

Theory Publications by Dr. Randell Mills

1. R. L. Mills, B. Holverstott, W. Good, A. Makwana, J. Paulus, "Total Bond Energies of Exact Classical Solutions of Molecules Generated by Millsian 1.0 Compared to Those Computed Using Modern 3-21G and 6-31G* Basis Sets," submitted.
2. R. L. Mills, *The Grand Unified Theory of Classical Physics*, June 2008 Edition posted at www.blacklightpower.com.
3. R. L. Mills, "Physical Solutions of the Nature of the Atom, Photon, and Their Interactions to Form Excited and Predicted Hydrino States," in press.
4. R. L. Mills, "Exact Classical Quantum Mechanical Solution for Atomic Helium which Predicts Conjugate Parameters from a Unique Solution for the First Time," *Physics Essays*, Vol. 21(2), (2008), 103–141.
5. R. L. Mills, "Maxwell's Equations and QED: Which is Fact and Which is Fiction," *Physics Essays*, Vol. 19, (2006), 225–262.
6. R. L. Mills, "Exact Classical Quantum Mechanical Solutions for One- through Twenty-Electron Atoms," *Phys. Essays*, Vol. 18, No. 3 (2005), 321–361.
7. R. L. Mills, "The Fallacy of Feynman's Argument on the Stability of the Hydrogen Atom According to Quantum Mechanics," *Ann. Fund. Louis de Broglie*, Vol. 30, No. 2, (2005), pp. 129–151.
8. R. L. Mills, "The Nature of the Chemical Bond Revisited and an Alternative Maxwellian Approach," *Physics Essays*, Vol. 17, (2004), 342–389.
9. R. L. Mills, "Classical Quantum Mechanics," *Physics Essays*, Vol. 16, (2003), pp. 433–498.
10. R. L. Mills, "The Grand Unified Theory of Classical Quantum Mechanics," *Int. J. Hydrogen Energy*, Vol. 27, No. 5, (2002), pp. 565-590.
11. R. L. Mills, "The Nature of Free Electrons in Superfluid Helium--a Test of Quantum Mechanics and a Basis to Review its Foundations and Make a Comparison to Classical Theory," *Int. J. Hydrogen Energy*, Vol. 26, No. 10, (2001), pp. 1059-1096.
12. R. L. Mills, "The Hydrogen Atom Revisited," *Int. J. of Hydrogen Energy*, Vol. 25, Issue 12, (2000), pp. 1171-1183.
13. R. L. Mills, "The Grand Unified Theory of Classical Quantum Mechanics," Global Foundation, Inc. *Orbis Scientiae* entitled *The Role of Attractive and Repulsive Gravitational Forces in Cosmic Acceleration of Particles The Origin of the Cosmic Gamma Ray Bursts*, (29th Conference on High Energy Physics and Cosmology Since 1964) Dr. Behram N. Kursunoglu, Chairman, December 14-17, 2000, Lago Mar Resort, Fort Lauderdale, FL, Kluwer Academic/Plenum Publishers, New York, pp. 243-258.