

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

$$a = 2: \quad {}^r\mathbb{H}_r^{\mathbb{U}} \lrcorner {}^{2r}\mathbb{C}_{2r}^{\Omega} \subset {}^r\mathbb{H}_r^{\mathbb{D}}$$

$$a = 3: \quad {}^9\mathbb{R}_9^{\mathbb{U}} \lrcorner F_4^{-20} \subset {}^1\mathbb{O}_2: \quad r = 1$$

$$a = 4: \quad {}^r\mathbb{H}_r^{\mathbb{U}} \times {}^{r+b}\mathbb{H}_{r+b}^{\mathbb{U}} \lrcorner {}^{r|r+b}\mathbb{H}_{r|r+b}^{\mathbb{U}} \subset {}^r\mathbb{H}_{r+b}^{\mathbb{C}}: \quad b \geq 0$$

$$a \geq 1: \quad {}_{2+a}\mathbb{R}_{\mathbb{U}}^{2+a} \lrcorner {}_{1|a+2}\mathbb{R}_{\mathbb{U}}^{1|a+2} \subset \mathbb{R}^{2|a}$$

$$\begin{cases} a = 4: & c = 3 \\ a = 2 \end{cases} \quad \begin{cases} {}^r\mathbb{H}_r^{\mathbb{U}} \times {}^r\mathbb{H}_r^{\mathbb{U}} \lrcorner {}^{r|r}\mathbb{H}_{r|r}^{\mathbb{U}} = {}^r\mathbb{H}_r^{\mathbb{C}} \\ {}^{2r}\mathbb{C}_{2r}^{\mathbb{U}} \times {}^{2r}\mathbb{C}_{2r}^{\mathbb{U}} \lrcorner {}^{2r|}\mathbb{C}_{2r|}^{\mathbb{U}} \end{cases}$$

$$\begin{cases} a = 2: & c = 2: \quad d = r(2r + 1) \\ a = 1 \end{cases} \quad \begin{cases} {}^r\mathbb{H}_r^{\mathbb{U}} \lrcorner {}^{2r}\mathbb{C}_{2r}^{\Omega} = {}^r\mathbb{H}_r^{\mathbb{D}} \\ {}^r\mathbb{C}_r^{\mathbb{U}} \lrcorner {}^{2r}\mathbb{R}_{2r}^{\Omega} \end{cases}$$

$$\begin{cases} r = 1: & c = d - 1 \\ a = d - 2: & r = 2 \end{cases} \quad \begin{cases} {}_d\mathbb{R}_{\mathbb{U}}^d \lrcorner {}_{1|d}\mathbb{R}_{\mathbb{U}}^{1|d} = \mathbb{R}^{2|a} \\ \mathbb{T} \times {}_d\mathbb{R}_{\mathbb{U}}^d \lrcorner {}_{2|d}\mathbb{R}_{\mathbb{U}}^{2|d} \end{cases}$$

$$\begin{cases} c = 3 \\ a_{\mathbb{H}} = 2 \end{cases} \quad \begin{cases} {}^r\mathbb{H}_r^{\mathbb{U}} \times {}^{r+b/4}\mathbb{H}_{r+b/4}^{\mathbb{U}} \lrcorner {}^{r|r+b/4}\mathbb{H}_{r|r+b/4}^{\mathbb{U}} = {}^r\mathbb{H}_{r+b/4}^{\mathbb{C}} \\ {}^{2r}\mathbb{C}_{2r}^{\mathbb{U}} \times {}^{2r+b/2}\mathbb{C}_{2r+b/2}^{\mathbb{U}} \lrcorner {}^{2r|+b/2}\mathbb{C}_{2r|+b/2}^{\mathbb{U}} \end{cases}$$

$$\begin{cases} r = 1: & c = 7: \quad b = 8 \\ a_{\mathbb{H}} = 6: & b_{\mathbb{H}} = 8 \end{cases} \quad \begin{cases} {}^9\mathbb{R}_9^{\mathbb{U}} \lrcorner F_4^{-20} = {}^1\mathbb{O}_2 \\ \mathbb{T} \times {}_{10}\mathbb{R}_{\mathbb{U}}^{10} \lrcorner E_6^{-14} \end{cases}$$