Supplementary Material

In equation (11)

$$a_{b,13} = 315\,C_3\,b^{13}\,r_0 + 315\,C_3\,b^{13}\,t$$

$$a_{b,12} = 3735\,C_3\,L\,b^{12}\,r_0 + 3735\,C_3\,L\,b^{12}\,t$$

$$a_{b,11} = 280\,C_2\,L^2\,b^{11}\,r_0 + 18570\,C_3\,L^2\,b^{11}\,r_0 + 280\,C_2\,L^2\,b^{11}\,t + 18570\,C_3\,L^2\,b^{11}\,t$$

$$a_{b,10} = 2744\,C_2\,L^3\,b^{10}\,r_0 + 49866\,C_3\,L^3\,b^{10}\,r_0 + 2744\,C_2\,L^3\,b^{10}\,t + 49866\,C_3\,L^3\,b^{10}\,t$$

$$a_{b,9} = 210\,C_1\,L^4\,b^9\,r_0 + 11200\,C_2\,L^4\,b^9\,r_0 + 76935\,C_3\,L^4\,b^9\,r_0 + 210\,C_1\,L^4\,b^9\,t + 11200\,C_2\,L^4\,b^9\,t$$
$$+\ 76935\,C_3\,L^4\,b^9\,t$$

$$a_{b,8} = 1610\,C_1\,L^5\,b^8\,r_0 + 24640\,C_2\,L^5\,b^8\,r_0 + 64875\,C_3\,L^5\,b^8\,r_0 + 1610\,C_1\,L^5\,b^8\,t + 24640\,C_2\,L^5\,b^8\,t$$
$$+\ 64875\,C_3\,L^5\,b^8\,t$$

$$a_{b,7} = 5320\,C_1\,L^6\,b^7\,r_0 + 30800\,C_2\,L^6\,b^7\,r_0 + 22740\,C_3\,L^6\,b^7\,r_0 + 5320\,C_1\,L^6\,b^7\,t + 30800\,C_2\,L^6\,b^7\,t$$
$$+\ 22740\,C_3\,L^6\,b^7\,t$$

$$a_{b,6} = 9800\,C_1\,L^7\,b^6\,r_0 + 19600\,C_2\,L^7\,b^6\,r_0 + 2100\,C_3\,L^7\,b^6\,r_0 + 9800\,C_1\,L^7\,b^6\,t + 19600\,C_2\,L^7\,b^6\,t$$
$$+\ 2100\,C_3\,L^7\,b^6\,t$$

$$a_{b,5} = 11690\,C_1\,L^8\,b^5\,r_0 - 2296\,C_2\,L^8\,b^5\,r_0 + 28770\,C_3\,L^8\,b^5\,r_0 + 11690\,C_1\,L^8\,b^5\,t - 2296\,C_2\,L^8\,b^5\,t$$
$$+\ 28770\,C_3\,L^8\,b^5\,t + 840\,C_1\,L^8\,b^5\,r_0\log(L) - 3360\,C_2\,L^8\,b^5\,r_0\log(L) + 12600\,C_3\,L^8\,b^5\,r_0\log(L)$$
$$+\ 840\,C_1\,L^8\,b^5\,t\log(L) - 3360\,C_2\,L^8\,b^5\,t\log(L) + 12600\,C_3\,L^8\,b^5\,t\log(L) - 840\,C_1\,L^8\,b^5\,r_0\,\sigma_1$$
$$+\ 3360\,C_2\,L^8\,b^5\,r_0\,\sigma_1 - 12600\,C_3\,L^8\,b^5\,r_0\,\sigma_1 - 840\,C_1\,L^8\,b^5\,t\,\sigma_1 + 3360\,C_2\,L^8\,b^5\,t\,\sigma_1$$
$$-\ 12600\,C_3\,L^8\,b^5\,t\,\sigma_1$$

$$a_{b,4} = 10570\,C_1\,L^9\,b^4\,r_0 - 21560\,C_2\,L^9\,b^4\,r_0 + 80850\,C_3\,L^9\,b^4\,r_0 + 10570\,C_1\,L^9\,b^4\,t - 21560\,C_2\,L^9\,b^4\,t$$
$$+\ 80850\,C_3\,L^9\,b^4\,t + 4200\,C_1\,L^9\,b^4\,r_0\log(L) - 16800\,C_2\,L^9\,b^4\,r_0\log(L) + 63000\,C_3\,L^9\,b^4\,r_0\log(L)$$
$$+\ 4200\,C_1\,L^9\,b^4\,t\log(L) - 16800\,C_2\,L^9\,b^4\,t\log(L) + 63000\,C_3\,L^9\,b^4\,t\log(L) - 4200\,C_1\,L^9\,b^4\,r_0\,\sigma_1$$
$$+\ 16800\,C_2\,L^9\,b^4\,r_0\,\sigma_1 - 63000\,C_3\,L^9\,b^4\,r_0\,\sigma_1 - 4200\,C_1\,L^9\,b^4\,t\,\sigma_1 + 16800\,C_2\,L^9\,b^4\,t\,\sigma_1$$
$$-\ 63000\,C_3\,L^9\,b^4\,t\,\sigma_1$$

$$a_{b,3} = 7700\,C_1\,L^{10}\,b^3\,r_0 - 26320\,C_2\,L^{10}\,b^3\,r_0 + 98700\,C_3\,L^{10}\,b^3\,r_0 + 7700\,C_1\,L^{10}\,b^3\,t$$
$$-\ 26320\,C_2\,L^{10}\,b^3\,t + 98700\,C_3\,L^{10}\,b^3\,t + 8400\,C_1\,L^{10}\,b^3\,r_0\log(L) - 33600\,C_2\,L^{10}\,b^3\,r_0\log(L)$$

$$+ 126000\,C_3\,L^{10}\,b^3\,r_0\,\log(L) + 8400\,C_1\,L^{10}\,b^3\,t\,\log(L) - 33600\,C_2\,L^{10}\,b^3\,t\,\log(L)$$
$$+ 126000\,C_3\,L^{10}\,b^3\,t\,\log(L) - 8400\,C_1\,L^{10}\,b^3\,r_0\,\sigma_1 + 33600\,C_2\,L^{10}\,b^3\,r_0\,\sigma_1$$
$$- 126000\,C_3\,L^{10}\,b^3\,r_0\,\sigma_1 - 8400\,C_1\,L^{10}\,b^3\,t\,\sigma_1 + 33600\,C_2\,L^{10}\,b^3\,t\,\sigma_1$$
$$- 126000\,C_3\,L^{10}\,b^3\,t\,\sigma_1$$

$$a_{b,2} = 3780\,C_1\,L^{11}\,b^2\,r_0 - 15120\,C_2\,L^{11}\,b^2\,r_0 + 56700\,C_3\,L^{11}\,b^2\,r_0 + 3780\,C_1\,L^{11}\,b^2\,t$$
$$- 15120\,C_2\,L^{11}\,b^2\,t + 56700\,C_3\,L^{11}\,b^2\,t + 8400\,C_1\,L^{11}\,b^2\,r_0\,\log(L) - 33600\,C_2\,L^{11}\,b^2\,r_0\,\log(L)$$
$$+ 126000\,C_3\,L^{11}\,b^2\,r_0\,\log(L) + 8400\,C_1\,L^{11}\,b^2\,t\,\log(L) - 33600\,C_2\,L^{11}\,b^2\,t\,\log(L)$$
$$+ 126000\,C_3\,L^{11}\,b^2\,t\,\log(L) - 8400\,C_1\,L^{11}\,b^2\,r_0\,\sigma_1 + 33600\,C_2\,L^{11}\,b^2\,r_0\,\sigma_1 - 126000\,C_3\,L^{11}\,b^2\,r_0\,\sigma_1$$
$$- 8400\,C_1\,L^{11}\,b^2\,t\,\sigma_1 + 33600\,C_2\,L^{11}\,b^2\,t\,\sigma_1 - 126000\,C_3\,L^{11}\,b^2\,t\,\sigma_1$$

$$a_{b,1} = 840\,C_1\,L^{12}\,b\,r_0 - 3360\,C_2\,L^{12}\,b\,r_0 + 12600\,C_3\,L^{12}\,b\,r_0 + 840\,C_1\,L^{12}\,b\,t - 3360\,C_2\,L^{12}\,b\,t$$
$$+ 12600\,C_3\,L^{12}\,b\,t - 4200\,C_1\,L^{12}\,b\,r_0\,\sigma_1 + 16800\,C_2\,L^{12}\,b\,r_0\,\sigma_1 - 63000\,C_3\,L^{12}\,b\,r_0\,\sigma_1$$
$$- 4200\,C_1\,L^{12}\,b\,t\,\sigma_1 + 16800\,C_2\,L^{12}\,b\,t\,\sigma_1 - 63000\,C_3\,L^{12}\,b\,t\,\sigma_1 + 4200\,C_1\,L^{12}\,b\,r_0\,\log(L)$$
$$- 16800\,C_2\,L^{12}\,b\,r_0\,\log(L) + 63000\,C_3\,L^{12}\,b\,r_0\,\log(L) + 4200\,C_1\,L^{12}\,b\,t\,\log(L) - 16800\,C_2\,L^{12}\,b\,t\,\log(L)$$
$$+ 63000\,C_3\,L^{12}\,b\,t\,\log(L)$$

$$a_{b,0} = 3360\,C_2\,L^{13}\,r_0\,\sigma_1 - 840\,C_1\,L^{13}\,r_0\,\sigma_1 - 12600\,C_3\,L^{13}\,r_0\,\sigma_1 - 840\,C_1\,L^{13}\,t\,\sigma_1$$
$$+ 3360\,C_2\,L^{13}\,t\,\sigma_1 - 12600\,C_3\,L^{13}\,t\,\sigma_1 + 840\,C_1\,L^{13}\,r_0\,\log(L) - 3360\,C_2\,L^{13}\,r_0\,\log(L)$$
$$+ 12600\,C_3\,L^{13}\,r_0\,\log(L) + 840\,C_1\,L^{13}\,t\,\log(L) - 3360\,C_2\,L^{13}\,t\,\log(L) + 12600\,C_3\,L^{13}\,t\,\log(L)$$

$$b_{b,7} = 210\,L^6\,b^5 \quad b_{b,6} = 1050\,L^7\,b^4 \quad b_{b,5} = 2100\,L^8\,b^3 \quad b_{b,4} = 2100\,L^9\,b^2 \quad b_{b,3} = 1050\,L^{10}\,b$$
$$b_{b,2} = 210\,L^{11}$$

where
$$\sigma_1 = \log(L + b\,q)$$

$$a_{h,18} = 2520\,C_3\,t\,b^{17}\,h + 21420\,C_3\,t\,b^{16}\,h^2 + 86940\,C_3\,t\,b^{15}\,h^3 + 223650\,C_3\,t\,b^{14}\,h^4 + 405090\,C_3\,t\,b^{13}\,h^5$$
$$+ 540540\,C_3\,t\,b^{12}\,h^6 + 540540\,C_3\,t\,b^{11}\,h^7 + 405405\,C_3\,t\,b^{10}\,h^8 + 225225\,C_3\,t\,b^9\,h^9 + 90090\,C_3\,t\,b^8\,h^{10}$$
$$+ 24570\,C_3\,t\,b^7\,h^{11} + 4095\,C_3\,t\,b^6\,h^{12} + 315\,C_3\,t\,b^5\,h^{13}$$

$$a_{h,17} = 40320\,C_3\,L\,t\,b^{16}\,h + 322560\,C_3\,L\,t\,b^{15}\,h^2 + 1228500\,C_3\,L\,t\,b^{14}\,h^3 + 2954700\,C_3\,L\,t\,b^{13}\,h^4$$
$$+ 4981410\,C_3\,L\,t\,b^{12}\,h^5 + 6153840\,C_3\,L\,t\,b^{11}\,h^6 + 5660820\,C_3\,L\,t\,b^{10}\,h^7 + 3875850\,C_3\,L\,t\,b^9\,h^8$$
$$+ 1947825\,C_3\,L\,t\,b^8\,h^9 + 696960\,C_3\,L\,t\,b^7\,h^{10} + 167670\,C_3\,L\,t\,b^6\,h^{11} + 24210\,C_3\,L\,t\,b^5\,h^{12}$$
$$+ 1575\,C_3\,L\,t\,b^4\,h^{13}$$

$$a_{h,16} = 280\,C_2\,L^2\,b^5\,h^{11}\,t + 3080\,C_2\,L^2\,b^6\,h^{10}\,t + 15400\,C_2\,L^2\,b^7\,h^9\,t + 46200\,C_2\,L^2\,b^8\,h^8\,t$$
$$+ 92400\,C_2\,L^2\,b^9\,h^7\,t + 129360\,C_2\,L^2\,b^{10}\,h^6\,t + 129080\,C_2\,L^2\,b^{11}\,h^5\,t + 91000\,C_2\,L^2\,b^{12}\,h^4\,t$$
$$+ 43400\,C_2\,L^2\,b^{13}\,h^3\,t + 12600\,C_2\,L^2\,b^{14}\,h^2\,t + 3150\,C_3\,L^2\,b^3\,h^{13}\,t + 59625\,C_3\,L^2\,b^4\,h^{12}\,t$$
$$+ 488370\,C_3\,L^2\,b^5\,h^{11}\,t + 2337720\,C_3\,L^2\,b^6\,h^{10}\,t + 7382100\,C_3\,L^2\,b^7\,h^9\,t + 16362225\,C_3\,L^2\,b^8\,h^8\,t$$
$$+ 26324100\,C_3\,L^2\,b^9\,h^7\,t + 31240440\,C_3\,L^2\,b^{10}\,h^6\,t + 27405420\,C_3\,L^2\,b^{11}\,h^5\,t$$
$$+ 17512950\,C_3\,L^2\,b^{12}\,h^4\,t + 7809900\,C_3\,L^2\,b^{13}\,h^3\,t + 2192400\,C_3\,L^2\,b^{14}\,h^2\,t + 1680\,C_2\,L^2\,b^{15}\,h\,t$$

$$+ 292320\, C_3\, L^2\, b^{15}\, h\, t$$

$$
\begin{aligned}
a_{h,15} ={}& 1400\, C_2\, L^3\, b^4\, h^{11}\, t + 18144\, C_2\, L^3\, b^5\, h^{10}\, t + 104440\, C_2\, L^3\, b^6\, h^9\, t + 354480\, C_2\, L^3\, b^7\, h^8\, t \\
& + 791280\, C_2\, L^3\, b^8\, h^7\, t + 1223040\, C_2\, L^3\, b^9\, h^6\, t + 1335544\, C_2\, L^3\, b^{10}\, h^5\, t + 1023120\, C_2\, L^3\, b^{11}\, h^4\, t \\
& + 527240\, C_2\, L^3\, b^{12}\, h^3\, t + 164640\, C_2\, L^3\, b^{13}\, h^2\, t + 3150\, C_3\, L^3\, b^2\, h^{13}\, t + 78300\, C_3\, L^3\, b^3\, h^{12}\, t \\
& + 786750\, C_3\, L^3\, b^4\, h^{11}\, t + 4437216\, C_3\, L^3\, b^5\, h^{10}\, t + 16074660\, C_3\, L^3\, b^6\, h^9\, t \\
& + 40106520\, C_3\, L^3\, b^7\, h^8\, t + 71611020\, C_3\, L^3\, b^8\, h^7\, t + 93285360\, C_3\, L^3\, b^9\, h^6\, t + 89048316\, C_3\, L^3\, b^{10}\, h^5\, t \\
& + 61510680\, C_3\, L^3\, b^{11}\, h^4\, t + 29514660\, C_3\, L^3\, b^{12}\, h^3\, t + 8890560\, C_3\, L^3\, b^{13}\, h^2\, t \\
& + 23520\, C_2\, L^3\, b^{14}\, h\, t + 1270080\, C_3\, L^3\, b^{14}\, h\, t
\end{aligned}
$$

$$
\begin{aligned}
a_{h,14} ={}& 210\, C_1\, L^4\, b^5\, h^9\, t + 1890\, C_1\, L^4\, b^6\, h^8\, t + 7560\, C_1\, L^4\, b^7\, h^7\, t + 17640\, C_1\, L^4\, b^8\, h^6\, t \\
& + 26250\, C_1\, L^4\, b^9\, h^5\, t + 25410\, C_1\, L^4\, b^{10}\, h^4\, t + 15540\, C_1\, L^4\, b^{11}\, h^3\, t + 5460\, C_1\, L^4\, b^{12}\, h^2\, t \\
& + 2800\, C_2\, L^4\, b^3\, h^{11}\, t + 44520\, C_2\, L^4\, b^4\, h^{10}\, t + 302400\, C_2\, L^4\, b^5\, h^9\, t + 1180200\, C_2\, L^4\, b^6\, h^8\, t \\
& + 2973600\, C_2\, L^4\, b^7\, h^7\, t + 5115600\, C_2\, L^4\, b^8\, h^6\, t + 6151040\, C_2\, L^4\, b^9\, h^5\, t + 5146680\, C_2\, L^4\, b^{10}\, h^4\, t \\
& + 2879520\, C_2\, L^4\, b^{11}\, h^3\, t + 971880\, C_2\, L^4\, b^{12}\, h^2\, t + 57825\, C_3\, L^4\, b^2\, h^{12}\, t + 756750\, C_3\, L^4\, b^3\, h^{11}\, t \\
& + 5207580\, C_3\, L^4\, b^4\, h^{10}\, t + 22126860\, C_3\, L^4\, b^5\, h^9\, t + 63068040\, C_3\, L^4\, b^6\, h^8\, t + 126254160\, C_3\, L^4\, b^7\, h^7\, t \\
& + 181829340\, C_3\, L^4\, b^8\, h^6\, t + 189849660\, C_3\, L^4\, b^9\, h^5\, t + 142314480\, C_3\, L^4\, b^{10}\, h^4\, t \\
& + 73737720\, C_3\, L^4\, b^{11}\, h^3\, t + 23931180\, C_3\, L^4\, b^{12}\, h^2\, t + 840\, C_1\, L^4\, b^{13}\, h\, t + 149520\, C_2\, L^4\, b^{13}\, h\, t \\
& + 1575\, C_3\, L^4\, b\, h^{13}\, t + 3681720\, C_3\, L^4\, b^{13}\, h\, t
\end{aligned}
$$

$$
\begin{aligned}
a_{h,13} ={}& 315\, C_3\, L^5\, h^{13}\, t + 1050\, C_1\, L^5\, b^4\, h^9\, t + 11060\, C_1\, L^5\, b^5\, h^8\, t + 50680\, C_1\, L^5\, b^6\, h^7\, t \\
& + 133280\, C_1\, L^5\, b^7\, h^6\, t + 220850\, C_1\, L^5\, b^8\, h^5\, t + 235900\, C_1\, L^5\, b^9\, h^4\, t + 158060\, C_1\, L^5\, b^{10}\, h^3\, t \\
& + 60480\, C_1\, L^5\, b^{11}\, h^2\, t + 2800\, C_2\, L^5\, b^2\, h^{11}\, t + 58240\, C_2\, L^5\, b^3\, h^{10}\, t + 484400\, C_2\, L^5\, b^4\, h^9\, t \\
& + 2225440\, C_2\, L^5\, b^5\, h^8\, t + 6429920\, C_2\, L^5\, b^6\, h^7\, t + 12449920\, C_2\, L^5\, b^7\, h^6\, t + 16619680\, C_2\, L^5\, b^8\, h^5\, t \\
& + 15288000\, C_2\, L^5\, b^9\, h^4\, t + 9340800\, C_2\, L^5\, b^{10}\, h^3\, t + 3427200\, C_2\, L^5\, b^{11}\, h^2\, t + 434370\, C_3\, L^5\, b^2\, h^{11}\, t \\
& + 3864000\, C_3\, L^5\, b^3\, h^{10}\, t + 19918500\, C_3\, L^5\, b^4\, h^9\, t + 66256680\, C_3\, L^5\, b^5\, h^8\, t \\
& + 150818640\, C_3\, L^5\, b^6\, h^7\, t + 242437440\, C_3\, L^5\, b^7\, h^6\, t + 278688900\, C_3\, L^5\, b^8\, h^5\, t \\
& + 227770200\, C_3\, L^5\, b^9\, h^4\, t + 127937880\, C_3\, L^5\, b^{10}\, h^3\, t + 44936640\, C_3\, L^5\, b^{11}\, h^2\, t \\
& + 10080\, C_1\, L^5\, b^{12}\, h\, t + 571200\, C_2\, L^5\, b^{12}\, h\, t + 22770\, C_3\, L^5\, b\, h^{12}\, t + 7489440\, C_3\, L^5\, b^{12}\, h\, t
\end{aligned}
$$

$$
\begin{aligned}
a_{h,12} ={}& 3735\, C_3\, L^6\, h^{12}\, t + 2100\, C_1\, L^6\, b^3\, h^9\, t + 26950\, C_1\, L^6\, b^4\, h^8\, t + 145320\, C_1\, L^6\, b^5\, h^7\, t \\
& + 439040\, C_1\, L^6\, b^6\, h^6\, t + 821800\, C_1\, L^6\, b^7\, h^5\, t + 979650\, C_1\, L^6\, b^8\, h^4\, t + 725900\, C_1\, L^6\, b^9\, h^3\, t \\
& + 304920\, C_1\, L^6\, b^{10}\, h^2\, t + 42840\, C_2\, L^6\, b^2\, h^{10}\, t + 463400\, C_2\, L^6\, b^3\, h^9\, t + 2597000\, C_2\, L^6\, b^4\, h^8\, t \\
& + 8803200\, C_2\, L^6\, b^5\, h^7\, t + 19482400\, C_2\, L^6\, b^6\, h^6\, t + 29188880\, C_2\, L^6\, b^7\, h^5\, t \\
& + 29761200\, C_2\, L^6\, b^8\, h^4\, t + 19996200\, C_2\, L^6\, b^9\, h^3\, t + 8029560\, C_2\, L^6\, b^{10}\, h^2\, t \\
& + 1766520\, C_3\, L^6\, b^2\, h^{10}\, t + 11684400\, C_3\, L^6\, b^3\, h^9\, t + 46857300\, C_3\, L^6\, b^4\, h^8\, t \\
& + 123752160\, C_3\, L^6\, b^5\, h^7\, t + 224933520\, C_3\, L^6\, b^6\, h^6\, t + 287075040\, C_3\, L^6\, b^7\, h^5\, t \\
& + 257210100\, C_3\, L^6\, b^8\, h^4\, t + 157273200\, C_3\, L^6\, b^9\, h^3\, t + 60069240\, C_3\, L^6\, b^{10}\, h^2\, t
\end{aligned}
$$

$$+ 55440\, C_1\, L^6\, b^{11}\, h\, t + 1400\, C_2\, L^6\, b\, h^{11}\, t + 1459920\, C_2\, L^6\, b^{11}\, h\, t + 137670\, C_3\, L^6\, b\, h^{11}\, t$$
$$+ 10921680\, C_3\, L^6\, b^{11}\, h\, t$$

