[5].

1. George R. Briggs, "The latest value of the Hubble constant indicates a universe matter density higher than one Hydrogen atom per cubic meter", ViXra 1704.0404, (2017)

2. George R. Briggs, "The significance of the holographic and non-holographic versions of the cosmological constant", ViXra 1705,0477, (2017)

3. George R. Briggs, "The critical fermion density of the universe found from cyclic universe E8 symmetry theory", ViXra 1703.0310, (2017)

4. Juan Garcia Bellido and Sebastien Clesse, " Black holes from the beginning of time", Scientific American, pp. 38-43, July, (2017)

5. Jill Bolte Taylor, "My stroke of insight", Plume Publishers, (2009), See also Darold A. Treffert, "accidental genius", Scientific American, August, (2014)