Lozano

brane world-volume fields=flux of attached strings

Dbrane BI field = flux attached N1 strings

M5 brane self-dual 2form = flux attached M2 branes

IIA KK monopole

$$u^{D-4}\, v^3\, z^1$$

$\mathfrak{b}$ isometry along z

$$\mathfrak{b}|\mathfrak{b} = \mathfrak{b}^{\alpha} \not{a}_{\alpha\beta} \mathfrak{b}^{\beta}$$

$^{u}\mathbb{0}$ embedding scalars

$$\begin{cases} {}^{u}\theta \\ {}^{u}\mathfrak{t} \\ {}^{u}\mathfrak{5} \end{cases}$$

$$\partial_i \mathbb{0}^{\mu} - \frac{\partial_i \mathbb{0}^{\nu} \mathfrak{b}_{\nu} \mathfrak{b}^{\mu}}{\mathfrak{b}|\mathfrak{b}}$$

$$d\theta - \mathfrak{b} \not{2}$$

$$\det\left(\partial_i \mathbb{0}^{\mu} - \frac{\partial_i \mathbb{0}^{\alpha} \mathfrak{b}_{\alpha} \mathfrak{b}^{\mu}}{\mathfrak{b}|\mathfrak{b}}\right) \not{D}_{\mu\nu} \left(\partial_j \mathbb{0}^{\nu} - \frac{\partial_j \mathbb{0}^{\beta} \mathfrak{b}_{\beta} \mathfrak{b}^{\nu}}{\mathfrak{b}|\mathfrak{b}}\right) - \frac{\left(d\theta - \mathfrak{b} \not{2}\right)_i \left(d\theta - \mathfrak{b} \not{2}\right)_j}{\mathfrak{b}|\mathfrak{b}}$$

$$- \left(d\mathfrak{t} - \mathfrak{b} \not{\mathfrak{Z}}\right)_{ij} \left(d\theta - \mathfrak{b} \not{2}\right)_i \left(\left(\partial_j \mathbb{0}^{\mu} - \frac{\partial_j \mathbb{0}^{\nu} \mathfrak{b}_{\nu} \mathfrak{b}^{\mu}}{\mathfrak{b}|\mathfrak{b}}\right) \not{Y}_{\mu}\right)$$