$$\begin{cases} {\Gamma^{\triangledown}_{0}}\,\Gamma\underset{\mho}{\times}K \subset {\Gamma^{\triangledown}_{0}}\,\Gamma\underset{\bigcirc}{\times}K \\ {}^{m}_{\mho}\mathbb{K}_{m+k} \subset {}^{m}_{\bigcirc}\mathbb{K}_{m+k} \end{cases} \xrightarrow[\rtimes\left.\begin{array}{c|cc} 1 & 1 & \multicolumn{1}{|c}{0} \\ \hline -1 & 0 & 0 \\ 1 & 0 & \sqrt{2} \end{array}\right/\sqrt{2}]{\quad g_e \quad} \begin{cases} {\Gamma^{\triangledown}_{0}}\,\Gamma\underset{\bigcirc}{\times}K \supset {\Gamma^{\triangledown}_{0}}\,\Gamma\underset{\mho}{\times}K \\ {}^{m}_{\bigcirc}\mathbb{K}_{m+k} \supset {}^{m}_{\mho}\mathbb{K}_{m+k} \end{cases}$$

$$\daleth = \begin{array}{c|cc} 0 & 1 & \multicolumn{1}{|c}{0} \\ \hline & 0 & 0 \\ -\quad 1\ 0 & 0 & 0 \end{array} \in \mho|\Gamma\times\Gamma\times K \Rightarrow \ \mathrm{int}\ \daleth = \underbrace{e + \daleth\overset{*}{e}\daleth}\,\partial_{\daleth} = \underbrace{e+u^2}\,\partial_u + uv\,\partial_v$$

$$\daleth^3 = -\daleth \Rightarrow \exp\left(t\daleth\right) = \begin{array}{c|cc} {}^{t}\mathfrak{c} & {}^{t}\mathfrak{s} & \multicolumn{1}{|c}{0} \\ \hline -{}^{t}\mathfrak{s} & 0 & 0 \\ {}^{t}\mathfrak{c} & 0 & 1 \end{array} \in \mho|\Gamma\times\Gamma\times K$$

$$g_e = \exp\left(\frac{\pi}{4}\daleth\right) \Rightarrow {}^{u:v}g_{\varkappa e} = \overbrace{1-\varkappa u}^{-1}\,\underbrace{\varkappa + u}:\sqrt{2}\,\overbrace{1-\varkappa u}^{-1}\,v$$

$$\begin{cases} {\Gamma\times H^{\triangledown}_{0}}\,\Gamma\underset{\mho}{\times}K \subset {\Gamma\times H^{\triangledown}_{0}}\,\Gamma\underset{\mho}{\times}K \\ {}^{m+\ell}_{\mho}\mathbb{K}_{m+k} \subset {}^{m+\ell}_{\bigcirc}\mathbb{K}_{m+k} \end{cases} \xrightarrow[\rtimes\left.\begin{array}{cc|cc} 1 & 0 & \varkappa & 0 \\ 0 & \sqrt{2} & 0 & 0 \\ \hline -\varkappa & 0 & 1 & 0 \\ 0 & 0 & 0 & \sqrt{2} \end{array}\right/\sqrt{2}]{\quad g_e \quad} \begin{cases} {\Gamma\times H^{\triangledown}_{0}}\,\Gamma\underset{\mho}{\times}K \supset {\Gamma\times H^{\triangledown}_{0}}\,\Gamma\underset{\mho}{\times}K \\ {}^{m+\ell}_{\bigcirc}\mathbb{K}_{m+k} \supset {}^{m+\ell}_{\mho}\mathbb{K}_{m+k} \end{cases}$$

$$\daleth = \begin{array}{cc|cc} 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 \\ \hline -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \end{array} \in \mho|\Gamma\times H\times\Gamma\times K \Rightarrow \ \mathrm{int}\ \daleth = \underbrace{e + \daleth\overset{*}{e}\daleth}\,\partial_{\daleth} = \begin{array}{c|c} e+u^2 & uv \\ \hline \vee u & \vee v \end{array}\ \partial_{\daleth}$$

$$\daleth^3 = -\daleth \Rightarrow \exp\left(\daleth\right) = \begin{array}{cc|cc} {}^{t}\mathfrak{c} & 0 & {}^{t}\mathfrak{s} & 0 \\ 0 & 1 & 0 & 0 \\ \hline -{}^{t}\mathfrak{s} & 0 & {}^{t}\mathfrak{c} & 0 \\ 0 & 0 & 0 & 1 \end{array} \in \mho|\Gamma\times H\times\Gamma\times K$$

$$g_{\varkappa e} = \exp\left(\frac{\varkappa\pi}{4}\daleth\right) \Rightarrow \begin{array}{c|c} u & v \\ \hline \vee & w \end{array}\ g_{\varkappa e} = \begin{array}{c|c} (1-\varkappa u)^{-1}\,\underbrace{\varkappa+u} & \sqrt{2}(1-\varkappa u)^{-1}v \\ \hline \sqrt{2}\vee(1-\varkappa u)^{-1} & \sqrt{2}\vee(1-\varkappa u)^{-1}v + w \end{array}$$