$$a_{h,11} = 280\, C_2\, L^7\, h^{11}\, t + 18570\, C_3\, L^7\, h^{11}\, t + 2100\, C_1\, L^7\, b^2\, h^9\, t + 35000\, C_1\, L^7\, b^3\, h^8\, t$$
$$+ 231000\, C_1\, L^7\, b^4\, h^7\, t + 823200\, C_1\, L^7\, b^5\, h^6\, t + 1773800\, C_1\, L^7\, b^6\, h^5\, t + 2394000\, C_1\, L^7\, b^7\, h^4\, t$$
$$+ 1984500\, C_1\, L^7\, b^8\, h^3\, t + 924000\, C_1\, L^7\, b^9\, h^2\, t + 264600\, C_2\, L^7\, b^2\, h^9\, t + 1918000\, C_2\, L^7\, b^3\, h^8\, t$$
$$+ 7896000\, C_2\, L^7\, b^4\, h^7\, t + 20415360\, C_2\, L^7\, b^5\, h^6\, t + 34829200\, C_2\, L^7\, b^6\, h^5\, t + 39765600\, C_2\, L^7\, b^7\, h^4\, t$$
$$+ 29622600\, C_2\, L^7\, b^8\, h^3\, t + 13120800\, C_2\, L^7\, b^9\, h^2\, t + 4284000\, C_3\, L^7\, b^2\, h^9\, t + 21856800\, C_3\, L^7\, b^3\, h^8\, t$$
$$+ 69048000\, C_3\, L^7\, b^4\, h^7\, t + 144527040\, C_3\, L^7\, b^5\, h^6\, t + 207076800\, C_3\, L^7\, b^6\, h^5\, t + 204724800\, C_3\, L^7\, b^7\, h^4\, t$$
$$+ 136836000\, C_3\, L^7\, b^8\, h^3\, t + 57103200\, C_3\, L^7\, b^9\, h^2\, t + 184800\, C_1\, L^7\, b^{10}\, h\, t + 16800\, C_2\, L^7\, b\, h^{10}\, t$$
$$+ 2624160\, C_2\, L^7\, b^{10}\, h\, t + 453600\, C_3\, L^7\, b\, h^{10}\, t + 11420640\, C_3\, L^7\, b^{10}\, h\, t$$

$$a_{h,10} = 2744\, C_2\, L^8\, h^{10}\, t + 49866\, C_3\, L^8\, h^{10}\, t - 840\, C_1\, L^8\, b^{10}\, t\, \sigma_1 + 3360\, C_2\, L^8\, b^{10}\, t\, \sigma_1 - 12600\, C_3\, L^8\, b^{10}\, t\, \sigma_1$$
$$+ 25550\, C_1\, L^8\, b^2\, h^8\, t + 219800\, C_1\, L^8\, b^3\, h^7\, t + 960400\, C_1\, L^8\, b^4\, h^6\, t + 2445100\, C_1\, L^8\, b^5\, h^5\, t$$
$$+ 3807300\, C_1\, L^8\, b^6\, h^4\, t + 3582600\, C_1\, L^8\, b^7\, h^3\, t + 1871100\, C_1\, L^8\, b^8\, h^2\, t + 873880\, C_2\, L^8\, b^2\, h^8\, t$$
$$+ 4624480\, C_2\, L^8\, b^3\, h^7\, t + 14433440\, C_2\, L^8\, b^4\, h^6\, t + 28601888\, C_2\, L^8\, b^5\, h^5\, t + 37032240\, C_2\, L^8\, b^6\, h^4\, t$$
$$+ 30871680\, C_2\, L^8\, b^7\, h^3\, t + 15218280\, C_2\, L^8\, b^8\, h^2\, t + 6354795\, C_3\, L^8\, b^2\, h^8\, t + 25249620\, C_3\, L^8\, b^3\, h^7\, t$$
$$+ 62551860\, C_3\, L^8\, b^4\, h^6\, t + 102203682\, C_3\, L^8\, b^5\, h^5\, t + 112459410\, C_3\, L^8\, b^6\, h^4\, t + 82526220\, C_3\, L^8\, b^7\, h^3\, t$$
$$+ 37796220\, C_3\, L^8\, b^8\, h^2\, t + 840\, C_1\, L^8\, b^{10}\, t\, \sigma_2 - 3360\, C_2\, L^8\, b^{10}\, t\, \sigma_2 + 12600\, C_3\, L^8\, b^{10}\, t\, \sigma_2$$
$$+ 1050\, C_1\, L^8\, b\, h^9\, t + 415800\, C_1\, L^8\, b^9\, h\, t + 83440\, C_2\, L^8\, b\, h^9\, t + 3381840\, C_2\, L^8\, b^9\, h\, t$$
$$+ 883335\, C_3\, L^8\, b\, h^9\, t + 8399160\, C_3\, L^8\, b^9\, h\, t + 4200\, C_1\, L^8\, b^9\, h\, t\, \sigma_2 - 16800\, C_2\, L^8\, b^9\, h\, t\, \sigma_2$$
$$+ 63000\, C_3\, L^8\, b^9\, h\, t\, \sigma_2 - 4200\, C_1\, L^8\, b^9\, h\, t\, \sigma_1 + 16800\, C_2\, L^8\, b^9\, h\, t\, \sigma_1 - 63000\, C_3\, L^8\, b^9\, h\, t\, \sigma_1$$
$$+ 840\, C_1\, L^8\, b^5\, h^5\, t\, \sigma_2 + 4200\, C_1\, L^8\, b^6\, h^4\, t\, \sigma_2 + 8400\, C_1\, L^8\, b^7\, h^3\, t\, \sigma_2 + 8400\, C_1\, L^8\, b^8\, h^2\, t\, \sigma_2$$
$$- 3360\, C_2\, L^8\, b^5\, h^5\, t\, \sigma_2 - 16800\, C_2\, L^8\, b^6\, h^4\, t\, \sigma_2 - 33600\, C_2\, L^8\, b^7\, h^3\, t\, \sigma_2 - 33600\, C_2\, L^8\, b^8\, h^2\, t\, \sigma_2$$
$$+ 12600\, C_3\, L^8\, b^5\, h^5\, t\, \sigma_2 + 63000\, C_3\, L^8\, b^6\, h^4\, t\, \sigma_2 + 126000\, C_3\, L^8\, b^7\, h^3\, t\, \sigma_2 + 126000\, C_3\, L^8\, b^8\, h^2\, t\, \sigma_2$$
$$- 840\, C_1\, L^8\, b^5\, h^5\, t\, \sigma_1 - 4200\, C_1\, L^8\, b^6\, h^4\, t\, \sigma_1 - 8400\, C_1\, L^8\, b^7\, h^3\, t\, \sigma_1 - 8400\, C_1\, L^8\, b^8\, h^2\, t\, \sigma_1$$
$$+ 3360\, C_2\, L^8\, b^5\, h^5\, t\, \sigma_1 + 16800\, C_2\, L^8\, b^6\, h^4\, t\, \sigma_1 + 33600\, C_2\, L^8\, b^7\, h^3\, t\, \sigma_1 + 33600\, C_2\, L^8\, b^8\, h^2\, t\, \sigma_1$$
$$- 12600\, C_3\, L^8\, b^5\, h^5\, t\, \sigma_1 - 63000\, C_3\, L^8\, b^6\, h^4\, t\, \sigma_1 - 126000\, C_3\, L^8\, b^7\, h^3\, t\, \sigma_1 - 126000\, C_3\, L^8\, b^8\, h^2\, t\, \sigma_1$$

$$a_{h,9} = 210\, C_1\, L^9\, h^9\, t + 11200\, C_2\, L^9\, h^9\, t + 76935\, C_3\, L^9\, h^9\, t - 8400\, C_1\, L^9\, b^9\, t\, \sigma_1 + 33600\, C_2\, L^9\, b^9\, t\, \sigma_1$$
$$- 126000\, C_3\, L^9\, b^9\, t\, \sigma_1 + 125160\, C_1\, L^9\, b^2\, h^7\, t + 713440\, C_1\, L^9\, b^3\, h^6\, t + 2230340\, C_1\, L^9\, b^4\, h^5\, t$$
$$+ 4113480\, C_1\, L^9\, b^5\, h^4\, t + 4479720\, C_1\, L^9\, b^6\, h^3\, t + 2664480\, C_1\, L^9\, b^7\, h^2\, t + 1696800\, C_2\, L^9\, b^2\, h^7\, t$$
$$+ 6742400\, C_2\, L^9\, b^3\, h^6\, t + 15964480\, C_2\, L^9\, b^4\, h^5\, t + 23795520\, C_2\, L^9\, b^5\, h^4\, t + 22404480\, C_2\, L^9\, b^6\, h^3\, t$$
$$+ 12405120\, C_2\, L^9\, b^7\, h^2\, t + 5592060\, C_3\, L^9\, b^2\, h^7\, t + 17157840\, C_3\, L^9\, b^3\, h^6\, t + 32823210\, C_3\, L^9\, b^4\, h^5\, t$$
$$+ 40926060\, C_3\, L^9\, b^5\, h^4\, t + 33363540\, C_3\, L^9\, b^6\, h^3\, t + 16904160\, C_3\, L^9\, b^7\, h^2\, t + 8400\, C_1\, L^9\, b^9\, t\, \sigma_2$$
$$- 33600\, C_2\, L^9\, b^9\, t\, \sigma_2 + 126000\, C_3\, L^9\, b^9\, t\, \sigma_2 + 9940\, C_1\, L^9\, b\, h^8\, t + 666120\, C_1\, L^9\, b^8\, h\, t$$
$$+ 224000\, C_2\, L^9\, b\, h^8\, t + 3101280\, C_2\, L^9\, b^8\, h\, t + 1016790\, C_3\, L^9\, b\, h^8\, t + 4226040\, C_3\, L^9\, b^8\, h\, t$$

$$+ 37800\,C_1\,L^9\,b^8\,h\,t\,\sigma_2 - 151200\,C_2\,L^9\,b^8\,h\,t\,\sigma_2 + 567000\,C_3\,L^9\,b^8\,h\,t\,\sigma_2$$
$$- 37800\,C_1\,L^9\,b^8\,h\,t\,\sigma_1 + 151200\,C_2\,L^9\,b^8\,h\,t\,\sigma_1 - 567000\,C_3\,L^9\,b^8\,h\,t\,\sigma_1$$
$$+ 4200\,C_1\,L^9\,b^4\,h^5\,t\,\sigma_2 + 25200\,C_1\,L^9\,b^5\,h^4\,t\,\sigma_2 + 58800\,C_1\,L^9\,b^6\,h^3\,t\,\sigma_2$$
$$+ 67200\,C_1\,L^9\,b^7\,h^2\,t\,\sigma_2 - 16800\,C_2\,L^9\,b^4\,h^5\,t\,\sigma_2 - 100800\,C_2\,L^9\,b^5\,h^4\,t\,\sigma_2$$
$$- 235200\,C_2\,L^9\,b^6\,h^3\,t\,\sigma_2 - 268800\,C_2\,L^9\,b^7\,h^2\,t\,\sigma_2 + 63000\,C_3\,L^9\,b^4\,h^5\,t\,\sigma_2$$
$$+ 378000\,C_3\,L^9\,b^5\,h^4\,t\,\sigma_2 + 882000\,C_3\,L^9\,b^6\,h^3\,t\,\sigma_2 + 1008000\,C_3\,L^9\,b^7\,h^2\,t\,\sigma_2$$
$$- 4200\,C_1\,L^9\,b^4\,h^5\,t\,\sigma_1 - 25200\,C_1\,L^9\,b^5\,h^4\,t\,\sigma_1 - 58800\,C_1\,L^9\,b^6\,h^3\,t\,\sigma_1$$
$$- 67200\,C_1\,L^9\,b^7\,h^2\,t\,\sigma_1 + 16800\,C_2\,L^9\,b^4\,h^5\,t\,\sigma_1 + 100800\,C_2\,L^9\,b^5\,h^4\,t\,\sigma_1$$
$$+ 235200\,C_2\,L^9\,b^6\,h^3\,t\,\sigma_1 + 268800\,C_2\,L^9\,b^7\,h^2\,t\,\sigma_1 - 63000\,C_3\,L^9\,b^4\,h^5\,t\,\sigma_1$$
$$- 378000\,C_3\,L^9\,b^5\,h^4\,t\,\sigma_1 - 882000\,C_3\,L^9\,b^6\,h^3\,t\,\sigma_1 - 1008000\,C_3\,L^9\,b^7\,h^2\,t\,\sigma_1$$

$$a_{h,8} = 1610\,C_1\,L^{10}\,h^8\,t + 24640\,C_2\,L^{10}\,h^8\,t + 64875\,C_3\,L^{10}\,h^8\,t - 37800\,C_1\,L^{10}\,b^8\,t\,\sigma_1 + 151200\,C_2\,L^{10}\,b^8\,t\,\sigma_1$$
$$- 567000\,C_3\,L^{10}\,b^8\,t\,\sigma_1 + 329280\,C_1\,L^{10}\,b^2\,h^6\,t + 1345960\,C_1\,L^{10}\,b^3\,h^5\,t + 3059700\,C_1\,L^{10}\,b^4\,h^4\,t$$
$$+ 3963960\,C_1\,L^{10}\,b^5\,h^3\,t + 2740080\,C_1\,L^{10}\,b^6\,h^2\,t + 1963920\,C_2\,L^{10}\,b^2\,h^6\,t + 5793200\,C_2\,L^{10}\,b^3\,h^5\,t$$
$$+ 10071600\,C_2\,L^{10}\,b^4\,h^4\,t + 10720080\,C_2\,L^{10}\,b^5\,h^3\,t + 6691440\,C_2\,L^{10}\,b^6\,h^2\,t + 2633400\,C_3\,L^{10}\,b^2\,h^6\,t$$
$$+ 6335700\,C_3\,L^{10}\,b^3\,h^5\,t + 9780750\,C_3\,L^{10}\,b^4\,h^4\,t + 9733500\,C_3\,L^{10}\,b^5\,h^3\,t$$
$$+ 5821200\,C_3\,L^{10}\,b^6\,h^2\,t + 37800\,C_1\,L^{10}\,b^8\,t\,\sigma_2 - 151200\,C_2\,L^{10}\,b^8\,t\,\sigma_2 + 567000\,C_3\,L^{10}\,b^8\,t\,\sigma_2$$
$$+ 39480\,C_1\,L^{10}\,b\,h^7\,t + 782880\,C_1\,L^{10}\,b^7\,h\,t + 351120\,C_2\,L^{10}\,b\,h^7\,t + 1911840\,C_2\,L^{10}\,b^7\,h\,t$$
$$+ 632700\,C_3\,L^{10}\,b\,h^7\,t + 1663200\,C_3\,L^{10}\,b^7\,h\,t + 151200\,C_1\,L^{10}\,b^7\,h\,t\,\sigma_2 - 604800\,C_2\,L^{10}\,b^7\,h\,t\,\sigma_2$$
$$+ 2268000\,C_3\,L^{10}\,b^7\,h\,t\,\sigma_2 - 151200\,C_1\,L^{10}\,b^7\,h\,t\,\sigma_1 + 604800\,C_2\,L^{10}\,b^7\,h\,t\,\sigma_1 - 2268000\,C_3\,L^{10}\,b^7\,h\,t\,\sigma_1$$
$$+ 8400\,C_1\,L^{10}\,b^3\,h^5\,t\,\sigma_2 + 63000\,C_1\,L^{10}\,b^4\,h^4\,t\,\sigma_2 + 176400\,C_1\,L^{10}\,b^5\,h^3\,t\,\sigma_2 + 235200\,C_1\,L^{10}\,b^6\,h^2\,t\,\sigma_2$$
$$- 33600\,C_2\,L^{10}\,b^3\,h^5\,t\,\sigma_2 - 252000\,C_2\,L^{10}\,b^4\,h^4\,t\,\sigma_2 - 705600\,C_2\,L^{10}\,b^5\,h^3\,t\,\sigma_2 - 940800\,C_2\,L^{10}\,b^6\,h^2\,t\,\sigma_2$$
$$+ 126000\,C_3\,L^{10}\,b^3\,h^5\,t\,\sigma_2 + 945000\,C_3\,L^{10}\,b^4\,h^4\,t\,\sigma_2 + 2646000\,C_3\,L^{10}\,b^5\,h^3\,t\,\sigma_2$$
$$+ 3528000\,C_3\,L^{10}\,b^6\,h^2\,t\,\sigma_2 - 8400\,C_1\,L^{10}\,b^3\,h^5\,t\,\sigma_1 - 63000\,C_1\,L^{10}\,b^4\,h^4\,t\,\sigma_1$$
$$- 176400\,C_1\,L^{10}\,b^5\,h^3\,t\,\sigma_1 - 235200\,C_1\,L^{10}\,b^6\,h^2\,t\,\sigma_1 + 33600\,C_2\,L^{10}\,b^3\,h^5\,t\,\sigma_1 + 252000\,C_2\,L^{10}\,b^4\,h^4\,t\,\sigma_1$$
$$+ 705600\,C_2\,L^{10}\,b^5\,h^3\,t\,\sigma_1 + 940800\,C_2\,L^{10}\,b^6\,h^2\,t\,\sigma_1 - 126000\,C_3\,L^{10}\,b^3\,h^5\,t\,\sigma_1$$
$$- 945000\,C_3\,L^{10}\,b^4\,h^4\,t\,\sigma_1 - 2646000\,C_3\,L^{10}\,b^5\,h^3\,t\,\sigma_1 - 3528000\,C_3\,L^{10}\,b^6\,h^2\,t\,\sigma_1$$

$$a_{h,7} = 5320\,C_1\,L^{11}\,h^7\,t + 30800\,C_2\,L^{11}\,h^7\,t + 22740\,C_3\,L^{11}\,h^7\,t - 100800\,C_1\,L^{11}\,b^7\,t\,\sigma_1$$
$$+ 403200\,C_2\,L^{11}\,b^7\,t\,\sigma_1 - 1512000\,C_3\,L^{11}\,b^7\,t\,\sigma_1 + 518840\,C_1\,L^{11}\,b^2\,h^5\,t$$
$$+ 1554000\,C_1\,L^{11}\,b^3\,h^4\,t + 2499000\,C_1\,L^{11}\,b^4\,h^3\,t + 2066400\,C_1\,L^{11}\,b^5\,h^2\,t$$
$$+ 1226960\,C_2\,L^{11}\,b^2\,h^5\,t + 2424800\,C_2\,L^{11}\,b^3\,h^4\,t + 2707600\,C_2\,L^{11}\,b^4\,h^3\,t$$
$$+ 1794240\,C_2\,L^{11}\,b^5\,h^2\,t + 771540\,C_3\,L^{11}\,b^2\,h^5\,t + 2423400\,C_3\,L^{11}\,b^3\,h^4\,t$$
$$+ 4260900\,C_3\,L^{11}\,b^4\,h^3\,t + 3659040\,C_3\,L^{11}\,b^5\,h^2\,t + 100800\,C_1\,L^{11}\,b^7\,t\,\sigma_2$$
$$- 403200\,C_2\,L^{11}\,b^7\,t\,\sigma_2 + 1512000\,C_3\,L^{11}\,b^7\,t\,\sigma_2 + 86240\,C_1\,L^{11}\,b\,h^6\,t$$
$$+ 688800\,C_1\,L^{11}\,b^6\,h\,t + 313600\,C_2\,L^{11}\,b\,h^6\,t + 598080\,C_2\,L^{11}\,b^6\,h\,t$$

$$+ 169680\, C_3\, L^{11}\, b\, h^6\, t + 1219680\, C_3\, L^{11}\, b^6\, h\, t + 352800\, C_1\, L^{11}\, b^6\, h\, t\, \sigma_2 - 1411200\, C_2\, L^{11}\, b^6\, h\, t\, \sigma_2$$

$$+ 5292000\, C_3\, L^{11}\, b^6\, h\, t\, \sigma_2 - 352800\, C_1\, L^{11}\, b^6\, h\, t\, \sigma_1 + 1411200\, C_2\, L^{11}\, b^6\, h\, t\, \sigma_1$$

$$- 5292000\, C_3\, L^{11}\, b^6\, h\, t\, \sigma_1 + 8400\, C_1\, L^{11}\, b^2\, h^5\, t\, \sigma_2 + 84000\, C_1\, L^{11}\, b^3\, h^4\, t\, \sigma_2$$

$$+ 294000\, C_1\, L^{11}\, b^4\, h^3\, t\, \sigma_2 + 470400\, C_1\, L^{11}\, b^5\, h^2\, t\, \sigma_2$$

$$- 33600\, C_2\, L^{11}\, b^2\, h^5\, t\, \sigma_2 - 336000\, C_2\, L^{11}\, b^3\, h^4\, t\, \sigma_2 - 1176000\, C_2\, L^{11}\, b^4\, h^3\, t\, \sigma_2$$

$$- 1881600\, C_2\, L^{11}\, b^5\, h^2\, t\, \sigma_2 + 126000\, C_3\, L^{11}\, b^2\, h^5\, t\, \sigma_2 + 1260000\, C_3\, L^{11}\, b^3\, h^4\, t\, \sigma_2$$

$$+ 4410000\, C_3\, L^{11}\, b^4\, h^3\, t\, \sigma_2 + 7056000\, C_3\, L^{11}\, b^5\, h^2\, t\, \sigma_2 - 8400\, C_1\, L^{11}\, b^2\, h^5\, t\, \sigma_1$$

$$- 84000\, C_1\, L^{11}\, b^3\, h^4\, t\, \sigma_1 - 294000\, C_1\, L^{11}\, b^4\, h^3\, t\, \sigma_1 - 470400\, C_1\, L^{11}\, b^5\, h^2\, t\, \sigma_1$$

$$+ 33600\, C_2\, L^{11}\, b^2\, h^5\, t\, \sigma_1 + 336000\, C_2\, L^{11}\, b^3\, h^4\, t\, \sigma_1 + 1176000\, C_2\, L^{11}\, b^4\, h^3\, t\, \sigma_1$$

$$+ 1881600\, C_2\, L^{11}\, b^5\, h^2\, t\, \sigma_1 - 126000\, C_3\, L^{11}\, b^2\, h^5\, t\, \sigma_1 - 1260000\, C_3\, L^{11}\, b^3\, h^4\, t\, \sigma_1$$

$$- 4410000\, C_3\, L^{11}\, b^4\, h^3\, t\, \sigma_1 - 7056000\, C_3\, L^{11}\, b^5\, h^2\, t\, \sigma_1$$

$$a_{h,6} = 9800\, C_1\, L^{12}\, h^6\, t + 19600\, C_2\, L^{12}\, h^6\, t + 2100\, C_3\, L^{12}\, h^6\, t - 176400\, C_1\, L^{12}\, b^6\, t\, \sigma_1$$

$$+ 705600\, C_2\, L^{12}\, b^6\, t\, \sigma_1 - 2646000\, C_3\, L^{12}\, b^6\, t\, \sigma_1 + 521850\, C_1\, L^{12}\, b^2\, h^4\, t + 1119300\, C_1\, L^{12}\, b^3\, h^3\, t$$

$$+ 1157100\, C_1\, L^{12}\, b^4\, h^2\, t + 113400\, C_2\, L^{12}\, b^2\, h^4\, t - 249200\, C_2\, L^{12}\, b^3\, h^3\, t - 487200\, C_2\, L^{12}\, b^4\, h^2\, t$$

$$+ 1212750\, C_3\, L^{12}\, b^2\, h^4\, t + 3454500\, C_3\, L^{12}\, b^3\, h^3\, t + 3969000\, C_3\, L^{12}\, b^4\, h^2\, t + 176400\, C_1\, L^{12}\, b^6\, t\, \sigma_2$$

$$- 705600\, C_2\, L^{12}\, b^6\, t\, \sigma_2 + 2646000\, C_3\, L^{12}\, b^6\, t\, \sigma_2 + 116410\, C_1\, L^{12}\, b\, h^5\, t + 462840\, C_1\, L^{12}\, b^5\, h\, t$$

$$+ 109480\, C_2\, L^{12}\, b\, h^5\, t - 194880\, C_2\, L^{12}\, b^5\, h\, t + 143850\, C_3\, L^{12}\, b\, h^5\, t + 1587600\, C_3\, L^{12}\, b^5\, h\, t$$

$$+ 4200\, C_1\, L^{12}\, b\, h^5\, t\, \sigma_2 + 529200\, C_1\, L^{12}\, b^5\, h\, t\, \sigma_2 - 16800\, C_2\, L^{12}\, b\, h^5\, t\, \sigma_2 - 2116800\, C_2\, L^{12}\, b^5\, h\, t\, \sigma_2$$

