

$$\begin{aligned}
& \frac{\left(\frac{112}{15} \text{Deltax}^2 \Sigma_t^2 \Sigma_{rem, 1} + 896 \Sigma_t\right) j_{h_{3, inc, x, R}}}{7 \text{Deltax}^2 \Sigma_t^2 \Sigma_{rem, 1}} + \frac{64 j_{h_{3, inc, x, L}}}{\text{Deltax}^2 \Sigma_t \Sigma_{rem, 1}} + \frac{\left(-\frac{112}{15} \text{Deltax}^2 \Sigma_t^2 \Sigma_{rem, 1} + 896 \Sigma_t\right) j_{1, inc, x, R}}{7 \text{Deltax}^2 \Sigma_t^2 \Sigma_{rem, 1}} + \frac{64 j_{1, inc, x, L}}{\text{Deltax}^2 \Sigma_t \Sigma_{rem, 1}} \\
& \frac{64 j_{h_{3, inc, x, R}}}{\text{Deltax}^2 \Sigma_t \Sigma_{rem, 1}} + \frac{\left(\frac{112}{15} \text{Deltax}^2 \Sigma_t^2 \Sigma_{rem, 1} + 896 \Sigma_t\right) j_{h_{3, inc, x, L}}}{7 \text{Deltax}^2 \Sigma_t^2 \Sigma_{rem, 1}} + \frac{64 j_{1, inc, x, R}}{\text{Deltax}^2 \Sigma_t \Sigma_{rem, 1}} + \frac{\left(-\frac{112}{15} \text{Deltax}^2 \Sigma_t^2 \Sigma_{rem, 1} + 896 \Sigma_t\right) j_{1, inc, x, L}}{7 \text{Deltax}^2 \Sigma_t^2 \Sigma_{rem, 1}} \\
& j_{h_{3, inc, x, R}} - \frac{768 j_{h_{3, inc, x, R}}}{7 \Sigma_t^2 \text{Deltax}^3 \Sigma_{rem, 1}} - \frac{576 j_{h_{3, inc, x, L}}}{7 \Sigma_t^2 \text{Deltax}^3 \Sigma_{rem, 1}} + \left(-\frac{768}{7 \Sigma_t^2 \text{Deltax}^3 \Sigma_{rem, 1}} - \frac{2}{5}\right) j_{1, inc, x, R} - \frac{576 j_{1, inc, x, L}}{7 \Sigma_t^2 \text{Deltax}^3 \Sigma_{rem, 1}} \\
& j_{h_{3, inc, x, L}} - \frac{576 j_{h_{3, inc, x, R}}}{7 \Sigma_t^2 \text{Deltax}^3 \Sigma_{rem, 1}} - \frac{768 j_{h_{3, inc, x, L}}}{7 \Sigma_t^2 \text{Deltax}^3 \Sigma_{rem, 1}} - \frac{576 j_{1, inc, x, R}}{7 \Sigma_t^2 \text{Deltax}^3 \Sigma_{rem, 1}} - \frac{768 j_{1, inc, x, L}}{7 \Sigma_t^2 \text{Deltax}^3 \Sigma_{rem, 1}} \\
& j_{1, inc, x, R} - \frac{128 \text{D}_0 j_{1, inc, x, R}}{3 \text{Deltax}} - \frac{128 \text{D}_0 j_{h_{3, inc, x, R}}}{3 \text{Deltax}} - \frac{32 \text{D}_0 j_{1, inc, x, L}}{3 \text{Deltax}} - \frac{32 \text{D}_0 j_{h_{3, inc, x, L}}}{3 \text{Deltax}} \\
& j_{1, inc, x, L} - \frac{32 \text{D}_0 j_{1, inc, x, R}}{3 \text{Deltax}} - \frac{32 \text{D}_0 j_{h_{3, inc, x, R}}}{3 \text{Deltax}} - \frac{128 \text{D}_0 j_{1, inc, x, L}}{3 \text{Deltax}} - \frac{128 \text{D}_0 j_{h_{3, inc, x, L}}}{3 \text{Deltax}} \\
& 0 \\
& 0 \\
& -\frac{8 \text{D}_0 j_{h_{3, inc, x, R}}}{3 \Sigma_{rem, 0} \text{Deltax}^2} + \frac{8 \text{D}_0 j_{h_{3, inc, x, L}}}{3 \Sigma_{rem, 0} \text{Deltax}^2} - \frac{\left(-\frac{1}{2 \text{Deltax}} + \frac{8 \text{D}_0}{3 \text{Deltax}^2}\right) j_{1, inc, x, R}}{\Sigma_{rem, 0}} - \frac{\left(-\frac{1}{2 \text{Deltax}} - \frac{8 \text{D}_0}{3 \text{Deltax}^2}\right) j_{1, inc, x, L}}{\Sigma_{rem, 0}} + \frac{S_{0, x, 1}}{\Sigma_{rem, 0}} - \frac{L_{1, xz, 1}}{\text{Deltaz} \Sigma_{rem, 0}} - \frac{L_{1, xy, 1}}{\text{Deltay} \Sigma_{rem, 0}} \\
