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Dark Energy may be the Graviton as a Quantum Spin Energy and May tell us how Galaxies are formed RICHARD KRISKE, University of Minnesota, RICHARD KRISKE TEAM — If Neutron Stars break up, one has to surmise that there is a particle called the Neutron Crystal Particle (NCP) which gives the Energy of Crystallization of the Neutrons which are compacted to form the Neutron Star. We see this Particle in the Belt of Stability of Nucleons. The "Belt of Stability" has the form kx + b, with magic numbers such as 2, 8, 20, 28, etc. As we know from Quantum Mechanics an Harmonic Oscillator has the form kx. The Harmonic is telling us how the Particle is formed by the Graviton pressing Neutrons together is. This Author believes he knows what this particle is and how it is connected to both the Graviton and the Dark Energy. The Graviton has a Quantum Mechanical Component and is only partly revealed the Classical Form. In addition to this form there is a coupling that exists between Nucleons, and that is why the Neutron Star is a Character in this Cosmic Drama. When the Nucleons in the Neutron Star Break apart they are still connected to each other through the NCP which is how they know that they can only be stable if they are in the Belt of Stability. The Belt is the EPR version of the Graviton, and it is the Potential Energy which causes Nucleons to be connected no matter how far apart they are, similar to Pauli Electrons.

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