

Bergs/24

$${}^{zx}\check{E} = \frac{{}^z E^\mu \mid {}^z k^{-1} {}^\mu A^0}{0 \mid {}^z k^{-1}}$$

$${}_{\mu\nu}{}^{zx}\check{g} = {}^z g_{\mu\nu} - {}^z k^{-2} {}^\mu A^0 {}^\nu A^0: \quad {}_{x\mu}{}^{zx}\check{g} = -{}^z k^{-2} {}^\mu A^0: \quad {}_{xx}{}^{zx}\check{g} = -{}^z k^{-2}$$

$${}_{\mu\nu}{}^{zx}\check{B}^i = {}^\mu B^i + \varepsilon^{ij} {}^\mu A^0 \times {}^\nu A^j: \quad {}_{x\mu}{}^{zx}\check{B}^i = \varepsilon^{ij} {}^\mu A^j$$

$$\frac{2}{3} {}_{\mu\nu\rho\sigma}{}^{zx}\check{D} = {}^\mu C_{\nu\rho} - {}^\mu A^i \times {}^\nu B^i - \varepsilon^{ij} {}^\mu A^i \wedge {}^\nu A^j \wedge {}^\rho A^0$$

$${}^{zx}\check{O} = {}^x O$$

$$e^\phi = e^\phi {}^z k^{1/2}$$

$$\mathcal{L}(\Phi) = \int^{dx} \hat{\mathcal{L}}(\hat{\Phi})$$