

$$\begin{array}{ccccccc}
 \dots & \begin{array}{c} \xrightarrow{n+2} \\ \text{---} \\ \xrightarrow{n+2} \end{array} & S_n & \begin{array}{c} \xrightarrow{n+1} \\ \text{---} \\ \xrightarrow{n+1} \end{array} & \dots & \begin{array}{c} \xrightarrow{3} \\ \text{---} \\ \text{---} \\ \text{---} \\ \xrightarrow{3} \end{array} & S_1 & \begin{array}{c} \xrightarrow{2} \\ \text{---} \\ \text{---} \\ \xrightarrow{2} \end{array} & S_0 \\
 & & \downarrow f_n & & & \downarrow f_1 & & \downarrow f_0 \\
 \dots & \begin{array}{c} \text{---} \\ \xrightarrow{n+2} \end{array} & T_n & \begin{array}{c} \text{---} \\ \xrightarrow{n+1} \end{array} & \dots & \begin{array}{c} \text{---} \\ \text{---} \\ \text{---} \\ \xrightarrow{3} \end{array} & T_1 & \begin{array}{c} \text{---} \\ \text{---} \\ \xrightarrow{2} \end{array} & T_0
 \end{array}$$