

$$\begin{array}{ccccccccccc}
n = & & 3 & & 5 & & 7 & & \cdots & & 2r-5 & & 2r-3 & & 2r-1 & & \textit{stable} \\
& & \swarrow^H & & \swarrow^H & & \swarrow^H & & & & \swarrow^H & & \swarrow^H & & \swarrow^H & & \\
k = rq - 2 & & a_{r-1} & & a_{r-2} & & a_{r-3} & & \cdots & & a_3 & & a_2 & & a_1 & & \\
& & \swarrow^P & & \swarrow^P & & \swarrow^P & & & & \swarrow^P & & \swarrow^P & & \swarrow^P & & \\
& & \alpha_r^*(3) & & \alpha_r^*(5) & & \alpha_r^*(7) & & \cdots & & \alpha_r^*(2r-5) & & \alpha_r^*(2r-3) & & \alpha_r^*(2r-1) & & \\
& & \swarrow^H & & & & & & & & \swarrow^H & & \swarrow^H & & \swarrow^H & & \\
& & A_{r-1} & & A_{r-2} & & A_{r-3} & & & & A_2 & & A_1 & & A_0 & & \\
k = rq - 1 & & \alpha_r(3) & = & \alpha_r(5) & = & \alpha_r(7) & = & \cdots & = & \alpha_r(2r-5) & = & \alpha_r(2r-3) & = & \alpha_r(2r-1) & \xrightarrow{E^\infty} & \alpha_r
\end{array}$$