$$+ 63000\, C_3\, L^{12}\, b\, h^5\, t\, \sigma_2 + 7938000\, C_3\, L^{12}\, b^5\, h\, t\, \sigma_2 - 4200\, C_1\, L^{12}\, b\, h^5\, t\, \sigma_1 - 529200\, C_1\, L^{12}\, b^5\, h\, t\, \sigma_1$$

$$+ 16800\, C_2\, L^{12}\, b\, h^5\, t\, \sigma_1 + 2116800\, C_2\, L^{12}\, b^5\, h\, t\, \sigma_1 - 63000\, C_3\, L^{12}\, b\, h^5\, t\, \sigma_1$$

$$- 7938000\, C_3\, L^{12}\, b^5\, h\, t\, \sigma_1 + 63000\, C_1\, L^{12}\, b^2\, h^4\, t\, \sigma_2 + 294000\, C_1\, L^{12}\, b^3\, h^3\, t\, \sigma_2$$

$$+ 588000\, C_1\, L^{12}\, b^4\, h^2\, t\, \sigma_2 - 252000\, C_2\, L^{12}\, b^2\, h^4\, t\, \sigma_2 - 1176000\, C_2\, L^{12}\, b^3\, h^3\, t\, \sigma_2$$

$$- 2352000\, C_2\, L^{12}\, b^4\, h^2\, t\, \sigma_2 + 945000\, C_3\, L^{12}\, b^2\, h^4\, t\, \sigma_2 + 4410000\, C_3\, L^{12}\, b^3\, h^3\, t\, \sigma_2$$

$$+ 8820000\, C_3\, L^{12}\, b^4\, h^2\, t\, \sigma_2 - 63000\, C_1\, L^{12}\, b^2\, h^4\, t\, \sigma_1 - 294000\, C_1\, L^{12}\, b^3\, h^3\, t\, \sigma_1$$

$$- 588000\, C_1\, L^{12}\, b^4\, h^2\, t\, \sigma_1 + 252000\, C_2\, L^{12}\, b^2\, h^4\, t\, \sigma_1 + 1176000\, C_2\, L^{12}\, b^3\, h^3\, t\, \sigma_1$$

$$+ 2352000\, C_2\, L^{12}\, b^4\, h^2\, t\, \sigma_1 - 945000\, C_3\, L^{12}\, b^2\, h^4\, t\, \sigma_1 - 4410000\, C_3\, L^{12}\, b^3\, h^3\, t\, \sigma_1$$

$$- 8820000\, C_3\, L^{12}\, b^4\, h^2\, t\, \sigma_1$$

$$a_{h,5} = 11690\, C_1\, L^{13}\, h^5\, t - 2296\, C_2\, L^{13}\, h^5\, t + 28770\, C_3\, L^{13}\, h^5\, t - 211680\, C_1\, L^{13}\, b^5\, t\, \sigma_1$$

$$+ 846720\, C_2\, L^{13}\, b^5\, t\, \sigma_1 - 3175200\, C_3\, L^{13}\, b^5\, t\, \sigma_1 - 840\, C_1\, L^{13}\, h^5\, t\, \sigma_1 + 3360\, C_2\, L^{13}\, h^5\, t\, \sigma_1$$

$$- 12600\, C_3\, L^{13}\, h^5\, t\, \sigma_1 + 350700\, C_1\, L^{13}\, b^2\, h^3\, t + 487200\, C_1\, L^{13}\, b^3\, h^2\, t - 498960\, C_2\, L^{13}\, b^2\, h^3\, t$$

$$- 792960\, C_2\, L^{13}\, b^3\, h^2\, t + 2072700\, C_3\, L^{13}\, b^2\, h^3\, t + 3175200\, C_3\, L^{13}\, b^3\, h^2\, t + 211680\, C_1\, L^{13}\, b^5\, t\, \sigma_2$$

$$- 846720\, C_2\, L^{13}\, b^5\, t\, \sigma_2 + 3175200\, C_3\, L^{13}\, b^5\, t\, \sigma_2 + 840\, C_1\, L^{13}\, h^5\, t\, \sigma_2 - 3360\, C_2\, L^{13}\, h^5\, t\, \sigma_2$$

$$+ 12600\, C_3\, L^{13}\, h^5\, t\, \sigma_2 + 107100\, C_1\, L^{13}\, b\, h^4\, t + 243600\, C_1\, L^{13}\, b^4\, h\, t - 102480\, C_2\, L^{13}\, b\, h^4\, t$$

$$- 396480\, C_2\, L^{13}\, b^4\, h\, t + 485100\, C_3\, L^{13}\, b\, h^4\, t + 1587600\, C_3\, L^{13}\, b^4\, h\, t + 25200\, C_1\, L^{13}\, b\, h^4\, t\, \sigma_2$$

$$+ 529200\, C_1\, L^{13}\, b^4\, h\, t\, \sigma_2 - 100800\, C_2\, L^{13}\, b\, h^4\, t\, \sigma_2 - 2116800\, C_2\, L^{13}\, b^4\, h\, t\, \sigma_2$$

$$+ 378000\, C_3\, L^{13}\, b\, h^4\, t\, \sigma_2 + 7938000\, C_3\, L^{13}\, b^4\, h\, t\, \sigma_2 - 25200\, C_1\, L^{13}\, b\, h^4\, t\, \sigma_1$$

$$- 529200\, C_1\, L^{13}\, b^4\, h\, t\, \sigma_1 + 100800\, C_2\, L^{13}\, b\, h^4\, t\, \sigma_1 + 2116800\, C_2\, L^{13}\, b^4\, h\, t\, \sigma_1$$

$$- 378000\, C_3\, L^{13}\, b\, h^4\, t\, \sigma_1 - 7938000\, C_3\, L^{13}\, b^4\, h\, t\, \sigma_1 + 176400\, C_1\, L^{13}\, b^2\, h^3\, t\, \sigma_2$$

$$+ 470400\, C_1\, L^{13}\, b^3\, h^2\, t\, \sigma_2 - 705600\, C_2\, L^{13}\, b^2\, h^3\, t\, \sigma_2 - 1881600\, C_2\, L^{13}\, b^3\, h^2\, t\, \sigma_2$$

$$+ 2646000\, C_3\, L^{13}\, b^2\, h^3\, t\, \sigma_2 + 7056000\, C_3\, L^{13}\, b^3\, h^2\, t\, \sigma_2 - 176400\, C_1\, L^{13}\, b^2\, h^3\, t\, \sigma_1$$

$$- 470400\, C_1\, L^{13}\, b^3\, h^2\, t\, \sigma_1 + 705600\, C_2\, L^{13}\, b^2\, h^3\, t\, \sigma_1 + 1881600\, C_2\, L^{13}\, b^3\, h^2\, t\, \sigma_1$$

$$- 2646000\, C_3\, L^{13}\, b^2\, h^3\, t\, \sigma_1 - 7056000\, C_3\, L^{13}\, b^3\, h^2\, t\, \sigma_1$$

$$a_{h,4} = 10570\, C_1\, L^{14}\, h^4\, t - 21560\, C_2\, L^{14}\, h^4\, t + 80850\, C_3\, L^{14}\, h^4\, t - 176400\, C_1\, L^{14}\, b^4\, t\, \sigma_1$$

$$+ 705600\, C_2\, L^{14}\, b^4\, t\, \sigma_1 - 2646000\, C_3\, L^{14}\, b^4\, t\, \sigma_1 - 4200\, C_1\, L^{14}\, h^4\, t\, \sigma_1 + 16800\, C_2\, L^{14}\, h^4\, t\, \sigma_1$$

$$- 63000\, C_3\, L^{14}\, h^4\, t\, \sigma_1 + 153720\, C_1\, L^{14}\, b^2\, h^2\, t - 423360\, C_2\, L^{14}\, b^2\, h^2\, t + 1587600\, C_3\, L^{14}\, b^2\, h^2\, t$$

$$+ 176400\, C_1\, L^{14}\, b^4\, t\, \sigma_2 - 705600\, C_2\, L^{14}\, b^4\, t\, \sigma_2 + 2646000\, C_3\, L^{14}\, b^4\, t\, \sigma_2 + 4200\, C_1\, L^{14}\, h^4\, t\, \sigma_2$$

$$- 16800\, C_2\, L^{14}\, h^4\, t\, \sigma_2 + 63000\, C_3\, L^{14}\, h^4\, t\, \sigma_2 + 72380\, C_1\, L^{14}\, b\, h^3\, t + 102480\, C_1\, L^{14}\, b^3\, h\, t$$

$$- 184240\, C_2\, L^{14}\, b\, h^3\, t - 282240\, C_2\, L^{14}\, b^3\, h\, t + 690900\, C_3\, L^{14}\, b\, h^3\, t + 1058400\, C_3\, L^{14}\, b^3\, h\, t$$

$$+ 58800\, C_1\, L^{14}\, b\, h^3\, t\, \sigma_2 + 352800\, C_1\, L^{14}\, b^3\, h\, t\, \sigma_2 - 235200\, C_2\, L^{14}\, b\, h^3\, t\, \sigma_2$$

$$- 1411200\, C_2\, L^{14}\, b^3\, h\, t\, \sigma_2 + 882000\, C_3\, L^{14}\, b\, h^3\, t\, \sigma_2 + 5292000\, C_3\, L^{14}\, b^3\, h\, t\, \sigma_2$$

$$- 58800\, C_1\, L^{14}\, b\, h^3\, t\, \sigma_1 - 352800\, C_1\, L^{14}\, b^3\, h\, t\, \sigma_1 + 235200\, C_2\, L^{14}\, b\, h^3\, t\, \sigma_1$$

$$+ 1411200\, C_2\, L^{14}\, b^3\, h\, t\, \sigma_1 - 882000\, C_3\, L^{14}\, b\, h^3\, t\, \sigma_1 - 5292000\, C_3\, L^{14}\, b^3\, h\, t\, \sigma_1$$

$$+ 235200\, C_1\, L^{14}\, b^2\, h^2\, t\, \sigma_2 - 940800\, C_2\, L^{14}\, b^2\, h^2\, t\, \sigma_2 + 3528000\, C_3\, L^{14}\, b^2\, h^2\, t\, \sigma_2$$

$$- 235200\, C_1\, L^{14}\, b^2\, h^2\, t\, \sigma_1 + 940800\, C_2\, L^{14}\, b^2\, h^2\, t\, \sigma_1 - 3528000\, C_3\, L^{14}\, b^2\, h^2\, t\, \sigma_1$$

$$a_{h,3} = 7700\, C_1\, L^{15}\, h^3\, t - 26320\, C_2\, L^{15}\, h^3\, t + 98700\, C_3\, L^{15}\, h^3\, t - 100800\, C_1\, L^{15}\, b^3\, t\, \sigma_1$$

$$+ 403200\, C_2\, L^{15}\, b^3\, t\, \sigma_1 - 1512000\, C_3\, L^{15}\, b^3\, t\, \sigma_1 - 8400\, C_1\, L^{15}\, h^3\, t\, \sigma_1 + 33600\, C_2\, L^{15}\, h^3\, t\, \sigma_1$$

$$- 126000\, C_3\, L^{15}\, h^3\, t\, \sigma_1 + 100800\, C_1\, L^{15}\, b^3\, t\, \sigma_2 - 403200\, C_2\, L^{15}\, b^3\, t\, \sigma_2 + 1512000\, C_3\, L^{15}\, b^3\, t\, \sigma_2$$

$$+ 8400\, C_1\, L^{15}\, h^3\, t\, \sigma_2 - 33600\, C_2\, L^{15}\, h^3\, t\, \sigma_2 + 126000\, C_3\, L^{15}\, h^3\, t\, \sigma_2 + 33600\, C_1\, L^{15}\, b\, h^2\, t$$

$$+ 33600\, C_1\, L^{15}\, b^2\, h\, t - 120960\, C_2\, L^{15}\, b\, h^2\, t - 120960\, C_2\, L^{15}\, b^2\, h\, t + 453600\, C_3\, L^{15}\, b\, h^2\, t$$

$$+ 453600\, C_3\, L^{15}\, b^2\, h\, t + 67200\, C_1\, L^{15}\, b\, h^2\, t\, \sigma_2 + 151200\, C_1\, L^{15}\, b^2\, h\, t\, \sigma_2$$

$$- 268800\, C_2\, L^{15}\, b\, h^2\, t\, \sigma_2 - 604800\, C_2\, L^{15}\, b^2\, h\, t\, \sigma_2 + 1008000\, C_3\, L^{15}\, b\, h^2\, t\, \sigma_2$$

$$+ 2268000\, C_3\, L^{15}\, b^2\, h\, t\, \sigma_2 - 67200\, C_1\, L^{15}\, b\, h^2\, t\, \sigma_1 - 151200\, C_1\, L^{15}\, b^2\, h\, t\, \sigma_1$$

$$+ 268800\, C_2\, L^{15}\, b\, h^2\, t\, \sigma_1 + 604800\, C_2\, L^{15}\, b^2\, h\, t\, \sigma_1 - 1008000\, C_3\, L^{15}\, b\, h^2\, t\, \sigma_1$$

$$- 2268000\, C_3\, L^{15}\, b^2\, h\, t\, \sigma_1$$

$$a_{h,2} = 3780\, C_1\, L^{16}\, h^2\, t - 15120\, C_2\, L^{16}\, h^2\, t + 56700\, C_3\, L^{16}\, h^2\, t - 37800\, C_1\, L^{16}\, b^2\, t\, \sigma_1$$

$$+ 151200\, C_2\, L^{16}\, b^2\, t\, \sigma_1 - 567000\, C_3\, L^{16}\, b^2\, t\, \sigma_1 - 8400\, C_1\, L^{16}\, h^2\, t\, \sigma_1 + 33600\, C_2\, L^{16}\, h^2\, t\, \sigma_1$$

$$- 126000\, C_3\, L^{16}\, h^2\, t\, \sigma_1 + 7560\, C_1\, L^{16}\, b\, h\, t - 30240\, C_2\, L^{16}\, b\, h\, t + 113400\, C_3\, L^{16}\, b\, h\, t$$

$$+ 37800\, C_1\, L^{16}\, b^2\, t\, \sigma_2 - 151200\, C_2\, L^{16}\, b^2\, t\, \sigma_2 + 567000\, C_3\, L^{16}\, b^2\, t\, \sigma_2 + 8400\, C_1\, L^{16}\, h^2\, t\, \sigma_2$$

$$- 33600\,C_2\,L^{16}\,h^2\,t\,\sigma_2 + 126000\,C_3\,L^{16}\,h^2\,t\,\sigma_2 - 37800\,C_1\,L^{16}\,b\,h\,t\,\sigma_1 + 151200\,C_2\,L^{16}\,b\,h\,t\,\sigma_1$$
$$- 567000\,C_3\,L^{16}\,b\,h\,t\,\sigma_1 + 37800\,C_1\,L^{16}\,b\,h\,t\,\sigma_2 - 151200\,C_2\,L^{16}\,b\,h\,t\,\sigma_2 + 567000\,C_3\,L^{16}\,b\,h\,t\,\sigma_2$$

$$a_{h,1} = 840\,C_1\,L^{17}\,h\,t - 3360\,C_2\,L^{17}\,h\,t + 12600\,C_3\,L^{17}\,h\,t + 8400\,C_1\,L^{17}\,b\,t\,\sigma_2 - 33600\,C_2\,L^{17}\,b\,t\,\sigma_2$$
$$+ 126000\,C_3\,L^{17}\,b\,t\,\sigma_2 + 4200\,C_1\,L^{17}\,h\,t\,\sigma_2 - 16800\,C_2\,L^{17}\,h\,t\,\sigma_2 + 63000\,C_3\,L^{17}\,h\,t\,\sigma_2$$
$$- 8400\,C_1\,L^{17}\,b\,t\,\sigma_1 + 33600\,C_2\,L^{17}\,b\,t\,\sigma_1 - 126000\,C_3\,L^{17}\,b\,t\,\sigma_1 - 4200\,C_1\,L^{17}\,h\,t\,\sigma_1$$
$$+ 16800\,C_2\,L^{17}\,h\,t\,\sigma_1 - 63000\,C_3\,L^{17}\,h\,t\,\sigma_1$$

$$a_{h,0} = 840\,C_1\,L^{18}\,t\,\sigma_2 - 3360\,C_2\,L^{18}\,t\,\sigma_2 + 12600\,C_3\,L^{18}\,t\,\sigma_2 - 840\,C_1\,L^{18}\,t\,\sigma_1 + 3360\,C_2\,L^{18}\,t\,\sigma_1$$
$$- 12600\,C_3\,L^{18}\,t\,\sigma_1$$

$$b_{h,12} = 210\,L^6\,b^{10} + 1050\,L^6\,b^9\,h + 2100\,L^6\,b^8\,h^2 + 2100\,L^6\,b^7\,h^3 + 1050\,L^6\,b^6\,h^4 + 210\,L^6\,b^5\,h^5$$

$$b_{h,11} = 2100\,L^7\,b^9 + 9450\,L^7\,b^8\,h + 16800\,L^7\,b^7\,h^2 + 14700\,L^7\,b^6\,h^3 + 6300\,L^7\,b^5\,h^4 + 1050\,L^7\,b^4\,h^5$$

$$b_{h,10} = 9450\,L^8\,b^8 + 37800\,L^8\,b^7\,h + 58800\,L^8\,b^6\,h^2 + 44100\,L^8\,b^5\,h^3 + 15750\,L^8\,b^4\,h^4 + 2100\,L^8\,b^3\,h^5$$

$$b_{h,9} = 25200\,L^9\,b^7 + 88200\,L^9\,b^6\,h + 117600\,L^9\,b^5\,h^2 + 73500\,L^9\,b^4\,h^3 + 21000\,L^9\,b^3\,h^4$$
$$+ 2100\,L^9\,b^2\,h^5$$

$$b_{h,8} = 44100\,L^{10}\,b^6 + 132300\,L^{10}\,b^5\,h + 147000\,L^{10}\,b^4\,h^2 + 73500\,L^{10}\,b^3\,h^3 + 15750\,L^{10}\,b^2\,h^4$$
$$+ 1050\,L^{10}\,b\,h^5$$

$$b_{h,7} = 52920\,L^{11}\,b^5 + 132300\,L^{11}\,b^4\,h + 117600\,L^{11}\,b^3\,h^2 + 44100\,L^{11}\,b^2\,h^3 + 6300\,L^{11}\,b\,h^4$$
$$+ 210\,L^{11}\,h^5$$

$$b_{h,6} = 44100\,L^{12}\,b^4 + 88200\,L^{12}\,b^3\,h + 58800\,L^{12}\,b^2\,h^2 + 14700\,L^{12}\,b\,h^3 + 1050\,L^{12}\,h^4$$

$$b_{h,5} = 25200\,L^{13}\,b^3 + 37800\,L^{13}\,b^2\,h + 16800\,L^{13}\,b\,h^2 + 2100\,L^{13}\,h^3$$

$$b_{h,4} = 9450\,L^{14}\,b^2 + 9450\,L^{14}\,b\,h + 2100\,L^{14}\,h^2$$

$$b_{h,3} = 2100\,L^{15}\,b + 1050\,L^{15}\,h$$

$$b_{h,2} = 210\,L^{16}$$

where
$$\sigma_1 = \log(L + b\,q + h\,q) \qquad \sigma_2 = \log(L + b\,q)$$

$$a_{t,13} = 2016\,C_3\,L\,\pi\,b^{14}\,r_0\,t + 1008\,C_3\,L\,\pi\,b^{14}\,t^2 + 28224\,C_3\,L\,\pi\,b^{13}\,h\,r_0\,t + 14112\,C_3\,L\,\pi\,b^{13}\,h\,t^2 +$$
$$3312\,C_3\,L\,\pi^2\,b^{13}\,r_0{}^2\,t + 3312\,C_3\,L\,\pi^2\,b^{13}\,r_0\,t^2 + 1104\,C_3\,L\,\pi^2\,b^{13}\,t^3 + 183456\,C_3\,L\,\pi\,b^{12}\,h^2\,r_0\,t +$$
$$91728\,C_3\,L\,\pi\,b^{12}\,h^2\,t^2 + 43056\,C_3\,L\,\pi^2\,b^{12}\,h\,r_0{}^2\,t + 43056\,C_3\,L\,\pi^2\,b^{12}\,h\,r_0\,t^2 + 14352\,C_3\,L\,\pi^2\,b^{12}\,h\,t^3 +$$
$$3096\,C_3\,L\,\pi^3\,b^{12}\,r_0{}^3\,t + 4644\,C_3\,L\,\pi^3\,b^{12}\,r_0{}^2\,t^2 + 3096\,C_3\,L\,\pi^3\,b^{12}\,r_0\,t^3 + 774\,C_3\,L\,\pi^3\,b^{12}\,t^4 +$$
$$733824\,C_3\,L\,\pi\,b^{11}\,h^3\,r_0\,t + 366912\,C_3\,L\,\pi\,b^{11}\,h^3\,t^2 + 258336\,C_3\,L\,\pi^2\,b^{11}\,h^2\,r_0{}^2\,t +$$
$$258336\,C_3\,L\,\pi^2\,b^{11}\,h^2\,r_0\,t^2 + 86112\,C_3\,L\,\pi^2\,b^{11}\,h^2\,t^3 + 37152\,C_3\,L\,\pi^3\,b^{11}\,h\,r_0{}^3\,t +$$
$$55728\,C_3\,L\,\pi^3\,b^{11}\,h\,r_0{}^2\,t^2 + 37152\,C_3\,L\,\pi^3\,b^{11}\,h\,r_0\,t^3 + 9288\,C_3\,L\,\pi^3\,b^{11}\,h\,t^4 + 2018016\,C_3\,L\,\pi\,b^{10}\,h^4\,r_0\,t +$$
$$1009008\,C_3\,L\,\pi\,b^{10}\,h^4\,t^2 + 947232\,C_3\,L\,\pi^2\,b^{10}\,h^3\,r_0{}^2\,t + 947232\,C_3\,L\,\pi^2\,b^{10}\,h^3\,r_0\,t^2 +$$
$$315744\,C_3\,L\,\pi^2\,b^{10}\,h^3\,t^3 + 204336\,C_3\,L\,\pi^3\,b^{10}\,h^2\,r_0{}^3\,t + 306504\,C_3\,L\,\pi^3\,b^{10}\,h^2\,r_0{}^2\,t^2 +$$
$$204336\,C_3\,L\,\pi^3\,b^{10}\,h^2\,r_0\,t^3 + 51084\,C_3\,L\,\pi^3\,b^{10}\,h^2\,t^4 + 4036032\,C_3\,L\,\pi\,b^9\,h^5\,r_0\,t +$$

