$$\phi_{2,x,R} = \frac{\left(\frac{112\,Deltax^2\,\Sigma_t^2}{15} + 1328\right) jh_{3,out,x,R}}{7\,Deltax^2\,\Sigma_t^2} + \frac{1482\,\phi_{2,x,R}}{7\,Deltax^2\,\Sigma_t^2} + \frac{498\,\phi_{2,x,L}}{7\,Deltax^2\,\Sigma_t^2}$$
$$+ \frac{16\,jh_{3,out,x,L}}{7\,Deltax^2\,\Sigma_t^2} + \frac{\left(\frac{112\,Deltax^2\,\Sigma_t^2}{15} + 1328\right) jh_{3,inc,x,R}}{7\,Deltax^2\,\Sigma_t^2} + \frac{16\,jh_{3,inc,x,L}}{7\,Deltax^2\,\Sigma_t^2}$$
$$+ \frac{\left(-\frac{112\,Deltax^2\,\Sigma_t^2}{15} + 1328\right) j_{1,out,x,R}}{7\,Deltax^2\,\Sigma_t^2} + \frac{16\,j_{1,out,x,L}}{7\,Deltax^2\,\Sigma_t^2}$$
$$+ \frac{\left(-\frac{112\,Deltax^2\,\Sigma_t^2}{15} + 1328\right) j_{1,inc,x,R}}{7\,Deltax^2\,\Sigma_t^2} + \frac{16\,j_{1,inc,x,L}}{7\,Deltax^2\,\Sigma_t^2} - \frac{972\,\bar{\phi}_2}{7\,Deltax^2\,\Sigma_t^2}$$
$$- \frac{1296\,\bar{\phi}_{2,x,2}}{Deltax^2\,\Sigma_t^2} - \frac{1944\,\bar{\phi}_{2,x,1}}{7\,Deltax^2\,\Sigma_t^2} - \frac{72\,\bar{\Phi}_0}{Deltax^2\,\Sigma_t^2} - \frac{672\,\bar{\Phi}_{0,x,2}}{Deltax^2\,\Sigma_t^2} - \frac{144\,\bar{\Phi}_{0,x,1}}{Deltax^2\,\Sigma_t^2}$$

$$\phi_{2,x,L} = \frac{498\,\phi_{2,x,R}}{7\,Deltax^2\,\Sigma_t^2} + \frac{1482\,\phi_{2,x,L}}{7\,Deltax^2\,\Sigma_t^2} + \frac{16\,jh_{3,out,x,R}}{7\,Deltax^2\,\Sigma_t^2}$$
$$+ \frac{\left(\frac{112\,Deltax^2\,\Sigma_t^2}{15} + 1328\right) jh_{3,out,x,L}}{7\,Deltax^2\,\Sigma_t^2} + \frac{\left(\frac{112\,Deltax^2\,\Sigma_t^2}{15} + 1328\right) jh_{3,inc,x,L}}{7\,Deltax^2\,\Sigma_t^2}$$
$$+ \frac{16\,j_{1,out,x,R}}{7\,Deltax^2\,\Sigma_t^2} + \frac{\left(-\frac{112\,Deltax^2\,\Sigma_t^2}{15} + 1328\right) j_{1,out,x,L}}{7\,Deltax^2\,\Sigma_t^2} + \frac{16\,j_{1,inc,x,R}}{7\,Deltax^2\,\Sigma_t^2}$$
$$+ \frac{\left(-\frac{112\,Deltax^2\,\Sigma_t^2}{15} + 1328\right) j_{1,inc,x,L}}{7\,Deltax^2\,\Sigma_t^2} - \frac{972\,\bar{\phi}_2}{7\,Deltax^2\,\Sigma_t^2} - \frac{1296\,\bar{\phi}_{2,x,2}}{Deltax^2\,\Sigma_t^2}$$
$$+ \frac{1944\,\bar{\phi}_{2,x,1}}{7\,Deltax^2\,\Sigma_t^2} - \frac{72\,\bar{\Phi}_0}{Deltax^2\,\Sigma_t^2} - \frac{672\,\bar{\Phi}_{0,x,2}}{Deltax^2\,\Sigma_t^2} + \frac{144\,\bar{\Phi}_{0,x,1}}{Deltax^2\,\Sigma_t^2} + \frac{16\,jh_{3,inc,x,R}}{7\,Deltax^2\,\Sigma_t^2}$$

