$$
K_{94}^2 \quad = \quad \left[\begin{array}{cccccccccccccccc}
\frac{-21\,U}{4\,t} & \frac{\mathbf{i}}{4}\sqrt{3}\,U^2 & \frac{\mathbf{i}}{4}\left(3\,\mathbf{i}+\sqrt{3}\right)U^2 & 0 & 0 & \frac{3\left(-\mathbf{i}+\sqrt{3}\right)U}{2\sqrt{2}\,t} & 0 & \frac{\left(3\,\mathbf{i}+\sqrt{3}\right)U}{4\sqrt{2}\,t} & 0 & 0 & 0 & \frac{3\left(-\mathbf{i}+\sqrt{3}\right)U}{4\sqrt{2}\,t} & -\left(\frac{\sqrt{3}\,U}{t}\right) & \frac{\frac{3}{4}\mathbf{i}\,U^2}{t^2} & \frac{-3\left(-\mathbf{i}+\sqrt{3}\right)U^2}{4\sqrt{2}\,t^2} & \frac{\frac{-3}{4}\mathbf{i}\,U}{t} \\
\frac{\frac{-\mathbf{i}}{4}\sqrt{3}\,U^2}{t^2} & \frac{-21\,U}{4\,t} & \frac{3\left(1+\mathbf{i}\sqrt{3}\right)U}{4\sqrt{2}\,t} & 0 & 0 & 0 & \frac{\sqrt{\frac{3}{2}}\,U}{2\,t} & 0 & \frac{-\left(\left(-3\,\mathbf{i}+\sqrt{3}\right)U\right)}{4\sqrt{2}\,t} & 0 & \frac{-\left(\sqrt{\frac{3}{2}}\,U\right)}{2\,t} & 0 & 0 & \frac{-7\sqrt{3}\,U}{4\,t} & \frac{-\left(\left(3\,\mathbf{i}+\sqrt{3}\right)U\right)}{4\sqrt{2}\,t} & \frac{\sqrt{3}\,U^2}{4\,t^2} \\
\frac{\frac{-\mathbf{i}}{4}\left(-3\,\mathbf{i}+\sqrt{3}\right)U^2}{\sqrt{2}\,t^2} & \frac{3\left(1-\mathbf{i}\sqrt{3}\right)U}{4\sqrt{2}\,t} & \frac{-6\,U}{t} & 0 & 0 & 0 & 0 & 0 & 0 & -\left(\frac{3\,\mathbf{i}+\sqrt{3}}{\sqrt{2}}\right) & 0 & 0 & \frac{-3\left(\mathbf{i}+\sqrt{3}\right)}{\sqrt{2}} & \frac{-\left(\left(-3\,\mathbf{i}+\sqrt{3}\right)U\right)}{4\sqrt{2}\,t} & -\left(\frac{\sqrt{3}\,U}{t}\right) & \frac{-\left(\left(-3\,\mathbf{i}+\sqrt{3}\right)U^2\right)}{4\sqrt{2}\,t^2} \\
0 & 0 & 0 & \frac{-4\,U}{t} & \frac{\left(1+\mathbf{i}\sqrt{3}\right)U}{\sqrt{2}\,t} & 0 & \frac{\sqrt{2}\,U-\mathbf{i}\sqrt{6}\,U}{4\,t} & 0 & \frac{\left(-2-\mathbf{i}\sqrt{3}\right)U}{\sqrt{2}\,t} & 0 & \frac{\left(2-\mathbf{i}\sqrt{3}\right)U}{\sqrt{2}\,t} & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & \frac{\left(1-\mathbf{i}\sqrt{3}\right)U}{\sqrt{2}\,t} & \frac{-7\,U}{t} & 0 & 0 & 0 & -\left(\frac{U}{t}\right) & 2\sqrt{2} & \frac{-\left(U+\mathbf{i}\sqrt{3}\,U\right)}{2\,t} & 0 & \sqrt{2}\,\left(3-\mathbf{i}\sqrt{3}\right) & 0 & 0 & 0 \\
\frac{3\left(\mathbf{i}+\sqrt{3}\right)U}{2\sqrt{2}\,t} & 0 & 0 & 0 & 0 & \frac{-11\,U}{2\,t} & \frac{\mathbf{i}}{4}\left(\mathbf{i}+\sqrt{3}\right)U^2 & 0 & -2 & \frac{\frac{-\mathbf{i}}{2}\left(-\mathbf{i}+\sqrt{3}\right)U}{\sqrt{2}\,t} & 2 & \frac{U}{t} & 0 & \sqrt{2}-\mathbf{i}\sqrt{6} & 0 & \frac{\sqrt{2}\,U-\mathbf{i}\sqrt{6}\,U}{4\,t} \\
