Polar $\delta G_{\mu\nu}$ SVT

Metric

$$h_{00} = -2\phi$$

$$h_{0i} = \nabla_i B + B_i$$

$$h_{ij} = -2\psi + 2\nabla_i\nabla_j E + \nabla_i E_j + \nabla_j E_i + 2E_{ij}$$

Conditions

$$\nabla^i E_{i1} = \frac{2\,E_{11}}{r} + \frac{\text{Cot}[\theta]\,E_{12}}{r^2} - \frac{E_{22}}{r^3} - \frac{\text{Csc}[\theta]^2\,E_{33}}{r^3} + \partial_1 E_{11} + \frac{\partial_2 E_{12}}{r^2} + \frac{\text{Csc}[\theta]^2\,\partial_3 E_{13}}{r^2} = 0$$

$$\nabla^i E_{i2} = \frac{2\,E_{12}}{r} + \frac{\text{Cot}[\theta]\,E_{22}}{r^2} - \frac{\text{Cot}[\theta]\,\text{Csc}[\theta]^2\,E_{33}}{r^2} + \partial_1 E_{21} + \frac{\partial_2 E_{22}}{r^2} + \frac{\text{Csc}[\theta]^2\,\partial_3 E_{23}}{r^2} = 0$$

$$\nabla^i E_{i3} = \frac{2\,E_{13}}{r} + \frac{\text{Cot}[\theta]\,E_{23}}{r^2} + \partial_1 E_{31} + \frac{\partial_2 E_{23}}{r^2} + \frac{\text{Csc}[\theta]^2\,\partial_3 E_{33}}{r^2} = 0$$

$$\nabla^i E_i = \frac{2\,E_1}{r} + \frac{\text{Cot}[\theta]\,E_2}{r^2} + \partial_1 E_1 + \frac{\partial_2 E_2}{r^2} + \frac{\text{Csc}[\theta]^2\,\partial_3 E_3}{r^2} = 0$$

$$g_{\text{polar}}{}^{\mu\nu} E_{\mu\nu} = E_{11} + \frac{E_{22}}{r^2} + \frac{\text{Csc}[\theta]^2\,E_{33}}{r^2} = 0$$

Scalar Laplacian

$$\nabla^2 = \frac{2\,\partial_1}{r} + \partial_1\partial_1 + \frac{\text{Cot}[\theta]\,\partial_2}{r^2} + \frac{\partial_2\partial_2}{r^2} + \frac{\text{Csc}[\theta]^2\,\partial_3\partial_3}{r^2}$$

$\delta G_{\mu\nu}$ Ω=1

Simplified Laplacian:

