

$$\begin{array}{ccccccc}
 \dots & & & & & & \\
 \downarrow & & & & & & \\
 H^{q-1}(U \cap V) & \xrightarrow{d^*} & H^q(M) & \xrightarrow{i^*} & H^q(U) \oplus H^q(V) & \longrightarrow & H^q(U \cap V) \\
 & & & & & & \downarrow \\
 & & & & & & \dots
 \end{array}$$