$$e = 1 \in \left\{ \begin{matrix} \ulcorner^{\overset{}{\bigtriangledown}_0} \ulcorner_{\mho} \\ {}^{n}_{\mho}\mathbb{K}_n \end{matrix} \right. = \frac{\lrcorner \in \left\{ \begin{matrix} \ulcorner^{\bigtriangledown_0} \ulcorner \\ {}^{n}\mathbb{K}_n \end{matrix} \right.}{\begin{bmatrix} 1 & \lrcorner \end{bmatrix} \begin{array}{c|c} 0 & 1 \\ \hline 1 & 0 \end{array} \begin{bmatrix} 1 \\ \overset{*}{\lrcorner} \end{bmatrix} = \lrcorner + \overset{*}{\lrcorner} > 0} \subset \left\{ \begin{matrix} \ulcorner^{\bigtriangledown_0} \ulcorner \\ {}^{n}\mathbb{K}_n \end{matrix} \right.$$

$$\lrcorner \ \mathrm{Int} \ \mho = \lrcorner^{-1}$$

$$\mho = \begin{array}{c|c} 0 & 1 \\ \hline 1 & 0 \end{array}$$

$$e = 1 \in \left\{ \begin{matrix} \ulcorner^{\overset{\oplus}{\bigtriangledown}_0} \ulcorner_{\mho} \\ {}^{n}_{\mho}\mathbb{K}^{\oplus}_n \end{matrix} \right. = \frac{\lrcorner \in \left\{ \begin{matrix} \ulcorner^{\overset{\oplus}{\bigtriangledown}_0} \ulcorner \\ {}^{n}\mathbb{K}^{\oplus}_n \end{matrix} \right.}{\begin{bmatrix} 1 & \lrcorner \end{bmatrix} \begin{array}{c|c} 0 & 1 \\ \hline 1 & 0 \end{array} \begin{bmatrix} 1 \\ \overset{*}{\lrcorner} \end{bmatrix} = \lrcorner + \overset{*}{\lrcorner} > 0} \subset \left\{ \begin{matrix} \ulcorner^{\overset{\oplus}{\bigtriangledown}_0} \ulcorner \\ {}^{n}\mathbb{K}^{\oplus}_n \end{matrix} \right.$$

$$\lrcorner \, S_e = \lrcorner \ \mathrm{Int} \ \mho = \lrcorner^{-1}$$

$$\mho = \begin{array}{c|c} 0 & 1 \\ \hline 1 & 0 \end{array}$$

$$e = \begin{array}{c|c} 1 & 0 \\ \hline 0 & 0 \end{array} \in \left\{ \begin{matrix} \ulcorner \times H^{\overset{\oplus}{\bigtriangledown}_0} \ulcorner \times_{\mho} H \\ {}_{m+k} \ {}_{\mho}\mathbb{K}^{\oplus}_{m+k} \end{matrix} \right. = \frac{\daleth = \begin{array}{c|c} u & v \\ \hline \overset{\dagger}{v} & w \end{array} \in \left\{ \begin{matrix} \ulcorner \times H^{\overset{\oplus}{\bigtriangledown}_0} \ulcorner \times H \\ {}_{m+k} \ {}_{\mho}\mathbb{K}^{\oplus}_{m+k} \end{matrix} \right.}{\begin{bmatrix} 1 & \daleth \end{bmatrix} \begin{array}{cc|cc} 0 & 0 & 1 & 0 \\ 0 & 1 & 0 & 0 \\ \hline 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & -1 \end{array} \begin{bmatrix} 1 \\ \daleth^{*} \end{bmatrix} = \begin{array}{c|c} u + \overset{*}{u} - v\overset{*}{v} & \bar{v} - v\overset{*}{w} \\ \hline \overset{\dagger}{v} - w\overset{*}{v} & 1 - w\overset{*}{w} \end{array} > 0} \subset \left\{ \begin{matrix} \ulcorner \times H^{\overset{\oplus}{\bigtriangledown}_0} \ulcorner \times_{\mho} H \\ {}_{m+k} \ {}_{\mho}\mathbb{K}^{\oplus}_{m+k} \end{matrix} \right.$$

$$1 - w\overset{*}{w} > 0 : u + \overset{*}{u} - \Re v \overbrace{\underbrace{1 - w\overset{*}{w}}^{-1} \underbrace{\overset{*}{v} - \overset{*}{w}\overset{\dagger}{v}} + \underbrace{\bar{v} - \overset{*}{\llcorner}} \underbrace{1 - w\overset{*}{w}}^{-1} \overset{\dagger}{v}} > 0$$

$$\begin{array}{c|c} u & v \\ \hline \overset{\dagger}{v} & w \end{array} \ S_e = \begin{array}{c|c} u & v \\ \hline \overset{\dagger}{v} & w \end{array} \ \mathrm{Int} \ \mho = \begin{array}{c|c} u^{-1} & -u^{-1}v \\ \hline -\overset{\dagger}{v}u^{-1} & -w \end{array}$$