$(\delta G)^{\mu}{}_{\nu}$

Before SVT

00	$-\frac{\partial_1\partial_1 h_{00}}{2\,\Omega[t]^2}+\frac{\partial_1\partial_1 h_{11}}{2\,\Omega[t]^2}-\frac{\partial_1\partial_1 h}{2\,\Omega[t]^2}+\frac{\partial_2\partial_1 h_{12}}{\Omega[t]^2}-\frac{\partial_2\partial_2 h_{00}}{2\,\Omega[t]^2}+\frac{\partial_2\partial_2 h_{22}}{2\,\Omega[t]^2}-\frac{\partial_2\partial_2 h}{2\,\Omega[t]^2}+\frac{\partial_3\partial_1 h_{13}}{\Omega[t]^2}+\frac{\partial_3\partial_2 h_{23}}{\Omega[t]^2}-\frac{\partial_3\partial_3 h_{00}}{2\,\Omega[t]^2}+$ $\frac{\partial_3\partial_3 h_{33}}{2\,\Omega[t]^2}-\frac{\partial_3\partial_3 h}{2\,\Omega[t]^2}+\frac{\partial_0 h_{00}\,\Omega'[t]}{\Omega[t]^3}+\frac{\partial_0 h\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_1 h_{01}\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_2 h_{02}\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_3 h_{03}\,\Omega'[t]}{\Omega[t]^3}+\frac{3\,h_{00}\,\Omega'[t]^2}{\Omega[t]^4}$
11	$\frac{\partial_0\partial_0 h_{00}}{2\,\Omega[t]^2}-\frac{\partial_0\partial_0 h_{11}}{2\,\Omega[t]^2}+\frac{\partial_0\partial_0 h}{2\,\Omega[t]^2}-\frac{\partial_2\partial_0 h_{02}}{\Omega[t]^2}+\frac{\partial_2\partial_2 h_{11}}{2\,\Omega[t]^2}+\frac{\partial_2\partial_2 h_{22}}{2\,\Omega[t]^2}-$ $\frac{\partial_2\partial_2 h}{2\,\Omega[t]^2}-\frac{\partial_3\partial_0 h_{03}}{\Omega[t]^2}+\frac{\partial_3\partial_2 h_{23}}{\Omega[t]^2}+\frac{\partial_3\partial_3 h_{11}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_3 h_{33}}{2\,\Omega[t]^2}-\frac{\partial_3\partial_3 h}{2\,\Omega[t]^2}+\frac{2\,\partial_0 h_{00}\,\Omega'[t]}{\Omega[t]^3}-$ $\frac{\partial_0 h_{11}\,\Omega'[t]}{\Omega[t]^3}+\frac{\partial_0 h\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_2 h_{02}\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_3 h_{03}\,\Omega'[t]}{\Omega[t]^3}-\frac{h_{00}\,\Omega'[t]^2}{\Omega[t]^4}+\frac{2\,h_{00}\,\Omega''[t]}{\Omega[t]^3}$
22	$\frac{\partial_0\partial_0 h_{00}}{2\,\Omega[t]^2}-\frac{\partial_0\partial_0 h_{22}}{2\,\Omega[t]^2}+\frac{\partial_0\partial_0 h}{2\,\Omega[t]^2}-\frac{\partial_1\partial_0 h_{01}}{\Omega[t]^2}+\frac{\partial_1\partial_1 h_{11}}{2\,\Omega[t]^2}+\frac{\partial_1\partial_1 h_{22}}{2\,\Omega[t]^2}-$ $\frac{\partial_1\partial_1 h}{2\,\Omega[t]^2}-\frac{\partial_3\partial_0 h_{03}}{\Omega[t]^2}+\frac{\partial_3\partial_1 h_{13}}{\Omega[t]^2}+\frac{\partial_3\partial_3 h_{22}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_3 h_{33}}{2\,\Omega[t]^2}-\frac{\partial_3\partial_3 h}{2\,\Omega[t]^2}+\frac{2\,\partial_0 h_{00}\,\Omega'[t]}{\Omega[t]^3}-$ $\frac{\partial_0 h_{22}\,\Omega'[t]}{\Omega[t]^3}+\frac{\partial_0 h\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_1 h_{01}\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_3 h_{03}\,\Omega'[t]}{\Omega[t]^3}-\frac{h_{00}\,\Omega'[t]^2}{\Omega[t]^4}+\frac{2\,h_{00}\,\Omega''[t]}{\Omega[t]^3}$
33	$\frac{\partial_0\partial_0 h_{00}}{2\,\Omega[t]^2}-\frac{\partial_0\partial_0 h_{33}}{2\,\Omega[t]^2}+\frac{\partial_0\partial_0 h}{2\,\Omega[t]^2}-\frac{\partial_1\partial_0 h_{01}}{\Omega[t]^2}+\frac{\partial_1\partial_1 h_{11}}{2\,\Omega[t]^2}+\frac{\partial_1\partial_1 h_{33}}{2\,\Omega[t]^2}-$ $\frac{\partial_1\partial_1 h}{2\,\Omega[t]^2}-\frac{\partial_2\partial_0 h_{02}}{\Omega[t]^2}+\frac{\partial_2\partial_1 h_{12}}{\Omega[t]^2}+\frac{\partial_2\partial_2 h_{22}}{2\,\Omega[t]^2}+\frac{\partial_2\partial_2 h_{33}}{2\,\Omega[t]^2}-\frac{\partial_2\partial_2 h}{2\,\Omega[t]^2}+\frac{2\,\partial_0 h_{00}\,\Omega'[t]}{\Omega[t]^3}-$ $\frac{\partial_0 h_{33}\,\Omega'[t]}{\Omega[t]^3}+\frac{\partial_0 h\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_1 h_{01}\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_2 h_{02}\,\Omega'[t]}{\Omega[t]^3}-\frac{h_{00}\,\Omega'[t]^2}{\Omega[t]^4}+\frac{2\,h_{00}\,\Omega''[t]}{\Omega[t]^3}$
