$$\left[\begin{array}{cccccccccccc}
\frac{16\left(\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}-120\right)}{15\,\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & -\frac{64}{\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & -\frac{16\left(\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}+120\right)}{15\,\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & -\frac{64}{\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & 0 & 0 & 1-\frac{672\,\Sigma_{t}+648\,\Sigma_{rem,1}}{7\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & \frac{-336\,\Sigma_{t}-324\,\Sigma_{rem,1}}{7\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & \frac{144}{\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & \frac{672}{\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & \frac{1944}{7\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}} & \frac{1296}{\mathit{Deltax}^{2}\,\Sigma_{t}^{2}} \\
-\frac{64}{\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & \frac{16\left(\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}-120\right)}{15\,\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & -\frac{64}{\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & -\frac{16\left(\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}+120\right)}{15\,\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & 0 & 0 & \frac{-336\,\Sigma_{t}-324\,\Sigma_{rem,1}}{7\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & 1-\frac{672\,\Sigma_{t}+648\,\Sigma_{rem,1}}{7\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & -\frac{144}{\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & \frac{672}{\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & -\frac{1944}{7\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}} & \frac{1296}{\mathit{Deltax}^{2}\,\Sigma_{t}^{2}} \\
-\frac{2\left(7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}-1920\right)}{35\,\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & \frac{576}{7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & 1+\frac{768}{7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & \frac{576}{7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & 0 & 0 & \frac{1008\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}+20160\,\Sigma_{t}+19440\,\Sigma_{rem,1}}{245\,\mathit{Deltax}^{3}\,\Sigma_{t}^{3}\,\Sigma_{rem,1}} & \frac{252\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}+15120\,\Sigma_{t}+14580\,\Sigma_{rem,1}}{245\,\mathit{Deltax}^{3}\,\Sigma_{t}^{3}\,\Sigma_{rem,1}} & -\frac{432}{7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & -\frac{720}{\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & -\frac{108\left(7\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}+54\right)}{49\,\mathit{Deltax}^{3}\,\Sigma_{t}^{3}} & -\frac{36\left(7\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}+270\right)}{7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{3}} \\
\frac{576}{7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & \frac{2\left(7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}+1920\right)}{35\,\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & \frac{576}{7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & 1+\frac{768}{7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & 0 & 0 & \frac{252\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}+15120\,\Sigma_{t}+14580\,\Sigma_{rem,1}}{245\,\mathit{Deltax}^{3}\,\Sigma_{t}^{3}\,\Sigma_{rem,1}} & \frac{1008\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}+20160\,\Sigma_{t}+19440\,\Sigma_{rem,1}}{245\,\mathit{Deltax}^{3}\,\Sigma_{t}^{3}\,\Sigma_{rem,1}} & \frac{432}{7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & -\frac{720}{\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & \frac{108\left(7\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}+54\right)}{49\,\mathit{Deltax}^{3}\,\Sigma_{t}^{3}} & -\frac{36\left(7\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}+270\right)}{7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{3}} \\
1+\frac{128\,D_{0}}{3\,\mathit{Deltax}} & \frac{32\,D_{0}}{3\,\mathit{Deltax}} & \frac{128\,D_{0}}{3\,\mathit{Deltax}} & \frac{32\,D_{0}}{3\,\mathit{Deltax}} & 0 & 0 & \frac{32\,D_{0}}{\mathit{Deltax}} & \frac{8\,D_{0}}{\mathit{Deltax}} & -\frac{60\,D_{0}}{\mathit{Deltax}} & -\frac{140\,D_{0}}{\mathit{Deltax}} & 0 & 0 \\
\frac{32\,D_{0}}{3\,\mathit{Deltax}} & 1+\frac{128\,D_{0}}{3\,\mathit{Deltax}} & \frac{32\,D_{0}}{3\,\mathit{Deltax}} & \frac{128\,D_{0}}{3\,\mathit{Deltax}} & 0 & 0 & \frac{8\,D_{0}}{\mathit{Deltax}} & \frac{32\,D_{0}}{\mathit{Deltax}} & \frac{60\,D_{0}}{\mathit{Deltax}} & -\frac{140\,D_{0}}{\mathit{Deltax}} & 0 & 0 \\
0 & 0 & 0 & 0 & 1 & 0 & \frac{16\,D_{2}}{\mathit{Deltax}} & \frac{4\,D_{2}}{\mathit{Deltax}} & 0 & 0 & -\frac{60\,D_{2}}{\mathit{Deltax}} & -\frac{140\,D_{2}}{\mathit{Deltax}} \\
0 & 0 & 0 & 0 & 0 & 1 & \frac{4\,D_{2}}{\mathit{Deltax}} & \frac{16\,D_{2}}{\mathit{Deltax}} & 0 & 0 & \frac{60\,D_{2}}{\mathit{Deltax}} & -\frac{140\,D_{2}}{\mathit{Deltax}}
\end{array}\right] \tag{1}$$

$$\left[\begin{array}{cccccccccccc}
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0
\end{array}\right] \tag{2}$$

$$\left[\begin{array}{cccccccccccc}
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0\\
0&0&0&0&0&0&0&0&0&0&0&0
\end{array}\right] \tag{3}$$

