## Abstract Submitted for the APR06 Meeting of The American Physical Society

## Nuclear Quantum Gravitation and General Relativity Compared

RONALD KOTAS, Grand Quantum Research — Nuclear Quantum Gravitation has 18 proofs and indications with a reasonable, non-fallacious explanation stating Gravity and Gravitation are electromagnetic and alternating, functioning in nuclei and alternating electromagnetic coupling between nuclei and other nuclei in other masses. This is according to Maxwell, Quantum, and Newtonian Laws. Nuclear Quantum Gravitation passes the Cavendish test. With the 18 proofs and indications of NQG it is clear that Gravity and Gravitation are electromagnetic and thoroughly explained by the Nuclear Quantum Gravitation theory. In comparison, General Relativity pictures mass somehow effects "Time-Space" about the mass, producing gravity about that mass. This is not described as an electromagnetic effect, but as a geometric function; the changing of geometry about mass. GR lists as a proof the bending of light in the area near the Sun. However, recently it was observed that the temperature of the Sun's corona is in the millions of degrees, and thus the bending of light and other electromagnetic radiation is caused by the refraction effects of the corona and heliosphere; NOT GR. The other "proofs" of GR are not definitive, and no one has yet explained the "somehow" of GR. General Relativity fails the Cavendish experiment and cannot account for the attractions between masses. It should be realized that Nuclear Quantum Gravitation provides a coherent, factual, scientific and direct physical explanation of Gravity and Gravitation thus Unifying the Physical Forces.

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Date submitted: 12 Jan 2006 Electronic form version 1.4