

# ATOM – PROTON – NEUTRON

## The Electro-Positive Inversion of the Ethon under Quantum Confinement

*(Principles, mechanics, and implications for Genesis-1)*

Author : Jean-Pierre Laine projet: Genesis-1 <https://genesis1.net> DOI : 10.5281/zenodo.18572293 date: 01/16/2026

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### 1. Fundamental Structure of the Ethon

In Genesis-1, an ethon is an elementary unit possessing:

- an **electro-negative exterior**, resulting from the natural orientation of the  $e$  field,
- an **electro-positive interior**, corresponding to a compressed logical core,
- a **toroidal spin** whose effective length and tension vary with stored energy,
- an **I-vector** ensuring local coherence of the structure.

In its stable state, the ethon presents its **negative exterior**, because this configuration is geometrically the least strained, the most dispersive, and therefore the most stable.

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### 2. The Extreme Role of Quark Confinement

Within a quark, physical conditions exceed any other known environment.

Previous sections established that quarks originate from extreme constraints of the electromagnetic field, referred to as **Ethon-Space**. Multiple lamellar ethonic structures stack during their formation, creating a rotating toroid with a tangential velocity close to **0.99 c**.

The toroid's center is intensely magnetic. A quark exhibits positive or negative polarity and a specific direction of rotation depending on its position within the proton. This polarity arises from the same fundamental process that generates the electron or the positron.

Due to relativistic rotational speed, peripheral ethons acquire effective mass through torsion of the electromagnetic medium. Under the combined effect of centrifugal expulsion and central magnetic attraction, individual ethons may **invert their toroidal geometry**, turning “inside out” like a glove and exposing an electro-positive state.

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### 3. Core Mechanism: Ethonic Spin Inversion

Under normal conditions, the ethonic spin maintains a stable orientation that exposes a negative exterior.

Inside a quark, however, ethons are subjected to:

- extreme compression (very high ethonic density  $\rho_e$ ),
- forced internal rotation,
- collective torsion of EM links,
- an extreme magnetic gradient,
- stabilization by an **ethonic magnetic bottle**.

When magnetic pressure exceeds a critical threshold, individual ethonic magnetic moments can no longer maintain their previous orientation.

### **The spin inverts.**

The electro-positive interior becomes external.

This inversion is not optional. It is a **geometrical consequence** of saturation of the EM field.

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## **4. Why the Electro-Positive State Cannot Survive Outside the Quark**

Once confinement pressure is released:

- internal tension decreases,
- the toroidal geometry relaxes,
- the negative exterior re-establishes itself.

An electro-positive ethon is therefore **intrinsically unstable** outside quark confinement.

This explains why proton collisions produce:

- abundant photons,
- occasional electron–positron pairs,
- secondary hadrons,
- but **no stable positively charged particles** other than the positron.

The positron itself is not a fundamental positive entity, but a **torsioned photon**, not an inverted ethon.

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## **5. Implications for the Nature of Charge**

According to Genesis-1:

- positive charge is **not fundamental**,
- it is a **geometric state** of an ethon under extreme confinement,
- reversible and non-transportable outside quark structures.

This explains:

- apparent fractional quark charges,
  - proton stability,
  - the absence of free positive ethonic states,
  - and the dominance of photons in high-energy collisions.
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## **Clear Conclusion**

The electro-positive state of the ethon is:

- geometric,
- induced by extreme magnetic confinement,
- reversible,
- confined,
- and invisible as a free charge.

**Positive charge is not a primitive property of matter.  
It is a constrained configuration of Ethon-Space.**