

$$\mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ \infty \\ \blacktriangleleft \end{array} \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ pq \\ \blacktriangleleft \end{array} \mathbb{C} = \frac{\bar{\partial}\gamma = \frac{\partial\gamma}{\partial\bar{z}^j} d\bar{z}^j}{\gamma \in \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ \infty \\ \blacktriangleleft \end{array} \mathbb{C}}$$

$$\mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ \infty \\ \blacktriangleleft \end{array} \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ pq \\ \blacktriangleleft \end{array} \mathbb{C} = \frac{\mathfrak{A} = d\bar{z}^j \mathfrak{A}}{\bar{\partial}\mathfrak{A} = 0: \frac{\partial_i \mathfrak{A}}{\partial\bar{z}^j} = \frac{\partial_j \mathfrak{A}}{\partial\bar{z}^i}}$$

$$\mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ \infty \\ \blacktriangleleft \end{array} \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ pq \\ \blacktriangleleft \end{array} \mathbb{C}$$

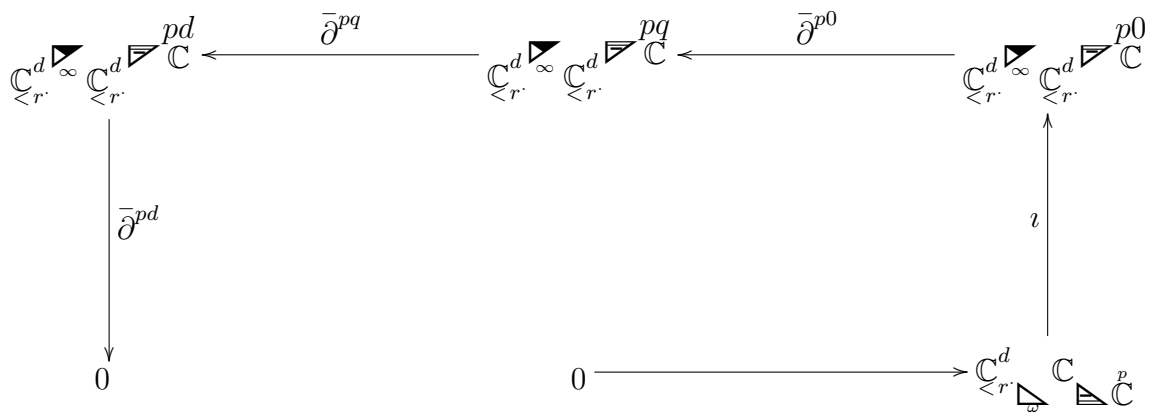
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$$\mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ \infty \\ \blacktriangleleft \end{array} \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ pq \\ \blacktriangleleft \end{array} \mathbb{C} = \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ \infty \\ \blacktriangleleft \end{array} \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ pq \\ \blacktriangleleft \end{array} \mathbb{C} \cap \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ \infty \\ \blacktriangleleft \end{array} \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ pq \\ \blacktriangleleft \end{array} \mathbb{C}$$

$$0 \xleftarrow{\bar{\partial}^{pd}} \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ \infty \\ \blacktriangleleft \end{array} \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ pd \\ \blacktriangleleft \end{array} \mathbb{C} \xleftarrow{\bar{\partial}^{p(d-1)}} \dots \xleftarrow{\bar{\partial}^{p0}} \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ \infty \\ \blacktriangleleft \end{array} \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ p0 \\ \blacktriangleleft \end{array} \mathbb{C} \xleftarrow{i} \mathbb{C}_{\leq r}^d \begin{array}{c} \blacktriangleright \\ \omega \\ \blacktriangleleft \end{array} \mathbb{C} \xleftarrow{p} \mathbb{C} \xleftarrow{p} 0 \text{ exact}$$



$$\Rightarrow \bigwedge_{q > 0} \mathbb{C}_{<r'}^d \triangleleft_{\infty} \mathbb{C}_{<r'}^d \triangleleft_{pq} \mathbb{C} = 0$$

$$\mathbb{C}_{<r'}^d \triangleleft_{\infty} \mathbb{C}_{<r'}^d \triangleleft_{p0} \mathbb{C} = \mathbb{C}_{<r'}^d \triangleleft_{\omega} \mathbb{C} \triangleleft_p \mathbb{C}$$