

Behrndt

massive IIB

$$\begin{cases} \mathbb{1} \\ \mathbb{2} \\ \mathbb{3} \end{cases} \text{ RR potentials } \begin{cases} \emptyset \\ \mathcal{Z} \\ \mathcal{A}^+ \end{cases}$$

$$\underline{\mathcal{A}} = \underline{\mathcal{A}}^*$$

$$\mathbb{X} = \frac{1 - \mathbb{Q} + i\emptyset}{1 + \mathbb{Q} - i\emptyset}$$

$$\text{forces } \begin{cases} \frac{\underline{\mathcal{Z}} + \mathbb{X}\underline{\mathcal{Z}}^*}{\sqrt{1 - \mathbb{X}\mathbb{X}^*}} \\ \underline{\mathcal{A}} - \frac{1}{8}\underline{\mathcal{Z}} \wedge \underline{\mathbb{2}} \end{cases}$$

$$\text{Bianchi } \begin{cases} \frac{\underline{\mathcal{Z}} + \mathbb{X}\underline{\mathcal{Z}}^*}{\sqrt{1 - \mathbb{X}\mathbb{X}^*}} = \frac{iT\mathbb{X}\mathbb{X}^* - \mathbb{X}}{1 - \mathbb{X}\mathbb{X}^*} \wedge \frac{\underline{\mathcal{Z}} + \mathbb{X}\underline{\mathcal{Z}}^*}{\sqrt{1 - \mathbb{X}\mathbb{X}^*}} \\ \underline{\mathcal{A}} - \frac{1}{8}\underline{\mathcal{Z}} \wedge \underline{\mathbb{2}} = -\frac{1}{8}\underline{\mathcal{Z}} \wedge \underline{\mathbb{2}} \end{cases}$$

demo potential $\emptyset + \mathcal{Z} + \mathcal{A} + \mathcal{B} + \mathcal{S} + \mathbb{10}$: Grana

$$\text{force } \underline{\mathbb{2}} \wedge \overline{\underline{\emptyset + \mathcal{Z} + \mathcal{A} + \mathcal{B} + \mathcal{S} + \mathbb{10} + m\mathbf{e}^{\mathbb{2}}}}$$

Bianchi

$$d\underline{\mathbb{2}} = 0$$

$$\begin{aligned} & \underline{\mathbb{2}} \wedge \overline{\underline{\emptyset + \mathcal{Z} + \mathcal{A} + \mathcal{B} + \mathcal{S} + \mathbb{10} + m\mathbf{e}^{\mathbb{2}}}} \\ = & \underline{\mathbb{2}} \wedge \overline{\underline{\emptyset + \mathcal{Z} + \mathcal{A} + \mathcal{B} + \mathcal{S} + \mathbb{10} - \underline{\mathbb{2}} \wedge \overline{\underline{\emptyset + \mathcal{Z} + \mathcal{A} + \mathcal{B} + \mathcal{S} + \mathbb{10} + m\mathbf{e}^{\mathbb{2}}}}}} \end{aligned}$$