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In physics, string theory is a theoretical framework in which the point-like particles of particle physics are replaced by one-dimensional objects called strings. It describes how these strings propagate through space and interact with each other. On distance scales larger than the string scale, a string looks just like an ordinary particle, with its mass, charge, and other properties ...

String theory - Wikipedia

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The photon is a type of elementary particle, the quantum of the electromagnetic field including electromagnetic radiation such as light, and the force carrier for the electromagnetic force (even when static via virtual particles). The photon has zero rest mass and always moves at the speed of light within a vacuum.. Like all elementary particles, photons are currently best explained by quantum ...

Photon - Wikipedia

The Discreteness of Space is the Cause of the Quantization of the Wavelength. Authors: Miheev Sergey Vladimirovich Comments: 2 Pages. The requirement of invariance with respect to phase change imposed on free oscillations in discrete space limits the wavelength of free oscillations to discrete values that are multiples of the minimum wavelength.

viXra.org e-Print archive, Quantum Gravity and String Theory

Volume 33 - 2018. 1. Spans of cospans in a topos Daniel Cicala and Kenny Courser, 1-22 abstract | pdf 2. Actor of a crossed module of Leibniz algebras Jos  Manuel Casas, Rafael Fern ndez-Casado, Xabier Garc a-Mart nez, Emzar Khmaladze, 23-42

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Quantum Field Theory Demystified: David McMahon

I like this line of thinking. As matter and space gets closer to a black hole in our universe the time slows to an infinitely slow speed (... a virtually a time stop to us at the event horizon).

Theorists apply loop quantum gravity theory to black hole

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authors agreed that the survey must (a) have a large-scale normative frame of reference; (b) comprise a set of items selected on the basis of

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