



The Mystery of Dark Energy in the Universe and the Particle of Light in Nature

Dr. Dhruv Subramanian

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ABSTRACT: In a familial setting, a revelation emerges from the universally known equation of $E=mc^2$. As a family delves deeper into scientific principles, they uncover the possibility that the speed of light might not be constant. This discovery throws open the doors to unprecedented possibilities in the realms of interstellar travel, dental lasers, and our understanding of dark energy.

I. INTRODUCTION:

In the close confines of a lockdown, a family embarked on a journey of imagination. Through playful dialogue, a father and son questioned Einstein's revered equation, leading to profound insights into the nature of light.

****Understanding $E=mc^2$:****

A light-hearted conversation between father and son provided an insight into Einstein's equation. The child's innocent observation highlights the inconsistency in treating the speed of light as a constant when time can dilate.

****Time Dilation and Light's Velocity:****

Drawing from experimental observations of aging in space, the concept of time dilation - how time can vary depending on gravity and velocity - is introduced. This variation in time implies a potential variation in the speed of light.

****A New Proposition:****

Challenging the traditional understanding, a new equation is proposed: $LE = E/m$ or $c^2 = E/m$, where LE represents light energy or light's velocity. The father elucidates how manipulating energy can theoretically change the speed of light.

****Implications in Dentistry:****

With the concept of manipulating the speed of photons, we realize the potential for advancements in LASER (Light Amplification by

Stimulated Emission of Radiation) technology. Such advancements may lead to more efficient LASER machines and a potential revolution in dental treatments.

****The Dark Energy, Photons, and Life Nexus:****

Central Dogma $E = P = L$ from the formulae

* The connection between dark energy, photons, and life could redefine our understanding of the universe.

* Dark matter's presence in photons might usher a new era in space propulsion systems.

* The universe's genesis, symbolized by the sound of "Om," spiritually saying darkness from light highlights the interconnectedness of thought, darkness, light, and creation. Intervening that from the light photon dark energy arises

****Aspirations and The Road Ahead:****

* Fusing electronics, AI, and newfound scientific principles can overcome current barriers.

* Challenges represent opportunities for healing and growth.

* True success lies in gratitude, effort, and recognizing the forces guiding our path.

****Reflection on Existence and Spirituality:****

The essence of love surpasses even the divine, being the origin of thought. Such profound truths intertwine with our understanding of dark energy and the nature of existence. These revelations may hold the key to harnessing untapped energy sources for holistic health, societal advancement, and environmental conservation, therefore with respect of this form of God or source of creation I refer to it as God's love

II. CONCLUSION:

Challenging long-held beliefs can open doors to unimaginable discoveries. By merging scientific inquiry with spiritual understanding, the



secrets of the universe, from the minute photons to vast galaxies, might just be within our reach.

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