

P2 – Electron Model from the Θ Field

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AI Assistants: ChatGPT-4o (OpenAI), Gemini 2.5 Pro (Google)

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August 8, 2025

Goal

Demonstrate how a minimal electron-like solution can emerge from the internal structure of the unified $\Theta(q, \tau)$ field.

Approach

- Use the internal spinor/tensor decomposition of Θ .
- Map quantum numbers (charge, spin, mass) to components.
- Attempt derivation of mass term analogous to Dirac field in curved space.

Expected Outcome

A plausible geometric derivation of electron properties as a topological excitation in $\Theta(q, \tau)$.

Author's Note

This work was developed solely by Ing. David Jaroš. Large language models (ChatGPT-4o by OpenAI and Gemini 2.5 Pro by Google) were used strictly as assistive tools for calculations, LaTeX formatting, and critical review. All core ideas, equations, theoretical constructs and conclusions are the intellectual work of the author.