$$\underbrace{\left(\begin{array}{rrrrrr} 1 & -1/4 & -1/4 & -1/4 & -1/4 & 0 \\ -1/2 & 1 & 0 & -1/2 & 0 & 0 \\ -1/2 & 0 & 1 & 0 & -1/2 & 0 \\ -1/4 & -1/4 & 0 & 1 & -1/4 & -1/4 \\ -1/4 & 0 & -1/4 & -1/4 & 1 & -1/4 \\ 0 & 0 & 0 & -1/2 & -1/2 & 1 \\ \hline 0 & \omega & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \omega & 0 \end{array}\right)}_{\mathrm{M}} \underbrace{\left(\begin{array}{c} q_0 \\ q_1 \\ q_2 \\ q_3 \\ q_4 \\ q_5 \end{array}\right)}_{q} = \underbrace{\left(\begin{array}{c} \delta_0 \\ \delta_1 \\ \delta_2 \\ \delta_3 \\ \delta_4 \\ \delta_5 \\ \hline \omega\, c_1 \\ \omega\, c_4 \end{array}\right)}_{b}$$