$$jh_{3,out,x,R} - jh_{3,inc,x,R} =$$

$$-\frac{9\left(-4410\,Deltax^2\,\Sigma_t^2+93400\right)\phi_{2,\,x,\,R}}{4900\,Deltax^3\,\Sigma_t^3}-\frac{9\left(210\,Deltax^2\,\Sigma_t^2+60600\right)\phi_{2,\,x,\,L}}{4900\,Deltax^3\,\Sigma_t^3}$$
$$-\frac{9\left(-2800\,Deltax^2\,\Sigma_t^2+\frac{222400}{3}\right)jh_{3,\,out,\,x,\,R}}{4900\,Deltax^3\,\Sigma_t^3}$$
$$-\frac{9\left(2800\,Deltax^2\,\Sigma_t^2+30400\right)jh_{3,\,out,\,x,\,L}}{4900\,Deltax^3\,\Sigma_t^3}$$
$$-\frac{9\left(-2800\,Deltax^2\,\Sigma_t^2+\frac{222400}{3}\right)jh_{3,\,inc,\,x,\,R}}{4900\,Deltax^3\,\Sigma_t^3}$$
$$-\frac{9\left(2800\,Deltax^2\,\Sigma_t^2+30400\right)jh_{3,\,inc,\,x,\,L}}{4900\,Deltax^3\,\Sigma_t^3}$$
$$-\frac{9\left(2800\,Deltax^2\,\Sigma_t^2+30400\right)j_{1,\,out,\,x,\,L}}{4900\,Deltax^3\,\Sigma_t^3}+\left(-\frac{9\left(-2800\,Deltax^2\,\Sigma_t^2+\frac{222400}{3}\right)}{4900\,Deltax^3\,\Sigma_t^3}-\frac{2}{5\,\Sigma_t}\right)j_{1,\,out,\,x,\,R}+\left(-\frac{9\left(-2800\,Deltax^2\,\Sigma_t^2+\frac{222400}{3}\right)}{4900\,Deltax^3\,\Sigma_t^3}+\frac{2}{5\,\Sigma_t}\right)j_{1,\,inc,\,x,\,R}$$
$$-\frac{9\left(2800\,Deltax^2\,\Sigma_t^2+30400\right)j_{1,\,inc,\,x,\,L}}{4900\,Deltax^3\,\Sigma_t^3}-\frac{9\left(4200\,Deltax^2\,\Sigma_t^2-75600\right)\bar{\phi}_2}{4900\,Deltax^3\,\Sigma_t^3}$$
$$-\frac{9\left(29400\,Deltax^2\,\Sigma_t^2-756000\right)\bar{\phi}_{2,\,x,\,2}}{4900\,Deltax^3\,\Sigma_t^3}-\frac{9\left(12600\,Deltax^2\,\Sigma_t^2-64800\right)\bar{\phi}_{2,\,x,\,1}}{4900\,Deltax^3\,\Sigma_t^3}$$
$$+\frac{72\,\bar{\Phi}_0}{Deltax^3\,\Sigma_t^3}+\frac{720\,\bar{\Phi}_{0,\,x,\,2}}{Deltax^3\,\Sigma_t^3}+\frac{432\,\bar{\Phi}_{0,\,x,\,1}}{7\,Deltax^3\,\Sigma_t^3}$$

$$jh_{3,\,out,\,x,\,L}-jh_{3,\,inc,\,x,\,L}=-\frac{9\left(-210\,Deltax^2\,\Sigma_t^2-60600\right)\phi_{2,\,x,\,R}}{4900\,Deltax^3\,\Sigma_t^3}$$
$$-\frac{9\left(4410\,Deltax^2\,\Sigma_t^2-93400\right)\phi_{2,\,x,\,L}}{4900\,Deltax^3\,\Sigma_t^3}-\frac{9\left(-2800\,Deltax^2\,\Sigma_t^2-30400\right)jh_{3,\,out,\,x,\,R}}{4900\,Deltax^3\,\Sigma_t^3}$$

$$-\frac{9\left(2800\,Deltax^2\,\Sigma_t^2-\frac{222400}{3}\right)jh_{3,\,out,\,x,\,L}}{4900\,Deltax^3\,\Sigma_t^3}$$

