## 50 Most Important Papers in MHCE8S Theory

## George R. Briggs

Abstract: 50 of my short publications as of september 4, 2019 were found to be of 4 levels of importance: (I note that 50 is a magic number of physics).

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ViXra Pub.
              Importance
             level: (1-4)
#
-105 1907. 0623 1 up qks 4.8 and elec. neut. 2.2 x 10<sup>-6</sup> arose 2nd univ.
104 1907.0620 1 the MHCE8S model of physics
100 1906.0576 2 4 dimensionless const. are of importance
99
     1906.0284 2 strong force in MHCE8S determines final ho value
98
     1906.0136 2 4 nos. with digits 1 and 5 are of importance
-97
    1905.0606 1 nos. 4 and 8 are very important in my universe theory
96
    1905.0424 1 heavy neutrino gives accurate critical ferm. mass
95
    1905.0227 1 heavy neutrino overlooked giving falsely low ho value
94
    1904.0587 1 the factor 1.0000055 is needed for hadronization
92
    1904.0170 1 bekenstein 3rd cyclic univ. produc. energy for 4th univ.
-89
    1903.0301 1 the most accurate neutron mass calculation
88
    1903.0143 1 const. 273.55488 gives two new quarks for neutrons
87
    1902.0498 1 mass neutron reviewed: role of 2 new quarks.
86
    1902.0253 1 flow diagram peculiar Z phenon, and one new quark
85
    1901.0466 1 holo and MHCE8S: import. crit. den., galaxy count
-83 1812.0487 1 critical ferm. den. univ. revisited: role holography
    1812.0264 1 superfast cosmophoton enables us to contact center of
82
our galaxy in 0.6 x 10<sup>-4</sup> sec
    1810.0507 1 significance broken and unbroken E8 sym. time gaps
78
77
    1810.0224 1 finishing touches applied to MHCE8S universe theory
73
    1808.0168 1 calc. mass of neutron in better way with HCE8S theory
-62 1803.0709 1 signif. charm qk/strange qk ratio for HCE8S univ.
61
    1803.0210 1 revised and impro. flow diag. for an HCE8S univ.
57
    1712.0455 1 role charm and strange qks in holo. cyclic E8 univ.
56
   1711.0455 1 dark neutrinos exist: arise from dark tau-antitau entity
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1710.0341 1 Feynman's magic # alpha explained by holo. cyclic univ.

- -52 1708.0484 1 thanks bekenstein hologr. collapse cyclic universe avoid
- 47 1704.0404 1 Hubble value shows matter density > 1 Hyd. atom/M<sup>3</sup>
- 41 1612.0366 1 m-sigma resolved: negative supermassive black holes came followed by positive mass
- 40 1611.0301 4 susy particles are not allowed with our E8 broken sym.
- 39 1611.0081 1 H-Z mass difference is 8.3% in 14 billion years
- -37 1607.0064 1 mono -x particles appear as galaxy bars
- 35 1605.0286 2 doubling Z while elim. H: perceived dark part. annih.
- 34 1605.0223 2 dark energy/fermion ratio matches E8,cyclic univ. to 1/2 1/2%
- 32 1604.0010 1 dark energy/fermion ratio matches E8,cyc univ. to 2 %
- 31 1603.0179 1 68/26% dark/ferm. ratio matched to 6% by annih. of Htt+Ztt+Ht+Zt
- -28 1512.0444 3 dark en. is expan. of space: formed by ann. -en. H,Z but no -en.
- 25 1511.0106 3 supersym. req. neg. en. but not possible in our broken sym. epoch
- 23 1508.0060 1 spin 0 supersym. has been found: the ttZ type remains to be found
- 21 1507.0203 1 correction of error results in 248 particle E8 sym. universe
- 19 1506.0098 2 two supersym. new particles for E8 x U(1) cyc. univ.
- -17 1505.0152 2 ttH entity fomed before big bang is observable
- 15 1505.0039 3 E8 sym. theory: step-by-step history
- 14 1504.0096 2 failure of quantum mechanics for large scale univ.
- 13 1504.0035 1 tetraquark and proton are 248 plus 2 in our broken E8 univ.sym. univ.
- 12 1502.0209 1 four particles caused E8 sym. breaking at big bang
- -11 1501.0177 1 negative energy only real with unbroken E8 sym.
- 9 1411.0007 1 no inflationary big bang but sym. breaking eventinste
- 5 1406.0099 1 dark energy, dark matter neg. bosons formed unbroken E8
- 4 1405.0210 1 grav is E8xU(1) broken sym. whichbegan withbig bang
- 3 1402.0005 1 unbroken E8 is requirement for negative energy.

Note that 12 papers have importance level 2-4: thus 12-50 points to Higgs