0 & \frac{\sqrt{\frac{3}{2}}\,U}{2\,t} & 0 & \frac{\sqrt{2}\,U+\mathbf{i}\sqrt{6}\,U}{4\,t} & 0 & \frac{\frac{-\mathbf{i}}{4}\left(-\mathbf{i}+\sqrt{3}\right)U^2}{t^2} & \frac{-5\,U}{t} & 0 & \frac{-\left(U+3\,\mathbf{i}\sqrt{3}\,U\right)}{4\,t} & 0 & \frac{\left(2+\mathbf{i}\sqrt{3}\right)U}{2\,t} & 0 & 0 & \frac{3\,U}{2\sqrt{2}\,t} & \frac{U+\mathbf{i}\sqrt{3}\,U}{t} & 0 \\
\frac{\left(-3\,\mathbf{i}+\sqrt{3}\right)U}{4\sqrt{2}\,t} & 0 & 0 & 0 & 0 & 0 & \frac{-6\,U}{t} & \frac{\left(1-\mathbf{i}\sqrt{3}\right)U^2}{4\,t^2} & \frac{\left(3-\mathbf{i}\sqrt{3}\right)U}{\sqrt{2}\,t} & \frac{\left(1+\mathbf{i}\sqrt{3}\right)U^2}{4\,t^2} & \frac{\frac{-\mathbf{i}}{2}\sqrt{3}\,U}{t} & 0 & 0 & 0 & \frac{\left(3+\mathbf{i}\sqrt{3}\right)U}{4\sqrt{2}\,t} \\
0 & \frac{-\left(\left(3\,\mathbf{i}+\sqrt{3}\right)U\right)}{4\sqrt{2}\,t} & 0 & \frac{\mathbf{i}\left(2\,\mathbf{i}+\sqrt{3}\right)U}{\sqrt{2}\,t} & -\left(\frac{U}{t}\right) & -2 & \frac{\left(-1+3\,\mathbf{i}\sqrt{3}\right)U}{4\,t} & \frac{\left(1+\mathbf{i}\sqrt{3}\right)U^2}{4\,t^2} & \frac{-5\,U}{t} & -\left(\frac{U^2}{\sqrt{2}\,t^2}\right) & \frac{-\left(U+5\,\mathbf{i}\sqrt{3}\,U\right)}{4\,t} & \frac{8\,t^2+U^2-\mathbf{i}\sqrt{3}\,U^2}{4\,t^2} & \frac{U^2}{\sqrt{2}\,t^2} & \frac{\frac{-3}{4}\mathbf{i}\left(-\mathbf{i}+\sqrt{3}\right)U}{\sqrt{2}\,t} & -\left(\frac{U}{t}\right) & \sqrt{2}-\mathbf{i}\sqrt{6} \\
0 & 0 & -\left(\frac{-3\,\mathbf{i}+\sqrt{3}}{\sqrt{2}}\right) & 0 & 2\sqrt{2} & \frac{\frac{\mathbf{i}}{2}\left(\mathbf{i}+\sqrt{3}\right)U}{\sqrt{2}\,t} & 0 & \frac{\left(3+\mathbf{i}\sqrt{3}\right)U}{\sqrt{2}\,t} & -\left(\frac{U^2}{\sqrt{2}\,t^2}\right) & \frac{-4\,U}{t} & \frac{\frac{-\mathbf{i}}{2}\left(-\mathbf{i}+\sqrt{3}\right)U^2}{\sqrt{2}\,t^2} & 0 & 0 & 0 & \frac{1-\mathbf{i}\sqrt{3}}{\sqrt{2}} & 0 \\
0 & \frac{-\left(\sqrt{\frac{3}{2}}\,U\right)}{2\,t} & 0 & \frac{\left(2+\mathbf{i}\sqrt{3}\right)U}{\sqrt{2}\,t} & \frac{\mathbf{i}}{2}\left(\mathbf{i}+\sqrt{3}\right)U & 2 & \frac{\left(2-\mathbf{i}\sqrt{3}\right)U}{2\,t} & \frac{\left(1-\mathbf{i}\sqrt{3}\right)U^2}{4\,t^2} & \frac{\left(-1+5\,\mathbf{i}\sqrt{3}\right)U}{4\,t} & \frac{\mathbf{i}}{2}\left(\mathbf{i}+\sqrt{3}\right)U^2 & \frac{-5\,U}{t} & \frac{-\left(8\,t^2+U^2+\mathbf{i}\sqrt{3}\,U^2\right)}{4\,t^2} & \frac{\frac{-\mathbf{i}}{2}\left(-\mathbf{i}+\sqrt{3}\right)U^2}{\sqrt{2}\,t^2} & \frac{-3\,U}{2\sqrt{2}\,t} & \frac{U}{t} & \mathbf{i}\sqrt{2}\,\left(\mathbf{i}+\sqrt{3}\right) \\