00	$(-2\,\nabla^2\,\psi) + (0) + (0)$
11	$(-\nabla^2\,\phi + \nabla^2\,\psi - \nabla^2\,\partial_0 B + \nabla^2\,\partial_0\partial_0 E - 2\,\partial_0\partial_0\psi + \partial_1\partial_1\phi - \partial_1\partial_1\psi + \partial_1\partial_1\partial_0 B - \partial_1\partial_1\partial_0\partial_0 E) + (\partial_1\partial_0 B_1 - \partial_1\partial_0\partial_0 E_1) + (-\frac{4\,E_{11}}{r^2} + \nabla^2\,E_{11} - \frac{4\,\mathrm{Cot}[\theta]\,E_{12}}{r^3} + \frac{2\,E_{22}}{r^4} + \frac{2\,\mathrm{Csc}[\theta]^2\,E_{33}}{r^4} - \partial_0\partial_0 E_{11} - \frac{4\,\partial_2 E_{12}}{r^3} - \frac{4\,\mathrm{Csc}[\theta]^2\,\partial_3 E_{13}}{r^3})$
22	$(-r^2\,\nabla^2\,\phi + r^2\,\nabla^2\,\psi - r^2\,\nabla^2\,\partial_0 B + r^2\,\nabla^2\,\partial_0\partial_0 E - 2\,r^2\,\partial_0\partial_0\psi + r\,\partial_1\phi - r\,\partial_1\psi + r\,\partial_1\partial_0 B - r\,\partial_1\partial_0\partial_0 E + \partial_2\partial_2\phi - \partial_2\partial_2\psi + \partial_2\partial_2\partial_0 B - \partial_2\partial_2\partial_0\partial_0 E) + (r\,\partial_0 B_1 - r\,\partial_0\partial_0 E_1 + \partial_2\partial_0 B_2 - \partial_2\partial_0\partial_0 E_2) + (2\,E_{11} - \frac{2\,\mathrm{Cot}[\theta]^2\,E_{22}}{r^2} + \nabla^2\,E_{22} + \frac{2\,\mathrm{Cot}[\theta]^2\,\mathrm{Csc}[\theta]^2\,E_{33}}{r^2} - \partial_0\partial_0 E_{22} - \frac{4\,\partial_1 E_{22}}{r} + \frac{4\,\partial_2 E_{12}}{r} - \frac{4\,\mathrm{Cot}[\theta]\,\mathrm{Csc}[\theta]^2\,\partial_3 E_{23}}{r^2})$
33	$(-r^2\,\mathrm{Sin}[\theta]^2\,\nabla^2\,\phi + r^2\,\mathrm{Sin}[\theta]^2\,\nabla^2\,\psi - r^2\,\mathrm{Sin}[\theta]^2\,\nabla^2\,\partial_0 B + r^2\,\mathrm{Sin}[\theta]^2\,\nabla^2\,\partial_0\partial_0 E - 2\,r^2\,\mathrm{Sin}[\theta]^2\,\partial_0\partial_0\psi + r\,\mathrm{Sin}[\theta]^2\,\partial_1\phi - r\,\mathrm{Sin}[\theta]^2\,\partial_1\psi + r\,\mathrm{Sin}[\theta]^2\,\partial_1\partial_0 B - r\,\mathrm{Sin}[\theta]^2\,\partial_1\partial_0\partial_0 E + \mathrm{Cos}[\theta]\,\mathrm{Sin}[\theta]\,\partial_2\phi - \mathrm{Cos}[\theta]\,\mathrm{Sin}[\theta]\,\partial_2\psi + \mathrm{Cos}[\theta]\,\mathrm{Sin}[\theta]\,\partial_2\partial_0 B - \mathrm{Cos}[\theta]\,\mathrm{Sin}[\theta]\,\partial_2\partial_0\partial_0 E + \partial_3\partial_3\phi - \partial_3\partial_3\psi + \partial_3\partial_3\partial_0 B - \partial_3\partial_3\partial_0\partial_0 E) + (r\,\mathrm{Sin}[\theta]^2\,\partial_0 B_1 + \mathrm{Cos}[\theta]\,\mathrm{Sin}[\theta]\,\partial_0 B_2 - r\,\mathrm{Sin}[\theta]^2\,\partial_0\partial_0 E_1 - \mathrm{Cos}[\theta]\,\mathrm{Sin}[\theta]\,\partial_0\partial_0 E_2 + \partial_3\partial_0 B_3 - \partial_3\partial_0\partial_0 E_3) + (2\,\mathrm{Sin}[\theta]^2\,E_{11} + \frac{4\,\mathrm{Cos}[\theta]\,\mathrm{Sin}[\theta]\,E_{12}}{r} + \frac{2\,\mathrm{Cos}[\theta]^2\,E_{22}}{r^2} + \frac{2\,\mathrm{Csc}[\theta]^2\,E_{33}}{r^2} + \nabla^2\,E_{33} - \partial_0\partial_0 E_{33} - \frac{4\,\partial_1 E_{33}}{r} - \frac{4\,\mathrm{Cot}[\theta]\,\partial_2 E_{33}}{r^2} + \frac{4\,\partial_3 E_{13}}{r} + \frac{4\,\mathrm{Cot}[\theta]\,\partial_3 E_{23}}{r^2})$
01	$(-2\,\partial_1\partial_0\psi) + (-\frac{B_1}{r^2} + \frac{\nabla^2\,B_1}{2} - \frac{\mathrm{Cot}[\theta]\,B_2}{r^3} + \frac{\partial_0 E_1}{r^2} - \frac{1}{2}\,\nabla^2\,\partial_0 E_1 + \frac{\mathrm{Cot}[\theta]\,\partial_0 E_2}{r^3} - \frac{\partial_2 B_2}{r^3} + \frac{\partial_2\partial_0 E_2}{r^3} - \frac{\mathrm{Csc}[\theta]^2\,\partial_3 B_3}{r^3} + \frac{\mathrm{Csc}[\theta]^2\,\partial_3\partial_0 E_3}{r^3}) + (0)$
02	$(-2\,\partial_2\partial_0\psi) + (-\frac{\mathrm{Csc}[\theta]^2\,B_2}{2\,r^2} + \frac{\nabla^2\,B_2}{2} + \frac{\mathrm{Csc}[\theta]^2\,\partial_0 E_2}{2\,r^2} - \frac{1}{2}\,\nabla^2\,\partial_0 E_2 - \frac{\partial_1 B_2}{r} + \frac{\partial_1\partial_0 E_2}{r} + \frac{\partial_2 B_1}{r} - \frac{\partial_2\partial_0 E_1}{r} - \frac{\mathrm{Cot}[\theta]\,\mathrm{Csc}[\theta]^2\,\partial_3 B_3}{r^2} + \frac{\mathrm{Cot}[\theta]\,\mathrm{Csc}[\theta]^2\,\partial_3\partial_0 E_3}{r^2}) + (0)$
03	$(-2\,\partial_3\partial_0\psi) + (\frac{\nabla^2\,B_3}{2} - \frac{1}{2}\,\nabla^2\,\partial_0 E_3 - \frac{\partial_1 B_3}{r} + \frac{\partial_1\partial_0 E_3}{r} - \frac{\mathrm{Cot}[\theta]\,\partial_2 B_3}{r^2} + \frac{\mathrm{Cot}[\theta]\,\partial_2\partial_0 E_3}{r^2} + \frac{\partial_3 B_1}{r} + \frac{\mathrm{Cot}[\theta]\,\partial_3 B_2}{r^2} - \frac{\partial_3\partial_0 E_1}{r} - \frac{\mathrm{Cot}[\theta]\,\partial_3\partial_0 E_2}{r^2}) + (0)$
12	$(-\frac{\partial_2\phi}{r} + \frac{\partial_2\psi}{r} - \frac{\partial_2\partial_0 B}{r} + \frac{\partial_2\partial_0\partial_0 E}{r} + \partial_2\partial_1\phi - \partial_2\partial_1\psi + \partial_2\partial_1\partial_0 B - \partial_2\partial_1\partial_0\partial_0 E) + (-\frac{\partial_0 B_2}{r} + \frac{\partial_0\partial_0 E_2}{r} + \frac{1}{2}\,\partial_1\partial_0 B_2 - \frac{1}{2}\,\partial_1\partial_0\partial_0 E_2 + \frac{1}{2}\,\partial_2\partial_0 B_1 - \frac{1}{2}\,\partial_2\partial_0\partial_0 E_1) + (-\frac{4\,E_{12}}{r^2} - \frac{\mathrm{Csc}[\theta]^2\,E_{12}}{r^2} + \nabla^2\,E_{12} - \frac{2\,\mathrm{Cot}[\theta]\,E_{22}}{r^3} + \frac{2\,\mathrm{Cot}[\theta]\,\mathrm{Csc}[\theta]^2\,E_{33}}{r^3} - \partial_0\partial_0 E_{12} - \frac{2\,\partial_1 E_{12}}{r} + \frac{2\,\partial_2 E_{11}}{r} - \frac{2\,\partial_2 E_{22}}{r^3} - \frac{2\,\mathrm{Cot}[\theta]\,\mathrm{Csc}[\theta]^2\,\partial_3 E_{13}}{r^2} - \frac{2\,\mathrm{Csc}[\theta]^2\,\partial_3 E_{23}}{r^3})$
13	$(-\frac{\partial_3\phi}{r} + \frac{\partial_3\psi}{r} - \frac{\partial_3\partial_0 B}{r} + \frac{\partial_3\partial_0\partial_0 E}{r} + \partial_3\partial_1\phi - \partial_3\partial_1\psi + \partial_3\partial_1\partial_0 B - \partial_3\partial_1\partial_0\partial_0 E) + (-\frac{\partial_0 B_3}{r} + \frac{\partial_0\partial_0 E_3}{r} + \frac{1}{2}\,\partial_1\partial_0 B_3 - \frac{1}{2}\,\partial_1\partial_0\partial_0 E_3 + \frac{1}{2}\,\partial_3\partial_0 B_1 - \frac{1}{2}\,\partial_3\partial_0\partial_0 E_1) + (-\frac{4\,E_{13}}{r^2} + \nabla^2\,E_{13} - \frac{2\,\mathrm{Cot}[\theta]\,E_{23}}{r^3} - \partial_0\partial_0 E_{13} - \frac{2\,\partial_1 E_{13}}{r} - \frac{2\,\mathrm{Cot}[\theta]\,\partial_2 E_{13}}{r^2} - \frac{2\,\partial_2 E_{23}}{r^3} + \frac{2\,\partial_3 E_{11}}{r} + \frac{2\,\mathrm{Cot}[\theta]\,\partial_3 E_{12}}{r^2} - \frac{2\,\mathrm{Csc}[\theta]^2\,\partial_3 E_{33}}{r^3})$
23	$(-\mathrm{Cot}[\theta]\,\partial_3\phi + \mathrm{Cot}[\theta]\,\partial_3\psi - \mathrm{Cot}[\theta]\,\partial_3\partial_0 B + \mathrm{Cot}[\theta]\,\partial_3\partial_0\partial_0 E + \partial_3\partial_2\phi - \partial_3\partial_2\psi + \partial_3\partial_2\partial_0 B - \partial_3\partial_2\partial_0\partial_0 E) + (-\mathrm{Cot}[\theta]\,\partial_0 B_3 + \mathrm{Cot}[\theta]\,\partial_0\partial_0 E_3 + \frac{1}{2}\,\partial_2\partial_0 B_3 - \frac{1}{2}\,\partial_2\partial_0\partial_0 E_3 + \frac{1}{2}\,\partial_3\partial_0 B_2 - \frac{1}{2}\,\partial_3\partial_0\partial_0 E_2) + (-\frac{4\,\mathrm{Cot}[\theta]\,E_{13}}{r} + \frac{4\,E_{23}}{r^2} - \frac{3\,\mathrm{Csc}[\theta]^2\,E_{23}}{r^2} + \nabla^2\,E_{23} - \partial_0\partial_0 E_{23} - \frac{4\,\partial_1 E_{23}}{r} + \frac{2\,\partial_2 E_{13}}{r} - \frac{2\,\mathrm{Cot}[\theta]\,\partial_2 E_{23}}{r^2} + \frac{2\,\partial_3 E_{12}}{r} + \frac{2\,\mathrm{Cot}[\theta]\,\partial_3 E_{22}}{r^2} - \frac{2\,\mathrm{Cot}[\theta]\,\mathrm{Csc}[\theta]^2\,\partial_3 E_{33}}{r^2})$

