$$K^{p,q-1} \xrightarrow{\delta^{p,q-1}} K^{p,q} \xrightarrow{\delta^{p,q}} K^{p,q+1}$$

$$K^{p,q} \xrightarrow{d^{p,q}} K^{p+1,q} \xrightarrow{d^{p+1,q}} K^{p+2,q}$$

Since $d^{p,q}\,\delta^{p,q-1} + \delta^{p+1,q-1} d^{p,q-1} = 0$,

$$\begin{array}{ccc} H^q_\delta(K^{p,*}) & \xrightarrow{d^{p,q}} & H^q_\delta(K^{p+1,*}) \\ \| & & \| \\ \dfrac{\ker \delta^{p,q}}{\operatorname{Im} \delta^{p,q-1}} & & \dfrac{\ker \delta^{p+1,q}}{\operatorname{Im} \delta^{p+1,q-1}} \end{array}$$

$$d^{p,q}\,\delta^{p,q-1}(a) + \delta^{p+1,q-1} d^{p,q-1}(a) = 0$$

$\Rightarrow$ $d^{p,q}\,\delta^{p,q-1}(a) = -\delta^{p+1,q-1} d^{p,q-1}(a) \in \operatorname{Im} \delta^{p+1,q-1}$

$\Rightarrow$ $d^{p,q}$ is well-defined. This is it, that is,

$$\longrightarrow H^q_\delta(K^{p,*}) \xrightarrow{d} H^q_\delta(K^{p+1,*}) \xrightarrow{d}$$

has meaning. ⅃

There is one point to be careful of here. A class $[a] \in {}'E_1^{p,q}$ is given by $a \in K^{p,q}$ satisfying $\delta a = 0$ and taken modulo $\delta K^{p,q-1}$. Then a class $[a] \in {}'E_2^{p,q}$ is given by $a \in K^{p,q}$ satisfying

$$\begin{cases} \delta a = 0 \\ da \in \delta K^{p+1,q-1} \end{cases}$$

and taken modulo

$$\delta K^{p,q-1} + dK^{p-1,q} \cap \ker\delta;$$

we can not assume $da = 0$, but only that $[da] = 0$ in $H^q_\delta(K^{p+1,*})$.

$$\ulcorner\; H^q_\delta(K^{p,*}) = \frac{\ker \delta^{p,q}}{\delta K^{p,q-1}} \xrightarrow{d} \frac{\ker \delta^{p+1,q}}{\delta K^{p+1,q-1}} = H^q_\delta(K^{p+1,*})$$