

$$\begin{array}{ccccccc}
 & & \xrightarrow{\quad d^{n-1} \quad} & & \xrightarrow{\quad d^n \quad} & & \\
 X^{n-1} & \xrightarrow{\quad \twoheadrightarrow \quad} & B^n & \hookrightarrow & X^n & \xrightarrow{\quad \twoheadrightarrow \quad} & B^{n+1} & \hookrightarrow & X^{n+1} \\
 & \searrow & \nearrow & \searrow & \nearrow & \searrow & \nearrow & \searrow & \nearrow \\
 & & C^{n-1} & & Z^n & & C^n & & Z^{n+1} \\
 & \nearrow & & \searrow & \nearrow & \searrow & \nearrow & \searrow & \nearrow \\
 H^{n-1} & & & & H^n & & & & H^{n+1}
 \end{array}$$