

$$\begin{array}{cccccccccccccccc}
x & x+1 & x+2 & \cdots & x-3 & x-2 & x-1 & 2x+1 & 1x+2 & 2x+3 & \cdots & x-2 & x-1 & 2x \\
| & | & | & & | & | & | & | & | & | & | & | & | & | \\
0 & 1 & 2 & & x-3 & x-2 & x-1 & 1 & 2 & 3 & & x-2 & x-1 & 0
\end{array}$$

The perfect linear realizations \mathbf{g}_1 and \mathbf{g}_2 for $\{(x-1)^{x-1}, x^x\}$ and $\{x^{x+2}, (x+1)^{x-1}\}$ respectively.