$$-\frac{9\left(-2800\,Deltax^2\,\Sigma_t^2-30400\right)jh_{3,\,inc,\,x,\,R}}{4900\,Deltax^3\,\Sigma_t^3}$$

$$-\frac{9\left(2800\,Deltax^2\,\Sigma_t^2-\frac{222400}{3}\right)jh_{3,\,inc,\,x,\,L}}{4900\,Deltax^3\,\Sigma_t^3}$$

$$-\frac{9\left(-2800\,Deltax^2\,\Sigma_t^2-30400\right)j_{1,\,out,\,x,\,R}}{4900\,Deltax^3\,\Sigma_t^3}+\left(-\frac{9\left(2800\,Deltax^2\,\Sigma_t^2-\frac{222400}{3}\right)}{4900\,Deltax^3\,\Sigma_t^3}\right.$$

$$\left.-\frac{2}{5\,\Sigma_t}\right)j_{1,\,out,\,x,\,L}-\frac{9\left(-2800\,Deltax^2\,\Sigma_t^2-30400\right)j_{1,\,inc,\,x,\,R}}{4900\,Deltax^3\,\Sigma_t^3}+\left(\right.$$

$$\left.-\frac{9\left(2800\,Deltax^2\,\Sigma_t^2-\frac{222400}{3}\right)}{4900\,Deltax^3\,\Sigma_t^3}+\frac{2}{5\,\Sigma_t}\right)j_{1,\,inc,\,x,\,L}$$

$$-\frac{9\left(-4200\,Deltax^2\,\Sigma_t^2+75600\right)\bar{\phi}_2}{4900\,Deltax^3\,\Sigma_t^3}-\frac{9\left(-29400\,Deltax^2\,\Sigma_t^2+756000\right)\bar{\phi}_{2,\,x,\,2}}{4900\,Deltax^3\,\Sigma_t^3}$$

$$-\frac{9\left(12600\,Deltax^2\,\Sigma_t^2-64800\right)\bar{\phi}_{2,\,x,\,1}}{4900\,Deltax^3\,\Sigma_t^3}-\frac{72\,\bar{\Phi}_0}{Deltax^3\,\Sigma_t^3}-\frac{720\,\bar{\Phi}_{0,\,x,\,2}}{Deltax^3\,\Sigma_t^3}+\frac{432\,\bar{\Phi}_{0,\,x,\,1}}{7\,Deltax^3\,\Sigma_t^3}$$

$$j_{1,\,out,\,x,\,R}-j_{1,\,inc,\,x,\,R}=-\frac{128\,D_0\,j_{1,\,out,\,x,\,R}}{3\,Deltax}-\frac{128\,D_0\,j_{1,\,inc,\,x,\,R}}{3\,Deltax}-\frac{128\,D_0\,jh_{3,\,out,\,x,\,R}}{3\,Deltax}$$

$$-\frac{128\,D_0\,jh_{3,\,inc,\,x,\,R}}{3\,Deltax}-\frac{32\,D_0\,\phi_{2,\,x,\,R}}{Deltax}-\frac{32\,D_0\,j_{1,\,out,\,x,\,L}}{3\,Deltax}-\frac{32\,D_0\,j_{1,\,inc,\,x,\,L}}{3\,Deltax}$$

$$-\frac{32\,D_0\,jh_{3,\,out,\,x,\,L}}{3\,Deltax}-\frac{32\,D_0\,jh_{3,\,inc,\,x,\,L}}{3\,Deltax}-\frac{8\,D_0\,\phi_{2,\,x,\,L}}{Deltax}+\frac{20\,D_0\,\bar{\Phi}_0}{Deltax}+\frac{60\,D_0\,\bar{\Phi}_{0,\,x,\,1}}{Deltax}$$

$$+\frac{140\,D_0\,\bar{\Phi}_{0,\,x,\,2}}{Deltax}$$

$$j_{1,\,out,\,x,\,L}-j_{1,\,inc,\,x,\,L}=-\frac{32\,D_0\,j_{1,\,out,\,x,\,R}}{3\,Deltax}-\frac{32\,D_0\,j_{1,\,inc,\,x,\,R}}{3\,Deltax}-\frac{32\,D_0\,jh_{3,\,out,\,x,\,R}}{3\,Deltax}$$

