

$${}^n\mathbb{C}^{\mathcal{U}}_{n\begin{smallmatrix}q\\ \triangleleft\\ m\end{smallmatrix}}\mathbb{C} = {}^n\mathbb{C}_{n\begin{smallmatrix}q\\ \triangleleft\\ m\end{smallmatrix}}\mathbb{C} : *$$

$${}^{p:q}\mathbb{C}^{\mathcal{U}}_{p:q\begin{smallmatrix}q\\ \triangleleft\\ m\end{smallmatrix}}\mathbb{C} = {}^{p+q}\mathbb{C}_{p+q\begin{smallmatrix}q\\ \triangleleft\\ m\end{smallmatrix}}\mathbb{C} : *$$

$${}^ig_j^* = {}^{|i|+|j|}\!-1\,S\,g_j^i = {}^{|i|+|j|}\!-1\,(-q)^{\,i-j}\det_q\,{}^{N\perp j}g_{N\perp i}$$

$$|i| = \begin{cases} 0 & i \leqslant p \\ 1 & i > p \end{cases}$$

$$J=\frac{-I_p\left| \begin{array}{c} 0 \end{array} \right.}{0\left| \begin{array}{c} I_q \end{array} \right.}$$