$\delta G_{\mu\nu}\,\Omega{=}1$

Non-simplified:

00	$(-\frac{4\,\partial_1\psi}{r} - 2\,\partial_1\partial_1\psi - \frac{2\,\mathrm{Cot}[\theta]\,\partial_2\psi}{r^2} - \frac{2\,\partial_2\partial_2\psi}{r^2} - \frac{2\,\mathrm{Csc}[\theta]^2\,\partial_3\partial_3\psi}{r^2}) + (0) + (0)$
11	$(-2\,\partial_0\partial_0\psi - \frac{2\,\partial_1\phi}{r} + \frac{2\,\partial_1\psi}{r} - \frac{2\,\partial_1\partial_0 B}{r} + \frac{2\,\partial_1\partial_0\partial_0 E}{r} - \frac{\mathrm{Cot}[\theta]\,\partial_2\phi}{r^2} + \frac{\mathrm{Cot}[\theta]\,\partial_2\psi}{r^2} - \frac{\mathrm{Cot}[\theta]\,\partial_2\partial_0 B}{r^2} + \frac{\mathrm{Cot}[\theta]\,\partial_2\partial_0\partial_0 E}{r^2} - \frac{\partial_2\partial_2\phi}{r^2} + \frac{\partial_2\partial_2\psi}{r^2} - \frac{\partial_2\partial_2\partial_0 B}{r^2} + \frac{\partial_2\partial_2\partial_0\partial_0 E}{r^2} - \frac{\mathrm{Csc}[\theta]^2\,\partial_3\partial_3\phi}{r^2} + \frac{\mathrm{Csc}[\theta]^2\,\partial_3\partial_3\psi}{r^2} - \frac{\mathrm{Csc}[\theta]^2\,\partial_3\partial_3\partial_0 B}{r^2} + \frac{\mathrm{Csc}[\theta]^2\,\partial_3\partial_3\partial_0\partial_0 E}{r^2}) + (\partial_1\partial_0 B_1 - \partial_1\partial_0\partial_0 E_1) + (-\frac{4\,E_{11}}{r^2} - \frac{4\,\mathrm{Cot}[\theta]\,E_{12}}{r^3} + \frac{2\,E_{22}}{r^4} + \frac{2\,\mathrm{Csc}[\theta]^2\,E_{33}}{r^4} - \partial_0\partial_0 E_{11} + \frac{2\,\partial_1 E_{11}}{r} + \partial_1\partial_1 E_{11} + \frac{\mathrm{Cot}[\theta]\,\partial_2 E_{11}}{r^2} - \frac{4\,\partial_2 E_{12}}{r^3} + \frac{\partial_2\partial_2 E_{11}}{r^2} - \frac{4\,\mathrm{Csc}[\theta]^2\,\partial_3 E_{13}}{r^3} + \frac{\mathrm{Csc}[\theta]^2\,\partial_3\partial_3 E_{11}}{r^2})$