01	$-\frac{\partial_1\partial_0 h_{00}}{2\,\Omega[t]^2}+\frac{\partial_1\partial_0 h_{11}}{2\,\Omega[t]^2}-\frac{\partial_1\partial_0 h}{2\,\Omega[t]^2}+\frac{\partial_2\partial_0 h_{12}}{2\,\Omega[t]^2}+\frac{\partial_2\partial_1 h_{02}}{2\,\Omega[t]^2}-\frac{\partial_2\partial_2 h_{01}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_0 h_{13}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_1 h_{03}}{2\,\Omega[t]^2}-\frac{\partial_3\partial_3 h_{01}}{2\,\Omega[t]^2}-\frac{\partial_1 h_{00}\,\Omega'[t]}{\Omega[t]^3}$
02	$\frac{\partial_1\partial_0 h_{12}}{2\,\Omega[t]^2}-\frac{\partial_1\partial_1 h_{02}}{2\,\Omega[t]^2}-\frac{\partial_2\partial_0 h_{00}}{2\,\Omega[t]^2}+\frac{\partial_2\partial_0 h_{22}}{2\,\Omega[t]^2}-\frac{\partial_2\partial_0 h}{2\,\Omega[t]^2}+\frac{\partial_2\partial_1 h_{01}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_0 h_{23}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_2 h_{03}}{2\,\Omega[t]^2}-\frac{\partial_3\partial_3 h_{02}}{2\,\Omega[t]^2}-\frac{\partial_2 h_{00}\,\Omega'[t]}{\Omega[t]^3}$
03	$\frac{\partial_1\partial_0 h_{13}}{2\,\Omega[t]^2}-\frac{\partial_1\partial_1 h_{03}}{2\,\Omega[t]^2}+\frac{\partial_2\partial_0 h_{23}}{2\,\Omega[t]^2}-\frac{\partial_2\partial_2 h_{03}}{2\,\Omega[t]^2}-\frac{\partial_3\partial_0 h_{00}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_0 h_{33}}{2\,\Omega[t]^2}-\frac{\partial_3\partial_0 h}{2\,\Omega[t]^2}+\frac{\partial_3\partial_1 h_{01}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_2 h_{02}}{2\,\Omega[t]^2}-\frac{\partial_3 h_{00}\,\Omega'[t]}{\Omega[t]^3}$
12	$-\frac{\partial_0\partial_0 h_{12}}{2\,\Omega[t]^2}+\frac{\partial_1\partial_0 h_{02}}{2\,\Omega[t]^2}+\frac{\partial_2\partial_0 h_{01}}{2\,\Omega[t]^2}-\frac{\partial_2\partial_1 h_{11}}{2\,\Omega[t]^2}-\frac{\partial_2\partial_1 h_{22}}{2\,\Omega[t]^2}+\frac{\partial_2\partial_1 h}{2\,\Omega[t]^2}-$ $\frac{\partial_3\partial_1 h_{23}}{2\,\Omega[t]^2}-\frac{\partial_3\partial_2 h_{13}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_3 h_{12}}{2\,\Omega[t]^2}-\frac{\partial_0 h_{12}\,\Omega'[t]}{\Omega[t]^3}+\frac{\partial_1 h_{02}\,\Omega'[t]}{\Omega[t]^3}+\frac{\partial_2 h_{01}\,\Omega'[t]}{\Omega[t]^3}$
13	$-\frac{\partial_0\partial_0 h_{13}}{2\,\Omega[t]^2}+\frac{\partial_1\partial_0 h_{03}}{2\,\Omega[t]^2}-\frac{\partial_2\partial_1 h_{23}}{2\,\Omega[t]^2}+\frac{\partial_2\partial_2 h_{13}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_0 h_{01}}{2\,\Omega[t]^2}-\frac{\partial_3\partial_1 h_{11}}{2\,\Omega[t]^2}-$ $\frac{\partial_3\partial_1 h_{33}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_1 h}{2\,\Omega[t]^2}-\frac{\partial_3\partial_2 h_{12}}{2\,\Omega[t]^2}-\frac{\partial_0 h_{13}\,\Omega'[t]}{\Omega[t]^3}+\frac{\partial_1 h_{03}\,\Omega'[t]}{\Omega[t]^3}+\frac{\partial_3 h_{01}\,\Omega'[t]}{\Omega[t]^3}$
