

$$\begin{array}{ccc}
{}^{2n}\mathbb{R}_{2n}^{\Omega} & \xrightarrow{\text{on}} & \mathfrak{U} \Big|_{\mathfrak{U}}^n \mathbb{C}_n^{\mathfrak{D}} \\
\uparrow \text{exp} & & \uparrow \text{exp} \\
{}^{2n}\mathbb{R}_{2n}^{\mathfrak{D}} & \xrightarrow{\text{on}} & \mathfrak{U} \Big|_{\mathfrak{U}}^n \mathbb{C}_n^{\mathfrak{D}} \\
\sqrt{\cdot} \times \frac{\begin{array}{c|c} \sqrt{\cdot} & \sqrt{\cdot} \\ \hline \mathbb{1} & \mathbb{1} \end{array}}{B} & = & \sqrt{\cdot} \times B^* \frac{\begin{array}{c|c} \sqrt{\cdot} & \sqrt{\cdot} \\ \hline \mathbb{1} & \mathbb{1} \end{array}}{B}
\end{array}$$

$$B = \frac{1}{\sqrt{2}} \frac{1}{i} \Big| \frac{i}{1} \Rightarrow B \mathfrak{D} B^* = B$$

$$B \mathfrak{U} B^* = i \mathfrak{U} \text{ *-inv } / {}^{2n}\mathbb{R}_{2n}^{\Omega}$$

$$\mathfrak{U} = \frac{1}{0} \Big| \frac{0}{-1} : \quad \mathfrak{U} = \frac{0}{1} \Big| \frac{-1}{0} : \quad \mathfrak{U} = \frac{0}{1} \Big| \frac{1}{0}$$

$$\begin{array}{ccc}
 {}^n\mathbb{H}_n^{\mathfrak{D}} & \xrightarrow{\text{on}} & \mathbb{U}|_{\mathbb{U}} {}^n\mathbb{C}_n^{\mathfrak{D}} \\
 \uparrow \text{exp} & & \uparrow \text{exp} \\
 {}^n\mathbb{H}_n^{\mathfrak{D}} & \xrightarrow{\text{on}} & \mathbb{U}|_{\mathbb{U}} {}^n\mathbb{C}_n^{\mathfrak{D}} \\
 \sqrt{\times} \frac{\begin{array}{c|c} \bar{\Gamma} & \sqrt{\Gamma} \\ \hline -\bar{\Gamma} & \Gamma \end{array}}{} & = & \sqrt{\times} \frac{\begin{array}{c|c} \bar{\Gamma} & \sqrt{\Gamma} \\ \hline -\bar{\Gamma} & \Gamma \end{array}}{}
 \end{array}$$

$$\mathfrak{D}:\mathbb{U} = D\mathfrak{D}^* \text{-inv} / {}^n\mathbb{H}_n^{\mathfrak{D}} \subset {}^{2n}\mathbb{C}_{2n}^{\mathfrak{D}} \cap D'$$

$$D = \frac{1}{\sqrt{2}} \frac{1}{- * } \left| \begin{array}{c} * \\ 1 \end{array} \right.$$

$$* = *$$