22	$(-2\,r^2\,\partial_0\partial_0\psi - r\,\partial_1\phi + r\,\partial_1\psi - r\,\partial_1\partial_0 B + r\,\partial_1\partial_0\partial_0 E - r^2\,\partial_1\partial_1\phi + r^2\,\partial_1\partial_1\psi - r^2\,\partial_1\partial_1\partial_0 B + r^2\,\partial_1\partial_1\partial_0\partial_0 E - \cot[\theta]\,\partial_2\phi + \cot[\theta]\,\partial_2\psi - \cot[\theta]\,\partial_2\partial_0 B + \cot[\theta]\,\partial_2\partial_0\partial_0 E - \csc[\theta]^2\,\partial_3\partial_3\phi + \csc[\theta]^2\,\partial_3\partial_3\psi - \csc[\theta]^2\,\partial_3\partial_3\partial_0 B + \csc[\theta]^2\,\partial_3\partial_3\partial_0\partial_0 E) + (r\,\partial_0 B_1 - r\,\partial_0\partial_0 E_1 + \partial_2\partial_0 B_2 - \partial_2\partial_0\partial_0 E_2) + (2\,E_{11} - \frac{2\cot[\theta]^2 E_{22}}{r^2} + \frac{2\cot[\theta]^2\csc[\theta]^2 E_{33}}{r^2} - \partial_0\partial_0 E_{22} - \frac{2\,\partial_1 E_{22}}{r} + \partial_1\partial_1 E_{22} + \frac{4\,\partial_2 E_{12}}{r} + \frac{\cot[\theta]\,\partial_2 E_{22}}{r^2} + \frac{\partial_2\partial_2 E_{22}}{r^2} - \frac{4\cot[\theta]\csc[\theta]^2\,\partial_3 E_{23}}{r^2} + \frac{\csc[\theta]^2\,\partial_3\partial_3 E_{22}}{r^2})$
33	$(-2\,r^2\sin[\theta]^2\,\partial_0\partial_0\psi - r\sin[\theta]^2\,\partial_1\phi + r\sin[\theta]^2\,\partial_1\psi - r\sin[\theta]^2\,\partial_1\partial_0 B + r\sin[\theta]^2\,\partial_1\partial_0\partial_0 E - r^2\sin[\theta]^2\,\partial_1\partial_1\phi + r^2\sin[\theta]^2\,\partial_1\partial_1\psi - r^2\sin[\theta]^2\,\partial_1\partial_1\partial_0 B + r^2\sin[\theta]^2\,\partial_1\partial_1\partial_0\partial_0 E - \sin[\theta]^2\,\partial_2\partial_2\phi + \sin[\theta]^2\,\partial_2\partial_2\psi - \sin[\theta]^2\,\partial_2\partial_2\partial_0 B + \sin[\theta]^2\,\partial_2\partial_2\partial_0\partial_0 E) + (r\sin[\theta]^2\,\partial_0 B_1 + \cos[\theta]\sin[\theta]\,\partial_0 B_2 - r\sin[\theta]^2\,\partial_0\partial_0 E_1 - \cos[\theta]\sin[\theta]\,\partial_0\partial_0 E_2 + \partial_3\partial_0 B_3 - \partial_3\partial_0\partial_0 E_3) + (2\sin[\theta]^2\,E_{11} + \frac{4\cos[\theta]\sin[\theta]\,E_{12}}{r} + \frac{2\cos[\theta]^2 E_{22}}{r^2} + \frac{2\csc[\theta]^2 E_{33}}{r^2} - \partial_0\partial_0 E_{33} - \frac{2\,\partial_1 E_{33}}{r} + \partial_1\partial_1 E_{33} - \frac{3\cot[\theta]\,\partial_2 E_{33}}{r^2} + \frac{\partial_2\partial_2 E_{33}}{r^2} + \frac{4\,\partial_3 E_{13}}{r} + \frac{4\cot[\theta]\,\partial_3 E_{23}}{r^2} + \frac{\csc[\theta]^2\,\partial_3\partial_3 E_{33}}{r^2})$
