

$${}^n\mathbb{D}_n^{\mathfrak{D}} = \begin{cases} {}^n\mathbb{C}_n^{\mathfrak{D}} \\ {}^n\mathbb{H}_n^{\mathfrak{D}} \end{cases} \xleftarrow[\text{symm/a-herm}]{\text{exp}} \begin{cases} {}^n\mathbb{C}_n^{\mathfrak{A}} \\ {}^n\mathbb{H}_n^{\mathfrak{A}} \end{cases}$$

$$\begin{cases} {}^n\mathbb{C}_n^{\mathfrak{D}} \\ {}^n\mathbb{H}_n^{\mathfrak{D}} \end{cases} = \begin{cases} \Gamma \in {}^n\mathbb{C}_n^{\mathfrak{C}} & \Gamma \dagger = 1 \\ \Gamma \in {}^n\mathbb{H}_n^{\mathfrak{C}} & \Gamma i \dagger = i \end{cases}$$

$${}^n\mathbb{D}_n^{\mathfrak{D}} \times {}^n\mathbb{D}_n^{\mathfrak{D}} \xrightarrow{\begin{array}{c|c} 0 & 1 \\ \hline 1 & 0 \end{array}} {}_2\mathbb{D}_n^{\mathfrak{D}}$$