GELLUN: A Physics Concept for Mathematicians

An Invitation to Explore a Toy Universe of Time, Space, Matter, and Energy

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SUMMARY:
GELLUN is a Theory of Everything built around four core elements: Time, Space, Matter, and Energy. It posits that space is not a vacuum, but a fluid-like energetic medium (called MEL: magnetic electric liquoid), capable of carrying and mediating all interactions. All energy exchanges are three-body processes-mass body A, the MEL field, and mass body B.

WHY MATH?
This fictional yet structured universe is a sandbox for mathematical modeling, from geometry to fluid dynamics to abstract algebra. Though not academic in origin, GELLUN proposes systemic rules that invite rigorous testing, mapping, or refutation.

FIELDS THAT MIGHT BITE:
- Differential Geometry: Describe curved, energetic spaces.
- Continuum Mechanics: Model MEL as a dynamic compressible medium.
- Mathematical Physics: Recast energy exchange laws in new field equations.
- Functional Analysis: Explore waves and operators in MEL space.
- Chaos & Dynamical Systems: Model feedback-driven disequilibrium.
- Algebraic Topology: Structure mass-field-energy relationships abstractly.

WHY YOU?
Waterloo is home to one of the best math faculties in the world. GELLUN is bait: an opportunity to play, model, or challenge the assumptions behind this fun conceptual universe.

Grab a coffee and let's talk waves, spaces, and salad metaphors. This isn't about publishing-it's about play.

DISCLAIMER:
GELLUN is a fictional construct for mental exercise and creative exploration. No physicists were harmed during its development.