Supersymmetry Requires –mc^2 Energy for Bosonic Superpartners. Negative Intrinsic Energy is not Possible in Our Present Broken E8 Symmetry Epoch

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Abstract: Unbroken E8 symmetry is required for -mc^2 matter and supersymmetry to exist and a flat, cyclic universe to form. Our present epoch is unfortunately of broken E8 symmetry type in which negative intrinsic energy is not possible.

Supersymmetry has not been found at the LHC despite a large effort[1]. Re-reading a good book[2] on the subject reveals why. Supersymmetry requires that both positive and negative mc^2 intrinsic energy be available for the particles, positive for the fermions, negative for the bosons. Unfortunately the negative type requires unbroken E8 symmetry for our epoch, and my work[3] has shown this epoch to be of broken E8 symmetry type.

1. “supersymmetry searches: the most comprehensive ATLAS summary to date”, CERN courier, Oct 28, 2015

2. “Dark Cosmos”, Dan Hooper, Collins, p. 91, 2006

3. ViXra.org, 1501.0172, “Negative mass-energy is real only with unbroken E8 symmetry: Briggs’s answer to the Hartranft’s, 2015