

## The Modern "Magic Numbers" Differs Importantly From the Original Numbers of Prof. Wigner's in Only One Number

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Abstract: In MHCE8S modern universe theory the "magic numbers" of Eugene Wigner differ in only two numbers and in only one of these importantly.

In reviewing my #120th note<sup>1</sup> I realized my modern version (MHCE8S theory) of the universe had two less than the same "magic numbers" that Prof. Wigner had used.

In further study (nuclide stability chart - Wikipedia) I found his 126 and my 125 (Higgs) to be insignificant in effect but his 28 and my 27 (for my  $10^{27}$  galaxies) to be significant. The 28 signals nickel whereas 27 signals cobalt. . In very old iron-nickel meteorites cobalt is less than 1% whereas nickel is 7% or so. This clearly signals to me that 28 is the intended magic number, not my 27. This also means that 82 is intended. Now<sup>2</sup> the 4-digit quantum of the universe/Planck's constant =  $33.91/41.35 \times 10^{-22} = 0.8200 \times 10^{+22}$  . Also 33.91 GeV is used versus 33.81 GeV because Higgs 125.1 GeV recent versus Higgs 125.0 GeV now prevails.

1. George R. Briggs, "The contributions of E. P. Wigner to "magic number physics"; group theory (symmetry) and more are gratefully acknowledged ", ViXra 2005.0056, (2020)

2. George R. Briggs, "Consequence of rapid top quark decay to massless gauge boson", ViXra 2004.0707, (2020)