$2018016\,C_3\,L\,\pi\,b^9\,h^5\,t^2 + 2368080\,C_3\,L\,\pi^2\,b^9\,h^4\,r_0{}^2\,t + 2368080\,C_3\,L\,\pi^2\,b^9\,h^4\,r_0\,t^2 +$
$789360\,C_3\,L\,\pi^2\,b^9\,h^4\,t^3 + 681120\,C_3\,L\,\pi^3\,b^9\,h^3\,r_0{}^3\,t + 1021680\,C_3\,L\,\pi^3\,b^9\,h^3\,r_0{}^2\,t^2 +$
$681120\,C_3\,L\,\pi^3\,b^9\,h^3\,r_0\,t^3 + 170280\,C_3\,L\,\pi^3\,b^9\,h^3\,t^4 + 6054048\,C_3\,L\,\pi\,b^8\,h^6\,r_0\,t +$
$3027024\,C_3\,L\,\pi\,b^8\,h^6\,t^2 + 4262544\,C_3\,L\,\pi^2\,b^8\,h^5\,r_0{}^2\,t + 4262544\,C_3\,L\,\pi^2\,b^8\,h^5\,r_0\,t^2 +$
$1420848\,C_3\,L\,\pi^2\,b^8\,h^5\,t^3 + 1532520\,C_3\,L\,\pi^3\,b^8\,h^4\,r_0{}^3\,t + 2298780\,C_3\,L\,\pi^3\,b^8\,h^4\,r_0{}^2\,t^2 +$
$1532520\,C_3\,L\,\pi^3\,b^8\,h^4\,r_0\,t^3 + 383130\,C_3\,L\,\pi^3\,b^8\,h^4\,t^4 + 6918912\,C_3\,L\,\pi\,b^7\,h^7\,r_0\,t +$
$3459456\,C_3\,L\,\pi\,b^7\,h^7\,t^2 + 5683392\,C_3\,L\,\pi^2\,b^7\,h^6\,r_0{}^2\,t + 5683392\,C_3\,L\,\pi^2\,b^7\,h^6\,r_0\,t^2 +$
$1894464\,C_3\,L\,\pi^2\,b^7\,h^6\,t^3 + 2452032\,C_3\,L\,\pi^3\,b^7\,h^5\,r_0{}^3\,t + 3678048\,C_3\,L\,\pi^3\,b^7\,h^5\,r_0{}^2\,t^2 +$
$2452032\,C_3\,L\,\pi^3\,b^7\,h^5\,r_0\,t^3 + 613008\,C_3\,L\,\pi^3\,b^7\,h^5\,t^4 + 6054048\,C_3\,L\,\pi\,b^6\,h^8\,r_0\,t +$
$3027024\,C_3\,L\,\pi\,b^6\,h^8\,t^2 + 5683392\,C_3\,L\,\pi^2\,b^6\,h^7\,r_0{}^2\,t + 5683392\,C_3\,L\,\pi^2\,b^6\,h^7\,r_0\,t^2 +$
$1894464\,C_3\,L\,\pi^2\,b^6\,h^7\,t^3 + 2860704\,C_3\,L\,\pi^3\,b^6\,h^6\,r_0{}^3\,t + 4291056\,C_3\,L\,\pi^3\,b^6\,h^6\,r_0{}^2\,t^2 +$
$2860704\,C_3\,L\,\pi^3\,b^6\,h^6\,r_0\,t^3 + 715176\,C_3\,L\,\pi^3\,b^6\,h^6\,t^4 + 4036032\,C_3\,L\,\pi\,b^5\,h^9\,r_0\,t +$
$2018016\,C_3\,L\,\pi\,b^5\,h^9\,t^2 + 4262544\,C_3\,L\,\pi^2\,b^5\,h^8\,r_0{}^2\,t + 4262544\,C_3\,L\,\pi^2\,b^5\,h^8\,r_0\,t^2 +$
$1420848\,C_3\,L\,\pi^2\,b^5\,h^8\,t^3 + 2452032\,C_3\,L\,\pi^3\,b^5\,h^7\,r_0{}^3\,t + 3678048\,C_3\,L\,\pi^3\,b^5\,h^7\,r_0{}^2\,t^2 +$
$2452032\,C_3\,L\,\pi^3\,b^5\,h^7\,r_0\,t^3 + 613008\,C_3\,L\,\pi^3\,b^5\,h^7\,t^4 + 2018016\,C_3\,L\,\pi\,b^4\,h^{10}\,r_0\,t +$
$1009008\,C_3\,L\,\pi\,b^4\,h^{10}\,t^2 + 2368080\,C_3\,L\,\pi^2\,b^4\,h^9\,r_0{}^2\,t + 2368080\,C_3\,L\,\pi^2\,b^4\,h^9\,r_0\,t^2 +$
$789360\,C_3\,L\,\pi^2\,b^4\,h^9\,t^3 + 1532520\,C_3\,L\,\pi^3\,b^4\,h^8\,r_0{}^3\,t + 2298780\,C_3\,L\,\pi^3\,b^4\,h^8\,r_0{}^2\,t^2 +$
$1532520\,C_3\,L\,\pi^3\,b^4\,h^8\,r_0\,t^3 + 383130\,C_3\,L\,\pi^3\,b^4\,h^8\,t^4 + 733824\,C_3\,L\,\pi\,b^3\,h^{11}\,r_0\,t +$
$366912\,C_3\,L\,\pi\,b^3\,h^{11}\,t^2 + 947232\,C_3\,L\,\pi^2\,b^3\,h^{10}\,r_0{}^2\,t + 947232\,C_3\,L\,\pi^2\,b^3\,h^{10}\,r_0\,t^2 +$
$315744\,C_3\,L\,\pi^2\,b^3\,h^{10}\,t^3 + 681120\,C_3\,L\,\pi^3\,b^3\,h^9\,r_0{}^3\,t + 1021680\,C_3\,L\,\pi^3\,b^3\,h^9\,r_0{}^2\,t^2 +$
$681120\,C_3\,L\,\pi^3\,b^3\,h^9\,r_0\,t^3 + 170280\,C_3\,L\,\pi^3\,b^3\,h^9\,t^4 + 183456\,C_3\,L\,\pi\,b^2\,h^{12}\,r_0\,t +$
$91728\,C_3\,L\,\pi\,b^2\,h^{12}\,t^2 + 258336\,C_3\,L\,\pi^2\,b^2\,h^{11}\,r_0{}^2\,t + 258336\,C_3\,L\,\pi^2\,b^2\,h^{11}\,r_0\,t^2 +$
$86112\,C_3\,L\,\pi^2\,b^2\,h^{11}\,t^3 + 204336\,C_3\,L\,\pi^3\,b^2\,h^{10}\,r_0{}^3\,t + 306504\,C_3\,L\,\pi^3\,b^2\,h^{10}\,r_0{}^2\,t^2 +$
$204336\,C_3\,L\,\pi^3\,b^2\,h^{10}\,r_0\,t^3 + 51084\,C_3\,L\,\pi^3\,b^2\,h^{10}\,t^4 + 28224\,C_3\,L\,\pi\,b\,h^{13}\,r_0\,t + 14112\,C_3\,L\,\pi\,b\,h^{13}\,t^2 +$
$43056\,C_3\,L\,\pi^2\,b\,h^{12}\,r_0{}^2\,t + 43056\,C_3\,L\,\pi^2\,b\,h^{12}\,r_0\,t^2 + 14352\,C_3\,L\,\pi^2\,b\,h^{12}\,t^3 + 37152\,C_3\,L\,\pi^3\,b\,h^{11}\,r_0{}^3\,t +$
$55728\,C_3\,L\,\pi^3\,b\,h^{11}\,r_0{}^2\,t^2 + 37152\,C_3\,L\,\pi^3\,b\,h^{11}\,r_0\,t^3 + 9288\,C_3\,L\,\pi^3\,b\,h^{11}\,t^4 + 2016\,C_3\,L\,\pi\,h^{14}\,r_0\,t +$
$1008\,C_3\,L\,\pi\,h^{14}\,t^2 + 3312\,C_3\,L\,\pi^2\,h^{13}\,r_0{}^2\,t + 3312\,C_3\,L\,\pi^2\,h^{13}\,r_0\,t^2 + 1104\,C_3\,L\,\pi^2\,h^{13}\,t^3 +$
$3096\,C_3\,L\,\pi^3\,h^{12}\,r_0{}^3\,t + 4644\,C_3\,L\,\pi^3\,h^{12}\,r_0{}^2\,t^2 + 3096\,C_3\,L\,\pi^3\,h^{12}\,r_0\,t^3 + 774\,C_3\,L\,\pi^3\,h^{12}\,t^4$

$\mathrm{a}_{t,12} = 48\,\pi\,C_2\,L^2\,b^{13}\,t^2 + 6264\,\pi\,C_3\,L^2\,b^{13}\,t^2 + 48\,\pi\,C_2\,L^2\,h^{13}\,t^2 + 6264\,\pi\,C_3\,L^2\,h^{13}\,t^2 +$
$40\,C_2\,L^2\,b^{12}\,t^3\,\pi^2 + 20\,C_2\,L^2\,b^{11}\,t^4\,\pi^3 + 6468\,C_3\,L^2\,b^{12}\,t^3\,\pi^2 + 4254\,C_3\,L^2\,b^{11}\,t^4\,\pi^3 +$
$40\,C_2\,L^2\,h^{12}\,t^3\,\pi^2 + 20\,C_2\,L^2\,h^{11}\,t^4\,\pi^3 + 6468\,C_3\,L^2\,h^{12}\,t^3\,\pi^2 + 4254\,C_3\,L^2\,h^{11}\,t^4\,\pi^3 +$
$120\,C_2\,L^2\,b^{12}\,r_0\,t^2\,\pi^2 + 120\,C_2\,L^2\,b^{12}\,r_0{}^2\,t\,\pi^2 + 80\,C_2\,L^2\,b^{11}\,r_0\,t^3\,\pi^3 + 80\,C_2\,L^2\,b^{11}\,r_0{}^3\,t\,\pi^3 +$
$19404\,C_3\,L^2\,b^{12}\,r_0\,t^2\,\pi^2 + 19404\,C_3\,L^2\,b^{12}\,r_0{}^2\,t\,\pi^2 + 17016\,C_3\,L^2\,b^{11}\,r_0\,t^3\,\pi^3 + 17016\,C_3\,L^2\,b^{11}\,r_0{}^3\,t\,\pi^3 +$
$120\,C_2\,L^2\,h^{12}\,r_0\,t^2\,\pi^2 + 120\,C_2\,L^2\,h^{12}\,r_0{}^2\,t\,\pi^2 + 80\,C_2\,L^2\,h^{11}\,r_0\,t^3\,\pi^3 + 80\,C_2\,L^2\,h^{11}\,r_0{}^3\,t\,\pi^3 +$
$19404\,C_3\,L^2\,h^{12}\,r_0\,t^2\,\pi^2 + 19404\,C_3\,L^2\,h^{12}\,r_0{}^2\,t\,\pi^2 + 17016\,C_3\,L^2\,h^{11}\,r_0\,t^3\,\pi^3 + 17016\,C_3\,L^2\,h^{11}\,r_0{}^3\,t\,\pi^3 +$
$96\,\pi\,C_2\,L^2\,b^{13}\,r_0\,t + 12528\,\pi\,C_3\,L^2\,b^{13}\,r_0\,t + 96\,\pi\,C_2\,L^2\,h^{13}\,r_0\,t + 12528\,\pi\,C_3\,L^2\,h^{13}\,r_0\,t +$
$2640\,C_2\,L^2\,b^2\,h^{10}\,t^3\,\pi^2 + 8800\,C_2\,L^2\,b^3\,h^9\,t^3\,\pi^2 + 19800\,C_2\,L^2\,b^4\,h^8\,t^3\,\pi^2 + 31680\,C_2\,L^2\,b^5\,h^7\,t^3\,\pi^2 +$
$36960\,C_2\,L^2\,b^6\,h^6\,t^3\,\pi^2 + 31680\,C_2\,L^2\,b^7\,h^5\,t^3\,\pi^2 + 19800\,C_2\,L^2\,b^8\,h^4\,t^3\,\pi^2 + 8800\,C_2\,L^2\,b^9\,h^3\,t^3\,\pi^2 +$
$2640\,C_2\,L^2\,b^{10}\,h^2\,t^3\,\pi^2 + 1100\,C_2\,L^2\,b^2\,h^9\,t^4\,\pi^3 + 3300\,C_2\,L^2\,b^3\,h^8\,t^4\,\pi^3 + 6600\,C_2\,L^2\,b^4\,h^7\,t^4\,\pi^3 +$
$9240\,C_2\,L^2\,b^5\,h^6\,t^4\,\pi^3 + 9240\,C_2\,L^2\,b^6\,h^5\,t^4\,\pi^3 + 6600\,C_2\,L^2\,b^7\,h^4\,t^4\,\pi^3 + 3300\,C_2\,L^2\,b^8\,h^3\,t^4\,\pi^3 +$
$1100\,C_2\,L^2\,b^9\,h^2\,t^4\,\pi^3 + 426888\,C_3\,L^2\,b^2\,h^{10}\,t^3\,\pi^2 + 1422960\,C_3\,L^2\,b^3\,h^9\,t^3\,\pi^2 + 3201660\,C_3\,L^2\,b^4\,h^8\,t^3\,\pi^2 +$
$5122656\,C_3\,L^2\,b^5\,h^7\,t^3\,\pi^2 + 5976432\,C_3\,L^2\,b^6\,h^6\,t^3\,\pi^2 + 5122656\,C_3\,L^2\,b^7\,h^5\,t^3\,\pi^2 +$
$3201660\,C_3\,L^2\,b^8\,h^4\,t^3\,\pi^2 + 1422960\,C_3\,L^2\,b^9\,h^3\,t^3\,\pi^2 + 426888\,C_3\,L^2\,b^{10}\,h^2\,t^3\,\pi^2 +$
$233970\,C_3\,L^2\,b^2\,h^9\,t^4\,\pi^3 + 701910\,C_3\,L^2\,b^3\,h^8\,t^4\,\pi^3 + 1403820\,C_3\,L^2\,b^4\,h^7\,t^4\,\pi^3 +$
$1965348\,C_3\,L^2\,b^5\,h^6\,t^4\,\pi^3 + 1965348\,C_3\,L^2\,b^6\,h^5\,t^4\,\pi^3 + 1403820\,C_3\,L^2\,b^7\,h^4\,t^4\,\pi^3 +$

$701910\,C_3\,L^2\,b^8\,h^3\,t^4\,\pi^3 + 233970\,C_3\,L^2\,b^9\,h^2\,t^4\,\pi^3 + 120\,C_2\,L^2\,b^{11}\,r_0{}^2\,t^2\,\pi^3 + 25524\,C_3\,L^2\,b^{11}\,r_0{}^2\,t^2\,\pi^3 +$

$120\,C_2\,L^2\,h^{11}\,r_0{}^2\,t^2\,\pi^3 + 25524\,C_3\,L^2\,h^{11}\,r_0{}^2\,t^2\,\pi^3 + 624\,\pi\,C_2\,L^2\,b\,h^{12}\,t^2 + 624\,\pi\,C_2\,L^2\,b^{12}\,h\,t^2 +$

$81432\,\pi\,C_3\,L^2\,b\,h^{12}\,t^2 + 81432\,\pi\,C_3\,L^2\,b^{12}\,h\,t^2 + 3744\,\pi\,C_2\,L^2\,b^2\,h^{11}\,t^2 + 13728\,\pi\,C_2\,L^2\,b^3\,h^{10}\,t^2 +$

$34320\,\pi\,C_2\,L^2\,b^4\,h^9\,t^2 + 61776\,\pi\,C_2\,L^2\,b^5\,h^8\,t^2 + 82368\,\pi\,C_2\,L^2\,b^6\,h^7\,t^2 + 82368\,\pi\,C_2\,L^2\,b^7\,h^6\,t^2 +$

$61776\,\pi\,C_2\,L^2\,b^8\,h^5\,t^2 + 34320\,\pi\,C_2\,L^2\,b^9\,h^4\,t^2 + 13728\,\pi\,C_2\,L^2\,b^{10}\,h^3\,t^2 + 3744\,\pi\,C_2\,L^2\,b^{11}\,h^2\,t^2 +$

$480\,C_2\,L^2\,b\,h^{11}\,t^3\,\pi^2 + 480\,C_2\,L^2\,b^{11}\,h\,t^3\,\pi^2 + 488592\,\pi\,C_3\,L^2\,b^2\,h^{11}\,t^2 + 1791504\,\pi\,C_3\,L^2\,b^3\,h^{10}\,t^2 +$

$4478760\,\pi\,C_3\,L^2\,b^4\,h^9\,t^2 + 8061768\,\pi\,C_3\,L^2\,b^5\,h^8\,t^2 + 10749024\,\pi\,C_3\,L^2\,b^6\,h^7\,t^2 +$

$10749024\,\pi\,C_3\,L^2\,b^7\,h^6\,t^2 + 8061768\,\pi\,C_3\,L^2\,b^8\,h^5\,t^2 + 4478760\,\pi\,C_3\,L^2\,b^9\,h^4\,t^2 +$

$1791504\,\pi\,C_3\,L^2\,b^{10}\,h^3\,t^2 + 488592\,\pi\,C_3\,L^2\,b^{11}\,h^2\,t^2 + 220\,C_2\,L^2\,b\,h^{10}\,t^4\,\pi^3 + 220\,C_2\,L^2\,b^{10}\,h\,t^4\,\pi^3 +$

$77616\,C_3\,L^2\,b\,h^{11}\,t^3\,\pi^2 + 77616\,C_3\,L^2\,b^{11}\,h\,t^3\,\pi^2 + 46794\,C_3\,L^2\,b\,h^{10}\,t^4\,\pi^3 + 46794\,C_3\,L^2\,b^{10}\,h\,t^4\,\pi^3 +$

$7488\,\pi\,C_2\,L^2\,b^2\,h^{11}\,r_0\,t + 27456\,\pi\,C_2\,L^2\,b^3\,h^{10}\,r_0\,t + 68640\,\pi\,C_2\,L^2\,b^4\,h^9\,r_0\,t + 123552\,\pi\,C_2\,L^2\,b^5\,h^8\,r_0\,t +$

$164736\,\pi\,C_2\,L^2\,b^6\,h^7\,r_0\,t + 164736\,\pi\,C_2\,L^2\,b^7\,h^6\,r_0\,t + 123552\,\pi\,C_2\,L^2\,b^8\,h^5\,r_0\,t +$

$68640\,\pi\,C_2\,L^2\,b^9\,h^4\,r_0\,t + 27456\,\pi\,C_2\,L^2\,b^{10}\,h^3\,r_0\,t + 7488\,\pi\,C_2\,L^2\,b^{11}\,h^2\,r_0\,t + 977184\,\pi\,C_3\,L^2\,b^2\,h^{11}\,r_0\,t +$

$3583008\,\pi\,C_3\,L^2\,b^3\,h^{10}\,r_0\,t + 8957520\,\pi\,C_3\,L^2\,b^4\,h^9\,r_0\,t + 16123536\,\pi\,C_3\,L^2\,b^5\,h^8\,r_0\,t +$

$21498048\,\pi\,C_3\,L^2\,b^6\,h^7\,r_0\,t + 21498048\,\pi\,C_3\,L^2\,b^7\,h^6\,r_0\,t + 16123536\,\pi\,C_3\,L^2\,b^8\,h^5\,r_0\,t +$

$8957520\,\pi\,C_3\,L^2\,b^9\,h^4\,r_0\,t + 3583008\,\pi\,C_3\,L^2\,b^{10}\,h^3\,r_0\,t + 977184\,\pi\,C_3\,L^2\,b^{11}\,h^2\,r_0\,t +$

$6600\,C_2\,L^2\,b^2\,h^9\,r_0{}^2\,t^2\,\pi^3 + 19800\,C_2\,L^2\,b^3\,h^8\,r_0{}^2\,t^2\,\pi^3 + 39600\,C_2\,L^2\,b^4\,h^7\,r_0{}^2\,t^2\,\pi^3 +$

$55440\,C_2\,L^2\,b^5\,h^6\,r_0{}^2\,t^2\,\pi^3 + 55440\,C_2\,L^2\,b^6\,h^5\,r_0{}^2\,t^2\,\pi^3 + 39600\,C_2\,L^2\,b^7\,h^4\,r_0{}^2\,t^2\,\pi^3 +$

$19800\,C_2\,L^2\,b^8\,h^3\,r_0{}^2\,t^2\,\pi^3 + 6600\,C_2\,L^2\,b^9\,h^2\,r_0{}^2\,t^2\,\pi^3 + 1403820\,C_3\,L^2\,b^2\,h^9\,r_0{}^2\,t^2\,\pi^3 +$

$4211460\,C_3\,L^2\,b^3\,h^8\,r_0{}^2\,t^2\,\pi^3 + 8422920\,C_3\,L^2\,b^4\,h^7\,r_0{}^2\,t^2\,\pi^3 + 11792088\,C_3\,L^2\,b^5\,h^6\,r_0{}^2\,t^2\,\pi^3 +$

$11792088\,C_3\,L^2\,b^6\,h^5\,r_0{}^2\,t^2\,\pi^3 + 8422920\,C_3\,L^2\,b^7\,h^4\,r_0{}^2\,t^2\,\pi^3 + 4211460\,C_3\,L^2\,b^8\,h^3\,r_0{}^2\,t^2\,\pi^3 +$

$1403820\,C_3\,L^2\,b^9\,h^2\,r_0{}^2\,t^2\,\pi^3 + 1440\,C_2\,L^2\,b\,h^{11}\,r_0\,t^2\,\pi^2 + 1440\,C_2\,L^2\,b\,h^{11}\,r_0{}^2\,t\,\pi^2 +$

$1440\,C_2\,L^2\,b^{11}\,h\,r_0\,t^2\,\pi^2 + 1440\,C_2\,L^2\,b^{11}\,h\,r_0{}^2\,t\,\pi^2 + 880\,C_2\,L^2\,b\,h^{10}\,r_0\,t^3\,\pi^3 + 880\,C_2\,L^2\,b\,h^{10}\,r_0{}^3\,t\,\pi^3 +$

$880\,C_2\,L^2\,b^{10}\,h\,r_0\,t^3\,\pi^3 + 880\,C_2\,L^2\,b^{10}\,h\,r_0{}^3\,t\,\pi^3 + 232848\,C_3\,L^2\,b\,h^{11}\,r_0\,t^2\,\pi^2 + 232848\,C_3\,L^2\,b\,h^{11}\,r_0{}^2\,t\,\pi^2 +$

$232848\,C_3\,L^2\,b^{11}\,h\,r_0\,t^2\,\pi^2 + 232848\,C_3\,L^2\,b^{11}\,h\,r_0{}^2\,t\,\pi^2 + 187176\,C_3\,L^2\,b\,h^{10}\,r_0\,t^3\,\pi^3 +$

$187176\,C_3\,L^2\,b\,h^{10}\,r_0{}^3\,t\,\pi^3 + 187176\,C_3\,L^2\,b^{10}\,h\,r_0\,t^3\,\pi^3 + 187176\,C_3\,L^2\,b^{10}\,h\,r_0{}^3\,t\,\pi^3 +$

$1248\,\pi\,C_2\,L^2\,b\,h^{12}\,r_0\,t + 1248\,\pi\,C_2\,L^2\,b^{12}\,h\,r_0\,t + 162864\,\pi\,C_3\,L^2\,b\,h^{12}\,r_0\,t + 162864\,\pi\,C_3\,L^2\,b^{12}\,h\,r_0\,t +$

$7920\,C_2\,L^2\,b^2\,h^{10}\,r_0\,t^2\,\pi^2 + 7920\,C_2\,L^2\,b^2\,h^{10}\,r_0{}^2\,t\,\pi^2 + 26400\,C_2\,L^2\,b^3\,h^9\,r_0\,t^2\,\pi^2 +$

$26400\,C_2\,L^2\,b^3\,h^9\,r_0{}^2\,t\,\pi^2 + 59400\,C_2\,L^2\,b^4\,h^8\,r_0\,t^2\,\pi^2 + 59400\,C_2\,L^2\,b^4\,h^8\,r_0{}^2\,t\,\pi^2 +$

$95040\,C_2\,L^2\,b^5\,h^7\,r_0\,t^2\,\pi^2 + 95040\,C_2\,L^2\,b^5\,h^7\,r_0{}^2\,t\,\pi^2 + 110880\,C_2\,L^2\,b^6\,h^6\,r_0\,t^2\,\pi^2 +$

