Gravitational Waves Are All You Need

A Causal Reversal of Gravity and Matter

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Schrondiger's Equation →

$$ihbarrac{\partial}{\partial t}\Psi(m{r},t)=\hat{H}\Psi(m{r},t)$$

$$\hat{H}\psi(\mathbf{r}) = E\psi(\mathbf{r})$$

$$P(\boldsymbol{r},t) = |\Psi(\boldsymbol{r},t)|^2 = \Psi^{*(\boldsymbol{r},t)}\Psi(\boldsymbol{r},t)$$

$$<\hat{A}> = \int \Psi^{*(oldsymbol{r},t)} \hat{A} \Psi(oldsymbol{r},t) \,\mathrm{d}V$$

$$\hat{A}\psi_a = a\psi_a$$

$$\mathcal{L}_{\mathrm{SM}} = \mathcal{L}_{\mathrm{Gauge}} + \mathcal{L}_{\mathrm{Fermion}} + \mathcal{L}_{\mathrm{Higgs}} + \mathcal{L}_{\mathrm{Yukawa}}$$

$$\mathcal{L}_{\text{Gauge}} = -\frac{1}{4} G^a_{\mu\nu} G^{a\mu\nu} - \frac{1}{4} W^a_{\mu\nu} W^{a\mu\nu} - \frac{1}{4} B_{\mu\nu} B^{\mu\nu}$$

$$L_{
m ermion} = \sum_i ig(|(q)_{Li} i \gamma^\mu D_\mu q_{Li} + |(u)_{Ri} i \gamma^\mu D_\mu u_{Ri} + |(d)_{Ri} i \gamma^\mu D_\mu d_{Ri} + |(l)_{Li} i \gamma^\mu D_\mu l_{Li} + |(e)_{Ri} i \gamma^\mu D_\mu e_{Ri} ig)$$

$$\mathcal{L}_{\mathrm{Higgs}} = \left(D_{\mu}\varphi\right)^{\dagger}(D^{\mu}\varphi) - V(\varphi)$$

$$\mathcal{L}_{\text{Yukawa}} = -\sum_{i,j} \left(Y^u_{ij} | (q)_{L_i} \tilde{\varphi} u_{R_j} + Y^d_{ij} | (q)_{L_i} \varphi d_{R_j} + Y^e_{ij} | (l)_{L_i} \varphi e_{R_j} \right) + \text{h.c.}$$