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Two Equivalent Corrected Maxwell Equations

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All that exists is electromagnetism.
Wave equations for electric and magnetic fields:

$$E = E_0 \cos(kx - \omega t) \;; \qquad B = B_0 \sin(kx - \omega t)$$

A
$$\begin{cases} \dfrac{dE}{dx} = \dfrac{\rho_e}{\varepsilon_0} \\ \dfrac{dB}{dx} = \rho_m \end{cases}$$

B1
$$\begin{cases} k\dfrac{dB}{dt} = \dfrac{d^2E}{dx^2} + {\rho_m}^2 \\ -\dfrac{dB}{dx}c^2\omega = \dfrac{d^2E}{dt^2} + {J_m}^2 \end{cases}$$

B2
$$\begin{cases} k\dfrac{dE}{dt} = -c^2\dfrac{d^2B}{dx^2} + \rho_m J_m \\ \omega\dfrac{dE}{dx} = \dfrac{d^2B}{dt^2} + \rho_m J_m \end{cases}$$

In vacuum:

$$\frac{d^2E}{dx^2}c^2 = \frac{d^2E}{dt^2} \quad \Leftrightarrow \quad -c\frac{dE}{dx} = \frac{dE}{dt}$$

$$\frac{d^2B}{dx^2} = \frac{1}{c^2}\frac{d^2B}{dt^2} \quad \Leftrightarrow \quad -c\frac{dB}{dx} = \frac{dB}{dt}$$

ρ_e -- Electric charge volume density
ρ_m -- Magnetic charge volume density
J_m -- Magnetic current area density

Those equations must replace Schrodinger equation.