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A Commentary on Viscosity Hypothesis: The Simplest Possible Theory

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About the Study

It is demonstrated that starting from a very simple set of premises, one can construct a framework with properties that are virtually identical to those of our currently observed universe in which the basic constituents act as a background across which composite particles composed of those same constituents in a different dynamic state act, and whose presence or absence from specific volumes gives rise to relativistic and quantum systems, respectively. The assumption is that where the background is there, all composite particles experience energy loss in motion and a maximum velocity, whereas where the background is lacking, there is no energy loss in motion, and there is no maximum speed.

The shear viscosity of the background universe affects the fundamental particle pairs that make up photons in almost the same way, practically regardless of photon frequency. This viscosity also provides all particles a maximum speed of travel, which we call light speed. The fundamental particle pairs that make up non-photon composites are directly impacted by the same viscosity, which gives them a time arrow as they lose rotational rate. To construct composite loops, the pair can chase other pairs. Our normal matter consists of three-pair loops, with different loop sizes, as well as specific non-symmetric three-pair loops, constituting dark matter.

The framework is constructed on the simple concept that there is only one size of fundamental building element, the meon, two types of energy, one composite particle density, and only three dimensions. The leptons and quarks are the three-pair loops. When particles travel through the background medium, shear viscosity is the cause for a maximum speed, the arrow of time, where all motion loses unrecoverable energy, and an additional redshift of photons. Internal run between meon and anti-meon is shown by photons flowing at a terminal velocity against a local ambient determined as the local speed of light. Non-locality with motion above c and a quantum mechanical environment result since there is no background.

The balancing of mass energies and the subsequent motion of charge energies can be segregated from the motion of meons and anti-meons around the loops The utilization of modern technology As will be explained mass refers to the loop composites' frequency of rotation, which is always positive, and all loop composites have a balance of internal energies and seek to balance their exterior energies to total zero overall.

This clarifies why some composite configurations in atoms or orbits are stable, as well as why we need to rethink what we meant by energy and inertia.

It's also demonstrated that the origin of what is currently considered to as energy is both a counting phenomenon and a vector characteristic.

The overall movement of what is currently defined as energy begins with the universe's background state, develops through the formation of loops, and eventually comes back to the background through the action of the background's viscosity.

Conclusion

The only conclusion that can be drawn is that a successful inflation event would almost probably produce a sort of universe with geometries that are identical, even if the characteristics may differ based on differences in the sizes of the fermions emitted in each. The production of part of the anomalous magnetic moments of the loops is the final piece of the jigsaw in rearranging the object of physics. The entire ZMBH-to-loop framework is grounded by revealing how these contributions are produced in the leptons.

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