$110880\,C_2\,L^2\,b^6\,h^6\,r_0{}^2\,t\,\pi^2 + 95040\,C_2\,L^2\,b^7\,h^5\,r_0\,t^2\,\pi^2 + 95040\,C_2\,L^2\,b^7\,h^5\,r_0{}^2\,t\,\pi^2 +$

$59400\,C_2\,L^2\,b^8\,h^4\,r_0\,t^2\,\pi^2 + 59400\,C_2\,L^2\,b^8\,h^4\,r_0{}^2\,t\,\pi^2 + 26400\,C_2\,L^2\,b^9\,h^3\,r_0\,t^2\,\pi^2 +$

$26400\,C_2\,L^2\,b^9\,h^3\,r_0{}^2\,t\,\pi^2 + 7920\,C_2\,L^2\,b^{10}\,h^2\,r_0\,t^2\,\pi^2 + 7920\,C_2\,L^2\,b^{10}\,h^2\,r_0{}^2\,t\,\pi^2 +$

$1320\,C_2\,L^2\,b\,h^{10}\,r_0{}^2\,t^2\,\pi^3 + 4400\,C_2\,L^2\,b^2\,h^9\,r_0\,t^3\,\pi^3 + 4400\,C_2\,L^2\,b^2\,h^9\,r_0{}^3\,t\,\pi^3 +$

$13200\,C_2\,L^2\,b^3\,h^8\,r_0\,t^3\,\pi^3 + 13200\,C_2\,L^2\,b^3\,h^8\,r_0{}^3\,t\,\pi^3 + 26400\,C_2\,L^2\,b^4\,h^7\,r_0\,t^3\,\pi^3 +$

$26400\,C_2\,L^2\,b^4\,h^7\,r_0{}^3\,t\,\pi^3 + 36960\,C_2\,L^2\,b^5\,h^6\,r_0\,t^3\,\pi^3 + 36960\,C_2\,L^2\,b^5\,h^6\,r_0{}^3\,t\,\pi^3 +$

$36960\,C_2\,L^2\,b^6\,h^5\,r_0\,t^3\,\pi^3 + 36960\,C_2\,L^2\,b^6\,h^5\,r_0{}^3\,t\,\pi^3 + 26400\,C_2\,L^2\,b^7\,h^4\,r_0\,t^3\,\pi^3 +$

$26400\,C_2\,L^2\,b^7\,h^4\,r_0{}^3\,t\,\pi^3 + 13200\,C_2\,L^2\,b^8\,h^3\,r_0\,t^3\,\pi^3 + 13200\,C_2\,L^2\,b^8\,h^3\,r_0{}^3\,t\,\pi^3 +$

$4400\,C_2\,L^2\,b^9\,h^2\,r_0\,t^3\,\pi^3 + 4400\,C_2\,L^2\,b^9\,h^2\,r_0{}^3\,t\,\pi^3 + 1320\,C_2\,L^2\,b^{10}\,h\,r_0{}^2\,t^2\,\pi^3 +$

$1280664\,C_3\,L^2\,b^2\,h^{10}\,r_0\,t^2\,\pi^2 + 1280664\,C_3\,L^2\,b^2\,h^{10}\,r_0{}^2\,t\,\pi^2 + 4268880\,C_3\,L^2\,b^3\,h^9\,r_0\,t^2\,\pi^2 +$

$4268880\,C_3\,L^2\,b^3\,h^9\,r_0{}^2\,t\,\pi^2 + 9604980\,C_3\,L^2\,b^4\,h^8\,r_0\,t^2\,\pi^2 + 9604980\,C_3\,L^2\,b^4\,h^8\,r_0{}^2\,t\,\pi^2 +$

$15367968\,C_3\,L^2\,b^5\,h^7\,r_0\,t^2\,\pi^2 + 15367968\,C_3\,L^2\,b^5\,h^7\,r_0{}^2\,t\,\pi^2 + 17929296\,C_3\,L^2\,b^6\,h^6\,r_0\,t^2\,\pi^2 +$

$17929296\,C_3\,L^2\,b^6\,h^6\,r_0{}^2\,t\,\pi^2 + 15367968\,C_3\,L^2\,b^7\,h^5\,r_0\,t^2\,\pi^2 + 15367968\,C_3\,L^2\,b^7\,h^5\,r_0{}^2\,t\,\pi^2 +$

$9604980\,C_3\,L^2\,b^8\,h^4\,r_0\,t^2\,\pi^2 + 9604980\,C_3\,L^2\,b^8\,h^4\,r_0{}^2\,t\,\pi^2 + 4268880\,C_3\,L^2\,b^9\,h^3\,r_0\,t^2\,\pi^2 +$

$4268880\,C_3\,L^2\,b^9\,h^3\,r_0{}^2\,t\,\pi^2 + 1280664\,C_3\,L^2\,b^{10}\,h^2\,r_0\,t^2\,\pi^2 + 1280664\,C_3\,L^2\,b^{10}\,h^2\,r_0{}^2\,t\,\pi^2 +$

$280764\,C_3\,L^2\,b\,h^{10}\,r_0{}^2\,t^2\,\pi^3 + 935880\,C_3\,L^2\,b^2\,h^9\,r_0\,t^3\,\pi^3 + 935880\,C_3\,L^2\,b^2\,h^9\,r_0{}^3\,t\,\pi^3 +$

$2807640\,C_3\,L^2\,b^3\,h^8\,r_0\,t^3\,\pi^3 + 2807640\,C_3\,L^2\,b^3\,h^8\,r_0{}^3\,t\,\pi^3 + 5615280\,C_3\,L^2\,b^4\,h^7\,r_0\,t^3\,\pi^3 +$
$5615280\,C_3\,L^2\,b^4\,h^7\,r_0{}^3\,t\,\pi^3 + 7861392\,C_3\,L^2\,b^5\,h^6\,r_0\,t^3\,\pi^3 + 7861392\,C_3\,L^2\,b^5\,h^6\,r_0{}^3\,t\,\pi^3 +$
$7861392\,C_3\,L^2\,b^6\,h^5\,r_0\,t^3\,\pi^3 + 7861392\,C_3\,L^2\,b^6\,h^5\,r_0{}^3\,t\,\pi^3 + 5615280\,C_3\,L^2\,b^7\,h^4\,r_0\,t^3\,\pi^3 +$
$5615280\,C_3\,L^2\,b^7\,h^4\,r_0{}^3\,t\,\pi^3 + 2807640\,C_3\,L^2\,b^8\,h^3\,r_0\,t^3\,\pi^3 + 2807640\,C_3\,L^2\,b^8\,h^3\,r_0{}^3\,t\,\pi^3 +$
$935880\,C_3\,L^2\,b^9\,h^2\,r_0\,t^3\,\pi^3 + 935880\,C_3\,L^2\,b^9\,h^2\,r_0{}^3\,t\,\pi^3 + 280764\,C_3\,L^2\,b^{10}\,h\,r_0{}^2\,t^2\,\pi^3$

$a_{t,11} = 576\,\pi\,C_2\,L^3\,b^{12}\,t^2 + 22752\,\pi\,C_3\,L^3\,b^{12}\,t^2 + 576\,\pi\,C_2\,L^3\,h^{12}\,t^2 + 22752\,\pi\,C_3\,L^3\,h^{12}\,t^2 +$
$448\,C_2\,L^3\,b^{11}\,t^3\,\pi^2 + 208\,C_2\,L^3\,b^{10}\,t^4\,\pi^3 + 22272\,C_3\,L^3\,b^{11}\,t^3\,\pi^2 + 13800\,C_3\,L^3\,b^{10}\,t^4\,\pi^3 +$
$448\,C_2\,L^3\,h^{11}\,t^3\,\pi^2 + 208\,C_2\,L^3\,h^{10}\,t^4\,\pi^3 + 22272\,C_3\,L^3\,h^{11}\,t^3\,\pi^2 + 13800\,C_3\,L^3\,h^{10}\,t^4\,\pi^3 +$
$1344\,C_2\,L^3\,b^{11}\,r_0\,t^2\,\pi^2 + 1344\,C_2\,L^3\,b^{11}\,r_0{}^2\,t\,\pi^2 + 832\,C_2\,L^3\,b^{10}\,r_0\,t^3\,\pi^3 + 832\,C_2\,L^3\,b^{10}\,r_0{}^3\,t\,\pi^3 +$
$66816\,C_3\,L^3\,b^{11}\,r_0\,t^2\,\pi^2 + 66816\,C_3\,L^3\,b^{11}\,r_0{}^2\,t\,\pi^2 + 55200\,C_3\,L^3\,b^{10}\,r_0\,t^3\,\pi^3 + 55200\,C_3\,L^3\,b^{10}\,r_0{}^3\,t\,\pi^3 +$
$1344\,C_2\,L^3\,h^{11}\,r_0\,t^2\,\pi^2 + 1344\,C_2\,L^3\,h^{11}\,r_0{}^2\,t\,\pi^2 + 832\,C_2\,L^3\,h^{10}\,r_0\,t^3\,\pi^3 + 832\,C_2\,L^3\,h^{10}\,r_0{}^3\,t\,\pi^3 +$
$66816\,C_3\,L^3\,h^{11}\,r_0\,t^2\,\pi^2 + 66816\,C_3\,L^3\,h^{11}\,r_0{}^2\,t\,\pi^2 + 55200\,C_3\,L^3\,h^{10}\,r_0\,t^3\,\pi^3 + 55200\,C_3\,L^3\,h^{10}\,r_0{}^3\,t\,\pi^3 +$
$1152\,\pi\,C_2\,L^3\,b^{12}\,r_0\,t + 45504\,\pi\,C_3\,L^3\,b^{12}\,r_0\,t + 1152\,\pi\,C_2\,L^3\,h^{12}\,r_0\,t + 45504\,\pi\,C_3\,L^3\,h^{12}\,r_0\,t +$
$24640\,C_2\,L^3\,b^2\,h^9\,t^3\,\pi^2 + 73920\,C_2\,L^3\,b^3\,h^8\,t^3\,\pi^2 + 147840\,C_2\,L^3\,b^4\,h^7\,t^3\,\pi^2 + 206976\,C_2\,L^3\,b^5\,h^6\,t^3\,\pi^2 +$
$206976\,C_2\,L^3\,b^6\,h^5\,t^3\,\pi^2 + 147840\,C_2\,L^3\,b^7\,h^4\,t^3\,\pi^2 + 73920\,C_2\,L^3\,b^8\,h^3\,t^3\,\pi^2 + 24640\,C_2\,L^3\,b^9\,h^2\,t^3\,\pi^2 +$
$9360\,C_2\,L^3\,b^2\,h^8\,t^4\,\pi^3 + 24960\,C_2\,L^3\,b^3\,h^7\,t^4\,\pi^3 + 43680\,C_2\,L^3\,b^4\,h^6\,t^4\,\pi^3 + 52416\,C_2\,L^3\,b^5\,h^5\,t^4\,\pi^3 +$
$43680\,C_2\,L^3\,b^6\,h^4\,t^4\,\pi^3 + 24960\,C_2\,L^3\,b^7\,h^3\,t^4\,\pi^3 + 9360\,C_2\,L^3\,b^8\,h^2\,t^4\,\pi^3 + 1224960\,C_3\,L^3\,b^2\,h^9\,t^3\,\pi^2 +$
$3674880\,C_3\,L^3\,b^3\,h^8\,t^3\,\pi^2 + 7349760\,C_3\,L^3\,b^4\,h^7\,t^3\,\pi^2 + 10289664\,C_3\,L^3\,b^5\,h^6\,t^3\,\pi^2 +$
$10289664\,C_3\,L^3\,b^6\,h^5\,t^3\,\pi^2 + 7349760\,C_3\,L^3\,b^7\,h^4\,t^3\,\pi^2 + 3674880\,C_3\,L^3\,b^8\,h^3\,t^3\,\pi^2 +$
$1224960\,C_3\,L^3\,b^9\,h^2\,t^3\,\pi^2 + 621000\,C_3\,L^3\,b^2\,h^8\,t^4\,\pi^3 + 1656000\,C_3\,L^3\,b^3\,h^7\,t^4\,\pi^3 +$
$2898000\,C_3\,L^3\,b^4\,h^6\,t^4\,\pi^3 + 3477600\,C_3\,L^3\,b^5\,h^5\,t^4\,\pi^3 + 2898000\,C_3\,L^3\,b^6\,h^4\,t^4\,\pi^3 +$
$1656000\,C_3\,L^3\,b^7\,h^3\,t^4\,\pi^3 + 621000\,C_3\,L^3\,b^8\,h^2\,t^4\,\pi^3 + 1248\,C_2\,L^3\,b^{10}\,r_0{}^2\,t^2\,\pi^3 +$
$82800\,C_3\,L^3\,b^{10}\,r_0{}^2\,t^2\,\pi^3 + 1248\,C_2\,L^3\,h^{10}\,r_0{}^2\,t^2\,\pi^3 + 82800\,C_3\,L^3\,h^{10}\,r_0{}^2\,t^2\,\pi^3 +$
$6912\,\pi\,C_2\,L^3\,b\,h^{11}\,t^2 + 6912\,\pi\,C_2\,L^3\,b^{11}\,h\,t^2 + 273024\,\pi\,C_3\,L^3\,b\,h^{11}\,t^2 + 273024\,\pi\,C_3\,L^3\,b^{11}\,h\,t^2 +$
$38016\,\pi\,C_2\,L^3\,b^2\,h^{10}\,t^2 + 126720\,\pi\,C_2\,L^3\,b^3\,h^9\,t^2 + 285120\,\pi\,C_2\,L^3\,b^4\,h^8\,t^2 + 456192\,\pi\,C_2\,L^3\,b^5\,h^7\,t^2 +$
$532224\,\pi\,C_2\,L^3\,b^6\,h^6\,t^2 + 456192\,\pi\,C_2\,L^3\,b^7\,h^5\,t^2 + 285120\,\pi\,C_2\,L^3\,b^8\,h^4\,t^2 + 126720\,\pi\,C_2\,L^3\,b^9\,h^3\,t^2 +$
$38016\,\pi\,C_2\,L^3\,b^{10}\,h^2\,t^2 + 4928\,C_2\,L^3\,b\,h^{10}\,t^3\,\pi^2 + 4928\,C_2\,L^3\,b^{10}\,h\,t^3\,\pi^2 + 1501632\,\pi\,C_3\,L^3\,b^2\,h^{10}\,t^2 +$
$5005440\,\pi\,C_3\,L^3\,b^3\,h^9\,t^2 + 11262240\,\pi\,C_3\,L^3\,b^4\,h^8\,t^2 + 18019584\,\pi\,C_3\,L^3\,b^5\,h^7\,t^2 +$
$21022848\,\pi\,C_3\,L^3\,b^6\,h^6\,t^2 + 18019584\,\pi\,C_3\,L^3\,b^7\,h^5\,t^2 + 11262240\,\pi\,C_3\,L^3\,b^8\,h^4\,t^2 +$
$5005440\,\pi\,C_3\,L^3\,b^9\,h^3\,t^2 + 1501632\,\pi\,C_3\,L^3\,b^{10}\,h^2\,t^2 + 2080\,C_2\,L^3\,b\,h^9\,t^4\,\pi^3 + 2080\,C_2\,L^3\,b^9\,h\,t^4\,\pi^3 +$
$244992\,C_3\,L^3\,b\,h^{10}\,t^3\,\pi^2 + 244992\,C_3\,L^3\,b^{10}\,h\,t^3\,\pi^2 + 138000\,C_3\,L^3\,b\,h^9\,t^4\,\pi^3 + 138000\,C_3\,L^3\,b^9\,h\,t^4\,\pi^3 +$
$76032\,\pi\,C_2\,L^3\,b^2\,h^{10}\,r_0\,t + 253440\,\pi\,C_2\,L^3\,b^3\,h^9\,r_0\,t + 570240\,\pi\,C_2\,L^3\,b^4\,h^8\,r_0\,t +$
$912384\,\pi\,C_2\,L^3\,b^5\,h^7\,r_0\,t + 1064448\,\pi\,C_2\,L^3\,b^6\,h^6\,r_0\,t + 912384\,\pi\,C_2\,L^3\,b^7\,h^5\,r_0\,t +$
$570240\,\pi\,C_2\,L^3\,b^8\,h^4\,r_0\,t + 253440\,\pi\,C_2\,L^3\,b^9\,h^3\,r_0\,t + 76032\,\pi\,C_2\,L^3\,b^{10}\,h^2\,r_0\,t +$
$3003264\,\pi\,C_3\,L^3\,b^2\,h^{10}\,r_0\,t + 10010880\,\pi\,C_3\,L^3\,b^3\,h^9\,r_0\,t + 22524480\,\pi\,C_3\,L^3\,b^4\,h^8\,r_0\,t +$
$36039168\,\pi\,C_3\,L^3\,b^5\,h^7\,r_0\,t + 42045696\,\pi\,C_3\,L^3\,b^6\,h^6\,r_0\,t + 36039168\,\pi\,C_3\,L^3\,b^7\,h^5\,r_0\,t +$
$22524480\,\pi\,C_3\,L^3\,b^8\,h^4\,r_0\,t + 10010880\,\pi\,C_3\,L^3\,b^9\,h^3\,r_0\,t + 3003264\,\pi\,C_3\,L^3\,b^{10}\,h^2\,r_0\,t +$
$56160\,C_2\,L^3\,b^2\,h^8\,r_0{}^2\,t^2\,\pi^3 + 149760\,C_2\,L^3\,b^3\,h^7\,r_0{}^2\,t^2\,\pi^3 + 262080\,C_2\,L^3\,b^4\,h^6\,r_0{}^2\,t^2\,\pi^3 +$
$314496\,C_2\,L^3\,b^5\,h^5\,r_0{}^2\,t^2\,\pi^3 + 262080\,C_2\,L^3\,b^6\,h^4\,r_0{}^2\,t^2\,\pi^3 + 149760\,C_2\,L^3\,b^7\,h^3\,r_0{}^2\,t^2\,\pi^3 +$
$56160\,C_2\,L^3\,b^8\,h^2\,r_0{}^2\,t^2\,\pi^3 + 3726000\,C_3\,L^3\,b^2\,h^8\,r_0{}^2\,t^2\,\pi^3 + 9936000\,C_3\,L^3\,b^3\,h^7\,r_0{}^2\,t^2\,\pi^3 +$
$17388000\,C_3\,L^3\,b^4\,h^6\,r_0{}^2\,t^2\,\pi^3 + 20865600\,C_3\,L^3\,b^5\,h^5\,r_0{}^2\,t^2\,\pi^3 + 17388000\,C_3\,L^3\,b^6\,h^4\,r_0{}^2\,t^2\,\pi^3 +$
$9936000\,C_3\,L^3\,b^7\,h^3\,r_0{}^2\,t^2\,\pi^3 + 3726000\,C_3\,L^3\,b^8\,h^2\,r_0{}^2\,t^2\,\pi^3 + 14784\,C_2\,L^3\,b\,h^{10}\,r_0\,t^2\,\pi^2 +$
$14784\,C_2\,L^3\,b\,h^{10}\,r_0{}^2\,t\,\pi^2 + 14784\,C_2\,L^3\,b^{10}\,h\,r_0\,t^2\,\pi^2 + 14784\,C_2\,L^3\,b^{10}\,h\,r_0{}^2\,t\,\pi^2 +$
$8320\,C_2\,L^3\,b\,h^9\,r_0\,t^3\,\pi^3 + 8320\,C_2\,L^3\,b\,h^9\,r_0{}^3\,t\,\pi^3 + 8320\,C_2\,L^3\,b^9\,h\,r_0\,t^3\,\pi^3 + 8320\,C_2\,L^3\,b^9\,h\,r_0{}^3\,t\,\pi^3 +$
$734976\,C_3\,L^3\,b\,h^{10}\,r_0\,t^2\,\pi^2 + 734976\,C_3\,L^3\,b\,h^{10}\,r_0{}^2\,t\,\pi^2 + 734976\,C_3\,L^3\,b^{10}\,h\,r_0\,t^2\,\pi^2 +$

$734976\,C_3\,L^3\,b^{10}\,h\,r_0{}^2\,t\,\pi^2 + 552000\,C_3\,L^3\,b\,h^9\,r_0\,t^3\,\pi^3 + 552000\,C_3\,L^3\,b\,h^9\,r_0{}^3\,t\,\pi^3 +$

$552000\,C_3\,L^3\,b^9\,h\,r_0\,t^3\,\pi^3 + 552000\,C_3\,L^3\,b^9\,h\,r_0{}^3\,t\,\pi^3 + 13824\,\pi\,C_2\,L^3\,b\,h^{11}\,r_0\,t +$

$13824\,\pi\,C_2\,L^3\,b^{11}\,h\,r_0\,t + 546048\,\pi\,C_3\,L^3\,b\,h^{11}\,r_0\,t + 546048\,\pi\,C_3\,L^3\,b^{11}\,h\,r_0\,t + 73920\,C_2\,L^3\,b^2\,h^9\,r_0\,t^2\,\pi^2 +$

$73920\,C_2\,L^3\,b^2\,h^9\,r_0{}^2\,t\,\pi^2 + 221760\,C_2\,L^3\,b^3\,h^8\,r_0\,t^2\,\pi^2 + 221760\,C_2\,L^3\,b^3\,h^8\,r_0{}^2\,t\,\pi^2 +$

$443520\,C_2\,L^3\,b^4\,h^7\,r_0\,t^2\,\pi^2 + 443520\,C_2\,L^3\,b^4\,h^7\,r_0{}^2\,t\,\pi^2 + 620928\,C_2\,L^3\,b^5\,h^6\,r_0\,t^2\,\pi^2 +$

$620928\,C_2\,L^3\,b^5\,h^6\,r_0{}^2\,t\,\pi^2 + 620928\,C_2\,L^3\,b^6\,h^5\,r_0\,t^2\,\pi^2 + 620928\,C_2\,L^3\,b^6\,h^5\,r_0{}^2\,t\,\pi^2 +$

$443520\,C_2\,L^3\,b^7\,h^4\,r_0\,t^2\,\pi^2 + 443520\,C_2\,L^3\,b^7\,h^4\,r_0{}^2\,t\,\pi^2 + 221760\,C_2\,L^3\,b^8\,h^3\,r_0\,t^2\,\pi^2 +$

$221760\,C_2\,L^3\,b^8\,h^3\,r_0{}^2\,t\,\pi^2 + 73920\,C_2\,L^3\,b^9\,h^2\,r_0\,t^2\,\pi^2 + 73920\,C_2\,L^3\,b^9\,h^2\,r_0{}^2\,t\,\pi^2 +$

$12480\,C_2\,L^3\,b\,h^9\,r_0{}^2\,t^2\,\pi^3 + 37440\,C_2\,L^3\,b^2\,h^8\,r_0\,t^3\,\pi^3 + 37440\,C_2\,L^3\,b^2\,h^8\,r_0{}^3\,t\,\pi^3 +$

$99840\,C_2\,L^3\,b^3\,h^7\,r_0\,t^3\,\pi^3 + 99840\,C_2\,L^3\,b^3\,h^7\,r_0{}^3\,t\,\pi^3 + 174720\,C_2\,L^3\,b^4\,h^6\,r_0\,t^3\,\pi^3 +$

$174720\,C_2\,L^3\,b^4\,h^6\,r_0{}^3\,t\,\pi^3 + 209664\,C_2\,L^3\,b^5\,h^5\,r_0\,t^3\,\pi^3 + 209664\,C_2\,L^3\,b^5\,h^5\,r_0{}^3\,t\,\pi^3 +$

$174720\,C_2\,L^3\,b^6\,h^4\,r_0\,t^3\,\pi^3 + 174720\,C_2\,L^3\,b^6\,h^4\,r_0{}^3\,t\,\pi^3 + 99840\,C_2\,L^3\,b^7\,h^3\,r_0\,t^3\,\pi^3 +$