01	$(-2\,\partial_1\partial_0\psi) + (-\frac{B_1}{r^2} - \frac{\cot[\theta]\,B_2}{r^3} + \frac{\partial_0 E_1}{r^2} + \frac{\cot[\theta]\,\partial_0 E_2}{r^3} + \frac{\partial_1 B_1}{r} - \frac{\partial_1\partial_0 E_1}{r} + \frac{1}{2}\,\partial_1\partial_1 B_1 - \frac{1}{2}\,\partial_1\partial_1\partial_0 E_1 + \frac{\cot[\theta]\,\partial_2 B_1}{2\,r^2} - \frac{\partial_2 B_2}{r^3} - \frac{\cot[\theta]\,\partial_2\partial_0 E_1}{2\,r^2} + \frac{\partial_2\partial_0 E_2}{r^3} + \frac{\partial_2\partial_2 B_1}{2\,r^2} - \frac{\partial_2\partial_2\partial_0 E_1}{2\,r^2} - \frac{\csc[\theta]^2\,\partial_3 B_3}{r^3} + \frac{\csc[\theta]^2\,\partial_3\partial_0 E_3}{r^3} + \frac{\csc[\theta]^2\,\partial_3\partial_3 B_1}{2\,r^2} - \frac{\csc[\theta]^2\,\partial_3\partial_3\partial_0 E_1}{2\,r^2}) + (0)$
02	$(-2\,\partial_2\partial_0\psi) + (-\frac{\csc[\theta]^2 B_2}{2\,r^2} + \frac{\csc[\theta]^2\,\partial_0 E_2}{2\,r^2} + \frac{1}{2}\,\partial_1\partial_1 B_2 - \frac{1}{2}\,\partial_1\partial_1\partial_0 E_2 + \frac{\partial_2 B_1}{r} + \frac{\cot[\theta]\,\partial_2 B_2}{2\,r^2} - \frac{\partial_2\partial_0 E_1}{r} - \frac{\cot[\theta]\,\partial_2\partial_0 E_2}{2\,r^2} + \frac{\partial_2\partial_2 B_2}{2\,r^2} - \frac{\partial_2\partial_2\partial_0 E_2}{2\,r^2} - \frac{\cot[\theta]\csc[\theta]^2\,\partial_3 B_3}{r^2} + \frac{\cot[\theta]\csc[\theta]^2\,\partial_3\partial_0 E_3}{r^2} + \frac{\csc[\theta]^2\,\partial_3\partial_3 B_2}{2\,r^2} - \frac{\csc[\theta]^2\,\partial_3\partial_3\partial_0 E_2}{2\,r^2}) + (0)$
03	$(-2\,\partial_3\partial_0\psi) + (\frac{1}{2}\,\partial_1\partial_1 B_3 - \frac{1}{2}\,\partial_1\partial_1\partial_0 E_3 - \frac{\cot[\theta]\,\partial_2 B_3}{2\,r^2} + \frac{\cot[\theta]\,\partial_2\partial_0 E_3}{2\,r^2} + \frac{\partial_2\partial_2 B_3}{2\,r^2} - \frac{\partial_2\partial_2\partial_0 E_3}{2\,r^2} + \frac{\partial_3 B_1}{r} + \frac{\cot[\theta]\,\partial_3 B_2}{r^2} - \frac{\partial_3\partial_0 E_1}{r} - \frac{\cot[\theta]\,\partial_3\partial_0 E_2}{r^2} + \frac{\csc[\theta]^2\,\partial_3\partial_3 B_3}{2\,r^2} - \frac{\csc[\theta]^2\,\partial_3\partial_3\partial_0 E_3}{2\,r^2}) + (0)$
12	$(-\frac{\partial_2\phi}{r} + \frac{\partial_2\psi}{r} - \frac{\partial_2\partial_0 B}{r} + \frac{\partial_2\partial_0\partial_0 E}{r} + \partial_2\partial_1\phi - \partial_2\partial_1\psi + \partial_2\partial_1\partial_0 B - \partial_2\partial_1\partial_0\partial_0 E) + (-\frac{\partial_0 B_2}{r} + \frac{\partial_0\partial_0 E_2}{r} + \frac{1}{2}\,\partial_1\partial_0 B_2 - \frac{1}{2}\,\partial_1\partial_0\partial_0 E_2 + \frac{1}{2}\,\partial_2\partial_0 B_1 - \frac{1}{2}\,\partial_2\partial_0\partial_0 E_1) + (-\frac{4\,E_{12}}{r^2} - \frac{\csc[\theta]^2 E_{12}}{r^2} - \frac{2\cot[\theta]\,E_{22}}{r^3} + \frac{2\cot[\theta]\csc[\theta]^2 E_{33}}{r^3} - \partial_0\partial_0 E_{12} + \partial_1\partial_1 E_{12} + \frac{2\,\partial_2 E_{11}}{r} + \frac{\cot[\theta]\,\partial_2 E_{12}}{r^2} - \frac{2\,\partial_2 E_{22}}{r^3} + \frac{\partial_2\partial_2 E_{12}}{r^2} - \frac{2\cot[\theta]\csc[\theta]^2\,\partial_3 E_{13}}{r^2} - \frac{2\csc[\theta]^2\,\partial_3 E_{23}}{r^3} + \frac{\csc[\theta]^2\,\partial_3\partial_3 E_{12}}{r^2})$
13	$(-\frac{\partial_3\phi}{r} + \frac{\partial_3\psi}{r} - \frac{\partial_3\partial_0 B}{r} + \frac{\partial_3\partial_0\partial_0 E}{r} + \partial_3\partial_1\phi - \partial_3\partial_1\psi + \partial_3\partial_1\partial_0 B - \partial_3\partial_1\partial_0\partial_0 E) + (-\frac{\partial_0 B_3}{r} + \frac{\partial_0\partial_0 E_3}{r} + \frac{1}{2}\,\partial_1\partial_0 B_3 - \frac{1}{2}\,\partial_1\partial_0\partial_0 E_3 + \frac{1}{2}\,\partial_3\partial_0 B_1 - \frac{1}{2}\,\partial_3\partial_0\partial_0 E_1) + (-\frac{4\,E_{13}}{r^2} - \frac{2\cot[\theta]\,E_{23}}{r^3} - \partial_0\partial_0 E_{13} + \partial_1\partial_1 E_{13} - \frac{\cot[\theta]\,\partial_2 E_{13}}{r^2} - \frac{2\,\partial_2 E_{23}}{r^3} + \frac{\partial_2\partial_2 E_{13}}{r^2} + \frac{2\,\partial_3 E_{11}}{r} + \frac{2\cot[\theta]\,\partial_3 E_{12}}{r^2} - \frac{2\csc[\theta]^2\,\partial_3 E_{33}}{r^3} + \frac{\csc[\theta]^2\,\partial_3\partial_3 E_{13}}{r^2})$
23	$(-\cot[\theta]\,\partial_3\phi + \cot[\theta]\,\partial_3\psi - \cot[\theta]\,\partial_3\partial_0 B + \cot[\theta]\,\partial_3\partial_0\partial_0 E + \partial_3\partial_2\phi - \partial_3\partial_2\psi + \partial_3\partial_2\partial_0 B - \partial_3\partial_2\partial_0\partial_0 E) + (-\cot[\theta]\,\partial_0 B_3 + \cot[\theta]\,\partial_0\partial_0 E_3 + \frac{1}{2}\,\partial_2\partial_0 B_3 - \frac{1}{2}\,\partial_2\partial_0\partial_0 E_3 + \frac{1}{2}\,\partial_3\partial_0 B_2 - \frac{1}{2}\,\partial_3\partial_0\partial_0 E_2) + (-\frac{4\cot[\theta]\,E_{13}}{r} + \frac{4\,E_{23}}{r^2} - \frac{3\csc[\theta]^2 E_{23}}{r^2} - \partial_0\partial_0 E_{23} - \frac{2\,\partial_1 E_{23}}{r} + \partial_1\partial_1 E_{23} + \frac{2\,\partial_2 E_{13}}{r} - \frac{\cot[\theta]\,\partial_2 E_{23}}{r^2} + \frac{\partial_2\partial_2 E_{23}}{r^2} + \frac{2\,\partial_3 E_{12}}{r} + \frac{2\cot[\theta]\,\partial_3 E_{22}}{r^2} - \frac{2\cot[\theta]\csc[\theta]^2\,\partial_3 E_{33}}{r^2} + \frac{\csc[\theta]^2\,\partial_3\partial_3 E_{23}}{r^2})$