$$K_{80}^2 = \begin{bmatrix} \frac{-6\,U}{t} & \frac{-3\,U}{\sqrt{2}\,t} & 4 & 0 & \frac{\sqrt{2}\,U}{t} & 0 & 0 & -\left(\frac{U}{t}\right) \\ \frac{-3\,U}{\sqrt{2}\,t} & \frac{-9\,U}{2\,t} & -\left(\frac{U^2}{\sqrt{2}\,t^2}\right) & -\left(\frac{U^2}{t^2}\right) & -\left(\frac{U}{t}\right) & -4 & 0 & -\left(\frac{U}{\sqrt{2}\,t}\right) \\ 4 & -\left(\frac{U^2}{\sqrt{2}\,t^2}\right) & \frac{-4\,U}{t} & 0 & 0 & -\left(\frac{U}{\sqrt{2}\,t}\right) & -\left(\frac{U}{t}\right) & 0 \\ 0 & -\left(\frac{U^2}{t^2}\right) & 0 & \frac{-6\,U}{t} & -4 & \frac{U}{t} & -\left(\frac{\sqrt{2}\,U}{t}\right) & 0 \\ \frac{\sqrt{2}\,U}{t} & -\left(\frac{U}{t}\right) & 0 & -4 & \frac{-3\,U}{t} & -\left(\frac{U^2}{t^2}\right) & 0 & 0 \\ 0 & -4 & -\left(\frac{U}{\sqrt{2}\,t}\right) & \frac{U}{t} & -\left(\frac{U^2}{t^2}\right) & \frac{-9\,U}{2\,t} & \frac{3\,U}{\sqrt{2}\,t} & \frac{U^2}{\sqrt{2}\,t^2} \\ 0 & 0 & -\left(\frac{U}{t}\right) & -\left(\frac{\sqrt{2}\,U}{t}\right) & 0 & \frac{3\,U}{\sqrt{2}\,t} & \frac{-3\,U}{t} & -4 \\ -\left(\frac{U}{t}\right) & -\left(\frac{U}{\sqrt{2}\,t}\right) & 0 & 0 & 0 & \frac{U^2}{\sqrt{2}\,t^2} & -4 & \frac{-5\,U}{t} \end{bmatrix}$$