

$$D = 10$$

IIA sugra

$$E_8^7 = O_{1:1}: \text{ scalar coset } O_{1:1}$$

$$E_7^7 = 1$$

truncated IIB Sugra

$$\begin{cases} g & \text{metric} \\ & \text{self-dual 5-form} \end{cases}$$

$$D_8^7 = O_{1:1}$$

scalar coset  $\mathbb{R}_> \ni \mathbb{Q}$

$$- \begin{cases} \mathbb{10} \\ \mathbb{Q} \\ \mathbb{Z} \end{cases} = -\boxed{\mathbb{10}} + \sqrt{\mathbb{Q}} + \sqrt{\mathbb{Z}}$$