$$-\frac{32\,D_0\,jh_{3,\,inc,\,x,\,R}}{3\,Deltax}-\frac{8\,D_0\,\phi_{2,\,x,\,R}}{Deltax}-\frac{128\,D_0\,j_{1,\,out,\,x,\,L}}{3\,Deltax}-\frac{128\,D_0\,j_{1,\,inc,\,x,\,L}}{3\,Deltax}$$

$$-\frac{128\,D_0\,jh_{3,\,out,\,x,\,L}}{3\,Deltax}-\frac{128\,D_0\,jh_{3,\,inc,\,x,\,L}}{3\,Deltax}-\frac{32\,D_0\,\phi_{2,\,x,\,L}}{Deltax}+\frac{20\,D_0\,\bar{\Phi}_0}{Deltax}$$
$$-\frac{60\,D_0\,\bar{\Phi}_{0,\,x,\,1}}{Deltax}+\frac{140\,D_0\,\bar{\Phi}_{0,\,x,\,2}}{Deltax}$$

$$J_{3,\,x,\,R}=-\frac{16\,D_2\,\phi_{2,\,x,\,R}}{Deltax}-\frac{4\,D_2\,\phi_{2,\,x,\,L}}{Deltax}+\frac{20\,D_2\,\bar{\phi}_2}{Deltax}+\frac{60\,D_2\,\bar{\phi}_{2,\,x,\,1}}{Deltax}+\frac{140\,D_2\,\bar{\phi}_{2,\,x,\,2}}{Deltax}$$

$$J_{3,\,x,\,L}=-\frac{4\,D_2\,\phi_{2,\,x,\,R}}{Deltax}-\frac{16\,D_2\,\phi_{2,\,x,\,L}}{Deltax}+\frac{20\,D_2\,\bar{\phi}_2}{Deltax}-\frac{60\,D_2\,\bar{\phi}_{2,\,x,\,1}}{Deltax}+\frac{140\,D_2\,\bar{\phi}_{2,\,x,\,2}}{Deltax}$$

$$\begin{aligned}\bar{\phi}[2]=&\frac{5\,J_{3,\,x,\,R}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltax}+\frac{5\,J_{3,\,x,\,L}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltax}\\&+\frac{5\,J_{3,\,y,\,R}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltay}+\frac{5\,J_{3,\,y,\,L}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltay}\\&+\frac{5\,J_{3,\,z,\,R}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltaz}+\frac{5\,J_{3,\,z,\,L}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltaz}+\frac{2\,j_{1,\,out,\,x,\,R}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltax}\\&-\frac{2\,j_{1,\,inc,\,x,\,R}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltax}+\frac{2\,j_{1,\,out,\,x,\,L}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltax}-\frac{2\,j_{1,\,inc,\,x,\,L}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltax}\\&+\frac{2\,j_{1,\,out,\,y,\,R}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltay}-\frac{2\,j_{1,\,inc,\,y,\,R}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltay}\\&+\frac{2\,j_{1,\,out,\,y,\,L}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltay}-\frac{2\,j_{1,\,inc,\,y,\,L}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltay}\\&+\frac{2\,j_{1,\,out,\,z,\,R}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltaz}-\frac{2\,j_{1,\,inc,\,z,\,R}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltaz}+\frac{2\,j_{1,\,out,\,z,\,L}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltaz}\\&-\frac{2\,j_{1,\,inc,\,z,\,L}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltaz}\end{aligned}$$

$$\begin{aligned}\bar{\Phi}_0=&\left(\frac{4}{Deltaz\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}-\frac{1}{Deltaz\,\Sigma_{rem,\,0}}\right)j_{1,\,out,\,z,\,R}\\&+\left(\frac{4}{Deltaz\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}-\frac{1}{Deltaz\,\Sigma_{rem,\,0}}\right)j_{1,\,out,\,z,\,L}\\&+\left(\frac{4}{Deltay\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}-\frac{1}{Deltay\,\Sigma_{rem,\,0}}\right)j_{1,\,out,\,y,\,R}\\&+\left(\frac{4}{Deltay\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}-\frac{1}{Deltay\,\Sigma_{rem,\,0}}\right)j_{1,\,out,\,y,\,L}\end{aligned}$$

