

$$\text{format } 0|k_1\times..\times 0|k_\ell$$

$$W=\mathbb{C}^{0|k_1}\times..\times \mathbb{C}^{0|k_\ell}$$

$$V=\mathbb{C}^{0|k_1\times..\times 0|k_\ell}=\frac{v^{i_1\cdots i_\ell}}{\bigwedge_{j=1}^{\ell}0\leqslant i_j\leqslant k_j}$$

$$X=\mathring{\mathbb{C}}^{0|k_1}\times..\times \mathring{\mathbb{C}}^{0|k_\ell}\underset{\text{Seg}}{\subseteq}\mathring{\mathbb{C}}^{0|k_1\times..\times 0|k_\ell}:\quad \mathring{v}_1^{i_1}..\mathring{v}_\ell^{i_\ell}\mapsto \overline{\mathring{v}_1^{i_1}..\mathring{v}_\ell^{i_\ell}}$$

$$X^\vee\underset{\max}{\subseteq}\mathring{V}^*\Leftrightarrow k_j\leqslant\sum_{i\neq j}k_i\text{ square format}$$

$$X^\vee=\mathring{N}\left(\det_{k_1\cdots k_\ell}\right)$$

$$\det_{k_1\cdots k_\ell}\in\Re\left(\mathring{V}^*\right)$$

$$X=\mathring{\mathbb{C}}^{0|m}\times\mathring{\mathbb{C}}^{0|n}\underset{\text{Seg}}{\subseteq}\mathring{\mathbb{C}}^{0|m\times 0|n}:\quad \mathring{v}^i\mathring{w}^j\mapsto \overline{\mathring{v}^i\mathring{w}^j}$$

$$X=\frac{\mathring{z}^{ij}}{\det\frac{z^{ij}}{z^{kj}}\bigg|\frac{z^{i\ell}}{z^{k\ell}}}=0$$

$$\mathring{\mathbb{C}}^{0|m}\times\mathring{\mathbb{C}}^{0|n}\underset{\max}{\subseteq}\mathring{\mathbb{C}}^{0|m\times 0|n}\Leftrightarrow m=n$$