\frac{3\left(\mathbf{i}+\sqrt{3}\right)U}{4\sqrt{2}\,t} & 0 & 0 & 0 & 0 & \frac{U}{t} & 0 & \frac{\mathbf{i}}{2}\sqrt{3}\,U & \frac{8\,t^2+U^2+\mathbf{i}\sqrt{3}\,U^2}{4\,t^2} & 0 & \frac{-\left(8\,t^2+U^2-\mathbf{i}\sqrt{3}\,U^2\right)}{4\,t^2} & \frac{-7\,U}{t} & \frac{\frac{-3}{2}\mathbf{i}\left(-3\,\mathbf{i}+\sqrt{3}\right)U}{\sqrt{2}\,t} & \mathbf{i}\sqrt{2}\,\left(\mathbf{i}+\sqrt{3}\right) & 0 & \frac{\sqrt{2}\,U-\mathbf{i}\sqrt{6}\,U}{8\,t} \\
-\left(\frac{\sqrt{3}\,U}{t}\right) & 0 & \frac{-3\left(-\mathbf{i}+\sqrt{3}\right)}{\sqrt{2}} & 0 & \sqrt{2}\,\left(3+\mathbf{i}\sqrt{3}\right) & 0 & 0 & 0 & \frac{U^2}{\sqrt{2}\,t^2} & 0 & \frac{\mathbf{i}}{2}\left(\mathbf{i}+\sqrt{3}\right)U^2 & \frac{\frac{3}{2}\mathbf{i}\left(3\,\mathbf{i}+\sqrt{3}\right)U}{\sqrt{2}\,t} & \frac{-6\,U}{t} & 0 & \frac{3-\mathbf{i}\sqrt{3}}{\sqrt{2}} & 0 \\
\frac{\frac{-3}{4}\mathbf{i}\,U^2}{t^2} & \frac{-7\sqrt{3}\,U}{4\,t} & \frac{-\left(\left(3\,\mathbf{i}+\sqrt{3}\right)U\right)}{4\sqrt{2}\,t} & 0 & 0 & \sqrt{2}+\mathbf{i}\sqrt{6} & \frac{3\,U}{2\sqrt{2}\,t} & 0 & \frac{\frac{3}{4}\mathbf{i}\left(\mathbf{i}+\sqrt{3}\right)U}{\sqrt{2}\,t} & 0 & \frac{-3\,U}{2\sqrt{2}\,t} & -\sqrt{2}-\mathbf{i}\sqrt{6} & 0 & \frac{-27\,U}{4\,t} & \frac{5\left(1+\mathbf{i}\sqrt{3}\right)U}{4\sqrt{2}\,t} & -4-\frac{U^2}{4\,t^2} \\
\frac{-3\left(\mathbf{i}+\sqrt{3}\right)U^2}{4\sqrt{2}\,t^2} & \frac{-\left(\left(-3\,\mathbf{i}+\sqrt{3}\right)U\right)}{4\sqrt{2}\,t} & -\left(\frac{\sqrt{3}\,U}{t}\right) & 0 & 0 & 0 & \frac{U-\mathbf{i}\sqrt{3}\,U}{t} & 0 & -\left(\frac{U}{t}\right) & \frac{1+\mathbf{i}\sqrt{3}}{\sqrt{2}} & \frac{U}{t} & 0 & \frac{3+\mathbf{i}\sqrt{3}}{\sqrt{2}} & \frac{5\left(1-\mathbf{i}\sqrt{3}\right)U}{4\sqrt{2}\,t} & \frac{-4\,U}{t} & \frac{\left(1-\mathbf{i}\sqrt{3}\right)U^2}{4\sqrt{2}\,t^2} \\
\frac{\frac{3}{4}\mathbf{i}\,U}{t} & \frac{\sqrt{3}\,U^2}{4\,t^2} & \frac{-\left(\left(3\,\mathbf{i}+\sqrt{3}\right)U^2\right)}{4\sqrt{2}\,t^2} & 0 & 0 & \frac{\sqrt{2}\,U+\mathbf{i}\sqrt{6}\,U}{4\,t} & 0 & \frac{\left(3-\mathbf{i}\sqrt{3}\right)U}{4\sqrt{2}\,t} & \sqrt{2}+\mathbf{i}\sqrt{6} & 0 & -\sqrt{2}-\mathbf{i}\sqrt{6} & \frac{\sqrt{2}\,U+\mathbf{i}\sqrt{6}\,U}{8\,t} & 0 & -4-\frac{U^2}{4\,t^2} & \frac{\left(1+\mathbf{i}\sqrt{3}\right)U^2}{4\sqrt{2}\,t^2} & \frac{-21\,U}{4\,t}
\end{array}\right]
$$