$$j_e = g_e^{-1}\,j_0\,g_e$$

$$\begin{cases} {}_{2m+k}K^2 \times H \overset{\ni}{\underset{0}{\triangledown}} K^2 \underset{\mho}{\times} H \subset {}_{2m+k}K^2 \times H \overset{\ni}{\underset{0}{\triangledown}} K^2 \underset{\bigcirc}{\times} H \\ {}_{\mho}\mathbb{K}^{\ni}_{2m+k} \subset {}_{\bigcirc}\mathbb{K}^{\ni}_{2m+k} \end{cases} \xrightarrow[\rtimes \frac{1}{\sqrt{2}} \left.\begin{array}{ccc|ccc} 1 & 0 & 0 & 0 & \varkappa & 0 \\ 0 & 1 & 0 & -\varkappa & 0 & 0 \\ 0 & 0 & \sqrt{2} & 0 & 0 & 0 \\ \hline 0 & \varkappa & 0 & 1 & 0 & 0 \\ -\varkappa & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 & \sqrt{2} \end{array}\right.]{g_{\varkappa e}} \begin{cases} {}_{2m+k}K^2 \times H \overset{\ni}{\underset{0}{\triangledown}} K^2 \underset{\bigcirc}{\times} H \supset {}_{2m+k}K^2 \times H \overset{\ni}{\underset{0}{\triangledown}} K^2 \underset{\mathbb{U}}{\times} H \\ {}_{\bigcirc}\mathbb{K}^{\ni}_{2m+k} \supset {}_{\mathbb{U}}\mathbb{K}^{\ni}_{2m+k} \end{cases}$$

$$\text{⅃} = \begin{array}{ccc|ccc} 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 \\ \hline 0 & 1 & 0 & 0 & 0 & 0 \\ -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 \end{array} \in \mathbb{U} \cap \ni | \, K^2 \times H \times K^2 \times H$$

$$\Longrightarrow \text{⅃}^3 = -\text{⅃} \Longrightarrow \exp(\text{⅃}) = \begin{array}{ccc|ccc} {}^t\mathfrak{c} & 0 & 0 & 0 & {}^t\mathfrak{s} & 0 \\ 0 & {}^t\mathfrak{c} & 0 & -{}^t\mathfrak{s} & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 \\ \hline 0 & {}^t\mathfrak{s} & 0 & {}^t\mathfrak{c} & 0 & 0 \\ -{}^t\mathfrak{s} & 0 & 0 & 0 & {}^t\mathfrak{c} & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 \end{array} \in \mho \cap \text{Ↄ} | \, K^{\text{-}2} \times H \times K^{\text{-}2} \times H$$

$$g_{\varkappa e} = \exp\left(\frac{\varkappa\pi}{4}\text{⅃}\right) \Longrightarrow$$

$$\begin{bmatrix} a & b & v \\ -\overset{+}{b} & d & y \\ -\overset{+}{v} & -\overset{+}{y} & w \end{bmatrix} g_{\varkappa e} = \begin{array}{c|c} \left(\begin{array}{c|c} 1-\varkappa b & \varkappa a \\ \hline -\varkappa d & 1-\varkappa\overset{+}{b} \end{array}\right)^{-1} \begin{array}{c|c} a & b+\varkappa \\ \hline -\varkappa-\overset{+}{b} & d \end{array} & \sqrt{2} \left(\begin{array}{c|c} 1-\varkappa b & \varkappa a \\ \hline -\varkappa d & 1-\varkappa\overset{+}{b} \end{array}\right)^{-1} \begin{bmatrix} v \\ y \end{bmatrix} \\ \hline -\sqrt{2}\left[\overset{+}{y} \quad -\overset{+}{v}\right] \left(\begin{array}{c|c} 1-\varkappa b & \varkappa a \\ \hline -\varkappa d & 1-\varkappa\overset{+}{b} \end{array}\right)^{-1} & w - \varkappa\left[\overset{+}{y} \quad -\overset{+}{v}\right] \left(\begin{array}{c|c} 1-\varkappa b & \varkappa a \\ \hline -\varkappa d & 1-\varkappa\overset{+}{b} \end{array}\right)^{-1} \begin{bmatrix} v \\ y \end{bmatrix} \end{array}$$

$$\begin{array}{c|c} 1 & -1 \\ \hline 1 & 1 \end{array} \; g_e \begin{array}{c|c} 1 & 1 \\ \hline -1 & 1 \end{array} = \begin{array}{c|c} i & -i \\ \hline 1 & 1 \end{array} \; g_e \begin{array}{c|c} -i & 1 \\ \hline i & 1 \end{array} = \begin{array}{ccc|ccc} 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & \sqrt{2} & 0 & 0 & 0 \\ \hline 0 & 0 & 0 & 1 & 1 & 0 \\ 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 & \sqrt{2} \end{array} / \sqrt{2} \in {}^{n}\mathbb{R}_n^{\mho} \times {}^{n}\mathbb{R}_n^{\mho}$$

$$j_e = g_e^{-1} \, j_0 \, g_e$$