

New Quantum Gravity Theory

Bernt Grannas*

Department of Physics Jakobstad, West and Inner Finland, Finland

*Corresponding Author: Bernt Grannas, Department of Physics Jakobstad, West and Inner Finland, Finland. Phone: +358054657847; E-mail: anna-liisa67@outlook.com

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Introduction

The curvature of space-time space is propagated immediately and not at the speed of light (Because time is zero in the dark energy in empty space) When rockets have been sent far trough the space, you have noticed that Einstein's formulas need a correction term.

Time Arrow in Empty Space (in the dark energy)

In empty space particles are moved due the quantum fluctuations in the dark energy. Quantum fluctuations are caused by matter and anti-matter appearing in equal amounts thereby propelling particles.

It is considered that time moves backwards in anti-matter **FIG.1** (Feynmans diagram). Therefor in empty space no time exists since particles move the same amount forward and backwards in time and the sum of times arrows are zero.

This explains why the value of the probability calculations are exact right if particles are taking every possible way between two points, (by Feynman's path-integral) this also explains why particles seem to know that they are going to be measured and react accordingly.

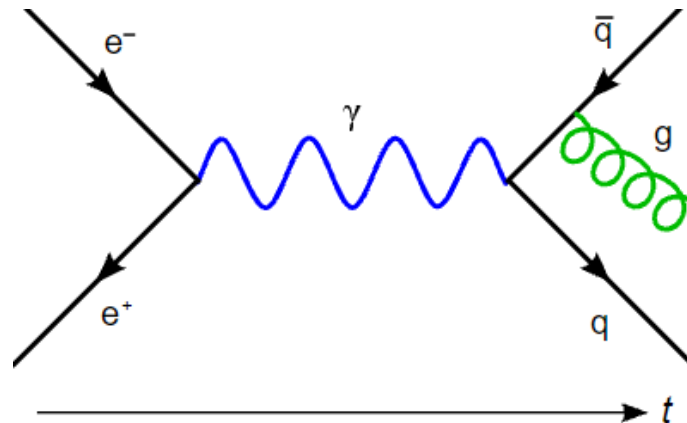


FIG.1. Feynman diagram, an electron (e^-) and a positron (e^+) annihilate, producing a photon (γ , represented by the blue sine wave) that becomes a quark-antiquark pair (quark q , antiquark \bar{q}), after which the antiquark radiates a gluon (g , represented by the green helix).

Past, present and future exists all at the same time since time doesn't move in empty space and the entropy in dark energy is constant. (Quantum fluctuations in the dark energy mean maximum disorder which means that time disappears).

Dark Matter

The dark energy consists of quantum fluctuations with both matter and antimatter, both react to the gravity space-time curvature acceleration. The galaxies are therefore attracting the dark energy which also are subject to the acceleration at same time.

This means additional mass which also slows down time according to Einstein's formulas for acceleration and gravity.

All this would explain why galaxies seem to spin too fast according to the visible mass. Then no dark matter is needed (only dark energy) as an explanation for the too fast galaxies spin.

Space-Time Curvature

The 4th dimension of space-time curvature is the acceleration (gravity) that acts on the quantum fluctuations in the dark energy in empty space. It is the effect of gravity on the quantum fluctuations in the dark energy in empty space that constitutes what we call the space-time curvature in the 4th dimension.

The theory is easy to test in reality. It means that space-time curvature occurs immediately and not at the speed of light. Because no time exist in the dark energy, this open the possibility of communication immediately across the whole universe using quantum fluctuations in the dark energy (pilot waves).

Pilot Wave Theory

The pilot wave theory, also known as Bohmian mechanics, was the first known example of a hidden-variable theory in theoretical physics, and was proposed by Louis de Broglie in 1927. The de Broglie-Bohm theory, a more contemporary form, interprets quantum physics as a deterministic theory, avoiding thorny concepts like wave-particle duality, instantaneous wave function collapse, and Schrödinger's cat dilemma. The theory is fundamentally nonlocal in order to overcome these difficulties.

The de Broglie-Bohm pilot wave theory is one of numerous (non-relativistic) quantum mechanics interpretations. Since the 1990s, an extension to the relativistic case has been devised.