$99840\,C_2\,L^3\,b^7\,h^3\,r_0{}^3\,t\,\pi^3 + 37440\,C_2\,L^3\,b^8\,h^2\,r_0\,t^3\,\pi^3 + 37440\,C_2\,L^3\,b^8\,h^2\,r_0{}^3\,t\,\pi^3 +$

$12480\,C_2\,L^3\,b^9\,h\,r_0{}^2\,t^2\,\pi^3 + 3674880\,C_3\,L^3\,b^2\,h^9\,r_0\,t^2\,\pi^2 + 3674880\,C_3\,L^3\,b^2\,h^9\,r_0{}^2\,t\,\pi^2 +$

$11024640\,C_3\,L^3\,b^3\,h^8\,r_0\,t^2\,\pi^2 + 11024640\,C_3\,L^3\,b^3\,h^8\,r_0{}^2\,t\,\pi^2 + 22049280\,C_3\,L^3\,b^4\,h^7\,r_0\,t^2\,\pi^2 +$

$22049280\,C_3\,L^3\,b^4\,h^7\,r_0{}^2\,t\,\pi^2 + 30868992\,C_3\,L^3\,b^5\,h^6\,r_0\,t^2\,\pi^2 + 30868992\,C_3\,L^3\,b^5\,h^6\,r_0{}^2\,t\,\pi^2 +$

$30868992\,C_3\,L^3\,b^6\,h^5\,r_0\,t^2\,\pi^2 + 30868992\,C_3\,L^3\,b^6\,h^5\,r_0{}^2\,t\,\pi^2 + 22049280\,C_3\,L^3\,b^7\,h^4\,r_0\,t^2\,\pi^2 +$

$22049280\,C_3\,L^3\,b^7\,h^4\,r_0{}^2\,t\,\pi^2 + 11024640\,C_3\,L^3\,b^8\,h^3\,r_0\,t^2\,\pi^2 + 11024640\,C_3\,L^3\,b^8\,h^3\,r_0{}^2\,t\,\pi^2 +$

$3674880\,C_3\,L^3\,b^9\,h^2\,r_0\,t^2\,\pi^2 + 3674880\,C_3\,L^3\,b^9\,h^2\,r_0{}^2\,t\,\pi^2 + 828000\,C_3\,L^3\,b\,h^9\,r_0{}^2\,t^2\,\pi^3 +$

$2484000\,C_3\,L^3\,b^2\,h^8\,r_0\,t^3\,\pi^3 + 2484000\,C_3\,L^3\,b^2\,h^8\,r_0{}^3\,t\,\pi^3 + 6624000\,C_3\,L^3\,b^3\,h^7\,r_0\,t^3\,\pi^3 +$

$6624000\,C_3\,L^3\,b^3\,h^7\,r_0{}^3\,t\,\pi^3 + 11592000\,C_3\,L^3\,b^4\,h^6\,r_0\,t^3\,\pi^3 + 11592000\,C_3\,L^3\,b^4\,h^6\,r_0{}^3\,t\,\pi^3 +$

$13910400\,C_3\,L^3\,b^5\,h^5\,r_0\,t^3\,\pi^3 + 13910400\,C_3\,L^3\,b^5\,h^5\,r_0{}^3\,t\,\pi^3 + 11592000\,C_3\,L^3\,b^6\,h^4\,r_0\,t^3\,\pi^3 +$

$11592000\,C_3\,L^3\,b^6\,h^4\,r_0{}^3\,t\,\pi^3 + 6624000\,C_3\,L^3\,b^7\,h^3\,r_0\,t^3\,\pi^3 + 6624000\,C_3\,L^3\,b^7\,h^3\,r_0{}^3\,t\,\pi^3 +$

$2484000\,C_3\,L^3\,b^8\,h^2\,r_0\,t^3\,\pi^3 + 2484000\,C_3\,L^3\,b^8\,h^2\,r_0{}^3\,t\,\pi^3 + 828000\,C_3\,L^3\,b^9\,h\,r_0{}^2\,t^2\,\pi^3$

$\mathrm{a}_{t,10} = 24\,\pi\,C_1\,L^4\,b^{11}\,t^2 + 3072\,\pi\,C_2\,L^4\,b^{11}\,t^2 + 53424\,\pi\,C_3\,L^4\,b^{11}\,t^2 + 24\,\pi\,C_1\,L^4\,h^{11}\,t^2 +$

$3072\,\pi\,C_2\,L^4\,h^{11}\,t^2 + 53424\,\pi\,C_3\,L^4\,h^{11}\,t^2 + 12\,C_1\,L^4\,b^{10}\,t^3\,\pi^2 + 3\,C_1\,L^4\,b^9\,t^4\,\pi^3 +$

$2240\,C_2\,L^4\,b^{10}\,t^3\,\pi^2 + 968\,C_2\,L^4\,b^9\,t^4\,\pi^3 + 49944\,C_3\,L^4\,b^{10}\,t^3\,\pi^2 + 29310\,C_3\,L^4\,b^9\,t^4\,\pi^3 +$

$12\,C_1\,L^4\,h^{10}\,t^3\,\pi^2 + 3\,C_1\,L^4\,h^9\,t^4\,\pi^3 + 2240\,C_2\,L^4\,h^{10}\,t^3\,\pi^2 + 968\,C_2\,L^4\,h^9\,t^4\,\pi^3 +$

$49944\,C_3\,L^4\,h^{10}\,t^3\,\pi^2 + 29310\,C_3\,L^4\,h^9\,t^4\,\pi^3 + 36\,C_1\,L^4\,b^{10}\,r_0\,t^2\,\pi^2 + 36\,C_1\,L^4\,b^{10}\,r_0{}^2\,t\,\pi^2 +$

$12\,C_1\,L^4\,b^9\,r_0\,t^3\,\pi^3 + 12\,C_1\,L^4\,b^9\,r_0{}^3\,t\,\pi^3 + 6720\,C_2\,L^4\,b^{10}\,r_0\,t^2\,\pi^2 + 6720\,C_2\,L^4\,b^{10}\,r_0{}^2\,t\,\pi^2 +$

$3872\,C_2\,L^4\,b^9\,r_0\,t^3\,\pi^3 + 3872\,C_2\,L^4\,b^9\,r_0{}^3\,t\,\pi^3 + 149832\,C_3\,L^4\,b^{10}\,r_0\,t^2\,\pi^2 + 149832\,C_3\,L^4\,b^{10}\,r_0{}^2\,t\,\pi^2 +$

$117240\,C_3\,L^4\,b^9\,r_0\,t^3\,\pi^3 + 117240\,C_3\,L^4\,b^9\,r_0{}^3\,t\,\pi^3 + 36\,C_1\,L^4\,h^{10}\,r_0\,t^2\,\pi^2 + 36\,C_1\,L^4\,h^{10}\,r_0{}^2\,t\,\pi^2 +$

$12\,C_1\,L^4\,h^9\,r_0\,t^3\,\pi^3 + 12\,C_1\,L^4\,h^9\,r_0{}^3\,t\,\pi^3 + 6720\,C_2\,L^4\,h^{10}\,r_0\,t^2\,\pi^2 + 6720\,C_2\,L^4\,h^{10}\,r_0{}^2\,t\,\pi^2 +$

$3872\,C_2\,L^4\,h^9\,r_0\,t^3\,\pi^3 + 3872\,C_2\,L^4\,h^9\,r_0{}^3\,t\,\pi^3 + 149832\,C_3\,L^4\,h^{10}\,r_0\,t^2\,\pi^2 + 149832\,C_3\,L^4\,h^{10}\,r_0{}^2\,t\,\pi^2 +$

$117240\,C_3\,L^4\,h^9\,r_0\,t^3\,\pi^3 + 117240\,C_3\,L^4\,h^9\,r_0{}^3\,t\,\pi^3 + 48\,\pi\,C_1\,L^4\,b^{11}\,r_0\,t + 6144\,\pi\,C_2\,L^4\,b^{11}\,r_0\,t +$

$106848\,\pi\,C_3\,L^4\,b^{11}\,r_0\,t + 48\,\pi\,C_1\,L^4\,h^{11}\,r_0\,t + 6144\,\pi\,C_2\,L^4\,h^{11}\,r_0\,t + 106848\,\pi\,C_3\,L^4\,h^{11}\,r_0\,t +$

$540\,C_1\,L^4\,b^2\,h^8\,t^3\,\pi^2 + 1440\,C_1\,L^4\,b^3\,h^7\,t^3\,\pi^2 + 2520\,C_1\,L^4\,b^4\,h^6\,t^3\,\pi^2 + 3024\,C_1\,L^4\,b^5\,h^5\,t^3\,\pi^2 +$

$2520\,C_1\,L^4\,b^6\,h^4\,t^3\,\pi^2 + 1440\,C_1\,L^4\,b^7\,h^3\,t^3\,\pi^2 + 540\,C_1\,L^4\,b^8\,h^2\,t^3\,\pi^2 + 108\,C_1\,L^4\,b^2\,h^7\,t^4\,\pi^3 +$

$252\,C_1\,L^4\,b^3\,h^6\,t^4\,\pi^3 + 378\,C_1\,L^4\,b^4\,h^5\,t^4\,\pi^3 + 378\,C_1\,L^4\,b^5\,h^4\,t^4\,\pi^3 + 252\,C_1\,L^4\,b^6\,h^3\,t^4\,\pi^3 +$

$108\,C_1\,L^4\,b^7\,h^2\,t^4\,\pi^3 + 100800\,C_2\,L^4\,b^2\,h^8\,t^3\,\pi^2 + 268800\,C_2\,L^4\,b^3\,h^7\,t^3\,\pi^2 + 470400\,C_2\,L^4\,b^4\,h^6\,t^3\,\pi^2 +$

$564480\,C_2\,L^4\,b^5\,h^5\,t^3\,\pi^2 + 470400\,C_2\,L^4\,b^6\,h^4\,t^3\,\pi^2 + 268800\,C_2\,L^4\,b^7\,h^3\,t^3\,\pi^2 + 100800\,C_2\,L^4\,b^8\,h^2\,t^3\,\pi^2 +$

$34848\,C_2\,L^4\,b^2\,h^7\,t^4\,\pi^3 + 81312\,C_2\,L^4\,b^3\,h^6\,t^4\,\pi^3 + 121968\,C_2\,L^4\,b^4\,h^5\,t^4\,\pi^3 + 121968\,C_2\,L^4\,b^5\,h^4\,t^4\,\pi^3 +$

$81312\,C_2\,L^4\,b^6\,h^3\,t^4\,\pi^3 + 34848\,C_2\,L^4\,b^7\,h^2\,t^4\,\pi^3 + 2247480\,C_3\,L^4\,b^2\,h^8\,t^3\,\pi^2 + 5993280\,C_3\,L^4\,b^3\,h^7\,t^3\,\pi^2 +$

$10488240\,C_3\,L^4\,b^4\,h^6\,t^3\,\pi^2 + 12585888\,C_3\,L^4\,b^5\,h^5\,t^3\,\pi^2 + 10488240\,C_3\,L^4\,b^6\,h^4\,t^3\,\pi^2 +$

$5993280\,C_3\,L^4\,b^7\,h^3\,t^3\,\pi^2 + 2247480\,C_3\,L^4\,b^8\,h^2\,t^3\,\pi^2 + 1055160\,C_3\,L^4\,b^2\,h^7\,t^4\,\pi^3 +$

$2462040\,C_3\,L^4\,b^3\,h^6\,t^4\,\pi^3 + 3693060\,C_3\,L^4\,b^4\,h^5\,t^4\,\pi^3 + 3693060\,C_3\,L^4\,b^5\,h^4\,t^4\,\pi^3 +$

$2462040\,C_3\,L^4\,b^6\,h^3\,t^4\,\pi^3 + 1055160\,C_3\,L^4\,b^7\,h^2\,t^4\,\pi^3 + 18\,C_1\,L^4\,b^9\,r_0{}^2\,t^2\,\pi^3 + 5808\,C_2\,L^4\,b^9\,r_0{}^2\,t^2\,\pi^3 +$

$175860\,C_3\,L^4\,b^9\,r_0{}^2\,t^2\,\pi^3 + 18\,C_1\,L^4\,h^9\,r_0{}^2\,t^2\,\pi^3 + 5808\,C_2\,L^4\,h^9\,r_0{}^2\,t^2\,\pi^3 + 175860\,C_3\,L^4\,h^9\,r_0{}^2\,t^2\,\pi^3 +$

$264\,\pi\,C_1\,L^4\,b\,h^{10}\,t^2 + 264\,\pi\,C_1\,L^4\,b^{10}\,h\,t^2 + 33792\,\pi\,C_2\,L^4\,b\,h^{10}\,t^2 + 33792\,\pi\,C_2\,L^4\,b^{10}\,h\,t^2 +$

$587664\,\pi\,C_3\,L^4\,b\,h^{10}\,t^2 + 587664\,\pi\,C_3\,L^4\,b^{10}\,h\,t^2 + 1320\,\pi\,C_1\,L^4\,b^2\,h^9\,t^2 + 3960\,\pi\,C_1\,L^4\,b^3\,h^8\,t^2 +$

$7920\,\pi\,C_1\,L^4\,b^4\,h^7\,t^2 + 11088\,\pi\,C_1\,L^4\,b^5\,h^6\,t^2 + 11088\,\pi\,C_1\,L^4\,b^6\,h^5\,t^2 + 7920\,\pi\,C_1\,L^4\,b^7\,h^4\,t^2 +$

$3960\,\pi\,C_1\,L^4\,b^8\,h^3\,t^2 + 1320\,\pi\,C_1\,L^4\,b^9\,h^2\,t^2 + 120\,C_1\,L^4\,b\,h^9\,t^3\,\pi^2 + 120\,C_1\,L^4\,b^9\,h\,t^3\,\pi^2 +$

$168960\,\pi\,C_2\,L^4\,b^2\,h^9\,t^2 + 506880\,\pi\,C_2\,L^4\,b^3\,h^8\,t^2 + 1013760\,\pi\,C_2\,L^4\,b^4\,h^7\,t^2 + 1419264\,\pi\,C_2\,L^4\,b^5\,h^6\,t^2 +$

$1419264\,\pi\,C_2\,L^4\,b^6\,h^5\,t^2 + 1013760\,\pi\,C_2\,L^4\,b^7\,h^4\,t^2 + 506880\,\pi\,C_2\,L^4\,b^8\,h^3\,t^2 + 168960\,\pi\,C_2\,L^4\,b^9\,h^2\,t^2 +$

$27\,C_1\,L^4\,b\,h^8\,t^4\,\pi^3 + 27\,C_1\,L^4\,b^8\,h\,t^4\,\pi^3 + 22400\,C_2\,L^4\,b\,h^9\,t^3\,\pi^2 + 22400\,C_2\,L^4\,b^9\,h\,t^3\,\pi^2 +$

$2938320\,\pi\,C_3\,L^4\,b^2\,h^9\,t^2 + 8814960\,\pi\,C_3\,L^4\,b^3\,h^8\,t^2 + 17629920\,\pi\,C_3\,L^4\,b^4\,h^7\,t^2 +$

$24681888\,\pi\,C_3\,L^4\,b^5\,h^6\,t^2 + 24681888\,\pi\,C_3\,L^4\,b^6\,h^5\,t^2 + 17629920\,\pi\,C_3\,L^4\,b^7\,h^4\,t^2 +$

$8814960\,\pi\,C_3\,L^4\,b^8\,h^3\,t^2 + 2938320\,\pi\,C_3\,L^4\,b^9\,h^2\,t^2 + 8712\,C_2\,L^4\,b\,h^8\,t^4\,\pi^3 + 8712\,C_2\,L^4\,b^8\,h\,t^4\,\pi^3 +$

$499440\,C_3\,L^4\,b\,h^9\,t^3\,\pi^2 + 499440\,C_3\,L^4\,b^9\,h\,t^3\,\pi^2 + 263790\,C_3\,L^4\,b\,h^8\,t^4\,\pi^3 + 263790\,C_3\,L^4\,b^8\,h\,t^4\,\pi^3 +$

$2640\,\pi\,C_1\,L^4\,b^2\,h^9\,r_0\,t + 7920\,\pi\,C_1\,L^4\,b^3\,h^8\,r_0\,t + 15840\,\pi\,C_1\,L^4\,b^4\,h^7\,r_0\,t + 22176\,\pi\,C_1\,L^4\,b^5\,h^6\,r_0\,t +$

$22176\,\pi\,C_1\,L^4\,b^6\,h^5\,r_0\,t + 15840\,\pi\,C_1\,L^4\,b^7\,h^4\,r_0\,t + 7920\,\pi\,C_1\,L^4\,b^8\,h^3\,r_0\,t + 2640\,\pi\,C_1\,L^4\,b^9\,h^2\,r_0\,t +$

$337920\,\pi\,C_2\,L^4\,b^2\,h^9\,r_0\,t + 1013760\,\pi\,C_2\,L^4\,b^3\,h^8\,r_0\,t + 2027520\,\pi\,C_2\,L^4\,b^4\,h^7\,r_0\,t +$

$2838528\,\pi\,C_2\,L^4\,b^5\,h^6\,r_0\,t + 2838528\,\pi\,C_2\,L^4\,b^6\,h^5\,r_0\,t + 2027520\,\pi\,C_2\,L^4\,b^7\,h^4\,r_0\,t +$

$1013760\,\pi\,C_2\,L^4\,b^8\,h^3\,r_0\,t + 337920\,\pi\,C_2\,L^4\,b^9\,h^2\,r_0\,t + 5876640\,\pi\,C_3\,L^4\,b^2\,h^9\,r_0\,t +$

$17629920\,\pi\,C_3\,L^4\,b^3\,h^8\,r_0\,t + 35259840\,\pi\,C_3\,L^4\,b^4\,h^7\,r_0\,t + 49363776\,\pi\,C_3\,L^4\,b^5\,h^6\,r_0\,t +$

$49363776\,\pi\,C_3\,L^4\,b^6\,h^5\,r_0\,t + 35259840\,\pi\,C_3\,L^4\,b^7\,h^4\,r_0\,t + 17629920\,\pi\,C_3\,L^4\,b^8\,h^3\,r_0\,t +$

$5876640\,\pi\,C_3\,L^4\,b^9\,h^2\,r_0\,t + 648\,C_1\,L^4\,b^2\,h^7\,r_0{}^2\,t^2\,\pi^3 + 1512\,C_1\,L^4\,b^3\,h^6\,r_0{}^2\,t^2\,\pi^3 +$

$2268\,C_1\,L^4\,b^4\,h^5\,r_0{}^2\,t^2\,\pi^3 + 2268\,C_1\,L^4\,b^5\,h^4\,r_0{}^2\,t^2\,\pi^3 + 1512\,C_1\,L^4\,b^6\,h^3\,r_0{}^2\,t^2\,\pi^3 +$

$648\,C_1\,L^4\,b^7\,h^2\,r_0{}^2\,t^2\,\pi^3 + 209088\,C_2\,L^4\,b^2\,h^7\,r_0{}^2\,t^2\,\pi^3 + 487872\,C_2\,L^4\,b^3\,h^6\,r_0{}^2\,t^2\,\pi^3 +$

$731808\,C_2\,L^4\,b^4\,h^5\,r_0{}^2\,t^2\,\pi^3 + 731808\,C_2\,L^4\,b^5\,h^4\,r_0{}^2\,t^2\,\pi^3 + 487872\,C_2\,L^4\,b^6\,h^3\,r_0{}^2\,t^2\,\pi^3 +$

$209088\,C_2\,L^4\,b^7\,h^2\,r_0{}^2\,t^2\,\pi^3 + 6330960\,C_3\,L^4\,b^2\,h^7\,r_0{}^2\,t^2\,\pi^3 + 14772240\,C_3\,L^4\,b^3\,h^6\,r_0{}^2\,t^2\,\pi^3 +$

$22158360\,C_3\,L^4\,b^4\,h^5\,r_0{}^2\,t^2\,\pi^3 + 22158360\,C_3\,L^4\,b^5\,h^4\,r_0{}^2\,t^2\,\pi^3 + 14772240\,C_3\,L^4\,b^6\,h^3\,r_0{}^2\,t^2\,\pi^3 +$

$6330960\,C_3\,L^4\,b^7\,h^2\,r_0{}^2\,t^2\,\pi^3 + 360\,C_1\,L^4\,b\,h^9\,r_0\,t^2\,\pi^2 + 360\,C_1\,L^4\,b\,h^9\,r_0{}^2\,t\,\pi^2 +$

$360\,C_1\,L^4\,b^9\,h\,r_0\,t^2\,\pi^2 + 360\,C_1\,L^4\,b^9\,h\,r_0{}^2\,t\,\pi^2 + 108\,C_1\,L^4\,b\,h^8\,r_0\,t^3\,\pi^3 + 108\,C_1\,L^4\,b\,h^8\,r_0{}^3\,t\,\pi^3 +$

$108\,C_1\,L^4\,b^8\,h\,r_0\,t^3\,\pi^3 + 108\,C_1\,L^4\,b^8\,h\,r_0{}^3\,t\,\pi^3 + 67200\,C_2\,L^4\,b\,h^9\,r_0\,t^2\,\pi^2 + 67200\,C_2\,L^4\,b\,h^9\,r_0{}^2\,t\,\pi^2 +$

$67200\,C_2\,L^4\,b^9\,h\,r_0\,t^2\,\pi^2 + 67200\,C_2\,L^4\,b^9\,h\,r_0{}^2\,t\,\pi^2 + 34848\,C_2\,L^4\,b\,h^8\,r_0\,t^3\,\pi^3 +$

$34848\,C_2\,L^4\,b\,h^8\,r_0{}^3\,t\,\pi^3 + 34848\,C_2\,L^4\,b^8\,h\,r_0\,t^3\,\pi^3 + 34848\,C_2\,L^4\,b^8\,h\,r_0{}^3\,t\,\pi^3 +$

$1498320\,C_3\,L^4\,b\,h^9\,r_0\,t^2\,\pi^2 + 1498320\,C_3\,L^4\,b\,h^9\,r_0{}^2\,t\,\pi^2 + 1498320\,C_3\,L^4\,b^9\,h\,r_0\,t^2\,\pi^2 +$

$1498320\,C_3\,L^4\,b^9\,h\,r_0{}^2\,t\,\pi^2 + 1055160\,C_3\,L^4\,b\,h^8\,r_0\,t^3\,\pi^3 + 1055160\,C_3\,L^4\,b\,h^8\,r_0{}^3\,t\,\pi^3 +$

$1055160\,C_3\,L^4\,b^8\,h\,r_0\,t^3\,\pi^3 + 1055160\,C_3\,L^4\,b^8\,h\,r_0{}^3\,t\,\pi^3 + 528\,\pi\,C_1\,L^4\,b\,h^{10}\,r_0\,t +$

$528\,\pi\,C_1\,L^4\,b^{10}\,h\,r_0\,t + 67584\,\pi\,C_2\,L^4\,b\,h^{10}\,r_0\,t + 67584\,\pi\,C_2\,L^4\,b^{10}\,h\,r_0\,t + 1175328\,\pi\,C_3\,L^4\,b\,h^{10}\,r_0\,t +$

$1175328\,\pi\,C_3\,L^4\,b^{10}\,h\,r_0\,t + 1620\,C_1\,L^4\,b^2\,h^8\,r_0\,t^2\,\pi^2 + 1620\,C_1\,L^4\,b^2\,h^8\,r_0{}^2\,t\,\pi^2 +$

$4320\,C_1\,L^4\,b^3\,h^7\,r_0\,t^2\,\pi^2 + 4320\,C_1\,L^4\,b^3\,h^7\,r_0{}^2\,t\,\pi^2 + 7560\,C_1\,L^4\,b^4\,h^6\,r_0\,t^2\,\pi^2 +$

