Haunted Quantum Entanglement Where Entanglement is Lost Before Ww Information is Released to the Environment and When the Entangled Entities are Distant From Each Other

DOUGLAS SNYDER — Haunted quantum entanglement involves entanglement between 2 entities where entanglement is based on 1 entity supplying which way information to the other. This ww info is lost before it is released to the environment with the result that the entanglement is also lost. The result of losing the entanglement is Young interference as if ww info never existed. Greenberger and YaSin demonstrated hqe in their haunted measurement where they obtained interference as if ww info initially provided by the displacement of a flexible mirror apparatus (fma) along one arm in their neutron interferometer never existed. Ww info in their haunted measurement is eliminated by a direct interaction between the neutron and the fma that restores the fma to its original state. In the hqe scenario here, ww info is eliminated at a distance between the entities. Interference is obtained in the dissolution of an entanglement that incorporates ww info held by one entity (photon) regarding the other distant entity with which it is entangled (atom) before any ww info is released to the environment. The ww info carried by the photon is eliminated at a distance from the atom with the accompanying loss of entanglement. The photon is essentially lost in classical microwave radiation. The “two-slit” interference obtained for the atoms shows no evidence that ww info ever existed.

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Date submitted: 28 Dec 2010
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