

$ \begin{array}{c} X^{p+2} \oplus Y^{p+1} \xlongequal{\quad} E^{p+1} \\ \left(\begin{array}{cc} -d_X & 0 \\ f & d_Y \end{array} \right) \uparrow \\ X^{p+1} \oplus Y^p \xlongequal{\quad} E^p \\ \left(\begin{array}{cc} -d_X & 0 \\ f & d_Y \end{array} \right) \uparrow \\ X^p \oplus Y^{p-1} \xlongequal{\quad} E^{p-1} \\ \left(\begin{array}{cc} -d_X & 0 \\ f & d_Y \end{array} \right) \uparrow \\ X^{p-1} \oplus Y^{p-2} \xlongequal{\quad} E^{p-2} \end{array} $	$ \begin{array}{c} Y^{p+2} \\ \searrow \cdots \hookrightarrow \\ Y^{p+1} \\ \searrow \cdots \hookrightarrow \\ Y^p \\ \searrow \cdots \hookrightarrow \\ Y^{p-1} \end{array} $	$ \begin{array}{c} X^{p+2} \\ \uparrow \\ X^{p+1} \\ \uparrow \\ X^p \\ \uparrow \\ X^{p-1} \end{array} $	$ \begin{array}{c} Y^{p+2} \\ \uparrow \\ Y^{p+1} \\ \uparrow \\ Y^p \\ \uparrow \\ Y^{p-1} \end{array} $
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">初</div>		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">E_0</div>	