$$\text{non-convex open cone } \Omega \subset X^{\sharp}$$

$$\text{slice } \Lambda \subset \Omega \subset X^{\sharp}$$

$$\Omega = \bigcup_{\Lambda} \Lambda$$

$$\Omega \cap \text{ co} \bigcup_{0 \leqslant j \leqslant q} \Lambda_j = \bigcup_{\Lambda \subset \text{ co} \bigcup\limits_{0 \leqslant j \leqslant q} \Lambda_j} \Lambda$$

$$\text{dual slice } \Lambda^{\geqslant} = \Lambda^{>} \times \Lambda^{=} \subset X$$

$$\text{dual cone } \Omega^{\geqslant} = \bigcup_{\Lambda} \Lambda^{\geqslant} \subset X$$

$$iX + \Omega^{\geqslant} = \bigcup_{\Lambda} iX + \Lambda^{\geqslant} \text{ open cover}$$

$$\text{Leray nerves } \bigcap_{0 \leqslant j \leqslant q} iX + \Lambda_j^{\geqslant} = iX + \bigcap_{0 \leqslant j \leqslant q} \Lambda_j^{\geqslant} = iX + \overbrace{\text{co} \bigcup_{0 \leqslant j \leqslant q} \Lambda_j}^{\geqslant}$$

$$\text{ʅ} \in {}^{iX}\triangle^{2}\mathbb{C} \Rightarrow {}^{\sharp}\text{ʅ} \in \mathbb{C}\triangledown^{2}_{X^{\sharp}}$$

$${}^{\sharp}\text{ʅ}_{\xi} = \int_{dy}^{iX} \mathfrak{e}^{y\xi}\, {}^{y}\text{ʅ}$$

$$\text{ɩ} \in \mathbb{C}\triangledown^{2}_{\Omega} \Rightarrow \text{ cycle } {}^{z}\text{ɩ}_{\sharp}^{\Lambda_0 \cdots \Lambda_q} = \int_{d\xi}^{\Omega \cap \text{ co} \bigcup\limits_{0 \leqslant j \leqslant q} \Lambda_j} {}^{z}\mathfrak{e}_{\xi}\, \text{ɩ}_{\xi} \in {}_{\bigcap\limits_{0 \leqslant j \leqslant q}} iX + \Lambda_j^{\geqslant}\triangle^{2}_{\omega}\mathbb{C}$$

$$\text{ʅ} \in {}^{iX}\triangle^{2}_{\omega}\mathbb{C} \Rightarrow \text{ cycle } {}^{z}\text{ʅ}^{\Lambda_0 \cdots \Lambda_q} = \int_{d\xi}^{\Omega \cap \text{ co} \bigcup\limits_{0 \leqslant j \leqslant q} \Lambda_j} {}^{z}\mathfrak{e}_{\xi}\, {}^{\sharp}\text{ʅ}_{\xi} = \int_{d\xi}^{\Omega \cap \text{ co} \bigcup\limits_{0 \leqslant j \leqslant q} \Lambda_j} \int_{dy}^{iX} {}^{z-y}\mathfrak{e}_{\xi}\, {}^{y}\text{ʅ} \in {}_{\bigcap\limits_{0 \leqslant j \leqslant q}} iX + \Lambda_j^{\geqslant}\triangle^{2}_{\omega}\mathbb{C}$$