& -\frac{8 \text{D}_0 j_{h_{3, inc, x, R}}}{\Sigma_{rem, 0} \text{Deltax}^2} - \frac{8 \text{D}_0 j_{h_{3, inc, x, L}}}{\Sigma_{rem, 0} \text{Deltax}^2} - \frac{\left(-\frac{1}{2 \text{Deltax}} + \frac{8 \text{D}_0}{\text{Deltax}^2}\right) j_{1, inc, x, R}}{\Sigma_{rem, 0}} - \frac{\left(-\frac{1}{2 \text{Deltax}} + \frac{8 \text{D}_0}{\text{Deltax}^2}\right) j_{1, inc, x, L}}{\Sigma_{rem, 0}} + \frac{S_{0, x, 2}}{\Sigma_{rem, 0}} - \frac{L_{1, xz, 2}}{\text{Deltaz} \Sigma_{rem, 0}} - \frac{L_{1, xy, 2}}{\text{Deltay} \Sigma_{rem, 0}} \\
& -\frac{2 S_{0, x, 1}}{5 \alpha} - \frac{L_{3, xy, 1}}{\alpha \text{Deltay}} - \frac{L_{3, xz, 1}}{\alpha \text{Deltaz}} \\
& -\frac{2 S_{0, x, 2}}{5 \alpha} - \frac{L_{3, xy, 2}}{\alpha \text{Deltay}} - \frac{L_{3, xz, 2}}{\alpha \text{Deltaz}} \\
& -\frac{2 j_{1, inc, x, R}}{\text{Deltax} \left(-5 \alpha + 4 \Sigma_{rem, 0}\right)} - \frac{2 j_{1, inc, x, L}}{\text{Deltax} \left(-5 \alpha + 4 \Sigma_{rem, 0}\right)} - \frac{2 j_{1, inc, y, R}}{\text{Deltay} \left(-5 \alpha + 4 \Sigma_{rem, 0}\right)} - \frac{2 j_{1, inc, y, L}}{\text{Deltay} \left(-5 \alpha + 4 \Sigma_{rem, 0}\right)} - \frac{2 j_{1, inc, z, R}}{\text{Deltaz} \left(-5 \alpha + 4 \Sigma_{rem, 0}\right)} - \frac{2 j_{1, inc, z, L}}{\text{Deltaz} \left(-5 \alpha + 4 \Sigma_{rem, 0}\right)} \\
& \left(-\frac{4}{\text{Deltaz} \left(-5 \alpha + 4 \Sigma_{rem, 0}\right)} + \frac{1}{\text{Deltaz} \Sigma_{rem, 0}}\right) j_{1, inc, z, R} + \left(-\frac{4}{\text{Deltaz} \left(-5 \alpha + 4 \Sigma_{rem, 0}\right)} + \frac{1}{\text{Deltaz} \Sigma_{rem, 0}}\right) j_{1, inc, z, L} + \left(-\frac{4}{\text{Deltay} \left(-5 \alpha + 4 \Sigma_{rem, 0}\right)} + \frac{1}{\text{Deltay} \Sigma_{rem, 0}}\right) j_{1, inc, y, R} + \left(-\frac{4}{\text{Deltay} \left(-5 \alpha + 4 \Sigma_{rem, 0}\right)} + \frac{1}{\text{Deltay} \Sigma_{rem, 0}}\right) j_{1, inc, y, L} + \left(-\frac{4}{\text{Deltax} \left(-5 \alpha + 4 \Sigma_{rem, 0}\right)} + \frac{1}{\text{Deltax} \Sigma_{rem, 0}}\right) j_{1, inc, x, R} + \left(-\frac{4}{\text{Deltax} \left(-5 \alpha + 4 \Sigma_{rem, 0}\right)} + \frac{1}{\text{Deltax} \Sigma_{rem, 0}}\right) j_{1, inc, x, L} + \frac{S_0}{\Sigma_{rem, 0}}
\end{aligned}$$