

37) Questions Regarding Space and Time



James Webb: Little red dots near creation time of Blue Squid Nebula

Mea culpa, no other or institution is accountable for this student work. Questions are the ultimate Medium of conscious, as a prayer, a supplication, a humble request to fulfill the essential longing of conscious.

Know thou moreover that thy letter reached Our presence and We perceived and perused its contents. We noted the questions thou hast asked and will readily answer thee. It behoveth everyone in this Day to ask God that which he desireth, and thy Lord will heed his petition with wondrous and undeniable verses.
-- Bahá'u'lláh of

In the Bayán it had been forbidden you to ask Us questions. The Lord hath now relieved you of this prohibition, that ye may be free to ask what you need to ask, but not such idle questions as those on

which the men of former times were wont to dwell. Fear God, and be ye of the righteous! Ask ye that which shall be of profit to you in the Cause of God and His dominion, for the portals of His tender compassion have been opened before all who dwell in heaven and on earth. -- Bahá'u'lláh

This Wronged One hath perused thy letter in the Most Great Prison and is apprised of thine enquiry concerning the commandments of God on the subjects of resurrection and the means of livelihood. Thou hast done well to ask these questions, for the benefit thereof will be gained by thyself as well as other servants of God, both outwardly and inwardly. Verily thy Lord knoweth all things and readily answereth the call.
-- Bahá'u'lláh

The fourth teaching of Bahá'u'lláh is the agreement of religion and science. God has endowed man with intelligence and reason whereby he is required to determine the verity of questions and propositions. If religious beliefs and opinions are found contrary to the standards of science they are mere superstitions and imaginations; for the antithesis of knowledge is ignorance, and the child of ignorance is superstition. Unquestionably there must be agreement between true religion and science. If a question be found contrary to reason, faith and belief in it are impossible and there is no outcome but wavering and vacillation. -- `Abdu'l-Bahá

O thou who art turning thy face towards God! Close thine eyes to all things else, and open them to the realm of the All-Glorious. Ask whatsoever thou wishest of Him alone; seek whatsoever thou seekest from Him alone. With a look He granteth a hundred thousand hopes, with a glance He healeth a hundred thousand incurable ills, with a nod He layeth balm on every

wound, with a glimpse He freeth the hearts from the shackles of grief. He doeth as He doeth, and what recourse have we? He carrieth out His Will, He ordaineth what He pleaseth. Then better for thee to bow down thy head in submission, and put thy trust in the All-Merciful Lord. — Selections from the Writings of 'Abdu'l-Bahá

So if this student asks, "What is the cause of gravity and what is the cause of inertia?" Please God let this not be an idle question. May the answer better enable this servant to re-cognize Thy Glory.

The cause of gravity is motion. Gravity merely directs the active entity some say to the space it belongs; some say to the shortest path, the path is shortest when space is denser. Consider that denser space permits the greatest degree of freedom to any particular object. That is its rightful place. There fore, each particle is seeking its own freedom. Motion is an essential characteristic of a created reality.

Divine and all-encompassing Wisdom hath ordained that motion be an inseparable concomitant of existence, whether inherently or accidentally, spiritually or materially. This movement must be governed by some check or rein, some regulator or director, otherwise order will be disrupted and the spheres and bodies will fall from the heavens. For this reason God brought into being a universal attractive force between these bodies to hold sway over them and govern them, a force deriving from the firm ties, the mighty correspondence and affinity that exist between the realities of these limitless worlds. `Abdu'l-Bahá

So the interesting irony is that gravity is a particle seeking its own freedom of existence in the area of greatest density of space. Thereby, this desire is an expression of love to exist, a desire implanted in every created thing. In every electron, in every atom in every reality. this is the foundation of gravity.

All things are moving. This is the essence of Nikola Tesla's the Dynamic Theory of Gravity. `Abdu'l-Bahá's confirmation that all things are moving, is foundational to existence in the phenomenal and spiritual worlds.

From an engineering standpoint, if you were within 95% of targeted values, the model is workable. Dirac was an electrical engineer. So if we examine matter, matter is 99.999999999999% space. If the density of space is increased near the boundary of a physical particle compared to the outer limits of its form domain of the physical particle as creating its form. This differential in space, compounded space, increased density space would not be detectable to our senses. But we can witness it by the orbit of the moon in the orbit of the Earth.

Regarding the opening image;
"A red and blue celestial object sit side by side in the blue squid nebula, as photographed from Andalusia, Spain. New research suggests that 'little red dots' discovered in James Webb telescope observations are often accompanied by 'little blue companions. " ~ Http: Live Science

Every blue electron- has its companion a red positron+. The perception of balance in your life, in nature, in science and religion, male and female, age and youth, is the very nature of conscious. It is not an artifact of human conscious, it is an artifact of the Creator. We perceive the underlying nature. It is the reflected essence symmetry of Creator $\leftrightarrow$ creation. We did not create our own conscious. But by our relation to our Creator, via Revelation, we can better understand it.

Intrinsic spin is a balance of two components, relational spin and essential spin. Gravity is from particle relational spin. Inertia is from a particle's essential spin (spinning in and out of space and time, involuting and ex-voluting, motion from the non-physical to physical and back again, from the material to spiritual realms).

Creation is the expression of motion. Motion is life. A moving object is a living

object, whereas that which is motionless and inert is as dead. All created forms are progressive in their planes, or kingdoms of existence, under the stimulus of the power or spirit of life. The universal energy is dynamic. Nothing is stationary in the material world of outer phenomena or in the inner world of intellect and consciousness. `Abdu'l-Bahá, The Promulgation of Universal Peace

Clyde Arthur Keys

<https://www.livescience.com/space/mysterious-little-red-dots-at-the-beginning-time-may-finally-have-an-explanation-thanks-to-newfound-little-blue-companions>

And this most fundamental expression in the physical world, Primal Will is the cause of motion of all things, every electron- in physical space and every positron+ in the spiritual non-physical realm of time. In the intertwining of time and space is an expression of the intertwining of the spiritual and the material. The Primal Will is the Weaver.

With the love of God all sciences are accepted and beloved, but without it, are fruitless; nay, rather the cause of insanity. Every science is like unto a tree; if the fruit of it is the love of God, that is a blessed tree. Otherwise it is dried wood and finally a food for fire. - `Abdu'l-Bahá, Bahá'í World Faith

Some of these thoughts may seem useless, fruitless like firewood. Some physicists insist knowledge must be quantitatively testable to be to be grounded in reality thereby useful. Manure. This student knows a man who became a millionaire selling cow manure. Expletive, yet effective reproducible experiment/experience. A model of causality by one man's perception, because it is not adaptable to numbers and mathematics, does not undo it's usefulness for perception of reality. When a man can understand that he can make manure profitable, that man has a good imagination. He also knows that in the winter firewood can be a blessing even if it no longer bears fruit. Thank you God for the firewood. This student is grateful for the answers to questions as to the cause of gravity and inertia. The search increased the love of God.

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