$$D = 3$$

$$E_7^0 = E_7 : \quad \text{scalar coset } E_7/SU_8 \ni \backslash\!\!\!0$$

$$\left\{ \begin{array}{l} \backslash\!\!\!3 \backslash\!\!\!0 \\ \not{3}\not{2}_i \not{1}_{ij} \not{0}_{ijk} \\ \not{1}\not{0}_i \not{1}_i \not{0}_{ij} \end{array} \right._3^9 = \boxed{\backslash\!\!\!3} + \overset{2}{\underset{-}{\backslash\!\!\!0}} - \mathfrak{e}^{a|\backslash\!\!\!0} \overset{2}{\underset{-}{\not{3}}} - \mathfrak{e}^{a_i|\backslash\!\!\!0} \overset{2}{\underset{-\, i}{\not{2}}} - \mathfrak{e}^{a_{ij}|\backslash\!\!\!0} \overset{2}{\underset{-\, ij}{\not{1}}}$$

$$- \mathfrak{e}^{a_{ijk}|\backslash\!\!\!0} \overset{2}{\underset{-\, ijk}{\not{0}}} - \mathfrak{e}^{c|\backslash\!\!\!0} \overset{2}{\underset{-}{\not{1}}} - \mathfrak{e}^{c_i|\backslash\!\!\!0} \overset{2}{\underset{-\, i}{\not{0}}} - \mathfrak{e}^{b_i|\backslash\!\!\!0} \overset{2}{\underset{-\, i}{\not{1}}} - \mathfrak{e}^{b_{ij}|\backslash\!\!\!0} \overset{2}{\underset{-\, ij}{\not{0}}} + \text{ FFA}$$

$$E_6^0 = E_6 : \quad \text{scalar coset } = E_6/\mathbb{H}_4^{\mathrm{U}} \ni \backslash\!\!\!0$$

$$\dim\ E_6/U_4^{\mathbb{H}} = 52$$

$$6 \text{ dilatons } \backslash\!\!\!0 \text{ diagonal :} \quad \text{axions} \left\{ \begin{array}{ll} \not{0}_{ijk} & 10 \\ \not{0}_{ij} & 10 : \\ \not{0}_i & 1 \end{array} \right. \quad \text{vectors} \left\{ \begin{array}{ll} \not{1}_{ij} & 10 \\ \not{1}_i & 15 \end{array} \right.$$

$$? \left\{ \begin{array}{l} \backslash\!\!\!3 \backslash\!\!\!0 \\ \not{3}\not{2}_i \not{1}_{ij} \not{0}_{ijk} \\ \not{1}\not{0}_i \not{1}_i \not{0}_{ij} \end{array} \right._3^9 = \boxed{\backslash\!\!\!3} + \overset{2}{\underset{-}{\backslash\!\!\!0}} - \mathfrak{e}^{a|\backslash\!\!\!0} \overset{2}{\underset{-}{\not{3}}} - \mathfrak{e}^{a_i|\backslash\!\!\!0} \overset{2}{\underset{-\, i}{\not{2}}} - \mathfrak{e}^{a_{ij}|\backslash\!\!\!0} \overset{2}{\underset{-\, ij}{\not{1}}} - \mathfrak{e}^{a_{ijk}|\backslash\!\!\!0} \overset{2}{\underset{-\, ijk}{\not{0}}}$$

$$- \mathfrak{e}^{c|\backslash\!\!\!0} \overset{2}{\underset{-}{\not{1}}} - \mathfrak{e}^{c_i|\backslash\!\!\!0} \overset{2}{\underset{-\, i}{\not{0}}} - \mathfrak{e}^{b_i|\backslash\!\!\!0} \overset{2}{\underset{-\, i}{\not{1}}} - \mathfrak{e}^{b_{ij}|\backslash\!\!\!0} \overset{2}{\underset{-\, ij}{\not{0}}} + \text{ FFA}$$

$$E_5^0 = O_{5:5} : \quad \text{scalar coset } O_{5:5}/O_5 \times O_5$$

$$E_4^0 = SL_5^{\mathbb{R}} : \quad \text{scalar coset } SL_5^{\mathbb{R}}/O_5$$

$$E_3^0 = SL_2^{\mathbb{R}} \times SL_3^{\mathbb{R}} : \quad \text{scalar coset } SL_2^{\mathbb{R}}/O_2 \times SL_3^{\mathbb{R}}/O_3$$

$$E_2^0 = GL_2^{\mathbb{R}} : \quad \text{scalar coset } GL_2^{\mathbb{R}}/O_2$$

$$E_1^0 = O_{1:1} : \quad \text{scalar coset } O_{1:1} \ni \backslash\!\!\!0 \text{ dilaton}$$

$$\left\{ \begin{array}{l} \backslash\!\!\!3 \\ \backslash\!\!\!0 \\ \not{3} \end{array} \right. = \boxed{\backslash\!\!\!3} + \overset{2}{\underset{-}{\backslash\!\!\!0}} - \mathfrak{e}^{4\backslash\!\!\!0} \overset{2}{\underset{-}{\not{3}}}$$

$$F_4^0 = F_4 : \quad \text{scalar coset } F_4/$$

$$G_2^0 = G_2: \quad \text{scalar coset } G_2/SU_2 \times SU_2$$

$$D_8^0 = O_{8:8}: \quad \text{scalar coset } O_{8:8}/O_8 \times O_8 \ni \not{0}$$

$$\left\{ \begin{array}{l} \not{3}\,\not{0} \\ \not{1}^{i}\,\not{0}^{i}{}_{j} \\ \not{1}_{i}\,\not{0}_{ij} \end{array} \right._{3}^{10} \quad = \boxed{\not{3}} + \overbrace{\not{0}}^{2} - \sum_{i} \mathfrak{e}^{b_i|\not{0}}\, \overbrace{\not{1}^{i}_{-}}^{2} - \sum_{i<j} \mathfrak{e}^{b_{ij}|\not{0}}\, \overbrace{\not{0}^{i}{}_{-j}}^{2} - \sum_{i} \mathfrak{e}^{a_i|\not{0}}\, \overbrace{\not{1}_{-i}}^{2} - \sum_{i<j} \mathfrak{e}^{a_{ij}|\not{0}}\, \overbrace{\not{0}_{-ij}}^{2}$$