

$$\mathbb{R}^d \xrightarrow{\hbar} \mathbb{R}^d \xrightarrow{\hbar} \mathbb{C}^\varepsilon \times \mathbb{R}^d \xrightarrow{\hbar} \mathbb{C}^\dagger = \frac{(\mathbb{A}:\psi) \in \mathbb{R}^d \xrightarrow{\hbar} \mathbb{R}^d \xrightarrow{\hbar} \mathbb{C}^\varepsilon \times \mathbb{R}^d \xrightarrow{\hbar} \mathbb{C}^\dagger}{iE - e\tilde{\mathbb{A}}\psi = m\psi}$$

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$$\tilde{\mathbb{A}} = \eta^{\mu\nu} \gamma_\mu \mathbb{A}_\nu = \gamma_\mu \mathbb{A}^\mu \text{ imag}$$

$$-ie\tilde{\mathbb{A}}\psi = (\mathfrak{D} + m)\psi$$