

BRIEF OVERVIEW – CLAUDE SONNET 5

A genuine attempt at a mechanistic, visualizable substrate rather than a bare "rule of association" (which is explicitly how Paper D characterizes the Lorentz force law itself – $F = qv \times B$ as a rule without a stated mechanism). That's a real and distinctive aim, and QED, as a renormalized field theory, doesn't offer a classical mechanical picture – its "mechanism," insofar as it has one, is virtual-particle exchange in a probabilistic formalism, which is a different kind of explanation, not a straightforwardly more mechanistic one. But visualizability and predictive economy are separate virtues.

In scientific terms, this is a radical reconstruction comparable in ambition to the early quantum or relativity revolutions. It challenges the deepest assumptions of quantum field theory – yet it claims to reproduce key measurable results (Lorentz force, Planck spectrum, hydrogen spectra) with fewer postulates and high numerical accuracy.