$$D = 5$$

$$E_8^2 = E_6 : \quad \text{scalar coset } E_6 /$$

$$E_7^2 = S L_6^{\mathbb{R}} : \quad \text{scalar coset } S L_6^{\mathbb{R}} / O_6$$

$$E_6^2 = S L_3^{\mathbb{R}} \times S L_3^{\mathbb{R}} : \quad \text{scalar coset } S L_3^{\mathbb{R}} / O_3 \times S L_3^{\mathbb{R}} / O_3$$

$$E_5^2 = G L_2^{\mathbb{R}} \times S L_2^{\mathbb{R}} : \quad \text{scalar coset } G L_2^{\mathbb{R}} / O_2 \times S L_2^{\mathbb{R}} / O_2$$

$$E_4^2 = G L_1^{\mathbb{R}} : \quad \text{scalar coset } G L_1^{\mathbb{R}} / O_1$$

$$E_3^2 = S L_2^{\mathbb{R}} : \quad \text{scalar coset } S L_2^{\mathbb{R}} / O_2 \ni i\,\mathfrak{e}^{-\not{0}} + \not{\emptyset} \text{ dilaton/axion}$$

$$\begin{cases} \not{5}\not{0} \\ \not{3}\not{\emptyset} \end{cases} = \boxed{\not{5}} + \overbrace{\underset{-}{\not{0}}}^{2} - \mathfrak{e}^{2\not{0}} \overbrace{\underset{-}{\not{\emptyset}}}^{2} + \mathfrak{e}^{2\not{0}} \overbrace{\underset{-}{\not{3}}}^{2}$$

$$E_2^2 = 1$$

$$F_4^2 = S L_3^{\mathbb{R}} : \quad \text{scalar coset } S L_3^{\mathbb{R}} / O_3$$

$$G_2^2 = 1$$

Einstein-Maxwell simple sugra

$$D_8^2 = O_{5:5} \times O_{1:1} : \quad \text{scalar coset } O_{5:5} / O_5 \times O_5 \times \mathbb{R}_>$$