Dark Energy Is the Continuous Creation of Identically Charged Void Ions (voiion).

The volume of the observable Universe is:

$$V(t) = V_i e^{3H(t-t_i)}$$

The volume of a universe begotten by the continuous creation of identically charged Void Ions is:

$$V(t) = V_i e^{rt}$$

Where r is the growth rate.

A striking parallel exists between the observable Universe's exponential volume expansion and the theoretical Void Ions framework, validating the postulated identity of dark energy.

When analyzing why voiions are continuously created, a compelling explanation is that they step in to counteract the weakening of space. As the repulsive force of existing voiions causes space to expand, the vertices of their resulting electric field cubes become rounded. This rounding creates gaps or voids within the fabric of space, triggering the generation of new voiions to fill these voids with fresh space.

Given that the quantity of vertices approximately matches the number of cubes or voiions, the total number of voiions will experience a doubling effect over a specific timeframe.

Mass Is the Literal Destruction (Neutralization) of Space.

While Dark Energy continuously generates identically charged voiions, matter constantly consumes them. This consumption creates a localized void, which surrounding voiions immediately rush to fill. This ongoing influx creates a powerful disturbance—essentially pulling the fabric of space inward toward the mass. When two separate masses pull space toward themselves simultaneously, they are naturally drawn together, creating the phenomenon we perceive as gravity.

The energy of the destruction or annihilation is:

$$E = mc^2 = \nu_{\text{ann}} \cdot E_{\text{voiion}}$$

Where:

- ν_{ann} **is the number of opposite-charge pairs annihilating per second.**
- E_{voiion} is **the energy released per individual annihilation event.**

Mass is the neutralization occurring over a specific quantum time interval:

$$m = \frac{\hbar \cdot \nu_{\text{ann}}}{c^2} = \frac{\hbar}{c^2}\left(\frac{\Delta N}{\Delta t}\right)$$

$$\text{MeV}/c^2 \approx 6.585 \times 10^{-16} \cdot \frac{\Delta N}{\Delta t}$$

Where:

ΔN is the number of spatial charges neutralized.

Δt is the time interval, quantized in units of the Planck time.

$$M_{\text{eV}} = \frac{4}{3}\pi R^3 \cdot \rho_{\text{volion}} \cdot E_{\text{volion_eV}}$$

Where ρ_{voiion} is the density of voiions.

$$M_{\text{eV}} \approx 2.18 \times 10^{59} \cdot R^3$$

Where R is the radius.

The mass charge relation predicts well the masses of quarks, protons (voiion theory solves the 99% missing mass-classified as “gluon binding energy” the continuous annihilation happening inside the proton volume), neutrons, neutrinos and electrons.

For an electron

$$511{,}000 = 6.585 \times 10^{-16} \cdot \frac{\Delta N}{\Delta t}$$

The annihilation rate

$$\frac{\Delta N}{\Delta t} \approx 7.76 \times 10^{20} \text{ annihilations per second}$$

The density of voiions

$$\rho_{\text{voiion}} = 8\lambda^3 p \approx 7.64 \times 10^{102} \text{ voiions/m}^3$$

Charge of one voiion $\approx 1.85 \times 10^{-88}$ Coulombs

Charges and polarities

Every fundamental particle can be defined by its **neutralization efficiency**.

The Electron (Over-Neutralization): The electron aggressively floods its tiny radius with negative charges. It neutralizes 100% of the positive space inside its radius *and* leaves an excess of negative charges exposed. This creates a small mass deficit but a powerful **negative electric field**.

The Down Quark (Partial Neutralization): The down quark spawns just enough negative charges to wipe out a specific fraction of the positive space. It creates a space deficit (mass) but leaves a slight net negative imbalance (**-1/3e charge**).

The Up Quark (Under-Neutralization / Selective Sink): Instead of spawning positive charges, the up quark is a specialized sink. It destroys background space at a lower intensity or leaves a specific geometric fractional amount of the background positive field intact. Because it clears out a physical volume, it still creates a space deficit (mass), but because it leaves a portion of the positive space un-neutralized, it macroscopically looks like a **positive field (+2/3e charge)** to the outside world.

Gravity

Gravity is not only pulling masses together but mostly masses are being pushed toward each other by the outer space or voiions. Between the masses, no voiions are being created since the distance between them is decreasing. While from outside, and since the distance is increasing, new voiions are being spawned. The new field equation would be:

$$G_{\mu\nu} + \kappa_{\text{lattice}}(\theta, \Phi) \cdot \Pi_{\mu\nu} = \frac{8\pi G}{c^4} T_{\mu\nu}$$

$\Pi_{\mu\nu}$ **(The Geometric Tension Tensor):** A new tensor that represents the internal physical pressure and shear stress of the spacetime lattice fabric itself. It acts like an elastic membrane.

$\kappa_{\text{lattice}}(\theta, \Phi)$ dictates how much extra inward geometric force is generated based on whether space is expanding or locked near mass.

We express it as a function of the local expansion scalar (θ) and the gravitational potential (Φ):

$$\kappa_{\text{lattice}} = \kappa_0 \cdot \left(1 - \frac{\theta}{3H_0}\right) \cdot e^{-\beta|\nabla\Phi|^2}$$

Using real data ($H_0 \approx 70$ km/s/Mpc and $\rho_{DE} \approx 7 \times 10^{-27}$ kg/m^3
Spawning Rate ≈ 4.7 × 10^{-44} kg/m³/second.

The "missing gravity" attributed to dark matter is revealed to be the structural tension of a quantum spacetime grid struggling to stretch against the gravitational anchor of ordinary matter.