$$K^{p+q-1} \quad \Rightarrow \quad E_r^{p,q} = \frac{\{a \in F^pK^{p+q} ;\ da=0\}}{dK^{p+q-1} + F^{p+1}K^{p+q}}$$

$$\begin{array}{ccccc} F^pK^{p+q-1} & \xrightarrow{d} & F^pK^{p+q} & \xrightarrow{d} & F^pK^{p+q+1} \\ \cup & & \cup & & \cup \\ F^{p+1}K^{p+q-1} & \xrightarrow{d} & F^{p+1}K^{p+q} & \xrightarrow{d} & F^{p+1}K^{p+q+1} \end{array}$$

$$F^pH^{p+q}(K^*) = \frac{\{a \in F^pK^{p+q} ;\ da=0\}}{d(F^pK^{p+q-1})}$$

$$F^{p+1}H^{p+q}(K^*) = \frac{\{a \in F^{p+1}K^{p+q} ;\ da=0\}}{d(F^{p+1}K^{p+q-1})}$$

$$\iota_* F^{p+1}H^{p+q}(K^*) = \frac{\{a \in F^{p+1}K^{p+q} ;\ da=0\} + d(F^pK^{p+q-1})}{d(F^pK^{p+q-1})}$$

$$\Rightarrow \frac{F^pH^{p+q}(K^*)}{F^{p+1}H^{p+q}(K^*)} = \frac{\{a \in F^pK^{p+q} ;\ da=0\}}{\{a \in F^{p+1}K^{p+q} ;\ da=0\} + d(F^pK^{p+q-1})}$$

$$\Big\downarrow h$$

$$E_r^{p,q}$$

h is well-defined, for $d(a+dx)=0$. and $a+dx \in F^{p+1}K^{p+q} + dK^{p+q-1}$. $a+dx \in F^pK^{p+q}$

$\Rightarrow \quad a+dx \in (dK^{p+q-1} + F^{p+1}K^{p+q}) \cap \{a \in F^pK^{p+q} ;\ da=0\}$

Clearly h is onto.

But we can not prove

$$\{a \in F^{p+1}K^{p+q} :\ da=0\} + d(F^pK^{p+q-1}) \supset dK^{p+q-1} + F^{p+1}K^{p+q}.$$