$$''E_0^{p,q} \cong C^q(\underline{U}, K^p) \xrightarrow{\ \delta\ } {}''E_0^{p,q+1} \cong C^{q+1}(\underline{U}, K^p)$$

$$\Rightarrow \quad ''E_1^{p,q}(\underline{U}) = H^q(\underline{U}, K^p)$$

$$\Rightarrow \quad \begin{array}{ccc} ''E_1^{p,q}(\underline{U}) & \xrightarrow{\ d\ } & ''E_1^{p+1,q} \\ \| & & \| \\ H^q(\underline{U}, K^p) & & H^q(\underline{U}, K^{p+1}) \end{array}$$

$$\Rightarrow \quad ''E_2^{p,q}(\underline{U}) = \frac{\ker d}{\operatorname{Im} d}, \text{ where}$$

$$\xrightarrow{\ d\ } H^q(\underline{U}, K^p) \xrightarrow{\ d\ } H^q(\underline{U}, K^{p+1}) \xrightarrow{\ d\ }$$

As in the proof above, we can show

$$''E_2^{p,q} = \lim_{\underline{U}} {}''E_2^{p,q}(\underline{U}) = \lim_{\underline{U}} \frac{\ker d}{\operatorname{Im} d}$$

$$= H_d^q(H^*(X, K^*)) = \frac{\ker d}{\operatorname{Im} d}, \text{ where}$$

$$\xrightarrow{\ d\ } H^q(X, K^p) \xrightarrow{\ d\ } H^q(X, K^{p+1}) \longrightarrow$$

$$\begin{array}{ccccccccc}
 & & & & & & ''E_2^{p,q}(\underline{U}) & & \\
 & & & & & & \| & & \\
0 & \longrightarrow & \operatorname{Im} d(\underline{U}) & \longrightarrow & \ker d(\underline{U}) & \longrightarrow & H_d(H(\underline{U}, K^*)) & \longrightarrow & 0 \\
 & & \downarrow & & \downarrow & & \downarrow & & \\
0 & \longrightarrow & \operatorname{Im} d(\underline{U}') & \longrightarrow & \ker d(\underline{U}') & \longrightarrow & H_d(H(\underline{U}', K^*)) & \longrightarrow & 0 \\
 & & & & & & \| & & \\
 & & & & & & ''E_2^{p,q}(\underline{U}') & & \\
 & & \downarrow & & \downarrow & & \downarrow & & \\
 & & \vdots & & \vdots & & \vdots & & \\
0 & \longrightarrow & \operatorname{Im} d & \longrightarrow & \ker d & \longrightarrow & H_d(H^*(X, K^*)) & \longrightarrow & 0 \\
 & & & & & & \| & & \\
 & & & & & & ''E_2^{p,q} & &
\end{array}$$

Refer to p40.