23	$-\frac{\partial_0\partial_0 h_{23}}{2\,\Omega[t]^2}+\frac{\partial_1\partial_1 h_{23}}{2\,\Omega[t]^2}+\frac{\partial_2\partial_0 h_{03}}{2\,\Omega[t]^2}-\frac{\partial_2\partial_1 h_{13}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_0 h_{02}}{2\,\Omega[t]^2}-\frac{\partial_3\partial_1 h_{12}}{2\,\Omega[t]^2}-$ $\frac{\partial_3\partial_2 h_{22}}{2\,\Omega[t]^2}-\frac{\partial_3\partial_2 h_{33}}{2\,\Omega[t]^2}+\frac{\partial_3\partial_2 h}{2\,\Omega[t]^2}-\frac{\partial_0 h_{23}\,\Omega'[t]}{\Omega[t]^3}+\frac{\partial_2 h_{03}\,\Omega'[t]}{\Omega[t]^3}+\frac{\partial_3 h_{02}\,\Omega'[t]}{\Omega[t]^3}$

Same metric as given in Ellis, apart from the factor of 2 onto the tensor component E_{ij}

00	$\frac{2\,\partial_1\partial_1\psi}{\Omega[t]^2}+\frac{2\,\partial_2\partial_2\psi}{\Omega[t]^2}+\frac{2\,\partial_3\partial_3\psi}{\Omega[t]^2}-\frac{6\,\partial_0\psi\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_1\partial_1 B\,\Omega'[t]}{\Omega[t]^3}+$ $\frac{2\,\partial_1\partial_1\partial_0 E\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_2\partial_2 B\,\Omega'[t]}{\Omega[t]^3}+\frac{2\,\partial_2\partial_2\partial_0 E\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_3\partial_3 B\,\Omega'[t]}{\Omega[t]^3}+\frac{2\,\partial_3\partial_3\partial_0 E\,\Omega'[t]}{\Omega[t]^3}-\frac{6\,\phi\,\Omega'[t]^2}{\Omega[t]^4}$
11	$-\frac{\partial_0\partial_0 E_{11}}{\Omega[t]^2}-\frac{2\,\partial_0\partial_0\psi}{\Omega[t]^2}-\frac{\partial_1\partial_0 B_1}{\Omega[t]^2}-\frac{\partial_1\partial_0\partial_0 E_1}{\Omega[t]^2}+\frac{\partial_1\partial_1 E_{11}}{\Omega[t]^2}+\frac{\partial_2\partial_2 E_{11}}{\Omega[t]^2}-\frac{\partial_2\partial_2\phi}{\Omega[t]^2}+\frac{\partial_2\partial_2\psi}{\Omega[t]^2}-\frac{\partial_2\partial_2\partial_0 B}{\Omega[t]^2}+\frac{\partial_2\partial_2\partial_0\partial_0 E}{\Omega[t]^2}+$ $\frac{\partial_3\partial_3 E_{11}}{\Omega[t]^2}-\frac{\partial_3\partial_3\phi}{\Omega[t]^2}+\frac{\partial_3\partial_3\psi}{\Omega[t]^2}-\frac{\partial_3\partial_3\partial_0 B}{\Omega[t]^2}+\frac{\partial_3\partial_3\partial_0\partial_0 E}{\Omega[t]^2}-\frac{2\,\partial_0 E_{11}\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_0\phi\,\Omega'[t]}{\Omega[t]^3}-\frac{4\,\partial_0\psi\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_1 B_1\,\Omega'[t]}{\Omega[t]^3}-$ $\frac{2\,\partial_1\partial_0 E_1\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_2\partial_2 B\,\Omega'[t]}{\Omega[t]^3}+\frac{2\,\partial_2\partial_2\partial_0 E\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_3\partial_3 B\,\Omega'[t]}{\Omega[t]^3}+\frac{2\,\partial_3\partial_3\partial_0 E\,\Omega'[t]}{\Omega[t]^3}+\frac{2\,\phi\,\Omega'[t]^2}{\Omega[t]^4}-\frac{4\,\phi\,\Omega''[t]}{\Omega[t]^3}$
22	$-\frac{\partial_0\partial_0 E_{22}}{\Omega[t]^2}-\frac{2\,\partial_0\partial_0\psi}{\Omega[t]^2}+\frac{\partial_1\partial_1 E_{22}}{\Omega[t]^2}-\frac{\partial_1\partial_1\phi}{\Omega[t]^2}+\frac{\partial_1\partial_1\psi}{\Omega[t]^2}-\frac{\partial_1\partial_1\partial_0 B}{\Omega[t]^2}+\frac{\partial_1\partial_1\partial_0\partial_0 E}{\Omega[t]^2}-\frac{\partial_2\partial_0 B_2}{\Omega[t]^2}-\frac{\partial_2\partial_0\partial_0 E_2}{\Omega[t]^2}+\frac{\partial_2\partial_2 E_{22}}{\Omega[t]^2}+$ $\frac{\partial_3\partial_3 E_{22}}{\Omega[t]^2}-\frac{\partial_3\partial_3\phi}{\Omega[t]^2}+\frac{\partial_3\partial_3\psi}{\Omega[t]^2}-\frac{\partial_3\partial_3\partial_0 