$7560\,C_1\,L^4\,b^4\,h^6\,r_0{}^2\,t\,\pi^2 + 9072\,C_1\,L^4\,b^5\,h^5\,r_0\,t^2\,\pi^2 + 9072\,C_1\,L^4\,b^5\,h^5\,r_0{}^2\,t\,\pi^2 +$

$7560\,C_1\,L^4\,b^6\,h^4\,r_0\,t^2\,\pi^2 + 7560\,C_1\,L^4\,b^6\,h^4\,r_0{}^2\,t\,\pi^2 + 4320\,C_1\,L^4\,b^7\,h^3\,r_0\,t^2\,\pi^2 +$

$4320\,C_1\,L^4\,b^7\,h^3\,r_0{}^2\,t\,\pi^2 + 1620\,C_1\,L^4\,b^8\,h^2\,r_0\,t^2\,\pi^2 + 1620\,C_1\,L^4\,b^8\,h^2\,r_0{}^2\,t\,\pi^2 +$

$162\,C_1\,L^4\,b\,h^8\,r_0{}^2\,t^2\,\pi^3 + 432\,C_1\,L^4\,b^2\,h^7\,r_0\,t^3\,\pi^3 + 432\,C_1\,L^4\,b^2\,h^7\,r_0{}^3\,t\,\pi^3 + 1008\,C_1\,L^4\,b^3\,h^6\,r_0\,t^3\,\pi^3 +$

$1008\,C_1\,L^4\,b^3\,h^6\,r_0{}^3\,t\,\pi^3 + 1512\,C_1\,L^4\,b^4\,h^5\,r_0\,t^3\,\pi^3 + 1512\,C_1\,L^4\,b^4\,h^5\,r_0{}^3\,t\,\pi^3 +$

$1512\,C_1\,L^4\,b^5\,h^4\,r_0\,t^3\,\pi^3 + 1512\,C_1\,L^4\,b^5\,h^4\,r_0{}^3\,t\,\pi^3 + 1008\,C_1\,L^4\,b^6\,h^3\,r_0\,t^3\,\pi^3 +$

$1008\,C_1\,L^4\,b^6\,h^3\,r_0{}^3\,t\,\pi^3 + 432\,C_1\,L^4\,b^7\,h^2\,r_0\,t^3\,\pi^3 + 432\,C_1\,L^4\,b^7\,h^2\,r_0{}^3\,t\,\pi^3 + 162\,C_1\,L^4\,b^8\,h\,r_0{}^2\,t^2\,\pi^3 +$

$302400\,C_2\,L^4\,b^2\,h^8\,r_0\,t^2\,\pi^2 + 302400\,C_2\,L^4\,b^2\,h^8\,r_0{}^2\,t\,\pi^2 + 806400\,C_2\,L^4\,b^3\,h^7\,r_0\,t^2\,\pi^2 +$

$806400\,C_2\,L^4\,b^3\,h^7\,r_0{}^2\,t\,\pi^2 + 1411200\,C_2\,L^4\,b^4\,h^6\,r_0\,t^2\,\pi^2 + 1411200\,C_2\,L^4\,b^4\,h^6\,r_0{}^2\,t\,\pi^2 +$

$1693440\,C_2\,L^4\,b^5\,h^5\,r_0\,t^2\,\pi^2 + 1693440\,C_2\,L^4\,b^5\,h^5\,r_0{}^2\,t\,\pi^2 + 1411200\,C_2\,L^4\,b^6\,h^4\,r_0\,t^2\,\pi^2 +$

$1411200\,C_2\,L^4\,b^6\,h^4\,r_0{}^2\,t\,\pi^2 + 806400\,C_2\,L^4\,b^7\,h^3\,r_0\,t^2\,\pi^2 + 806400\,C_2\,L^4\,b^7\,h^3\,r_0{}^2\,t\,\pi^2 +$

$302400\,C_2\,L^4\,b^8\,h^2\,r_0\,t^2\,\pi^2 + 302400\,C_2\,L^4\,b^8\,h^2\,r_0{}^2\,t\,\pi^2 + 52272\,C_2\,L^4\,b\,h^8\,r_0{}^2\,t^2\,\pi^3 +$

$139392\,C_2\,L^4\,b^2\,h^7\,r_0\,t^3\,\pi^3 + 139392\,C_2\,L^4\,b^2\,h^7\,r_0{}^3\,t\,\pi^3 + 325248\,C_2\,L^4\,b^3\,h^6\,r_0\,t^3\,\pi^3 +$

$325248\,C_2\,L^4\,b^3\,h^6\,r_0{}^3\,t\,\pi^3 + 487872\,C_2\,L^4\,b^4\,h^5\,r_0\,t^3\,\pi^3 + 487872\,C_2\,L^4\,b^4\,h^5\,r_0{}^3\,t\,\pi^3 +$

$487872\,C_2\,L^4\,b^5\,h^4\,r_0\,t^3\,\pi^3 + 487872\,C_2\,L^4\,b^5\,h^4\,r_0{}^3\,t\,\pi^3 + 325248\,C_2\,L^4\,b^6\,h^3\,r_0\,t^3\,\pi^3 +$

$325248\,C_2\,L^4\,b^6\,h^3\,r_0{}^3\,t\,\pi^3 + 139392\,C_2\,L^4\,b^7\,h^2\,r_0\,t^3\,\pi^3 + 139392\,C_2\,L^4\,b^7\,h^2\,r_0{}^3\,t\,\pi^3 +$

$52272\,C_2\,L^4\,b^8\,h\,r_0{}^2\,t^2\,\pi^3 + 6742440\,C_3\,L^4\,b^2\,h^8\,r_0\,t^2\,\pi^2 + 6742440\,C_3\,L^4\,b^2\,h^8\,r_0{}^2\,t\,\pi^2 +$

$17979840\,C_3\,L^4\,b^3\,h^7\,r_0\,t^2\,\pi^2 + 17979840\,C_3\,L^4\,b^3\,h^7\,r_0{}^2\,t\,\pi^2 + 31464720\,C_3\,L^4\,b^4\,h^6\,r_0\,t^2\,\pi^2 +$

$31464720\,C_3\,L^4\,b^4\,h^6\,r_0{}^2\,t\,\pi^2 + 37757664\,C_3\,L^4\,b^5\,h^5\,r_0\,t^2\,\pi^2 + 37757664\,C_3\,L^4\,b^5\,h^5\,r_0{}^2\,t\,\pi^2 +$

$31464720\,C_3\,L^4\,b^6\,h^4\,r_0\,t^2\,\pi^2 + 31464720\,C_3\,L^4\,b^6\,h^4\,r_0{}^2\,t\,\pi^2 + 17979840\,C_3\,L^4\,b^7\,h^3\,r_0\,t^2\,\pi^2 +$

$17979840\,C_3\,L^4\,b^7\,h^3\,r_0{}^2\,t\,\pi^2 + 6742440\,C_3\,L^4\,b^8\,h^2\,r_0\,t^2\,\pi^2 + 6742440\,C_3\,L^4\,b^8\,h^2\,r_0{}^2\,t\,\pi^2 +$

$1582740\,C_3\,L^4\,b\,h^8\,r_0{}^2\,t^2\,\pi^3 + 4220640\,C_3\,L^4\,b^2\,h^7\,r_0\,t^3\,\pi^3 + 4220640\,C_3\,L^4\,b^2\,h^7\,r_0{}^3\,t\,\pi^3 +$

$9848160\,C_3\,L^4\,b^3\,h^6\,r_0\,t^3\,\pi^3 + 9848160\,C_3\,L^4\,b^3\,h^6\,r_0{}^3\,t\,\pi^3 + 14772240\,C_3\,L^4\,b^4\,h^5\,r_0\,t^3\,\pi^3 +$

$14772240\,C_3\,L^4\,b^4\,h^5\,r_0{}^3\,t\,\pi^3 + 14772240\,C_3\,L^4\,b^5\,h^4\,r_0\,t^3\,\pi^3 + 14772240\,C_3\,L^4\,b^5\,h^4\,r_0{}^3\,t\,\pi^3 +$

$9848160\,C_3\,L^4\,b^6\,h^3\,r_0\,t^3\,\pi^3 + 9848160\,C_3\,L^4\,b^6\,h^3\,r_0{}^3\,t\,\pi^3 + 4220640\,C_3\,L^4\,b^7\,h^2\,r_0\,t^3\,\pi^3 +$

$4220640\,C_3\,L^4\,b^7\,h^2\,r_0{}^3\,t\,\pi^3 + 1582740\,C_3\,L^4\,b^8\,h\,r_0{}^2\,t^2\,\pi^3$

$a_{t,9} = 240\,\pi\,C_1\,L^5\,b^{10}\,t^2 + 9600\,\pi\,C_2\,L^5\,b^{10}\,t^2 + 84384\,\pi\,C_3\,L^5\,b^{10}\,t^2 + 240\,\pi\,C_1\,L^5\,h^{10}\,t^2 +$

$9600\,\pi\,C_2\,L^5\,h^{10}\,t^2 + 84384\,\pi\,C_3\,L^5\,h^{10}\,t^2 + 112\,C_1\,L^5\,b^9\,t^3\,\pi^2 + 26\,C_1\,L^5\,b^8\,t^4\,\pi^3 +$

$6592\,C_2\,L^5\,b^9\,t^3\,\pi^2 + 2656\,C_2\,L^5\,b^8\,t^4\,\pi^3 + 76128\,C_3\,L^5\,b^9\,t^3\,\pi^2 + 42636\,C_3\,L^5\,b^8\,t^4\,\pi^3 +$

$112\,C_1\,L^5\,h^9\,t^3\,\pi^2 + 26\,C_1\,L^5\,h^8\,t^4\,\pi^3 + 6592\,C_2\,L^5\,h^9\,t^3\,\pi^2 + 2656\,C_2\,L^5\,h^8\,t^4\,\pi^3 +$

$76128\,C_3\,L^5\,h^9\,t^3\,\pi^2 + 42636\,C_3\,L^5\,h^8\,t^4\,\pi^3 + 336\,C_1\,L^5\,b^9\,r_0\,t^2\,\pi^2 + 336\,C_1\,L^5\,b^9\,r_0{}^2\,t\,\pi^2 +$

$104\,C_1\,L^5\,b^8\,r_0\,t^3\,\pi^3 + 104\,C_1\,L^5\,b^8\,r_0{}^3\,t\,\pi^3 + 19776\,C_2\,L^5\,b^9\,r_0\,t^2\,\pi^2 + 19776\,C_2\,L^5\,b^9\,r_0{}^2\,t\,\pi^2 +$

$10624\,C_2\,L^5\,b^8\,r_0\,t^3\,\pi^3 + 10624\,C_2\,L^5\,b^8\,r_0{}^3\,t\,\pi^3 + 228384\,C_3\,L^5\,b^9\,r_0\,t^2\,\pi^2 + 228384\,C_3\,L^5\,b^9\,r_0{}^2\,t\,\pi^2 +$

$170544\,C_3\,L^5\,b^8\,r_0\,t^3\,\pi^3 + 170544\,C_3\,L^5\,b^8\,r_0{}^3\,t\,\pi^3 + 336\,C_1\,L^5\,h^9\,r_0\,t^2\,\pi^2 + 336\,C_1\,L^5\,h^9\,r_0{}^2\,t\,\pi^2 +$

$104\,C_1\,L^5\,h^8\,r_0\,t^3\,\pi^3 + 104\,C_1\,L^5\,h^8\,r_0{}^3\,t\,\pi^3 + 19776\,C_2\,L^5\,h^9\,r_0\,t^2\,\pi^2 + 19776\,C_2\,L^5\,h^9\,r_0{}^2\,t\,\pi^2 +$

$10624\,C_2\,L^5\,h^8\,r_0\,t^3\,\pi^3 + 10624\,C_2\,L^5\,h^8\,r_0{}^3\,t\,\pi^3 + 228384\,C_3\,L^5\,h^9\,r_0\,t^2\,\pi^2 + 228384\,C_3\,L^5\,h^9\,r_0{}^2\,t\,\pi^2 +$

$170544\,C_3\,L^5\,h^8\,r_0\,t^3\,\pi^3 + 170544\,C_3\,L^5\,h^8\,r_0{}^3\,t\,\pi^3 + 480\,\pi\,C_1\,L^5\,b^{10}\,r_0\,t + 19200\,\pi\,C_2\,L^5\,b^{10}\,r_0\,t +$

$168768\,\pi\,C_3\,L^5\,b^{10}\,r_0\,t + 480\,\pi\,C_1\,L^5\,h^{10}\,r_0\,t + 19200\,\pi\,C_2\,L^5\,h^{10}\,r_0\,t + 168768\,\pi\,C_3\,L^5\,h^{10}\,r_0\,t +$

$4032\,C_1\,L^5\,b^2\,h^7\,t^3\,\pi^2 + 9408\,C_1\,L^5\,b^3\,h^6\,t^3\,\pi^2 + 14112\,C_1\,L^5\,b^4\,h^5\,t^3\,\pi^2 + 14112\,C_1\,L^5\,b^5\,h^4\,t^3\,\pi^2 +$

$9408\,C_1\,L^5\,b^6\,h^3\,t^3\,\pi^2 + 4032\,C_1\,L^5\,b^7\,h^2\,t^3\,\pi^2 + 728\,C_1\,L^5\,b^2\,h^6\,t^4\,\pi^3 + 1456\,C_1\,L^5\,b^3\,h^5\,t^4\,\pi^3 +$

$1820\,C_1\,L^5\,b^4\,h^4\,t^4\,\pi^3 + 1456\,C_1\,L^5\,b^5\,h^3\,t^4\,\pi^3 + 728\,C_1\,L^5\,b^6\,h^2\,t^4\,\pi^3 + 237312\,C_2\,L^5\,b^2\,h^7\,t^3\,\pi^2 +$

$553728\,C_2\,L^5\,b^3\,h^6\,t^3\,\pi^2 + 830592\,C_2\,L^5\,b^4\,h^5\,t^3\,\pi^2 + 830592\,C_2\,L^5\,b^5\,h^4\,t^3\,\pi^2 + 553728\,C_2\,L^5\,b^6\,h^3\,t^3\,\pi^2 +$

$237312\,C_2\,L^5\,b^7\,h^2\,t^3\,\pi^2 + 74368\,C_2\,L^5\,b^2\,h^6\,t^4\,\pi^3 + 148736\,C_2\,L^5\,b^3\,h^5\,t^4\,\pi^3 + 185920\,C_2\,L^5\,b^4\,h^4\,t^4\,\pi^3 +$

$148736\,C_2\,L^5\,b^5\,h^3\,t^4\,\pi^3 + 74368\,C_2\,L^5\,b^6\,h^2\,t^4\,\pi^3 + 2740608\,C_3\,L^5\,b^2\,h^7\,t^3\,\pi^2 + 6394752\,C_3\,L^5\,b^3\,h^6\,t^3\,\pi^2 +$

$9592128\,C_3\,L^5\,b^4\,h^5\,t^3\,\pi^2 + 9592128\,C_3\,L^5\,b^5\,h^4\,t^3\,\pi^2 + 6394752\,C_3\,L^5\,b^6\,h^3\,t^3\,\pi^2 +$

$2740608\,C_3\,L^5\,b^7\,h^2\,t^3\,\pi^2 + 1193808\,C_3\,L^5\,b^2\,h^6\,t^4\,\pi^3 + 2387616\,C_3\,L^5\,b^3\,h^5\,t^4\,\pi^3 +$

$2984520\,C_3\,L^5\,b^4\,h^4\,t^4\,\pi^3 + 2387616\,C_3\,L^5\,b^5\,h^3\,t^4\,\pi^3 + 1193808\,C_3\,L^5\,b^6\,h^2\,t^4\,\pi^3 +$

$156\,C_1\,L^5\,b^8\,r_0{}^2\,t^2\,\pi^3 + 15936\,C_2\,L^5\,b^8\,r_0{}^2\,t^2\,\pi^3 + 255816\,C_3\,L^5\,b^8\,r_0{}^2\,t^2\,\pi^3 + 156\,C_1\,L^5\,h^8\,r_0{}^2\,t^2\,\pi^3 +$

$15936\,C_2\,L^5\,h^8\,r_0{}^2\,t^2\,\pi^3 + 255816\,C_3\,L^5\,h^8\,r_0{}^2\,t^2\,\pi^3 + 2400\,\pi\,C_1\,L^5\,b\,h^9\,t^2 + 2400\,\pi\,C_1\,L^5\,b^9\,h\,t^2 +$

$96000\,\pi\,C_2\,L^5\,b\,h^9\,t^2 + 96000\,\pi\,C_2\,L^5\,b^9\,h\,t^2 + 843840\,\pi\,C_3\,L^5\,b\,h^9\,t^2 + 843840\,\pi\,C_3\,L^5\,b^9\,h\,t^2 +$

$10800\,\pi\,C_1\,L^5\,b^2\,h^8\,t^2 + 28800\,\pi\,C_1\,L^5\,b^3\,h^7\,t^2 + 50400\,\pi\,C_1\,L^5\,b^4\,h^6\,t^2 + 60480\,\pi\,C_1\,L^5\,b^5\,h^5\,t^2 +$

$50400\,\pi\,C_1\,L^5\,b^6\,h^4\,t^2 + 28800\,\pi\,C_1\,L^5\,b^7\,h^3\,t^2 + 10800\,\pi\,C_1\,L^5\,b^8\,h^2\,t^2 + 1008\,C_1\,L^5\,b\,h^8\,t^3\,\pi^2 +$

$1008\,C_1\,L^5\,b^8\,h\,t^3\,\pi^2 + 432000\,\pi\,C_2\,L^5\,b^2\,h^8\,t^2 + 1152000\,\pi\,C_2\,L^5\,b^3\,h^7\,t^2 + 2016000\,\pi\,C_2\,L^5\,b^4\,h^6\,t^2 +$

$2419200\,\pi\,C_2\,L^5\,b^5\,h^5\,t^2 + 2016000\,\pi\,C_2\,L^5\,b^6\,h^4\,t^2 + 1152000\,\pi\,C_2\,L^5\,b^7\,h^3\,t^2 + 432000\,\pi\,C_2\,L^5\,b^8\,h^2\,t^2 +$

$208\,C_1\,L^5\,b\,h^7\,t^4\,\pi^3 + 208\,C_1\,L^5\,b^7\,h\,t^4\,\pi^3 + 59328\,C_2\,L^5\,b\,h^8\,t^3\,\pi^2 + 59328\,C_2\,L^5\,b^8\,h\,t^3\,\pi^2 +$

$3797280\,\pi\,C_3\,L^5\,b^2\,h^8\,t^2 + 10126080\,\pi\,C_3\,L^5\,b^3\,h^7\,t^2 + 17720640\,\pi\,C_3\,L^5\,b^4\,h^6\,t^2 +$

$21264768\,\pi\,C_3\,L^5\,b^5\,h^5\,t^2 + 17720640\,\pi\,C_3\,L^5\,b^6\,h^4\,t^2 + 10126080\,\pi\,C_3\,L^5\,b^7\,h^3\,t^2 +$

$3797280\,\pi\,C_3\,L^5\,b^8\,h^2\,t^2 + 21248\,C_2\,L^5\,b\,h^7\,t^4\,\pi^3 + 21248\,C_2\,L^5\,b^7\,h\,t^4\,\pi^3 + 685152\,C_3\,L^5\,b\,h^8\,t^3\,\pi^2 +$

$685152\,C_3\,L^5\,b^8\,h\,t^3\,\pi^2 + 341088\,C_3\,L^5\,b\,h^7\,t^4\,\pi^3 + 341088\,C_3\,L^5\,b^7\,h\,t^4\,\pi^3 + 21600\,\pi\,C_1\,L^5\,b^2\,h^8\,r_0\,t +$

$57600\,\pi\,C_1\,L^5\,b^3\,h^7\,r_0\,t + 100800\,\pi\,C_1\,L^5\,b^4\,h^6\,r_0\,t + 120960\,\pi\,C_1\,L^5\,b^5\,h^5\,r_0\,t + 100800\,\pi\,C_1\,L^5\,b^6\,h^4\,r_0\,t +$

$57600\,\pi\,C_1\,L^5\,b^7\,h^3\,r_0\,t + 21600\,\pi\,C_1\,L^5\,b^8\,h^2\,r_0\,t + 864000\,\pi\,C_2\,L^5\,b^2\,h^8\,r_0\,t + 2304000\,\pi\,C_2\,L^5\,b^3\,h^7\,r_0\,t +$

$4032000\,\pi\,C_2\,L^5\,b^4\,h^6\,r_0\,t + 4838400\,\pi\,C_2\,L^5\,b^5\,h^5\,r_0\,t + 4032000\,\pi\,C_2\,L^5\,b^6\,h^4\,r_0\,t +$

$2304000\,\pi\,C_2\,L^5\,b^7\,h^3\,r_0\,t + 864000\,\pi\,C_2\,L^5\,b^8\,h^2\,r_0\,t + 7594560\,\pi\,C_3\,L^5\,b^2\,h^8\,r_0\,t +$

$20252160\,\pi\,C_3\,L^5\,b^3\,h^7\,r_0\,t + 35441280\,\pi\,C_3\,L^5\,b^4\,h^6\,r_0\,t + 42529536\,\pi\,C_3\,L^5\,b^5\,h^5\,r_0\,t +$

$35441280\,\pi\,C_3\,L^5\,b^6\,h^4\,r_0\,t + 20252160\,\pi\,C_3\,L^5\,b^7\,h^3\,r_0\,t + 7594560\,\pi\,C_3\,L^5\,b^8\,h^2\,r_0\,t +$

$4368\,C_1\,L^5\,b^2\,h^6\,r_0{}^2\,t^2\,\pi^3 + 8736\,C_1\,L^5\,b^3\,h^5\,r_0{}^2\,t^2\,\pi^3 + 10920\,C_1\,L^5\,b^4\,h^4\,r_0{}^2\,t^2\,\pi^3 +$

$8736\,C_1\,L^5\,b^5\,h^3\,r_0{}^2\,t^2\,\pi^3 + 4368\,C_1\,L^5\,b^6\,h^2\,r_0{}^2\,t^2\,\pi^3 + 446208\,C_2\,L^5\,b^2\,h^6\,r_0{}^2\,t^2\,\pi^3 +$

$892416\,C_2\,L^5\,b^3\,h^5\,r_0{}^2\,t^2\,\pi^3 + 1115520\,C_2\,L^5\,b^4\,h^4\,r_0{}^2\,t^2\,\pi^3 + 892416\,C_2\,L^5\,b^5\,h^3\,r_0{}^2\,t^2\,\pi^3 +$

$446208\,C_2\,L^5\,b^6\,h^2\,r_0{}^2\,t^2\,\pi^3 + 7162848\,C_3\,L^5\,b^2\,h^6\,r_0{}^2\,t^2\,\pi^3 + 14325696\,C_3\,L^5\,b^3\,h^5\,r_0{}^2\,t^2\,\pi^3 +$

$17907120\,C_3\,L^5\,b^4\,h^4\,r_0{}^2\,t^2\,\pi^3 + 14325696\,C_3\,L^5\,b^5\,h^3\,r_0{}^2\,t^2\,\pi^3 + 7162848\,C_3\,L^5\,b^6\,h^2\,r_0{}^2\,t^2\,\pi^3 +$

$3024\,C_1\,L^5\,b\,h^8\,r_0{}^2\,t^2\,\pi^2 + 3024\,C_1\,L^5\,b\,h^8\,r_0{}^2\,t\,\pi^2 + 3024\,C_1\,L^5\,b^8\,h\,r_0\,t^2\,\pi^2 + 3024\,C_1\,L^5\,b^8\,h\,r_0{}^2\,t\,\pi^2 +$

