$$\text{Ↄ}|\text{Ɫ}\times\text{Ɪ} = \left\{ \text{ʃ} = \begin{array}{c|c} \text{ϟ} & \text{⌐} \\ \hline \text{↿} & \text{Ɩ} \end{array} \right\} = {}^{m+n}_{\text{ↄ}}\mathbb{K}_{m+n}$$

$$\text{Ƌ}|\text{Ɫ}\times\text{Ɪ} = \left\{ \text{ʃ} = \begin{array}{c|c} \text{ϟ} & \text{⌐} \\ \hline \text{↿} & \text{Ɩ} \end{array} \right\} = {}^{m+n}_{\text{ƌ}}\mathbb{K}_{m+n}$$

$$\text{Ʊ}|\text{Ɫ}:\text{Ɪ} = \frac{\text{ʃ} = \begin{array}{c|c} \text{ϟ} & \text{⌐} \\ \hline \text{↿} & \text{Ɩ} \end{array}}{\begin{array}{c|c} \varkappa & 0 \\ \hline 0 & 1 \end{array} = \text{ʃ}\begin{array}{c|c} \varkappa & 0 \\ \hline 0 & 1 \end{array}\overset{*}{\text{ʃ}} = \begin{array}{c|c} \varkappa\text{ϟ}\overset{*}{\text{ϟ}} + \text{⌐}\overset{*}{\text{⌐}} & \varkappa\text{ϟ}\overset{*}{\text{↿}} + \text{⌐}\overset{*}{\text{Ɩ}} \\ \hline \varkappa\text{↿}\overset{*}{\text{ϟ}} + \text{Ɩ}\overset{*}{\text{⌐}} & \varkappa\text{↿}\overset{*}{\text{↿}} + \text{Ɩ}\overset{*}{\text{Ɩ}} \end{array}} = {}^{m:n}\mathbb{K}^{\text{Ʊ}}_{m:n}$$

$$\text{Ɵ}|\text{Ɫ}:\text{Ɪ} = \frac{\text{ʃ} = \begin{array}{c|c} \text{ϟ} & \text{⌐} \\ \hline -\varkappa\overset{*}{\text{⌐}} & \text{Ɩ} \end{array}}{\text{ϟ} + \overset{*}{\text{ϟ}} = 0 = \text{Ɩ} + \overset{*}{\text{Ɩ}}} = {}^{m:n}\mathbb{K}^{\text{Ɵ}}_{m:n}$$

$$\text{Ↄ}/\text{Ʊ}|\text{Ɪ}\times\text{Ɪ} = \frac{\text{ʃ} = \begin{array}{c|c} \text{ϟ} & \text{⌐} \\ \hline \text{↿} & \text{Ɩ} \end{array}}{\begin{array}{c|c} 0 & \varepsilon\ast \\ \hline \ast & 0 \end{array} = \text{ʃ}\begin{array}{c|c} 0 & \varepsilon\ast \\ \hline \ast & 0 \end{array}\overset{*}{\text{ʃ}} = \begin{array}{c|c} \text{⌐}\overset{\sharp}{\text{ϟ}} + \varepsilon\text{ϟ}\overset{\sharp}{\text{⌐}} & \text{⌐}\overset{\sharp}{\text{↿}} + \varepsilon\text{ϟ}\overset{\sharp}{\text{Ɩ}} \\ \hline \text{Ɩ}\overset{\sharp}{\text{ϟ}} + \varepsilon\text{↿}\overset{\sharp}{\text{⌐}} & \text{Ɩ}\overset{\sharp}{\text{↿}} + \varepsilon\text{↿}\overset{\sharp}{\text{Ɩ}} \end{array}} = {}^{2n}\mathbb{K}^{\text{Ↄ}/\text{Ʊ}}_{2n}$$

$$\text{Ƌ}/\text{Ʊ}|\text{Ɪ}\times\text{Ɪ} = \frac{\begin{array}{c|c} -\overset{\sharp}{\text{Ɩ}} & \text{⌐} \\ \hline \text{↿} & \text{Ɩ} \end{array}}{\text{⌐} + \varepsilon\overset{\sharp}{\text{⌐}} = 0 = \varepsilon\text{↿} + \overset{\sharp}{\text{↿}}} = {}^{2n}\mathbb{K}^{\text{Ƌ}/\text{Ʊ}}_{2n}$$

$$\text{Ↄ}/\text{Ʊ}|\text{Ɪ}\times\text{Ɪ} \cap \text{Ʊ}|\text{Ɪ}:\text{Ɪ}$$
$${}^{2n}\mathbb{K}^{\text{Ↄ}/\text{Ʊ}}_{2n} \cap {}^{n:n}\mathbb{K}^{\text{Ʊ}}_{n:n}$$

$$\text{Ƌ}/\text{Ʊ}|\text{Ɪ}\times\text{Ɪ} \cap \text{Ɵ}|\text{Ɪ}:\text{Ɪ}$$
$${}^{2n}\mathbb{K}^{\text{Ƌ}/\text{Ʊ}}_{2n} \cap {}^{n:n}\mathbb{K}^{\text{Ɵ}}_{n:n}$$

