$$\bar{\bar{\beth}}^{\lambda}_{\lambda\mu\nu} + \beth_{\mu\nu}\left(\Lambda - \frac{\bar{\bar{\beth}}^{\lambda}_{\lambda\, ii}}{2}\right) = \frac{8\pi G}{c^4} T_{\mu\nu}$$

$$g_{\mu\nu} = \eta_{mn}\, E^{m}_{\mu}\, e^{n}_{\nu}$$

$$D_{\mu}\psi = \left(\partial_{\mu} + \frac{1}{4}\omega^{mn}_{\mu}\Gamma_{mn}\right)\psi$$

$${}^{x}\Gamma^{\mu} = {}^{x}e^{\mu}_{m}\,\Gamma^{m}$$

$$\sqrt{-g}\,\bar{\psi}\,\Gamma^{\mu}\,D_{\mu}\psi$$

$$e^{\nu n} = e^{\nu}_{k}\,\eta^{kn}$$

$$\omega^{mn}_{\mu} = e^{m}_{\varkappa}\,\Gamma^{\varkappa}_{\mu\nu}\,e^{\nu n} - \left(\partial_{\mu}e^{m}_{\nu}\right)e^{\nu n}$$

$$\omega^{m}_{\mu n}\,e^{n}_{\nu} = e^{m}_{\varkappa}\,\Gamma^{\varkappa}_{\mu\nu} - \partial_{\mu}\,e^{m}_{\nu}\ \text{GSW/227}$$

$$\omega^{m}_{\mu k} = \omega^{m}_{\mu n}\,\delta^{n}_{k} = \omega^{m}_{\mu n}\,e^{n}_{\nu}\,e^{\nu}_{k} = e^{m}_{\varkappa}\,\Gamma^{\varkappa}_{\mu\nu}\,e^{\nu}_{k} - \left(\partial_{\mu}e^{m}_{\nu}\right)e^{\nu}_{k}$$

$$\text{LHS} = \omega^{m}_{\mu k}\,\eta^{kn} = e^{m}_{\varkappa}\,\Gamma^{\varkappa}_{\mu\nu}\,e^{\nu}_{k}\,\eta^{kn} - \left(\partial_{\mu}e^{m}_{\nu}\right)e^{\nu}_{k}\,\eta^{kn} = \text{RHS}$$

$$R^{mn}_{\mu\nu} = \partial_{\mu}\,\omega^{mn}_{\nu} - \partial_{\nu}\,\omega^{mn}_{\mu} + \overbrace{\omega_{\mu} \bigstar \omega_{\nu}}^{mn}$$

$$R = R^{mn}_{\mu\nu}\,e^{\mu}_{m}\,e^{\nu}_{n}\,R^{mn}_{\mu\nu}$$

$$R + i\,\bar{\Psi}_{\mu}\,\Gamma^{\mu\nu\varrho}\,D_{\nu}\,\Psi_{\varrho}$$