

Theory Publications by Dr. Randell Mills

1. W. Xie, R.L. Mills, W. Good, A. Makwana, B. Holverstott, N. Hogle, "Millsian 2.0: A Molecular Modeling Software for Structures, Charge Distributions and Energetics of Biomolecules," *Physics Essays*, 24 (2011) 200–212.
2. 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," *Phys. Essays* 23, 153–199 (2010).
3. R. L. Mills, *The Grand Unified Theory of Classical Physics*, July 2010 Edition posted at www.blacklightpower.com.
4. R. L. Mills, "Physical Solutions of the Nature of the Atom, Photon, and Their Interactions to Form Excited and Predicted Hydrino States," *Physics Essays*, Vol. 20, (2007), 403–460.
5. 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, (2008), 103–141.
6. R. L. Mills, "Maxwell's Equations and QED: Which is Fact and Which is Fiction," *Physics Essays*, Vol. 19, (2006), 225–262.
7. R. L. Mills, "Exact Classical Quantum Mechanical Solutions for One- through Twenty-Electron Atoms," *Phys. Essays*, Vol. 18, (2005), 321–361.
8. 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.
9. R. L. Mills, "The Nature of the Chemical Bond Revisited and an Alternative Maxwellian Approach," *Physics Essays*, Vol. 17, (2004), 342–389.
10. R. L. Mills, "Classical Quantum Mechanics," *Physics Essays*, Vol. 16, (2003), pp. 433–498.
11. R. L. Mills, "The Grand Unified Theory of Classical Quantum Mechanics," *Int. J. Hydrogen Energy*, Vol. 27, (2002), pp. 565–590.
12. 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, (2001), pp. 1059–1096.
13. R. L. Mills, "The Hydrogen Atom Revisited," *Int. J. of Hydrogen Energy*, Vol. 25, (2000), pp. 1171–1183.
14. 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.