

$$\begin{array}{ccccccc}
X^{n+1} & \longrightarrow & I^0(B^{n+1}) \oplus I^0(H^{n+1}) \oplus I^0(B^{n+2}) & \longrightarrow & I^1(B^{n+1}) \oplus I^1(H^{n+1}) \oplus I^1(B^{n+2}) & \longrightarrow & \dots \\
\uparrow & & \uparrow e_1 p_3 & & \uparrow e_1 p_3 & & \\
X^n & \longrightarrow & I^0(B^n) \oplus I^0(H^n) \oplus I^0(B^{n+1}) & \longrightarrow & I^1(B^n) \oplus I^1(H^n) \oplus I^1(B^{n+1}) & \longrightarrow & \dots \\
\uparrow & & \uparrow e_1 p_3 & & \uparrow e_1 p_3 & & \\
X^{n-1} & \longrightarrow & I^0(B^{n-1}) \oplus I^0(H^{n-1}) \oplus I^0(B^n) & \longrightarrow & I^1(B^{n-1}) \oplus I^1(H^{n-1}) \oplus I^1(B^n) & \longrightarrow & \dots
\end{array}$$