

$$r_{\mathbb{C}} = r: \quad a_{\mathbb{C}} = 2a$$

$$a = 1: \quad {}^r\mathbb{R}_r^{\mathbb{U}} \times {}^{r+b}\mathbb{R}_{r+b}^{\mathbb{U}} \dashv {}^{r|r+b}\mathbb{R}_{r|r+b}^{\mathbb{U}} \subset {}^r\mathbb{R}_{r+b}^{\mathbb{C}}: \quad b \geq 0: \quad \varepsilon = 0:1$$

$$a = 2: \quad {}^{2r+\varepsilon}\mathbb{R}_{2r+\varepsilon}^{\mathbb{U}} \dashv {}^{2r+\varepsilon}\mathbb{C}_{2r+\varepsilon}^{\mathbb{D}} \subset {}^{2r+\varepsilon}\mathbb{R}_{2r+\varepsilon}^{\mathbb{N}}$$

$$a = 3: \quad \underbrace{{}^2\mathbb{H}_2^{\mathbb{U}} \times {}^2\mathbb{H}_2^{\mathbb{U}}}_{\mathbb{H}_2^{\mathbb{U}}} \dashv {}^{2|2}\mathbb{H}_{2|2}^{\mathbb{U}} \subset {}^1\Theta_2$$

$$a = 4: \quad {}^4\mathbb{H}_4^{\mathbb{U}} \dashv {}^4\mathbb{H}_4^{\mathbb{C}} \subset {}^3\Theta_3^{\mathbb{U}} \cong \begin{array}{c|c|c} \alpha & a & b \\ \hline \# \tilde{a} & \beta & c \\ \hline \# \tilde{b} & \# \tilde{c} & \gamma \end{array}$$

$$\begin{cases} a = 1 \\ a_{\mathbb{R}} = 2 \end{cases} \begin{cases} {}^r\mathbb{R}_r^{\mathbb{U}} \times {}^r\mathbb{R}_r^{\mathbb{U}} \dashv {}^{r|r}\mathbb{R}_{r|r}^{\mathbb{U}} = {}^r\mathbb{R}_r^{\mathbb{C}} \\ {}^r\mathbb{C}_r^{\mathbb{U}} \times {}^r\mathbb{C}_r^{\mathbb{U}} \dashv {}^{r|r}\mathbb{C}_{r|r}^{\mathbb{U}} \end{cases}$$

$$\begin{cases} a = 2 \\ a_{\mathbb{R}} = 4 \end{cases} \begin{cases} {}^{2r}\mathbb{R}_{2r}^{\mathbb{U}} \dashv {}^{2r}\mathbb{C}_{2r}^{\mathbb{D}} = {}^{2r}\mathbb{R}_{2r}^{\mathbb{N}} \\ {}^{2r}\mathbb{C}_{2r}^{\mathbb{U}} \dashv {}^{2r}\mathbb{H}_{2r}^{\mathbb{D}} \end{cases}$$

$$\begin{cases} a = 4 \\ a_{\mathbb{R}} = 8 \end{cases} \begin{cases} {}^4\mathbb{H}_4^{\mathbb{U}} \dashv {}^4\mathbb{H}_4^{\mathbb{C}} = {}^3\Theta_3^{\mathbb{U}} \cong \begin{array}{c|c|c} \alpha & a & b \\ \hline \# \tilde{a} & \beta & c \\ \hline \# \tilde{b} & \# \tilde{c} & \gamma \end{array} \\ \mathbb{T} \times E_6 \dashv E_7^{-25} \end{cases}$$

$$\begin{cases} a = 1 \\ a_{\mathbb{R}} = 2: \quad b_{\mathbb{R}} = 2b \end{cases} \begin{cases} {}^r\mathbb{R}_r^{\mathbb{U}} \times {}^{r+b}\mathbb{R}_{r+b}^{\mathbb{U}} \dashv {}^{r|r+b}\mathbb{R}_{r|r+b}^{\mathbb{U}} = {}^r\mathbb{R}_{r+b}^{\mathbb{C}} \\ {}^r\mathbb{C}_r^{\mathbb{U}} \times {}^{r+b}\mathbb{C}_{r+b}^{\mathbb{U}} \dashv {}^{r|r+b}\mathbb{C}_{r|r+b}^{\mathbb{U}} \end{cases}$$

$$\begin{cases} a = 2: \quad b = 2 \\ a_{\mathbb{R}} = 4: \quad b_{\mathbb{R}} = 4 \end{cases} \begin{cases} {}^{2r+1}\mathbb{R}_{2r+1}^{\mathbb{U}} \dashv {}^{2r+1}\mathbb{C}_{2r+1}^{\mathbb{D}} = {}^{2r+1}\mathbb{R}_{2r+1}^{\mathbb{N}} \\ {}^{2r+1}\mathbb{C}_{2r+1}^{\mathbb{U}} \dashv {}^{2r+1}\mathbb{H}_{2r+1}^{\mathbb{D}} \end{cases}$$

$$\begin{cases} r = 2: \quad a = 3: \quad b = 4 \\ r_{\mathbb{R}} = 2: \quad a_{\mathbb{R}} = 6: \quad b_{\mathbb{R}} = 8 \end{cases} \begin{cases} \underbrace{{}^2\mathbb{H}_2^{\mathbb{U}} \times {}^2\mathbb{H}_2^{\mathbb{U}}}_{\mathbb{H}_2^{\mathbb{U}}} \dashv {}^{2|2}\mathbb{H}_{2|2}^{\mathbb{U}} = {}^1\Theta_2 \\ \mathbb{T} \times {}^{10}\mathbb{R}_{10}^{\mathbb{U}} \dashv E_6^{-14} = {}^{\mathbb{C}}\mathbb{O}_2 \end{cases}$$