



Characterisation of Low Frequency Gravitational Waves from Dual RF Coaxial-Cable Detector: Fractal Textured Dynamical 3-Space

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Experiments have revealed that the Fresnel drag effect is not present in RF coaxial cables, contrary to a previous report. This enables a very sensitive, robust and compact detector, that is 1st order in v/c and using one clock, to detect the dynamical space passing the earth, revealing the sidereal rotation of the earth, together with significant wave/turbulence effects. These are "gravitational waves", and previously detected by Cahill 2006, using an Optical-Fibre - RF Coaxial Cable Detector, and Cahill 2009, using a preliminary version of the Dual RF Coaxial Cable Detector. The gravitational waves have a $1/f$ spectrum, implying a fractal textured structure to dynamical 3-space.

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