$$+\left(\frac{4}{Deltax\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}-\frac{1}{Deltax\,\Sigma_{rem,\,0}}\right)j_{1,\,out,\,x,\,R}$$
$$+\left(\frac{4}{Deltax\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}-\frac{1}{Deltax\,\Sigma_{rem,\,0}}\right)j_{1,\,out,\,x,\,L}+\left(\right.$$
$$\left.-\frac{4}{Deltaz\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}+\frac{1}{Deltaz\,\Sigma_{rem,\,0}}\right)j_{1,\,inc,\,z,\,R}+\left(\right.$$
$$\left.-\frac{4}{Deltaz\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}+\frac{1}{Deltaz\,\Sigma_{rem,\,0}}\right)j_{1,\,inc,\,z,\,L}+\left(\right.$$
$$\left.-\frac{4}{Deltay\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}+\frac{1}{Deltay\,\Sigma_{rem,\,0}}\right)j_{1,\,inc,\,y,\,R}+\left(\right.$$
$$\left.-\frac{4}{Deltay\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}+\frac{1}{Deltay\,\Sigma_{rem,\,0}}\right)j_{1,\,inc,\,y,\,L}+\left(\right.$$
$$\left.-\frac{4}{Deltax\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}+\frac{1}{Deltax\,\Sigma_{rem,\,0}}\right)j_{1,\,inc,\,x,\,R}+\left(\right.$$
$$\left.-\frac{4}{Deltax\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)}+\frac{1}{Deltax\,\Sigma_{rem,\,0}}\right)j_{1,\,inc,\,x,\,L}+\frac{S_0}{\Sigma_{rem,\,0}}$$
$$+\frac{10\,J_{3,\,z,\,R}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltaz}+\frac{10\,J_{3,\,z,\,L}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltaz}+\frac{10\,J_{3,\,y,\,R}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltay}$$
$$+\frac{10\,J_{3,\,y,\,L}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltay}+\frac{10\,J_{3,\,x,\,R}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltax}+\frac{10\,J_{3,\,x,\,L}}{\left(-5\,\alpha+4\,\Sigma_{rem,\,0}\right)Deltax}$$

$$\bar{\Phi}_{0,\,x,\,1}=\frac{2\,D_0\,\phi_{2,\,x,\,L}}{\Sigma_{rem,\,0}\,Deltax^2}-\frac{8\,D_0\,jh_{3,\,out,\,x,\,R}}{3\,\Sigma_{rem,\,0}\,Deltax^2}+\frac{8\,D_0\,jh_{3,\,out,\,x,\,L}}{3\,\Sigma_{rem,\,0}\,Deltax^2}-\frac{8\,D_0\,jh_{3,\,inc,\,x,\,R}}{3\,\Sigma_{rem,\,0}\,Deltax^2}$$
$$+\frac{8\,D_0\,jh_{3,\,inc,\,x,\,L}}{3\,\Sigma_{rem,\,0}\,Deltax^2}-\frac{\left(\frac{1}{2\,Deltax}+\frac{8\,D_0}{3\,Deltax^2}\right)j_{1,\,out,\,x,\,R}}{\Sigma_{rem,\,0}}$$
$$-\frac{\left(-\frac{1}{2\,Deltax}-\frac{8\,D_0}{3\,Deltax^2}\right)j_{1,\,out,\,x,\,L}}{\Sigma_{rem,\,0}}-\frac{\left(-\frac{1}{2\,Deltax}+\frac{8\,D_0}{3\,Deltax^2}\right)j_{1,\,inc,\,x,\,R}}{\Sigma_{rem,\,0}}$$
$$-\frac{\left(\frac{1}{2\,Deltax}-\frac{8\,D_0}{3\,Deltax^2}\right)j_{1,\,inc,\,x,\,L}}{\Sigma_{rem,\,0}}+2\,\bar{\phi}_{2,\,x,\,1}+\frac{S_{0,\,x,\,1}}{\Sigma_{rem,\,0}}-\frac{L_{1,\,xz,\,1}}{\Sigma_{rem,\,0}\,Deltaz}$$
$$-\frac{L_{1,\,xy,\,1}}{\Sigma_{rem,\,0}\,Deltay}-\frac{2\,D_0\,\phi_{2,\,x,\,R}}{\Sigma_{rem,\,0}\,Deltax^2}$$

