[10, 10]

(1

$$
\left[\begin{array}{cccccccccccccccccccccccccccccccccccccc}
-\frac{-\frac{112\,\mathit{Deltax}^2\,\Sigma_t^2}{15}+1328}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & -\frac{16}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & -\frac{\frac{112\,\mathit{Deltax}^2\,\Sigma_t^2}{15}+1328}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & -\frac{16}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & 0 & 0 & 1-\frac{1482}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & -\frac{498}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & \frac{144}{\mathit{Deltax}^2\,\Sigma_t^2} & \frac{672}{\mathit{Deltax}^2\,\Sigma_t^2} & \frac{1944}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & \frac{1296}{\mathit{Deltax}^2\,\Sigma_t^2} & 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{72}{\mathit{Deltax}^2\,\Sigma_t^2} & \frac{972}{7\,\mathit{Deltax}^2\,\Sigma_t^2} \\
-\frac{16}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & -\frac{-\frac{112\,\mathit{Deltax}^2\,\Sigma_t^2}{15}+1328}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & -\frac{16}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & -\frac{\frac{112\,\mathit{Deltax}^2\,\Sigma_t^2}{15}+1328}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & 0 & 0 & -\frac{498}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & 1-\frac{1482}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & -\frac{144}{\mathit{Deltax}^2\,\Sigma_t^2} & \frac{672}{\mathit{Deltax}^2\,\Sigma_t^2} & -\frac{1944}{7\,\mathit{Deltax}^2\,\Sigma_t^2} & \frac{1296}{\mathit{Deltax}^2\,\Sigma_t^2} & 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{72}{\mathit{Deltax}^2\,\Sigma_t^2} & \frac{972}{7\,\mathit{Deltax}^2\,\Sigma_t^2} \\
\frac{-25200\,\mathit{Deltax}^2\,\Sigma_t^2+667200}{4900\,\mathit{Deltax}^3\,\Sigma_t^3}+\frac{2}{5\,\Sigma_t} & \frac{25200\,\mathit{Deltax}^2\,\Sigma_t^2+273600}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & 1+\frac{-25200\,\mathit{Deltax}^2\,\Sigma_t^2+667200}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & \frac{25200\,\mathit{Deltax}^2\,\Sigma_t^2+273600}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & 0 & 0 & \frac{-39690\,\mathit{Deltax}^2\,\Sigma_t^2+840600}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & \frac{1890\,\mathit{Deltax}^2\,\Sigma_t^2+545400}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & -\frac{432}{7\,\mathit{Deltax}^3\,\Sigma_t^3} & -\frac{720}{\mathit{Deltax}^3\,\Sigma_t^3} & \frac{113400\,\mathit{Deltax}^2\,\Sigma_t^2-583200}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & \frac{264600\,\mathit{Deltax}^2\,\Sigma_t^2-6804000}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & 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{72}{\mathit{Deltax}^3\,\Sigma_t^3} & \frac{37800\,\mathit{Deltax}^2\,\Sigma_t^2-680400}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} \\
\frac{-25200\,\mathit{Deltax}^2\,\Sigma_t^2-273600}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & \frac{25200\,\mathit{Deltax}^2\,\Sigma_t^2-667200}{4900\,\mathit{Deltax}^3\,\Sigma_t^3}+\frac{2}{5\,\Sigma_t} & \frac{-25200\,\mathit{Deltax}^2\,\Sigma_t^2-273600}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & 1+\frac{25200\,\mathit{Deltax}^2\,\Sigma_t^2-667200}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & 0 & 0 & \frac{-1890\,\mathit{Deltax}^2\,\Sigma_t^2-545400}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & \frac{39690\,\mathit{Deltax}^2\,\Sigma_t^2-840600}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & -\frac{432}{7\,\mathit{Deltax}^3\,\Sigma_t^3} & \frac{720}{\mathit{Deltax}^3\,\Sigma_t^3} & \frac{113400\,\mathit{Deltax}^2\,\Sigma_t^2-583200}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & \frac{-264600\,\mathit{Deltax}^2\,\Sigma_t^2+6804000}{4900\,\mathit{Deltax}^3\,\Sigma_t^3} & 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{72}{\mathit{Deltax}^3\,\Sigma_t^3} & \frac{-37800\,\mathit{Deltax}^2\,\Sigma_t^2+680400}{4900\,\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 & 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{20\,D_0}{\mathit{Deltax}} & 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 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -\frac{20\,D_0}{\mathit{Deltax}} & 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 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -\frac{20\,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}} & 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{20\,D_2}{\mathit{Deltax}} \\
\frac{\frac{1}{2\,\mathit{Deltax}}+\frac{8\,D_0}{3\,\mathit{Deltax}^2}}{\Sigma_{rem,\,0}} & \frac{-\frac{1}{2\,\mathit{Deltax}}-\frac{8\,D_0}{3\,\mathit{Deltax}^2}}{\Sigma_{rem,\,0}} & \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 & 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{\frac{1}{2\,\mathit{Deltax}}+\frac{8\,D_0}{\mathit{Deltax}^2}}{\Sigma_{rem,\,0}} & \frac{\frac{1}{2\,\mathit{Deltax}}+\frac{8\,D_0}{\mathit{Deltax}^2}}{\Sigma_{rem,\,0}} & \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 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -\frac{6\,D_0}{\Sigma_{rem,\,0}\,\mathit{Deltax}^2} & 0 \\
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 & 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{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 & 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{6\,D_2}{\alpha\,\mathit{Deltax}^2} \\
-\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{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{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 & 0 & 1 \\
-\frac{4}{\mathit{Deltax}\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}+\frac{1}{\mathit{Deltax}\,\Sigma_{rem,\,0}} & -\frac{4}{\mathit{Deltax}\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}+\frac{1}{\mathit{Deltax}\,\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 & -\frac{4}{\mathit{Deltay}\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}+\frac{1}{\mathit{Deltay}\,\Sigma_{rem,\,0}} & -\frac{4}{\mathit{Deltay}\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}+\frac{1}{\mathit{Deltay}\,\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 & -\frac{4}{\mathit{Deltaz}\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}+\frac{1}{\mathit{Deltaz}\,\Sigma_{rem,\,0}} & -\frac{4}{\mathit{Deltaz}\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}+\frac{1}{\mathit{Deltaz}\,\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 & 1 & 0
\end{array}\right]
$$

(2