

cones $\sigma \subset \mathbb{R}^n$

fan $\Sigma \ni \sigma$

$$\mathbb{C}_\Sigma^n = \bigcup_{\sigma}^{\Sigma} \mathbb{C}_x^{n-\sigma}$$

$n = 1$

$$|\mathbb{C}_x^1| = \mathbb{C}_x$$

$$|\mathbb{C}_x^1| \mathbb{C}_x^0 = \mathbb{C}$$

$$\mathbb{C}_x^0 | \mathbb{C}_x^1 | \mathbb{C}_x^0 = {}^x\mathbb{C}$$

$n = 2$

$$\begin{array}{|c|} \hline \mathbb{C}_x^2 \\ \hline \end{array} = \mathbb{C}_x^2$$

$$\begin{array}{|c|c|} \hline \mathbb{C}_x^1 & \mathbb{C}_x^0 \\ \mathbb{C}_x^2 & \mathbb{C}_x^1 \\ \hline \end{array} = \mathbb{C}^2$$

$$\begin{array}{|c|c|c|} \hline \mathbb{C}_x^0 & \mathbb{C}_x^1 & \mathbb{C}_x^0 \\ \mathbb{C}_x^1 & \mathbb{C}_x^2 & \mathbb{C}_x^1 \\ \hline \end{array} = {}^x\mathbb{C} \times \mathbb{C}$$

$$\begin{array}{|c|c|c|} \hline \mathbb{C}_x^0 & \mathbb{C}_x^1 & \mathbb{C}_x^0 \\ \mathbb{C}_x^1 & \mathbb{C}_x^2 & \mathbb{C}_x^1 \\ \mathbb{C}_x^0 & \mathbb{C}_x^1 & \mathbb{C}_x^0 \\ \hline \end{array} = {}^x\mathbb{C}^2$$