$$\left[\begin{array}{cc}
\frac{72}{\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & \frac{972}{7\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}} \\
\frac{72}{\mathit{Deltax}^{2}\,\Sigma_{t}\,\Sigma_{rem,1}} & \frac{972}{7\,\mathit{Deltax}^{2}\,\Sigma_{t}^{2}} \\
-\frac{72}{\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & -\frac{36\left(\mathit{Deltax}^{2}\,\Sigma_{t}^{2}+27\right)}{7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{3}} \\
-\frac{72}{\mathit{Deltax}^{3}\,\Sigma_{t}^{2}\,\Sigma_{rem,1}} & -\frac{36\left(\mathit{Deltax}^{2}\,\Sigma_{t}^{2}+27\right)}{7\,\mathit{Deltax}^{3}\,\Sigma_{t}^{3}} \\
-\frac{20\,D_{0}}{\mathit{Deltax}} & 0 \\
-\frac{20\,D_{0}}{\mathit{Deltax}} & 0 \\
0 & -\frac{20\,D_{2}}{\mathit{Deltax}} \\
0 & -\frac{20\,D_{2}}{\mathit{Deltax}}
\end{array}\right] \tag{4}$$

$$\left[\begin{array}{cccccccccccc}
\frac{3\,\mathit{Deltax}+16\,D_{0}}{6\,\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & \frac{-3\,\mathit{Deltax}-16\,D_{0}}{6\,\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & \frac{8\,D_{0}}{3\,\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & -\frac{8\,D_{0}}{3\,\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & 0 & 0 & \frac{2\,D_{0}}{\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & -\frac{2\,D_{0}}{\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & 1 & 0 & -2 & 0 \\
\frac{\mathit{Deltax}+16\,D_{0}}{2\,\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & \frac{\mathit{Deltax}+16\,D_{0}}{2\,\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & \frac{8\,D_{0}}{\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & \frac{8\,D_{0}}{\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & 0 & 0 & \frac{6\,D_{0}}{\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & \frac{6\,D_{0}}{\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & 0 & 1 & 0 & -2 \\
0 & 0 & 0 & 0 & \frac{1}{2\,\alpha\,\mathit{Deltax}} & -\frac{1}{2\,\alpha\,\mathit{Deltax}} & \frac{D_{2}}{\alpha\,\mathit{Deltax}^{2}} & -\frac{D_{2}}{\alpha\,\mathit{Deltax}^{2}} & -\frac{2\,\Sigma_{rem,0}}{5\,\alpha} & 0 & 1 & 0 \\
0 & 0 & 0 & 0 & \frac{1}{2\,\alpha\,\mathit{Deltax}} & \frac{1}{2\,\alpha\,\mathit{Deltax}} & \frac{3\,D_{2}}{\alpha\,\mathit{Deltax}^{2}} & \frac{3\,D_{2}}{\alpha\,\mathit{Deltax}^{2}} & 0 & -\frac{2\,\Sigma_{rem,0}}{5\,\alpha} & 0 & 1 \\
\frac{2}{\mathit{Deltax}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & \frac{2}{\mathit{Deltax}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & 0 & 0 & \frac{5}{\mathit{Deltax}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & \frac{5}{\mathit{Deltax}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & 0 & 0 & 0 & 0 & 0 & 0 \\
\frac{5\,\alpha}{\mathit{Deltax}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)\Sigma_{rem,0}} & \frac{5\,\alpha}{\mathit{Deltax}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)\Sigma_{rem,0}} & 0 & 0 & \frac{10}{\mathit{Deltax}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & \frac{10}{\mathit{Deltax}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & 0 & 0 & 0 & 0 & 0 & 0
\end{array}\right] \tag{5}$$

$$\left[\begin{array}{cccccccccccc}
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
\frac{2}{\mathit{Deltay}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & \frac{2}{\mathit{Deltay}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & 0 & 0 & \frac{5}{\mathit{Deltay}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & \frac{5}{\mathit{Deltay}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & 0 & 0 & 0 & 0 & 0 & 0 \\
\frac{5\,\alpha}{\mathit{Deltay}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)\Sigma_{rem,0}} & \frac{5\,\alpha}{\mathit{Deltay}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)\Sigma_{rem,0}} & 0 & 0 & \frac{10}{\mathit{Deltay}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & \frac{10}{\mathit{Deltay}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & 0 & 0 & 0 & 0 & 0 & 0
\end{array}\right] \tag{6}$$

$$\left[\begin{array}{cccccccccccc}
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
\frac{2}{\mathit{Deltaz}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & \frac{2}{\mathit{Deltaz}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & 0 & 0 & \frac{5}{\mathit{Deltaz}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & \frac{5}{\mathit{Deltaz}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & 0 & 0 & 0 & 0 & 0 & 0 \\
\frac{5\,\alpha}{\mathit{Deltaz}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)\Sigma_{rem,0}} & \frac{5\,\alpha}{\mathit{Deltaz}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)\Sigma_{rem,0}} & 0 & 0 & \frac{10}{\mathit{Deltaz}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & \frac{10}{\mathit{Deltaz}\left(5\,\alpha-4\,\Sigma_{rem,0}\right)} & 0 & 0 & 0 & 0 & 0 & 0
\end{array}\right] \tag{7}$$

$$\left[\begin{array}{cc}
0 & 0 \\
-\frac{6\,D_{0}}{\Sigma_{rem,0}\,\mathit{Deltax}^{2}} & 0 \\
0 & 0 \\
0 & -\frac{6\,D_{2}}{\alpha\,\mathit{Deltax}^{2}} \\
0 & 1 \\
1 & 0
\end{array}\right] \tag{8}$$