$$\text{Ↄ}|\mathbb{K}\times\text{Ɩ}\times\mathbb{K} = \frac{\text{Ɩ} = \begin{array}{c|c|c} \delta & \mathbb{L} & \gamma \\ \hline \mathbb{T} & \text{Ɩ} & \acute{\mathbb{T}} \\ \hline \beta & \acute{\mathbb{L}} & \alpha \end{array}}{\begin{array}{c|c|c} * & 0 & 0 \\ \hline 0 & * & 0 \\ \hline 0 & 0 & * \end{array} = \text{Ɩ}\begin{array}{c|c|c} * & 0 & 0 \\ \hline 0 & * & 0 \\ \hline 0 & 0 & * \end{array}\overset{*}{\text{Ɩ}} = \begin{array}{c|c|c} \gamma\delta + \mathbb{L}\mathbb{L}^{t} + \delta\gamma & \gamma\overset{t}{\mathbb{T}} + \mathbb{L}\overset{t}{\text{Ɩ}} + \delta\overset{\prime t}{\mathbb{T}} & \gamma\beta + \mathbb{L}\acute{\mathbb{L}}^{t} + \delta\alpha \\ \hline \acute{\mathbb{T}}\delta + \text{Ɩ}\mathbb{L}^{t} + \mathbb{T}\gamma & \acute{\mathbb{T}}\overset{t}{\mathbb{T}} + \text{Ɩ}\overset{t}{\text{Ɩ}} + \mathbb{T}\overset{\prime t}{\mathbb{T}} & \acute{\mathbb{T}}\beta + \text{Ɩ}\acute{\mathbb{L}}^{t} + \mathbb{T}\alpha \\ \hline \alpha\delta + \acute{\mathbb{L}}\mathbb{L}^{t} + \beta\gamma & \alpha\overset{t}{\mathbb{T}} + \acute{\mathbb{L}}\overset{t}{\text{Ɩ}} + \beta\overset{\prime t}{\mathbb{T}} & \alpha\beta + \acute{\mathbb{L}}\acute{\mathbb{L}}^{t} + \beta\alpha \end{array} *} = {}^{\text{Ↄ}}_{1+n+1}\mathbb{K}^{1+n+1}$$

$$\text{Ƌ}|\mathbb{K}\times\text{Ɩ}\times\mathbb{K} = \frac{\begin{array}{c|c|c} -\alpha & \mathbb{L} & 0 \\ \hline \mathbb{T} & \text{Ɩ} & -\mathbb{L}^{t} \\ \hline 0 & -\overset{t}{\mathbb{T}} & \alpha \end{array}}{\text{Ɩ} + \overset{t}{\text{Ɩ}} = 0} = {}^{\text{Ƌ}}_{1+n+1}\mathbb{K}^{1+n+1}$$

$$
\mho|\mathbb{K}{:}\boldsymbol{\gimel}{:}\mathbb{K} = \frac{\boldsymbol{\gimel} = \begin{array}{c|c|c} \delta & \mathbb{L} & \gamma \\ \hline \daleth & \gimel & \acute{\daleth} \\ \hline \beta & \acute{\mathbb{L}} & \alpha \end{array}}{\begin{array}{c|c|c} 1 & 0 & 0 \\ \hline 0 & \varkappa & 0 \\ \hline 0 & 0 & 1 \end{array} = \boldsymbol{\gimel} \begin{array}{c|c|c} 1 & 0 & 0 \\ \hline 0 & \varkappa & 0 \\ \hline 0 & 0 & 1 \end{array} \overset{*}{\boldsymbol{\gimel}} = \begin{array}{c|c|c} \delta\delta^* + \varkappa\mathbb{L}\mathbb{L}^* + \gamma\gamma^* & \delta\daleth^* + \varkappa\mathbb{L}\overset{*}{\gimel} + \gamma\acute{\daleth}^* & \delta\beta + \varkappa\mathbb{L}\acute{\mathbb{L}}^* + \gamma\alpha^* \\ \hline \daleth\delta^* + \varkappa\gimel\mathbb{L}^* + \acute{\daleth}\gamma^* & \daleth\daleth^* + \varkappa\gimel\overset{*}{\gimel} + \acute{\daleth}\acute{\daleth}^* & \daleth\beta^* + \varkappa\gimel\acute{\mathbb{L}}^* + \acute{\daleth}\alpha^* \\ \hline \beta\delta^* + \varkappa\acute{\mathbb{L}}\mathbb{L}^* + \alpha\gamma^* & \beta\daleth^* + \varkappa\acute{\mathbb{L}}\overset{*}{\gimel} + \alpha\acute{\daleth}^* & \beta\beta^* + \varkappa\acute{\mathbb{L}}\acute{\mathbb{L}}^* + \alpha\alpha^* \end{array}} = {}_{1:n:1}^{\mho}\mathbb{R}^{1:n:1}
$$

$$
\Theta|\mathbb{K}{:}\boldsymbol{\gimel}{:}\mathbb{K} = \frac{\begin{array}{c|c|c} \delta & \mathbb{L} & -\beta^* \\ \hline -\varkappa\overset{*}{\mathbb{L}} & \gimel & -\varkappa\acute{\mathbb{L}}^* \\ \hline \beta & \acute{\mathbb{L}} & \alpha \end{array}}{\delta + \delta^* = 0 = \alpha + \alpha^*: \quad \gimel + \overset{*}{\gimel} = 0} = {}_{1:n:1}^{\Theta}\mathbb{R}^{1:n:1}
$$