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SELECTED RECENT PUBLICATIONS:

In the press:

“Gravity, Inertia, and Quantum Vacuum Zero Point Fluctuations,” *Foundations of Physics* (scheduled for the April 2001 issue).

In print:

“Method and Apparatus for Generating Propulsive Forces without the Ejection of Propellant,” **United States Patent 6,098,924** (USGPO, Washington, D.C., 8/8/2000) [with Thomas Mahood]

“Mass Fluctuations, Stationary Forces, and Propellantless Propulsion,” *Space Technology International Forum 2000 Proceedings* (American Institute of Physics, Springer-Verlag, New York, 2000), pp. 1018-1025.

“What is the Cause of Inertia?,” *Foundations of Physics* **29**, 899-930 (1999). [with Thomas Mahood]

An essay review of Rothman and Sudarshan’s *Doubt and Certainty* (Perseus Books, Reading, Mass., 1998) for *Foundations of Physics* **29**, 819-828 (1999).

"Mach's Principle and Impulse Engines," submitted in conjunction with an invited presentation at the NASA Breakthrough Propulsion Physics Workshop held at the NASA Lewis Research Center in Cleveland on August 12 - 14, 1997. Published in the Proceedings of the workshop as NASA/CP-1999-208694, pp. 367-374.

"Dents and Deep Throats," in: *From Newton to Einstein* (ed. W. Schroder, Science Edition, Bremen, 1998).

"Twists of Fate: Can We Make Traversable Wormholes in Spacetime?" *Foundations of Physics Letters* **10**, 153-181 (1997).

An essay review of C.K. Raju's, *Time: Towards a Consistent Theory* (Kluwer Academic Publishers, Dordrecht), *Foundations of Physics* **26**, 1725-1730.

An essay review of David Lindley's, *Where does all the weirdness go: Why quantum mechanics is strange, but not as strange as you think* (Basic Books, 1996), and Huw Price's, *Archimedes' point: New directions in the physics of time* (Oxford University Press, 1996), *Foundations of Physics* **26**, 955-964.

"A Laboratory Test of Mach's Principle and Strong-Field Relativistic Gravity," *Foundations of Physics Letters* **9**, 247-293 (1996).

"Killing Time," *Foundations of Physics Letters* **9**, 1-23 (1996).

"Making the Universe Safe for Historians: Time Travel and the Laws of Physics," *Foundations of Physics Letters* **8**, 1-40 (1995).

"Method for Transiently Altering the Mass of Objects to Facilitate Their Transport or Change Their Stationary Apparent Weights," **United States Patent 5,280,864** (USGPO, Washington, D.C., 1/25/94).

"A Stationary Apparent Weight Shift from a Transient Machian Mass Fluctuation," *Foundations of Physics Letters* **5**, 425-441 (1992).

"Logic of Discovery or Psychology of Invention," *Foundations of Physics* **22**, 187-203 (1992).

"Measurement of a Machian Transient Mass Fluctuation," *Foundations of Physics Letters* **4**, 407-423 (1991).

"A New Experimental Approach to Mach's Principle and Relativistic Gravitation", *Foundations of Physics Letters* **3**, 497-506 (1990).