

# Quantum Dynamic Relativity

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## Abstract

Quantum Dynamic Relativity shows that quantum behaviors arise from relativistic effects. It does this by Bohr's Correspondence Principle which states that when energy differences vanish between quantized levels behavior becomes classical. Thus when looking at stars behavior is classical and relativistic, and when looking at electrons behavior is quantum, but looking from an electron with its lower mass makes everything else appear classical.

With this perspective the 2.7928 proton magneton is derived (p. 8) along with the -1.9135 neutron magneton (p. 9) and its spin (p. 10), the 6.~8 eV electron anti-neutrino (p.10), deuterium's 2.224 MeV binding energy and 0.8574 magneton (p. 16), tritium's, helium-3's, helium-4's, lithium-6's and lithium-7's binding energy and magneton values (pp. 17-20), and nitrogen- 4's correct spin 1 value (p. 21). In addition the origin of the pion and its correct 139.6 MeV energy was derived without Yukawa's violation of energy conservation (p. 22).

Finally, in Quantum Behavior the basis of quantum effects and the wave nature of particles is shown (pp. 24-36).