Grana/31

$N = 2$: $D = 4$ ungauged sugra

IIB fields

gravity $g_{\mu\nu}$: A

vector g^k: A^k

hyper g^a: O^a: O_a

tensor B: ϕ: B': O

IIB embedding

$$^{xy}\overset{\wedge}{\phi} = {}^x\phi 1$$

$$^{xy}\hat{g}_{i\bar{j}} = {}^x g^a \, {}^y2_a \underset{i\bar{j}}{} \text{ Kahler defo}$$

$$^{xy}\hat{g}_{ij} = {}^x g^k \, {}^y3_k \underset{ijk}{} \text{ complex defo}$$

$$^{xy}\hat{B} = {}^x B + {}^x O^a \, {}^y2_a$$

$$^{xy}\hat{O} = {}^x O$$

$$^{xy}\overset{\wedge}{B'} = {}^x B' + {}^x O^a \, {}^y_a 2$$

$$^{xy}\hat{D} = {}^x A^k \, {}^y3_k + {}^x O_a \, {}^y4^a$$