$$\bar{\Phi}[0,\, x,\, 2] = -\frac{6\, D_0\, \phi_{2,\, x,\, L}}{\Sigma_{rem,\, 0}\, Deltax^2} - \frac{8\, D_0\, jh_{3,\, out,\, x,\, R}}{\Sigma_{rem,\, 0}\, Deltax^2} - \frac{8\, D_0\, jh_{3,\, out,\, x,\, L}}{\Sigma_{rem,\, 0}\, Deltax^2} - \frac{8\, D_0\, jh_{3,\, inc,\, x,\, R}}{\Sigma_{rem,\, 0}\, Deltax^2}$$
$$- \frac{8\, D_0\, jh_{3,\, inc,\, x,\, L}}{\Sigma_{rem,\, 0}\, Deltax^2} - \frac{\left(\frac{1}{2\, Deltax} + \frac{8\, D_0}{Deltax^2}\right) j_{1,\, out,\, x,\, R}}{\Sigma_{rem,\, 0}}$$
$$- \frac{\left(\frac{1}{2\, Deltax} + \frac{8\, D_0}{Deltax^2}\right) j_{1,\, out,\, x,\, L}}{\Sigma_{rem,\, 0}} - \frac{\left(-\frac{1}{2\, Deltax} + \frac{8\, D_0}{Deltax^2}\right) j_{1,\, inc,\, x,\, R}}{\Sigma_{rem,\, 0}}$$
$$- \frac{\left(-\frac{1}{2\, Deltax} + \frac{8\, D_0}{Deltax^2}\right) j_{1,\, inc,\, x,\, L}}{\Sigma_{rem,\, 0}} + 2\, \bar{\phi}_{2,\, x,\, 2} + \frac{6\, D_0\, \bar{\Phi}_0}{\Sigma_{rem,\, 0}\, Deltax^2} + \frac{S_{0,\, x,\, 2}}{\Sigma_{rem,\, 0}}$$
$$- \frac{L_{1,\, xz,\, 2}}{\Sigma_{rem,\, 0}\, Deltaz} - \frac{L_{1,\, xy,\, 2}}{\Sigma_{rem,\, 0}\, Deltay} - \frac{6\, D_0\, \phi_{2,\, x,\, R}}{\Sigma_{rem,\, 0}\, Deltax^2}$$

$$\bar{\phi}_{2,\, x,\, 1} = -\frac{J_{3,\, x,\, R}}{2\, \alpha\, Deltax} + \frac{J_{3,\, x,\, L}}{2\, \alpha\, Deltax} - \frac{D_2\, \phi_{2,\, x,\, R}}{\alpha\, Deltax^2} + \frac{D_2\, \phi_{2,\, x,\, L}}{\alpha\, Deltax^2} + \frac{2\, \Sigma_{rem,\, 0}\, \bar{\Phi}_{0,\, x,\, 1}}{5\, \alpha}$$
$$- \frac{2\, S_{0,\, x,\, 1}}{5\, \alpha} - \frac{L_{3,\, xy,\, 1}}{\alpha\, Deltay} - \frac{L_{3,\, xz,\, 1}}{\alpha\, Deltaz}$$

$$\bar{\phi}_{2,\, x,\, 2} = -\frac{J_{3,\, x,\, R}}{2\, \alpha\, Deltax} - \frac{J_{3,\, x,\, L}}{2\, \alpha\, Deltax} - \frac{3\, D_2\, \phi_{2,\, x,\, R}}{\alpha\, Deltax^2} - \frac{3\, D_2\, \phi_{2,\, x,\, L}}{\alpha\, Deltax^2} + \frac{2\, \Sigma_{rem,\, 0}\, \bar{\Phi}_{0,\, x,\, 2}}{5\, \alpha}$$
$$- \frac{2\, S_{0,\, x,\, 2}}{5\, \alpha} - \frac{L_{3,\, xy,\, 2}}{\alpha\, Deltay} - \frac{L_{3,\, xz,\, 2}}{\alpha\, Deltaz} + \frac{6\, D_2\, \bar{\phi}_2}{\alpha\, Deltax^2}$$