Erratum: Quantized $(1, 0) \oplus (0, 1)$ Fields¹

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The correct equation (99) should read

$$\begin{aligned}
 & [\gamma_{\mu\nu}\partial_\mu\partial_\nu - m^2] \int \frac{d^3\mathbf{p}}{(2\pi)^3 2E_p} [\theta(t_2 - t_1)a \, \mathcal{U}_1^{\sigma(1)}(\mathbf{p}) \otimes \overline{\mathcal{U}}_1^{\sigma(1)}(\mathbf{p})e^{ipx} \\
 & + \theta(t_1 - t_2)b\mathcal{V}_1^{\sigma(1)}(\mathbf{p}) \otimes \overline{\mathcal{V}}_1^{\sigma(1)}(\mathbf{p})e^{-ipx}] \\
 & + [\gamma_{\mu\nu}\partial_\mu\partial_\nu + m^2] \int \frac{d^3\mathbf{p}}{(2\pi)^3 2E_p} [\theta(t_2 - t_1)c \, \mathcal{U}_2^{\sigma(1)}(\mathbf{p}) \otimes \overline{\mathcal{U}}_2^{\sigma(1)}(\mathbf{p})e^{ipx} \\
 & + \theta(t_1 - t_2)d\mathcal{V}_2^{\sigma(1)}(\mathbf{p}) \otimes \overline{\mathcal{V}}_2^{\sigma(1)}(\mathbf{p})e^{-ipx}] \\
 & + [\tilde{\gamma}_{\mu\nu}\partial_\mu\partial_\nu + m^2] \int \frac{d^3\mathbf{p}}{(2\pi)^3 2E_p} [\theta(t_2 - t_1)e\mathcal{U}_1^{\sigma(2)}(\mathbf{p}) \otimes \overline{\mathcal{U}}_1^{\sigma(2)}(\mathbf{p})e^{ipx} \\
 & + \theta(t_1 - t_2)f\mathcal{V}_1^{\sigma(2)}(\mathbf{p}) \otimes \overline{\mathcal{V}}_1^{\sigma(2)}(\mathbf{p})e^{-ipx}] \\
 & + [\tilde{\gamma}_{\mu\nu}\partial_\mu\partial_\nu - m^2] \int \frac{d^3\mathbf{p}}{(2\pi)^3 2E_p} [\theta(t_2 - t_1)g\mathcal{U}_2^{\sigma(2)}(\mathbf{p}) \otimes \overline{\mathcal{U}}_2^{\sigma(2)}(\mathbf{p})e^{ipx} \\
 & + \theta(t_1 - t_2)h\mathcal{V}_2^{\sigma(2)}(\mathbf{p}) \otimes \overline{\mathcal{V}}_2^{\sigma(2)}(\mathbf{p})e^{-ipx}] = \delta^{(4)}(x_2 - x_1) \quad (99)
 \end{aligned}$$

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