$$n = \qquad 3 \qquad 5 \qquad 7 \qquad \cdots \qquad 2r-5 \qquad 2r-3 \qquad 2r-1 \qquad stable$$

$$
\begin{array}{ccccccccc}
a_{r-1} & & a_{r-2} & & a_{r-3} & & a_3 & & a_2 & & (a_1) \\
\scriptstyle H \nwarrow & & \scriptstyle H \nwarrow & & \scriptstyle H \nwarrow & & \scriptstyle H \nwarrow & & \scriptstyle H \nwarrow & &
\end{array}
$$

$$k = rq-2 \qquad \alpha_r^*(3) \;\hookrightarrow\; \alpha_r^{*\prime}(5) \;\to\; \alpha_r^{*\prime}(7) \quad \cdots \quad \alpha_r^{*\prime}(2r-5) \qquad \alpha_r^{*\prime}(2r-3) \qquad \alpha_r^*(2r-1)$$

$$
\begin{array}{cccccccc}
A_{r-1} & & A_{r-2} & & A_{r-3} & & A_2 & & A_1 & & A_0 \\
\scriptstyle H\nwarrow & & \scriptstyle H\nwarrow & & \scriptstyle P\nwarrow & & \scriptstyle P\nwarrow & & \scriptstyle P\nwarrow & & \scriptstyle P\nwarrow
\end{array}
$$

$$k = rq-1 \qquad \alpha_r(3) \;\hookrightarrow\; \alpha_r'(5) \;=\; \alpha_r'(7) \;=\; \cdots \;=\; \alpha_r'(2r-5) \;=\; \alpha_r'(2r-3) \;=\; \alpha_r'(2r-1) \xrightarrow{E^\infty} \alpha_r'$$