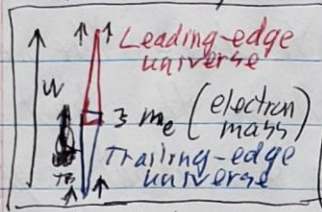


07:27

2008-07-06.12:29 Sun > Paired Matter-Antimatter Universes? / sigma-e = charge only

Wild idea: What if our apparent universe is actually two mirror-image ~~un~~ universes, reflected on  $q$  and extending ~~to~~  $w^+$  and  $w^-$  respectively, with sharp (shock-like) leading edges that overlap



just enough to define particle masses? I've proposed pretty much this same idea before based on action

infinitesimal triangles, although not as "separate" universes. The latter terminology becomes more attractive if each side, leading and trailing, has its own sigma chains. The arrangement would still be ~~the~~ asymmetric due to wavefront movement of both sets in the leading-edge direction.

This model allows trailing sigma chains to grow as needed for both action minimization and ~~the~~ wavefront motion, but keep mass defined as the much shorter overlap region. This idea creates its own contradiction: Why should trailing-edge sigma chain growth drive the wavefront, but not the growth in the leading edge? [12:43]

2008-07-07.07:21 Mon > The original motivation for this two-way universe was to allow 3D resolutions of sigma-e paths on both the ~~the~~ forward and lagging edges. Another thought: sigma-e flows are only charge; mass is a separate, more complex construction that somehow "bundles" charge. [07:24]

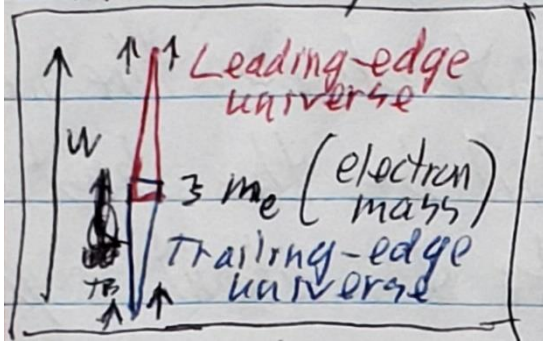
2008-07-07.07:21 Mon



[07:27]

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[2008-07-07.07:21 Mon] The original motivation for this two-way universe was to allow 3D resolutions of sigma-e paths on both the forward and lagging edges. [TB: Leading edge univ = antimatter]

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[07:24]

Terry Bollinger 2008-07-07.07:27 Mon