$$\underbrace{\begin{array}{c|c} a & b \\ \hline c & d \end{array}}^{u} \ltimes \mathfrak{q} = \overbrace{a+uc}^{-1}\underline{b+ud}\,\mathfrak{q}_{\,a+uc}\det{}^{\sigma-n}{}_{\,a+uc}\bar{\det}{}^{\tau-n}$$

$$\mathfrak{q} \rtimes \mathfrak{q} = \int_{du}^{S_{\mathbb{R}}} \int_{dv}^{S_{\mathbb{R}}} {}_{u}\bar{\mathfrak{q}}_{\,1-u\check{v}}\Delta^{-\sigma}{}_{\,1-u\check{v}}\bar{\Delta}^{-\tau}{}_{\,v}\mathfrak{q} = \int_{du}^{S_{\mathbb{R}}} \int_{dv}^{S_{\mathbb{R}}} {}_{u}\bar{\mathfrak{q}}_{\,u}\Delta_{v}^{-\sigma}{}_{\,u}\bar{\Delta}_{v}^{-\tau}{}_{\,v}\mathfrak{q}$$

positive

$$\{0 \ldots \cdot r-1\} \cup \underline{r-1}|\infty$$