B}{\Omega[t]^2}+\frac{\partial_3\partial_3\partial_0\partial_0 E}{\Omega[t]^2}-\frac{2\,\partial_0 E_{22}\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_0\phi\,\Omega'[t]}{\Omega[t]^3}-\frac{4\,\partial_0\psi\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_1\partial_1 B\,\Omega'[t]}{\Omega[t]^3}+$ $\frac{2\,\partial_1\partial_1\partial_0 E\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_2 B_2\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_2\partial_0 E_2\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_3\partial_3 B\,\Omega'[t]}{\Omega[t]^3}+\frac{2\,\partial_3\partial_3\partial_0 E\,\Omega'[t]}{\Omega[t]^3}+\frac{2\,\phi\,\Omega'[t]^2}{\Omega[t]^4}-\frac{4\,\phi\,\Omega''[t]}{\Omega[t]^3}$
33	$-\frac{\partial_0\partial_0 E_{33}}{\Omega[t]^2}-\frac{2\,\partial_0\partial_0\psi}{\Omega[t]^2}+\frac{\partial_1\partial_1 E_{33}}{\Omega[t]^2}-\frac{\partial_1\partial_1\phi}{\Omega[t]^2}+\frac{\partial_1\partial_1\psi}{\Omega[t]^2}-\frac{\partial_1\partial_1\partial_0 B}{\Omega[t]^2}+\frac{\partial_1\partial_1\partial_0\partial_0 E}{\Omega[t]^2}+\frac{\partial_2\partial_2 E_{33}}{\Omega[t]^2}-\frac{\partial_2\partial_2\phi}{\Omega[t]^2}+\frac{\partial_2\partial_2\psi}{\Omega[t]^2}-\frac{\partial_2\partial_2\partial_0 B}{\Omega[t]^2}+$ $\frac{\partial_2\partial_2\partial_0\partial_0 E}{\Omega[t]^2}-\frac{\partial_3\partial_0 B_3}{\Omega[t]^2}-\frac{\partial_3\partial_0\partial_0 E_3}{\Omega[t]^2}+\frac{\partial_3\partial_3 E_{33}}{\Omega[t]^2}-\frac{2\,\partial_0 E_{33}\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_0\phi\,\Omega'[t]}{\Omega[t]^3}-\frac{4\,\partial_0\psi\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_1\partial_1 B\,\Omega'[t]}{\Omega[t]^3}+$ $\frac{2\,\partial_1\partial_1\partial_0 E\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_2\partial_2 B\,\Omega'[t]}{\Omega[t]^3}+\frac{2\,\partial_2\partial_2\partial_0 E\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_3 B_3\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_3\partial_0 E_3\,\Omega'[t]}{\Omega[t]^3}+\frac{2\,\phi\,\Omega'[t]^2}{\Omega[t]^4}-\frac{4\,\phi\,\Omega''[t]}{\Omega[t]^3}$
01	$\frac{2\,\partial_1\partial_0\psi}{\Omega[t]^2}+\frac{\partial_1\partial_1 B_1}{2\,\Omega[t]^2}+\frac{\partial_1\partial_1\partial_0 E_1}{2\,\Omega[t]^2}+\frac{\partial_2\partial_2 B_1}{2\,\Omega[t]^2}+\frac{\partial_2\partial_2\partial_0 E_1}{2\,\Omega[t]^2}+\frac{\partial_3\partial_3 B_1}{2\,\Omega[t]^2}+\frac{\partial_3\partial_3\partial_0 E_1}{2\,\Omega[t]^2}+\frac{2\,\partial_1\phi\,\Omega'[t]}{\Omega[t]^3}$
02	$\frac{\partial_1\partial_1 B_2}{2\,\Omega[t]^2}+\frac{\partial_1\partial_1\partial_0 E_2}{2\,\Omega[t]^2}+\frac{2\,\partial_2\partial_0\psi}{\Omega[t]^2}+\frac{\partial_2\partial_2 B_2}{2\,\Omega[t]^2}+\frac{\partial_2\partial_2\partial_0 E_2}{2\,\Omega[t]^2}+\frac{\partial_3\partial_3 B_2}{2\,\Omega[t]^2}+\frac{\partial_3\partial_3\partial_0 E_2}{2\,\Omega[t]^2}+\frac{2\,\partial_2\phi\,\Omega'[t]}{\Omega[t]^3}$
03	$\frac{\partial_1\partial_1 B_3}{2\,\Omega[t]^2}+\frac{\partial_1\partial_1\partial_0 E_3}{2\,\Omega[t]^2}+\frac{\partial_2\partial_2 B_3}{2\,\Omega[t]^2}+\frac{\partial_2\partial_2\partial_0 E_3}{2\,\Omega[t]^2}+\frac{2\,\partial_3\partial_0\psi}{\Omega[t]^2}+\frac{\partial_3\partial_3 B_3}{2\,\Omega[t]^2}+\frac{\partial_3\partial_3\partial_0 E_3}{2\,\Omega[t]^2}+\frac{2\,\partial_3\phi\,\Omega'[t]}{\Omega[t]^3}$
