

$\delta(G^\mu_\nu)$

00	$\Omega^{-2} \left[ -6 \frac{\Omega'}{\Omega} \partial_\theta \psi + 2 \nabla^2 \psi - 6 \left( \frac{\Omega'}{\Omega} \right)^2 \phi - 2 \frac{\Omega'}{\Omega} \nabla^2 (\mathbf{B} - \partial_\theta \mathbf{E}) \right]$
11	$\Omega^{-2} \left[ -2 \partial_\theta \partial_\theta \psi - 2 \frac{\Omega'}{\Omega} \partial_\theta (\phi + 2\psi + \mathbf{E}_{11}) + 2 \left[ \left( \frac{\Omega'}{\Omega} \right)^2 - 2 \frac{\Omega''}{\Omega} \right] \phi - (\nabla^2 - \partial_1 \partial_1) (\phi - \psi + \partial_\theta \mathbf{B} - \partial_\theta \partial_\theta \mathbf{E}) \right. \\ \left. - 2 \frac{\Omega'}{\Omega} (\nabla^2 - \partial_1 \partial_1) (\mathbf{B} - \partial_\theta \mathbf{E}) - (\partial_1 \partial_\theta + 2 \frac{\Omega'}{\Omega} \partial_1) (\mathbf{B}_1 + \partial_\theta \mathbf{E}_1) + \square \mathbf{E}_{11} \right]$
22	$\Omega^{-2} \left[ -2 \partial_\theta \partial_\theta \psi - 2 \frac{\Omega'}{\Omega} \partial_\theta (\phi + 2\psi + \mathbf{E}_{22}) + 2 \left[ \left( \frac{\Omega'}{\Omega} \right)^2 - 2 \frac{\Omega''}{\Omega} \right] \phi - (\nabla^2 - \partial_2 \partial_2) (\phi - \psi + \partial_\theta \mathbf{B} - \partial_\theta \partial_\theta \mathbf{E}) \right. \\ \left. - 2 \frac{\Omega'}{\Omega} (\nabla^2 - \partial_2 \partial_2) (\mathbf{B} - \partial_\theta \mathbf{E}) - (\partial_2 \partial_\theta + 2 \frac{\Omega'}{\Omega} \partial_2) (\mathbf{B}_2 + \partial_\theta \mathbf{E}_2) + \square \mathbf{E}_{22} \right]$
33	$\Omega^{-2} \left[ -2 \partial_\theta \partial_\theta \psi - 2 \frac{\Omega'}{\Omega} \partial_\theta (\phi + 2\psi + \mathbf{E}_{33}) + 2 \left[ \left( \frac{\Omega'}{\Omega} \right)^2 - 2 \frac{\Omega''}{\Omega} \right] \phi - (\nabla^2 - \partial_3 \partial_3) (\phi - \psi + \partial_\theta \mathbf{B} - \partial_\theta \partial_\theta \mathbf{E}) \right. \\ \left. - 2 \frac{\Omega'}{\Omega} (\nabla^2 - \partial_3 \partial_3) (\mathbf{B} - \partial_\theta \mathbf{E}) - (\partial_3 \partial_\theta + 2 \frac{\Omega'}{\Omega} \partial_3) (\mathbf{B}_3 + \partial_\theta \mathbf{E}_3) + \square \mathbf{E}_{33} \right]$
01	$\Omega^{-2} \left[ 2 \partial_1 \partial_\theta \psi + 2 \frac{\Omega'}{\Omega} \partial_1 \phi + \frac{1}{2} \nabla^2 (\mathbf{B}_1 + \partial_\theta \mathbf{E}_1) \right]$
02	$\Omega^{-2} \left[ 2 \partial_2 \partial_\theta \psi + 2 \frac{\Omega'}{\Omega} \partial_2 \phi + \frac{1}{2} \nabla^2 (\mathbf{B}_2 + \partial_\theta \mathbf{E}_2) \right]$
03	$\Omega^{-2} \left[ 2 \partial_3 \partial_\theta \psi + 2 \frac{\Omega'}{\Omega} \partial_3 \phi + \frac{1}{2} \nabla^2 (\mathbf{B}_3 + \partial_\theta \mathbf{E}_3) \right]$
12	$\Omega^{-2} \left[ \partial_1 \partial_2 (\phi - \psi + \partial_\theta \mathbf{B} - \partial_\theta \partial_\theta \mathbf{E}) - \left( \frac{1}{2} \partial_\theta + \frac{\Omega'}{\Omega} \right) (\partial_1 \mathbf{B}_2 + \partial_1 \partial_\theta \mathbf{E}_2 + \partial_2 \mathbf{B}_1 - \partial_2 \partial_\theta \mathbf{E}_1) + 2 \frac{\Omega'}{\Omega} (\partial_1 \partial_2 \mathbf{B} - \partial_1 \partial_2 \partial_\theta \mathbf{E} - \partial_\theta \mathbf{E}_{12}) + \square \mathbf{E}_{12} \right]$
13	$\Omega^{-2} \left[ \partial_1 \partial_3 (\phi - \psi + \partial_\theta \mathbf{B} - \partial_\theta \partial_\theta \mathbf{E}) - \left( \frac{1}{2} \partial_\theta + \frac{\Omega'}{\Omega} \right) (\partial_1 \mathbf{B}_3 + \partial_1 \partial_\theta \mathbf{E}_3 + \partial_3 \mathbf{B}_1 - \partial_3 \partial_\theta \mathbf{E}_1) + 2 \frac{\Omega'}{\Omega} (\partial_1 \partial_3 \mathbf{B} - \partial_1 \partial_3 \partial_\theta \mathbf{E} - \partial_\theta \mathbf{E}_{13}) + \square \mathbf{E}_{13} \right]$
23	$\Omega^{-2} \left[ \partial_2 \partial_3 (\phi - \psi + \partial_\theta \mathbf{B} - \partial_\theta \partial_\theta \mathbf{E}) - \left( \frac{1}{2} \partial_\theta + \frac{\Omega'}{\Omega} \right) (\partial_2 \mathbf{B}_3 + \partial_2 \partial_\theta \mathbf{E}_3 + \partial_3 \mathbf{B}_2 - \partial_3 \partial_\theta \mathbf{E}_2) + 2 \frac{\Omega'}{\Omega} (\partial_2 \partial_3 \mathbf{B} - \partial_2 \partial_3 \partial_\theta \mathbf{E} - \partial_\theta \mathbf{E}_{23}) + \square \mathbf{E}_{23} \right]$