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A New Gravity Perspective FRANK HAFNER, Naval Ocean Systems Center — There is a fifth spacetime dimension where the universe expands on two degrees of freedom, parallel and normal to light. At universe inception, near infinite mass density created near infinite spacetime curvature. Gravity applies in the normal dimension, light does not. From inception the path of light reduces curvature as spacetime unwinds with decreasing mass density. Dark energy is unwinding spacetime. A tetherball path around the pole is the parallel direction. The path away from the pole increasing one circumference per revolution is the normal direction. The normal direction accounts for quantum teleportation. The field equations and the gravitational constant are altered to account for five spacetime dimensions. The cosmological constant and inflation are eliminated. Time becomes an energy source due to time dilation equilibration caused by different time rates in parallel and normal expansion. This accounts for unexplained energy events - fast radio bursts... Normal gravity contributes to dark matter applied to antimatter remnants caused by weak force change parity violation decay into space dependent information with gravity. All is information attributes spatially dependent or independent. Information = Time = E = mc^2. Spatially independent information is found prior to universe inception and in black hole singularities. Improved precision of time and physical phenomenon measurement will allow detection of gravitational quantum time dilation bringing gravity into the standard model.

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