$$T = \begin{bmatrix} 7 & 4 & 2 & 1 \\ 8 & 5 & 3 \end{bmatrix} \qquad S = S(16243) = \begin{bmatrix} 3 & 1 \\ 5 & 5 \end{bmatrix}$$

$$\operatorname{sh}(S^{[1]}) = \begin{bmatrix} \\ \\ \end{bmatrix}, \quad \operatorname{sh}(S^{[2]}) = \begin{bmatrix} \\ \\ \end{bmatrix}, \quad \operatorname{sh}(S^{[3]}) = \begin{bmatrix} \\ \\ \end{bmatrix}, \quad \operatorname{sh}(S^{[4]}) = \begin{bmatrix} \\ \\ \end{bmatrix}, \quad \operatorname{sh}(S^{[5]}) = \begin{bmatrix} \\ \\ \end{bmatrix}$$