

$$\begin{array}{c}
0 \\
1 \\
2 \\
3
\end{array}
\begin{array}{c}
0 \qquad 1 \qquad 2 \qquad 3 \\
\left(\begin{array}{cccc}
4-k & -1 & -2+k & -1 \\
-1 & 4+k & -1 & -2-k \\
-2+k & -1 & 4-k & -1 \\
-1 & -2-k & -1 & 4+k
\end{array} \right)
\end{array}
\alpha$$

$$\alpha = (6 \sin(\gamma))^{-1}, \quad k = 3 \cos(\gamma), \quad \gamma = \pi/3$$