12	$-\frac{\partial_0\partial_0 E_{12}}{\Omega[t]^2}-\frac{\partial_1\partial_0 B_2}{2\,\Omega[t]^2}-\frac{\partial_1\partial_0\partial_0 E_2}{2\,\Omega[t]^2}+\frac{\partial_1\partial_1 E_{12}}{\Omega[t]^2}-\frac{\partial_2\partial_0 B_1}{2\,\Omega[t]^2}-\frac{\partial_2\partial_0\partial_0 E_1}{2\,\Omega[t]^2}+\frac{\partial_2\partial_1\phi}{\Omega[t]^2}-\frac{\partial_2\partial_1\psi}{\Omega[t]^2}+\frac{\partial_2\partial_1\partial_0 B}{\Omega[t]^2}-\frac{\partial_2\partial_1\partial_0\partial_0 E}{\Omega[t]^2}+\frac{\partial_2\partial_2 E_{12}}{\Omega[t]^2}+$ $\frac{\partial_3\partial_3 E_{12}}{\Omega[t]^2}-\frac{2\,\partial_0 E_{12}\,\Omega'[t]}{\Omega[t]^3}-\frac{\partial_1 B_2\,\Omega'[t]}{\Omega[t]^3}-\frac{\partial_1\partial_0 E_2\,\Omega'[t]}{\Omega[t]^3}-\frac{\partial_2 B_1\,\Omega'[t]}{\Omega[t]^3}-\frac{\partial_2\partial_0 E_1\,\Omega'[t]}{\Omega[t]^3}+\frac{2\,\partial_2\partial_1 B\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_2\partial_1\partial_0 E\,\Omega'[t]}{\Omega[t]^3}$
13	$-\frac{\partial_0\partial_0 E_{13}}{\Omega[t]^2}-\frac{\partial_1\partial_0 B_3}{2\,\Omega[t]^2}-\frac{\partial_1\partial_0\partial_0 E_3}{2\,\Omega[t]^2}+\frac{\partial_1\partial_1 E_{13}}{\Omega[t]^2}+\frac{\partial_2\partial_2 E_{13}}{\Omega[t]^2}-\frac{\partial_3\partial_0 B_1}{2\,\Omega[t]^2}-\frac{\partial_3\partial_0\partial_0 E_1}{2\,\Omega[t]^2}+\frac{\partial_3\partial_1\phi}{\Omega[t]^2}-\frac{\partial_3\partial_1\psi}{\Omega[t]^2}+\frac{\partial_3\partial_1\partial_0 B}{\Omega[t]^2}-\frac{\partial_3\partial_1\partial_0\partial_0 E}{\Omega[t]^2}+$ $\frac{\partial_3\partial_3 E_{13}}{\Omega[t]^2}-\frac{2\,\partial_0 E_{13}\,\Omega'[t]}{\Omega[t]^3}-\frac{\partial_1 B_3\,\Omega'[t]}{\Omega[t]^3}-\frac{\partial_1\partial_0 E_3\,\Omega'[t]}{\Omega[t]^3}-\frac{\partial_3 B_1\,\Omega'[t]}{\Omega[t]^3}-\frac{\partial_3\partial_0 E_1\,\Omega'[t]}{\Omega[t]^3}+\frac{2\,\partial_3\partial_1 B\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_3\partial_1\partial_0 E\,\Omega'[t]}{\Omega[t]^3}$
23	$-\frac{\partial_0\partial_0 E_{23}}{\Omega[t]^2}+\frac{\partial_1\partial_1 E_{23}}{\Omega[t]^2}-\frac{\partial_2\partial_0 B_3}{2\,\Omega[t]^2}-\frac{\partial_2\partial_0\partial_0 E_3}{2\,\Omega[t]^2}+\frac{\partial_2\partial_2 E_{23}}{\Omega[t]^2}-\frac{\partial_3\partial_0 B_2}{2\,\Omega[t]^2}-\frac{\partial_3\partial_0\partial_0 E_2}{2\,\Omega[t]^2}+\frac{\partial_3\partial_2\phi}{\Omega[t]^2}-\frac{\partial_3\partial_2\psi}{\Omega[t]^2}+\frac{\partial_3\partial_2\partial_0 B}{\Omega[t]^2}-\frac{\partial_3\partial_2\partial_0\partial_0 E}{\Omega[t]^2}+$ $\frac{\partial_3\partial_3 E_{23}}{\Omega[t]^2}-\frac{2\,\partial_0 E_{23}\,\Omega'[t]}{\Omega[t]^3}-\frac{\partial_2 B_3\,\Omega'[t]}{\Omega[t]^3}-\frac{\partial_2\partial_0 E_3\,\Omega'[t]}{\Omega[t]^3}-\frac{\partial_3 B_2\,\Omega'[t]}{\Omega[t]^3}-\frac{\partial_3\partial_0 E_2\,\Omega'[t]}{\Omega[t]^3}+\frac{2\,\partial_3\partial_2 B\,\Omega'[t]}{\Omega[t]^3}-\frac{2\,\partial_3\partial_2\partial_0 E\,\Omega'[t]}{\Omega[t]^3}$

$\delta G_{\mu\nu}$

00	$-2\,\partial_1\partial_1\psi - 2\,\partial_2\partial_2\psi - 2\,\partial_3\partial_3\psi + \frac{6\,\partial_0\psi\,\Omega'[t]}{\Omega[t]} + \frac{2\,\partial_1\partial_1 B\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_1\partial_1\partial_0 E\,\Omega'[t]}{\Omega[t]} + \frac{2\,\partial_2\partial_2 B\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_2\partial_2\partial_0 E\,\Omega'[t]}{\Omega[t]} + \frac{2\,\partial_3\partial_3 B\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_3\partial_3\partial_0 E\,\Omega'[t]}{\Omega[t]}$
