

$$\begin{bmatrix} a_1 & b_1 & 0 & 0 & 0 \\ c_1 & a_2 & b_2 & 0 & 0 \\ 0 & c_2 & a_3 & b_3 & 0 \\ 0 & 0 & c_3 & a_4 & b_4 \end{bmatrix}$$

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$$\begin{bmatrix} a_1 & b_1 & 0 & 0 \\ \updownarrow & \updownarrow & \updownarrow & \\ c_1 & a_2 & b_2 & 0 \\ \swarrow & \swarrow & \swarrow & \\ c_2 & a_3 & b_3 & 0 \\ \swarrow & \swarrow & \swarrow & \\ c_3 & a_4 & b_4 & 0 \end{bmatrix}$$