

$${}^{2|1}\mathbb{C}^{\mathbb{C}}_{\substack{2|1 \\ \triangleright \\ \varpi}}\mathbb{C} = \left[ \begin{array}{cc|c} {}^{1|}\lrcorner_{_1|} & {}^{2|}\lrcorner_{_1|} & {}^{1|}\lrcorner_{_1|} \\ {}^{1|}\lrcorner_{_2|} & {}^{2|}\lrcorner_{_2|} & {}^{1|}\lrcorner_{_2|} \\ \hline {}^{1|}\lrcorner_{_{|1}} & {}^{2|}\lrcorner_{_{|1}} & {}^{1|}\lrcorner_{_{|1}} \end{array} \right] = \left[ \begin{array}{cc|c} \lrcorner & \lrcorner & \lrcorner \\ \lrcorner & \lrcorner & \lrcorner \\ \hline \lrcorner & \lrcorner & \lrcorner \end{array} \right] = \left[ \begin{array}{cc|c} a & b & \alpha \\ c & d & \gamma \\ \hline \varepsilon & \delta & e \end{array} \right]$$

$${}^{2|1}\mathbb{C}^{\mathbb{C}}_{\substack{2|1 \\ \triangleright \\ \varpi}}\mathbb{C} \xrightarrow{\mu} \underbrace{{}^{2|1}\mathbb{C}^{\mathbb{C}}_{\substack{2|1 \\ \triangleright \\ \varpi}}\mathbb{C}}_{\mathbf{x}} \underbrace{{}^{2|1}\mathbb{C}^{\mathbb{C}}_{\substack{2|1 \\ \triangleright \\ \varpi}}\mathbb{C}}$$

$$\mu^{|i|\lrcorner_{_{|k|}}} = \sum_j {}^{|i|}\lrcorner_{_{|j|}} {}^{|j|}\lrcorner_{_{|k|}}$$

$${}^{p|q}\mathbb{C}_{\substack{p|q \\ \triangleright \\ \varpi}}\mathbb{C} = {}^{SL(p|q)}\substack{\triangleright \\ \varpi}\mathbb{C} = \mathbb{C} \left[ \begin{array}{c|c} \cdot a. & \cdot \beta. \\ \cdot \gamma. & \cdot d. \\ \hline ev & odd \\ \hline odd & ev \end{array} \right] \\ \det \underbrace{a \det d - \beta \Delta \gamma}_{= \det^{p+1} d} = \det^{p+1} d$$

$${}^{1|1}\mathbb{C}_{\substack{1|1 \\ \triangleright \\ \varpi}}\mathbb{C} = {}^{SL(1|1)}\substack{\triangleright \\ \varpi}\mathbb{C} = \mathbb{C} \left[ \begin{array}{c|c} a & \beta \\ \gamma & d \\ \hline ev & odd \\ \hline odd & ev \end{array} \right] \\ a \det d - \beta \gamma = \det^2 d$$

$$\text{Ber} \frac{\cdot a.}{\cdot \gamma.} \left| \begin{array}{c} \cdot \beta. \\ \cdot d. \end{array} \right. = \det \underbrace{\cdot a. - \cdot \beta. \cdot d.^{-1} \cdot \gamma.}_{= \det \cdot d.} \det \cdot d. = 1 \Leftrightarrow$$

$$\det \underbrace{\cdot a. - \cdot \beta. \cdot d.^{-1} \cdot \gamma.}_{= \det \cdot d.} = \det \cdot d. \Leftrightarrow$$

$$\det \underbrace{\cdot a. \det \cdot d. - \cdot \beta. \Delta \cdot \gamma.}_{= \det \det \cdot d. \underbrace{\cdot a. - \cdot \beta. \cdot d.^{-1} \cdot \gamma.}_{= \det \cdot d.}} = \det \overbrace{\det \det \cdot d. \underbrace{\cdot a. - \cdot \beta. \cdot d.^{-1} \cdot \gamma.}_{= \det \cdot d.}}^p = \det^p \cdot d.$$