11	$-\partial_0\partial_0 E_{11} - 2\,\partial_0\partial_0\psi - \partial_1\partial_0 B_1 - \partial_1\partial_0\partial_0 E_1 + \partial_1\partial_1 E_{11} + \partial_2\partial_2 E_{11} - \partial_2\partial_2\phi + \partial_2\partial_2\psi - \partial_2\partial_2\partial_0 B + \partial_2\partial_2\partial_0\partial_0 E + \partial_3\partial_3 E_{11} - \partial_3\partial_3\phi + \partial_3\partial_3\psi - \partial_3\partial_3\partial_0 B + \partial_3\partial_3\partial_0\partial_0 E - \frac{2\,\partial_0 E_{11}\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_0\phi\,\Omega'[t]}{\Omega[t]} - \frac{4\,\partial_0\psi\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_1 B_1\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_1\partial_0 E_1\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_2\partial_2 B\,\Omega'[t]}{\Omega[t]} + \frac{2\,\partial_2\partial_2\partial_0 E\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_3\partial_3 B\,\Omega'[t]}{\Omega[t]} + \frac{2\,\partial_3\partial_3\partial_0 E\,\Omega'[t]}{\Omega[t]} - \frac{2\,E_{11}\,\Omega'[t]^2}{\Omega[t]^2} + \frac{2\,\phi\,\Omega'[t]^2}{\Omega[t]^2} + \frac{2\,\psi\,\Omega'[t]^2}{\Omega[t]^2} - \frac{2\,\partial_1 E_1\,\Omega'[t]^2}{\Omega[t]^2} - \frac{2\,\partial_1\partial_1 E\,\Omega'[t]^2}{\Omega[t]^2} + \frac{4\,E_{11}\,\Omega''[t]}{\Omega[t]} - \frac{4\,\phi\,\Omega''[t]}{\Omega[t]} - \frac{4\,\psi\,\Omega''[t]}{\Omega[t]} + \frac{4\,\partial_1 E_1\,\Omega''[t]}{\Omega[t]} + \frac{4\,\partial_1\partial_1 E\,\Omega''[t]}{\Omega[t]}$
22	$-\partial_0\partial_0 E_{22} - 2\,\partial_0\partial_0\psi + \partial_1\partial_1 E_{22} - \partial_1\partial_1\phi + \partial_1\partial_1\psi - \partial_1\partial_1\partial_0 B + \partial_1\partial_1\partial_0\partial_0 E - \partial_2\partial_0 B_2 - \partial_2\partial_0\partial_0 E_2 + \partial_2\partial_2 E_{22} + \partial_3\partial_3 E_{22} - \partial_3\partial_3\phi + \partial_3\partial_3\psi - \partial_3\partial_3\partial_0 B + \partial_3\partial_3\partial_0\partial_0 E - \frac{2\,\partial_0 E_{22}\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_0\phi\,\Omega'[t]}{\Omega[t]} - \frac{4\,\partial_0\psi\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_1\partial_1 B\,\Omega'[t]}{\Omega[t]} + \frac{2\,\partial_1\partial_1\partial_0 E\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_2 B_2\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_2\partial_0 E_2\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_3\partial_3 B\,\Omega'[t]}{\Omega[t]} + \frac{2\,\partial_3\partial_3\partial_0 E\,\Omega'[t]}{\Omega[t]} - \frac{2\,E_{22}\,\Omega'[t]^2}{\Omega[t]^2} + \frac{2\,\phi\,\Omega'[t]^2}{\Omega[t]^2} + \frac{2\,\psi\,\Omega'[t]^2}{\Omega[t]^2} - \frac{2\,\partial_2 E_2\,\Omega'[t]^2}{\Omega[t]^2} - \frac{2\,\partial_2\partial_2 E\,\Omega'[t]^2}{\Omega[t]^2} + \frac{4\,E_{22}\,\Omega''[t]}{\Omega[t]} - \frac{4\,\phi\,\Omega''[t]}{\Omega[t]} - \frac{4\,\psi\,\Omega''[t]}{\Omega[t]} + \frac{4\,\partial_2 E_2\,\Omega''[t]}{\Omega[t]} + \frac{4\,\partial_2\partial_2 E\,\Omega''[t]}{\Omega[t]}$
