$$K_{79}^{2} = \begin{bmatrix} \frac{-3\,U}{t} & -\left(\frac{U^2}{\sqrt{2}\,t^2}\right) & 4 & \frac{U}{\sqrt{2}\,t} \\ -\left(\frac{U^2}{\sqrt{2}\,t^2}\right) & \frac{-7\,U}{2\,t} & -\left(\frac{U}{\sqrt{2}\,t}\right) & -4 \\ 4 & -\left(\frac{U}{\sqrt{2}\,t}\right) & \frac{-7\,U}{t} & 0 \\ \frac{U}{\sqrt{2}\,t} & -4 & 0 & \frac{-15\,U}{2\,t} \end{bmatrix}$$