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This paper proposes a speculative framework that connects the structure of the universe with the concept of information as a fundamental entity. Building upon metaphysical insights and intuitive speculation, we explore the notion that the vacuum—what is called "empty space"—is in fact a field of information, and that quantum behavior, including the formation of particles such as quarks, may be manifestations of information fluctuations within this field. By reinterpreting ancient concepts such as "color is emptiness, emptiness is color," we suggest that space, information, and existence itself are inseparable.

1. The Universe as an Information Field

The perception of spatial dimensions, distance, and cosmological scale itself may not arise from matter or energy alone, but from the **informational structure embedded in space**. What we perceive as space may be a vast and dynamic information field—what we call "space electrons"—which do not possess properties in the traditional sense, but rather react passively to energy, frequency, and waveforms.

Just as a calm lake ripples when struck by a pebble, space electrons respond to disturbances such as electromagnetic waves or gravitational interactions, acting as **a medium for transmission**, not through consumption of energy, but through synchronized oscillation.

2. Quantum Fluctuations as Information Exchange

Quantum particles may not be "things" in the classical sense, but **localized expressions of informational waves** interacting and intersecting. The duality of wave and particle behavior in quantum mechanics (wave-particle duality) may be understood not as a paradox, but as a natural result of **information being observed and recorded**—once a system's state is known, its freedom collapses into certainty.

This aligns with the idea that **quantum behavior arises not from matter**, but from the **act of informational interaction**. The measurement creates an "information echo," locking a fluctuation into a particle-like state.

3. Quarks as Fragments of Information

We propose that quarks and other fundamental particles are not indivisible "building blocks", but rather fragments of high-density information, generated through extreme wave interactions or energetic collisions.

These are not particles in the traditional material sense, but "information debris", akin to linguistic syllables created by a collision of thoughts. In particle accelerators, we do not see

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nature's bricks—we see her broken sentences.

4. Void as the Foundation of Information

We revisit the Buddhist expression:

"Form is emptiness, and emptiness is form."

In our reinterpretation, "form" (色) refers not to sensory desire, but to light, color, and therefore information. The statement becomes:

"Information is void, and void is information."

This elegantly captures the idea that **the so-called vacuum is not empty**, but **a foundational field of possibility**, capable of expressing **all form**, **all frequency**, **all interaction**. The field has no color, no shape, no energy—but through it, **color**, **shape**, **and energy arise**.

5. The Hidden Order of Reality

What we call **space electrons** may be better understood as a metaphor for the fundamental, passive yet responsive **substrate of reality**. It is not material, not energetic, not even conceptual in the conventional sense. It is **emptiness that responds**, **void that vibrates**, and **nothingness that speaks**.

This substrate makes possible the measurement of light-years, the structure of galaxies, the manifestation of atoms, and even the flicker of thought. Without this passive field, no wave could ripple, no particle could dance, and no observer could observe.

6. Closing Thoughts

This is not a scientific theory in the formal sense. It is a speculative synthesis, born of intuition, reflection, and metaphor.

We do not claim to define the universe.

But we do suggest:

What we see, what we feel, and what we are—may all be information.

And information does not travel alone. It rides the invisible wind of space itself.