33	$-\partial_0\partial_0 E_{33} - 2\,\partial_0\partial_0\psi + \partial_1\partial_1 E_{33} - \partial_1\partial_1\phi + \partial_1\partial_1\psi - \partial_1\partial_1\partial_0 B + \partial_1\partial_1\partial_0\partial_0 E + \partial_2\partial_2 E_{33} - \partial_2\partial_2\phi + \partial_2\partial_2\psi - \partial_2\partial_2\partial_0 B + \partial_2\partial_2\partial_0\partial_0 E - \partial_3\partial_0 B_3 - \partial_3\partial_0\partial_0 E_3 + \partial_3\partial_3 E_{33} - \frac{2\,\partial_0 E_{33}\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_0\phi\,\Omega'[t]}{\Omega[t]} - \frac{4\,\partial_0\psi\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_1\partial_1 B\,\Omega'[t]}{\Omega[t]} + \frac{2\,\partial_1\partial_1\partial_0 E\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_2\partial_2 B\,\Omega'[t]}{\Omega[t]} + \frac{2\,\partial_2\partial_2\partial_0 E\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_3 B_3\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_3\partial_0 E_3\,\Omega'[t]}{\Omega[t]} - \frac{2\,E_{33}\,\Omega'[t]^2}{\Omega[t]^2} + \frac{2\,\phi\,\Omega'[t]^2}{\Omega[t]^2} + \frac{2\,\psi\,\Omega'[t]^2}{\Omega[t]^2} - \frac{2\,\partial_3 E_3\,\Omega'[t]^2}{\Omega[t]^2} - \frac{2\,\partial_3\partial_3 E\,\Omega'[t]^2}{\Omega[t]^2} + \frac{4\,E_{33}\,\Omega''[t]}{\Omega[t]} - \frac{4\,\phi\,\Omega''[t]}{\Omega[t]} - \frac{4\,\psi\,\Omega''[t]}{\Omega[t]} + \frac{4\,\partial_3 E_3\,\Omega''[t]}{\Omega[t]} + \frac{4\,\partial_3\partial_3 E\,\Omega''[t]}{\Omega[t]}$
01	$-2\,\partial_1\partial_0\psi - \frac{1}{2}\,\partial_1\partial_1 B_1 - \frac{1}{2}\,\partial_1\partial_1\partial_0 E_1 - \frac{1}{2}\,\partial_2\partial_2 B_1 - \frac{1}{2}\,\partial_2\partial_2\partial_0 E_1 - \frac{1}{2}\,\partial_3\partial_3 B_1 - \frac{1}{2}\,\partial_3\partial_3\partial_0 E_1 - \frac{2\,\partial_1\phi\,\Omega'[t]}{\Omega[t]} + \frac{B_1\,\Omega'[t]^2}{\Omega[t]^2} - \frac{\partial_1 B\,\Omega'[t]^2}{\Omega[t]^2} - \frac{2\,B_1\,\Omega''[t]}{\Omega[t]} + \frac{2\,\partial_1 B\,\Omega''[t]}{\Omega[t]}$
02	$-\frac{1}{2}\,\partial_1\partial_1 B_2 - \frac{1}{2}\,\partial_1\partial_1\partial_0 E_2 - 2\,\partial_2\partial_0\psi - \frac{1}{2}\,\partial_2\partial_2 B_2 - \frac{1}{2}\,\partial_2\partial_2\partial_0 E_2 - \frac{1}{2}\,\partial_3\partial_3 B_2 - \frac{1}{2}\,\partial_3\partial_3\partial_0 E_2 - \frac{2\,\partial_2\phi\,\Omega'[t]}{\Omega[t]} + \frac{B_2\,\Omega'[t]^2}{\Omega[t]^2} - \frac{\partial_2 B\,\Omega'[t]^2}{\Omega[t]^2} - \frac{2\,B_2\,\Omega''[t]}{\Omega[t]} + \frac{2\,\partial_2 B\,\Omega''[t]}{\Omega[t]}$
03	$-\frac{1}{2}\,\partial_1\partial_1 B_3 - \frac{1}{2}\,\partial_1\partial_1\partial_0 E_3 - \frac{1}{2}\,\partial_2\partial_2 B_3 - \frac{1}{2}\,\partial_2\partial_2\partial_0 E_3 - 2\,\partial_3\partial_0\psi - \frac{1}{2}\,\partial_3\partial_3 B_3 - \frac{1}{2}\,\partial_3\partial_3\partial_0 E_3 - \frac{2\,\partial_3\phi\,\Omega'[t]}{\Omega[t]} + \frac{B_3\,\Omega'[t]^2}{\Omega[t]^2} - \frac{\partial_3 B\,\Omega'[t]^2}{\Omega[t]^2} - \frac{2\,B_3\,\Omega''[t]}{\Omega[t]} + \frac{2\,\partial_3 B\,\Omega''[t]}{\Omega[t]}$
12	$-\partial_0\partial_0 E_{12} - \frac{1}{2}\,\partial_1\partial_0 B_2 - \frac{1}{2}\,\partial_1\partial_0\partial_0 E_2 + \partial_1\partial_1 E_{12} - \frac{1}{2}\,\partial_2\partial_0 B_1 - \frac{1}{2}\,\partial_2\partial_0\partial_0 E_1 + \partial_2\partial_1\phi - \partial_2\partial_1\psi + \partial_2\partial_1\partial_0 B - \partial_2\partial_1\partial_0\partial_0 E + \partial_2\partial_2 E_{12} + \partial_3\partial_3 E_{12} - \frac{2\,\partial_0 E_{12}\,\Omega'[t]}{\Omega[t]} - \frac{\partial_1 B_2\,\Omega'[t]}{\Omega[t]} - \frac{\partial_1\partial_0 E_2\,\Omega'[t]}{\Omega[t]} - \frac{\partial_2 B_1\,\Omega'[t]}{\Omega[t]} - \frac{\partial_2\partial_0 E_1\,\Omega'[t]}{\Omega[t]} + \frac{2\,\partial_2\partial_1 B\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_2\partial_1\partial_0 E\,\Omega'[t]}{\Omega[t]} - \frac{2\,E_{12}\,\Omega'[t]^2}{\Omega[t]^2} - \frac{\partial_1 E_2\,\Omega'[t]^2}{\Omega[t]^2} - \frac{\partial_2 E_1\,\Omega'[t]^2}{\Omega[t]^2} - \frac{2\,\partial_2\partial_1 E\,\Omega'[t]^2}{\Omega[t]^2} + \frac{4\,E_{12}\,\Omega''[t]}{\Omega[t]} + \frac{2\,\partial_1 E_2\,\Omega''[t]}{\Omega[t]} + \frac{2\,\partial_2 E_1\,\Omega''[t]}{\Omega[t]} + \frac{4\,\partial_2\partial_1 E\,\Omega''[t]}{\Omega[t]}$
13	$-\partial_0\partial_0 E_{13} - \frac{1}{2}\,\partial_1\partial_0 B_3 - \frac{1}{2}\,\partial_1\partial_0\partial_0 E_3 + \partial_1\partial_1 E_{13} + \partial_2\partial_2 E_{13} - \frac{1}{2}\,\partial_3\partial_0 B_1 - \frac{1}{2}\,\partial_3\partial_0\partial_0 E_1 + \partial_3\partial_1\phi - \partial_3\partial_1\psi + \partial_3\partial_1\partial_0 B - \partial_3\partial_1\partial_0\partial_0 E + \partial_3\partial_3 E_{13} - \frac{2\,\partial_0 E_{13}\,\Omega'[t]}{\Omega[t]} - \frac{\partial_1 B_3\,\Omega'[t]}{\Omega[t]} - \frac{\partial_1\partial_0 E_3\,\Omega'[t]}{\Omega[t]} - \frac{\partial_3 B_1\,\Omega'[t]}{\Omega[t]} - \frac{\partial_3\partial_0 E_1\,\Omega'[t]}{\Omega[t]} + \frac{2\,\partial_3\partial_1 B\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_3\partial_1\partial_0 E\,\Omega'[t]}{\Omega[t]} - \frac{2\,E_{13}\,\Omega'[t]^2}{\Omega[t]^2} - \frac{\partial_1 E_3\,\Omega'[t]^2}{\Omega[t]^2} - \frac{\partial_3 E_1\,\Omega'[t]^2}{\Omega[t]^2} - \frac{2\,\partial_3\partial_1 E\,\Omega'[t]^2}{\Omega[t]^2} + \frac{4\,E_{13}\,\Omega''[t]}{\Omega[t]} + \frac{2\,\partial_1 E_3\,\Omega''[t]}{\Omega[t]} + \frac{2\,\partial_3 E_1\,\Omega''[t]}{\Omega[t]} + \frac{4\,\partial_3\partial_1 E\,\Omega''[t]}{\Omega[t]}$
23	$-\partial_0\partial_0 E_{23} + \partial_1\partial_1 E_{23} - \frac{1}{2}\,\partial_2\partial_0 B_3 - \frac{1}{2}\,\partial_2\partial_0\partial_0 E_3 + \partial_2\partial_2 E_{23} - \frac{1}{2}\,\partial_3\partial_0 B_2 - \frac{1}{2}\,\partial_3\partial_0\partial_0 E_2 + \partial_3\partial_2\phi - \partial_3\partial_2\psi + \partial_3\partial_2\partial_0 B - \partial_3\partial_2\partial_0\partial_0 E + \partial_3\partial_3 E_{23} - \frac{2\,\partial_0 E_{23}\,\Omega'[t]}{\Omega[t]} - \frac{\partial_2 B_3\,\Omega'[t]}{\Omega[t]} - \frac{\partial_2\partial_0 E_3\,\Omega'[t]}{\Omega[t]} - \frac{\partial_3 B_2\,\Omega'[t]}{\Omega[t]} - \frac{\partial_3\partial_0 E_2\,\Omega'[t]}{\Omega[t]} + \frac{2\,\partial_3\partial_2 B\,\Omega'[t]}{\Omega[t]} - \frac{2\,\partial_3\partial_2\partial_0 E\,\Omega'[t]}{\Omega[t]} - \frac{2\,E_{23}\,\Omega'[t]^2}{\Omega[t]^2} - \frac{\partial_2 E_3\,\Omega'[t]^2}{\Omega[t]^2} - \frac{\partial_3 E_2\,\Omega'[t]^2}{\Omega[t]^2} - \frac{2\,\partial_3\partial_2 E\,\Omega'[t]^2}{\Omega[t]^2} + \frac{4\,E_{23}\,\Omega''[t]}{\Omega[t]} + \frac{2\,\partial_2 E_3\,\Omega''[t]}{\Omega[t]} + \frac{2\,\partial_3 E_2\,\Omega''[t]}{\Omega[t]} + \frac{4\,\partial_3\partial_2 E\,\Omega''[t]}{\Omega[t]}$