$832\,C_1\,L^5\,b\,h^7\,r_0\,t^3\,\pi^3 + 832\,C_1\,L^5\,b\,h^7\,r_0{}^3\,t\,\pi^3 + 832\,C_1\,L^5\,b^7\,h\,r_0\,t^3\,\pi^3 + 832\,C_1\,L^5\,b^7\,h\,r_0{}^3\,t\,\pi^3 +$

$177984\,C_2\,L^5\,b\,h^8\,r_0\,t^2\,\pi^2 + 177984\,C_2\,L^5\,b\,h^8\,r_0{}^2\,t\,\pi^2 + 177984\,C_2\,L^5\,b^8\,h\,r_0\,t^2\,\pi^2 +$

$177984\,C_2\,L^5\,b^8\,h\,r_0{}^2\,t\,\pi^2 + 84992\,C_2\,L^5\,b\,h^7\,r_0\,t^3\,\pi^3 + 84992\,C_2\,L^5\,b\,h^7\,r_0{}^3\,t\,\pi^3 +$

$84992\,C_2\,L^5\,b^7\,h\,r_0\,t^3\,\pi^3 + 84992\,C_2\,L^5\,b^7\,h\,r_0{}^3\,t\,\pi^3 + 2055456\,C_3\,L^5\,b\,h^8\,r_0\,t^2\,\pi^2 +$

$2055456\,C_3\,L^5\,b\,h^8\,r_0{}^2\,t\,\pi^2 + 2055456\,C_3\,L^5\,b^8\,h\,r_0\,t^2\,\pi^2 + 2055456\,C_3\,L^5\,b^8\,h\,r_0{}^2\,t\,\pi^2 +$

$1364352\,C_3\,L^5\,b\,h^7\,r_0\,t^3\,\pi^3 + 1364352\,C_3\,L^5\,b\,h^7\,r_0{}^3\,t\,\pi^3 + 1364352\,C_3\,L^5\,b^7\,h\,r_0\,t^3\,\pi^3 +$

$1364352\,C_3\,L^5\,b^7\,h\,r_0{}^3\,t\,\pi^3 + 4800\,\pi\,C_1\,L^5\,b\,h^9\,r_0\,t + 4800\,\pi\,C_1\,L^5\,b^9\,h\,r_0\,t + 192000\,\pi\,C_2\,L^5\,b\,h^9\,r_0\,t +$

$192000\,\pi\,C_2\,L^5\,b^9\,h\,r_0\,t + 1687680\,\pi\,C_3\,L^5\,b\,h^9\,r_0\,t + 1687680\,\pi\,C_3\,L^5\,b^9\,h\,r_0\,t + 12096\,C_1\,L^5\,b^2\,h^7\,r_0\,t^2\,\pi^2 +$

$12096\,C_1\,L^5\,b^2\,h^7\,r_0{}^2\,t\,\pi^2 + 28224\,C_1\,L^5\,b^3\,h^6\,r_0\,t^2\,\pi^2 + 28224\,C_1\,L^5\,b^3\,h^6\,r_0{}^2\,t\,\pi^2 +$

$42336\,C_1\,L^5\,b^4\,h^5\,r_0\,t^2\,\pi^2 + 42336\,C_1\,L^5\,b^4\,h^5\,r_0{}^2\,t\,\pi^2 + 42336\,C_1\,L^5\,b^5\,h^4\,r_0\,t^2\,\pi^2 +$

$42336\,C_1\,L^5\,b^5\,h^4\,r_0{}^2\,t\,\pi^2 + 28224\,C_1\,L^5\,b^6\,h^3\,r_0\,t^2\,\pi^2 + 28224\,C_1\,L^5\,b^6\,h^3\,r_0{}^2\,t\,\pi^2 +$

$12096\,C_1\,L^5\,b^7\,h^2\,r_0\,t^2\,\pi^2 + 12096\,C_1\,L^5\,b^7\,h^2\,r_0{}^2\,t\,\pi^2 + 1248\,C_1\,L^5\,b\,h^7\,r_0{}^2\,t^2\,\pi^3 +$

$2912\,C_1\,L^5\,b^2\,h^6\,r_0\,t^3\,\pi^3 + 2912\,C_1\,L^5\,b^2\,h^6\,r_0{}^3\,t\,\pi^3 + 5824\,C_1\,L^5\,b^3\,h^5\,r_0\,t^3\,\pi^3 +$

$5824\,C_1\,L^5\,b^3\,h^5\,r_0{}^3\,t\,\pi^3 + 7280\,C_1\,L^5\,b^4\,h^4\,r_0\,t^3\,\pi^3 + 7280\,C_1\,L^5\,b^4\,h^4\,r_0{}^3\,t\,\pi^3 +$

$5824\,C_1\,L^5\,b^5\,h^3\,r_0\,t^3\,\pi^3 + 5824\,C_1\,L^5\,b^5\,h^3\,r_0{}^3\,t\,\pi^3 + 2912\,C_1\,L^5\,b^6\,h^2\,r_0\,t^3\,\pi^3 +$

$2912\,C_1\,L^5\,b^6\,h^2\,r_0{}^3\,t\,\pi^3 + 1248\,C_1\,L^5\,b^7\,h\,r_0{}^2\,t^2\,\pi^3 + 711936\,C_2\,L^5\,b^2\,h^7\,r_0\,t^2\,\pi^2 +$

$711936\,C_2\,L^5\,b^2\,h^7\,r_0{}^2\,t\,\pi^2 + 1661184\,C_2\,L^5\,b^3\,h^6\,r_0\,t^2\,\pi^2 + 1661184\,C_2\,L^5\,b^3\,h^6\,r_0{}^2\,t\,\pi^2 +$

$2491776\,C_2\,L^5\,b^4\,h^5\,r_0\,t^2\,\pi^2 + 2491776\,C_2\,L^5\,b^4\,h^5\,r_0{}^2\,t\,\pi^2 + 2491776\,C_2\,L^5\,b^5\,h^4\,r_0\,t^2\,\pi^2 +$

$2491776\,C_2\,L^5\,b^5\,h^4\,r_0{}^2\,t\,\pi^2 + 1661184\,C_2\,L^5\,b^6\,h^3\,r_0\,t^2\,\pi^2 + 1661184\,C_2\,L^5\,b^6\,h^3\,r_0{}^2\,t\,\pi^2 +$

$711936\,C_2\,L^5\,b^7\,h^2\,r_0\,t^2\,\pi^2 + 711936\,C_2\,L^5\,b^7\,h^2\,r_0{}^2\,t\,\pi^2 + 127488\,C_2\,L^5\,b\,h^7\,r_0{}^2\,t^2\,\pi^3 +$

$297472\,C_2\,L^5\,b^2\,h^6\,r_0\,t^3\,\pi^3 + 297472\,C_2\,L^5\,b^2\,h^6\,r_0{}^3\,t\,\pi^3 + 594944\,C_2\,L^5\,b^3\,h^5\,r_0\,t^3\,\pi^3 +$

$594944\,C_2\,L^5\,b^3\,h^5\,r_0{}^3\,t\,\pi^3 + 743680\,C_2\,L^5\,b^4\,h^4\,r_0\,t^3\,\pi^3 + 743680\,C_2\,L^5\,b^4\,h^4\,r_0{}^3\,t\,\pi^3 +$

$594944\,C_2\,L^5\,b^5\,h^3\,r_0\,t^3\,\pi^3 + 594944\,C_2\,L^5\,b^5\,h^3\,r_0{}^3\,t\,\pi^3 + 297472\,C_2\,L^5\,b^6\,h^2\,r_0\,t^3\,\pi^3 +$

$297472\,C_2\,L^5\,b^6\,h^2\,r_0{}^3\,t\,\pi^3 + 127488\,C_2\,L^5\,b^7\,h\,r_0{}^2\,t^2\,\pi^3 + 8221824\,C_3\,L^5\,b^2\,h^7\,r_0\,t^2\,\pi^2 +$

$8221824\,C_3\,L^5\,b^2\,h^7\,r_0{}^2\,t\,\pi^2 + 19184256\,C_3\,L^5\,b^3\,h^6\,r_0\,t^2\,\pi^2 + 19184256\,C_3\,L^5\,b^3\,h^6\,r_0{}^2\,t\,\pi^2 +$

$28776384\,C_3\,L^5\,b^4\,h^5\,r_0\,t^2\,\pi^2 + 28776384\,C_3\,L^5\,b^4\,h^5\,r_0{}^2\,t\,\pi^2 + 28776384\,C_3\,L^5\,b^5\,h^4\,r_0\,t^2\,\pi^2 +$

$28776384\,C_3\,L^5\,b^5\,h^4\,r_0{}^2\,t\,\pi^2 + 19184256\,C_3\,L^5\,b^6\,h^3\,r_0\,t^2\,\pi^2 + 19184256\,C_3\,L^5\,b^6\,h^3\,r_0{}^2\,t\,\pi^2 +$

$8221824\,C_3\,L^5\,b^7\,h^2\,r_0\,t^2\,\pi^2 + 8221824\,C_3\,L^5\,b^7\,h^2\,r_0{}^2\,t\,\pi^2 + 2046528\,C_3\,L^5\,b\,h^7\,r_0{}^2\,t^2\,\pi^3 +$

$$4775232\,C_3\,L^5\,b^2\,h^6\,r_0\,t^3\,\pi^3 + 4775232\,C_3\,L^5\,b^2\,h^6\,r_0^3\,t\,\pi^3 + 9550464\,C_3\,L^5\,b^3\,h^5\,r_0\,t^3\,\pi^3 +$$
$$9550464\,C_3\,L^5\,b^3\,h^5\,r_0^3\,t\,\pi^3 + 11938080\,C_3\,L^5\,b^4\,h^4\,r_0\,t^3\,\pi^3 + 11938080\,C_3\,L^5\,b^4\,h^4\,r_0^3\,t\,\pi^3 +$$
$$9550464\,C_3\,L^5\,b^5\,h^3\,r_0\,t^3\,\pi^3 + 9550464\,C_3\,L^5\,b^5\,h^3\,r_0^3\,t\,\pi^3 + 4775232\,C_3\,L^5\,b^6\,h^2\,r_0\,t^3\,\pi^3 +$$
$$4775232\,C_3\,L^5\,b^6\,h^2\,r_0^3\,t\,\pi^3 + 2046528\,C_3\,L^5\,b^7\,h\,r_0^2\,t^2\,\pi^3$$

$$a_{t,8} = 1080\,\pi\,C_1\,L^6\,b^9\,t^2 + 19440\,\pi\,C_2\,L^6\,b^9\,t^2 + 89856\,\pi\,C_3\,L^6\,b^9\,t^2 + 1080\,\pi\,C_1\,L^6\,h^9\,t^2 +$$
$$19440\,\pi\,C_2\,L^6\,h^9\,t^2 + 89856\,\pi\,C_3\,L^6\,h^9\,t^2 + 468\,C_1\,L^6\,b^8\,t^3\,\pi^2 + 100\,C_1\,L^6\,b^7\,t^4\,\pi^3 +$$
$$12648\,C_2\,L^6\,b^8\,t^3\,\pi^2 + 4760\,C_2\,L^6\,b^7\,t^4\,\pi^3 + 79488\,C_3\,L^6\,b^8\,t^3\,\pi^2 + 43008\,C_3\,L^6\,b^7\,t^4\,\pi^3 +$$
$$468\,C_1\,L^6\,h^8\,t^3\,\pi^2 + 100\,C_1\,L^6\,h^7\,t^4\,\pi^3 + 12648\,C_2\,L^6\,h^8\,t^3\,\pi^2 + 4760\,C_2\,L^6\,h^7\,t^4\,\pi^3 +$$
$$79488\,C_3\,L^6\,h^8\,t^3\,\pi^2 + 43008\,C_3\,L^6\,h^7\,t^4\,\pi^3 + 1404\,C_1\,L^6\,b^8\,r_0\,t^2\,\pi^2 + 1404\,C_1\,L^6\,b^8\,r_0^2\,t\,\pi^2 +$$
$$400\,C_1\,L^6\,b^7\,r_0\,t^3\,\pi^3 + 400\,C_1\,L^6\,b^7\,r_0^3\,t\,\pi^3 + 37944\,C_2\,L^6\,b^8\,r_0\,t^2\,\pi^2 + 37944\,C_2\,L^6\,b^8\,r_0^2\,t\,\pi^2 +$$
$$19040\,C_2\,L^6\,b^7\,r_0\,t^3\,\pi^3 + 19040\,C_2\,L^6\,b^7\,r_0^3\,t\,\pi^3 + 238464\,C_3\,L^6\,b^8\,r_0\,t^2\,\pi^2 + 238464\,C_3\,L^6\,b^8\,r_0^2\,t\,\pi^2 +$$
$$172032\,C_3\,L^6\,b^7\,r_0\,t^3\,\pi^3 + 172032\,C_3\,L^6\,b^7\,r_0^3\,t\,\pi^3 + 1404\,C_1\,L^6\,h^8\,r_0\,t^2\,\pi^2 + 1404\,C_1\,L^6\,h^8\,r_0^2\,t\,\pi^2 +$$
$$400\,C_1\,L^6\,h^7\,r_0\,t^3\,\pi^3 + 400\,C_1\,L^6\,h^7\,r_0^3\,t\,\pi^3 + 37944\,C_2\,L^6\,h^8\,r_0\,t^2\,\pi^2 + 37944\,C_2\,L^6\,h^8\,r_0^2\,t\,\pi^2 +$$
$$19040\,C_2\,L^6\,h^7\,r_0\,t^3\,\pi^3 + 19040\,C_2\,L^6\,h^7\,r_0^3\,t\,\pi^3 + 238464\,C_3\,L^6\,h^8\,r_0\,t^2\,\pi^2 + 238464\,C_3\,L^6\,h^8\,r_0^2\,t\,\pi^2 +$$
$$172032\,C_3\,L^6\,h^7\,r_0\,t^3\,\pi^3 + 172032\,C_3\,L^6\,h^7\,r_0^3\,t\,\pi^3 + 2160\,\pi\,C_1\,L^6\,b^9\,r_0\,t + 38880\,\pi\,C_2\,L^6\,b^9\,r_0\,t +$$
$$179712\,\pi\,C_3\,L^6\,b^9\,r_0\,t + 2160\,\pi\,C_1\,L^6\,h^9\,r_0\,t + 38880\,\pi\,C_2\,L^6\,h^9\,r_0\,t + 179712\,\pi\,C_3\,L^6\,h^9\,r_0\,t +$$
$$13104\,C_1\,L^6\,b^2\,h^6\,t^3\,\pi^2 + 26208\,C_1\,L^6\,b^3\,h^5\,t^3\,\pi^2 + 32760\,C_1\,L^6\,b^4\,h^4\,t^3\,\pi^2 + 26208\,C_1\,L^6\,b^5\,h^3\,t^3\,\pi^2 +$$
$$13104\,C_1\,L^6\,b^6\,h^2\,t^3\,\pi^2 + 2100\,C_1\,L^6\,b^2\,h^5\,t^4\,\pi^3 + 3500\,C_1\,L^6\,b^3\,h^4\,t^4\,\pi^3 + 3500\,C_1\,L^6\,b^4\,h^3\,t^4\,\pi^3 +$$
$$2100\,C_1\,L^6\,b^5\,h^2\,t^4\,\pi^3 + 354144\,C_2\,L^6\,b^2\,h^6\,t^3\,\pi^2 + 708288\,C_2\,L^6\,b^3\,h^5\,t^3\,\pi^2 + 885360\,C_2\,L^6\,b^4\,h^4\,t^3\,\pi^2 +$$
$$708288\,C_2\,L^6\,b^5\,h^3\,t^3\,\pi^2 + 354144\,C_2\,L^6\,b^6\,h^2\,t^3\,\pi^2 + 99960\,C_2\,L^6\,b^2\,h^5\,t^4\,\pi^3 + 166600\,C_2\,L^6\,b^3\,h^4\,t^4\,\pi^3 +$$
$$166600\,C_2\,L^6\,b^4\,h^3\,t^4\,\pi^3 + 99960\,C_2\,L^6\,b^5\,h^2\,t^4\,\pi^3 + 2225664\,C_3\,L^6\,b^2\,h^6\,t^3\,\pi^2 + 4451328\,C_3\,L^6\,b^3\,h^5\,t^3\,\pi^2 +$$
$$5564160\,C_3\,L^6\,b^4\,h^4\,t^3\,\pi^2 + 4451328\,C_3\,L^6\,b^5\,h^3\,t^3\,\pi^2 + 2225664\,C_3\,L^6\,b^6\,h^2\,t^3\,\pi^2 +$$
$$903168\,C_3\,L^6\,b^2\,h^5\,t^4\,\pi^3 + 1505280\,C_3\,L^6\,b^3\,h^4\,t^4\,\pi^3 + 1505280\,C_3\,L^6\,b^4\,h^3\,t^4\,\pi^3 +$$
$$903168\,C_3\,L^6\,b^5\,h^2\,t^4\,\pi^3 + 600\,C_1\,L^6\,b^7\,r_0^2\,t^2\,\pi^3 + 28560\,C_2\,L^6\,b^7\,r_0^2\,t^2\,\pi^3 + 258048\,C_3\,L^6\,b^7\,r_0^2\,t^2\,\pi^3 +$$
$$600\,C_1\,L^6\,h^7\,r_0^2\,t^2\,\pi^3 + 28560\,C_2\,L^6\,h^7\,r_0^2\,t^2\,\pi^3 + 258048\,C_3\,L^6\,h^7\,r_0^2\,t^2\,\pi^3 + 9720\,\pi\,C_1\,L^6\,b\,h^8\,t^2 +$$
$$9720\,\pi\,C_1\,L^6\,b^8\,h\,t^2 + 174960\,\pi\,C_2\,L^6\,b\,h^8\,t^2 + 174960\,\pi\,C_2\,L^6\,b^8\,h\,t^2 + 808704\,\pi\,C_3\,L^6\,b\,h^8\,t^2 +$$
$$808704\,\pi\,C_3\,L^6\,b^8\,h\,t^2 + 38880\,\pi\,C_1\,L^6\,b^2\,h^7\,t^2 + 90720\,\pi\,C_1\,L^6\,b^3\,h^6\,t^2 + 136080\,\pi\,C_1\,L^6\,b^4\,h^5\,t^2 +$$
$$136080\,\pi\,C_1\,L^6\,b^5\,h^4\,t^2 + 90720\,\pi\,C_1\,L^6\,b^6\,h^3\,t^2 + 38880\,\pi\,C_1\,L^6\,b^7\,h^2\,t^2 + 3744\,C_1\,L^6\,b\,h^7\,t^3\,\pi^2 +$$
$$3744\,C_1\,L^6\,b^7\,h\,t^3\,\pi^2 + 699840\,\pi\,C_2\,L^6\,b^2\,h^7\,t^2 + 1632960\,\pi\,C_2\,L^6\,b^3\,h^6\,t^2 + 2449440\,\pi\,C_2\,L^6\,b^4\,h^5\,t^2 +$$
$$2449440\,\pi\,C_2\,L^6\,b^5\,h^4\,t^2 + 1632960\,\pi\,C_2\,L^6\,b^6\,h^3\,t^2 + 699840\,\pi\,C_2\,L^6\,b^7\,h^2\,t^2 + 700\,C_1\,L^6\,b\,h^6\,t^4\,\pi^3 +$$
$$700\,C_1\,L^6\,b^6\,h\,t^4\,\pi^3 + 101184\,C_2\,L^6\,b\,h^7\,t^3\,\pi^2 + 101184\,C_2\,L^6\,b^7\,h\,t^3\,\pi^2 + 3234816\,\pi\,C_3\,L^6\,b^2\,h^7\,t^2 +$$
$$7547904\,\pi\,C_3\,L^6\,b^3\,h^6\,t^2 + 11321856\,\pi\,C_3\,L^6\,b^4\,h^5\,t^2 + 11321856\,\pi\,C_3\,L^6\,b^5\,h^4\,t^2 +$$
$$7547904\,\pi\,C_3\,L^6\,b^6\,h^3\,t^2 + 3234816\,\pi\,C_3\,L^6\,b^7\,h^2\,t^2 + 33320\,C_2\,L^6\,b\,h^6\,t^4\,\pi^3 + 33320\,C_2\,L^6\,b^6\,h\,t^4\,\pi^3 +$$
$$635904\,C_3\,L^6\,b\,h^7\,t^3\,\pi^2 + 635904\,C_3\,L^6\,b^7\,h\,t^3\,\pi^2 + 301056\,C_3\,L^6\,b\,h^6\,t^4\,\pi^3 + 301056\,C_3\,L^6\,b^6\,h\,t^4\,\pi^3 +$$
$$77760\,\pi\,C_1\,L^6\,b^2\,h^7\,r_0\,t + 181440\,\pi\,C_1\,L^6\,b^3\,h^6\,r_0\,t + 272160\,\pi\,C_1\,L^6\,b^4\,h^5\,r_0\,t + 272160\,\pi\,C_1\,L^6\,b^5\,h^4\,r_0\,t +$$
$$181440\,\pi\,C_1\,L^6\,b^6\,h^3\,r_0\,t + 77760\,\pi\,C_1\,L^6\,b^7\,h^2\,r_0\,t + 1399680\,\pi\,C_2\,L^6\,b^2\,h^7\,r_0\,t +$$
$$3265920\,\pi\,C_2\,L^6\,b^3\,h^6\,r_0\,t + 4898880\,\pi\,C_2\,L^6\,b^4\,h^5\,r_0\,t + 4898880\,\pi\,C_2\,L^6\,b^5\,h^4\,r_0\,t +$$
$$3265920\,\pi\,C_2\,L^6\,b^6\,h^3\,r_0\,t + 1399680\,\pi\,C_2\,L^6\,b^7\,h^2\,r_0\,t + 6469632\,\pi\,C_3\,L^6\,b^2\,h^7\,r_0\,t +$$
$$15095808\,\pi\,C_3\,L^6\,b^3\,h^6\,r_0\,t + 22643712\,\pi\,C_3\,L^6\,b^4\,h^5\,r_0\,t + 22643712\,\pi\,C_3\,L^6\,b^5\,h^4\,r_0\,t +$$
$$15095808\,\pi\,C_3\,L^6\,b^6\,h^3\,r_0\,t + 6469632\,\pi\,C_3\,L^6\,b^7\,h^2\,r_0\,t + 12600\,C_1\,L^6\,b^2\,h^5\,r_0^2\,t^2\,\pi^3 +$$
$$21000\,C_1\,L^6\,b^3\,h^4\,r_0^2\,t^2\,\pi^3 + 21000\,C_1\,L^6\,b^4\,h^3\,r_0^2\,t^2\,\pi^3 + 12600\,C_1\,L^6\,b^5\,h^2\,r_0^2\,t^2\,\pi^3 +$$
$$599760\,C_2\,L^6\,b^2\,h^5\,r_0^2\,t^2\,\pi^3 + 999600\,C_2\,L^6\,b^3\,h^4\,r_0^2\,t^2\,\pi^3 + 999600\,C_2\,L^6\,b^4\,h^3\,r_0^2\,t^2\,\pi^3 +$$
$$599760\,C_2\,L^6\,b^5\,h^2\,r_0^2\,t^2\,\pi^3 + 5419008\,C_3\,L^6\,b^2\,h^5\,r_0^2\,t^2\,\pi^3 + 9031680\,C_3\,L^6\,b^3\,h^4\,r_0^2\,t^2\,\pi^3 +$$
$$9031680\,C_3\,L^6\,b^4\,h^3\,r_0^2\,t^2\,\pi^3 + 5419008\,C_3\,L^6\,b^5\,h^2\,r_0^2\,t^2\,\pi^3 + 11232\,C_1\,L^6\,b\,h^7\,r_0\,t^2\,\pi^2 +$$
$$11232\,C_1\,L^6\,b\,h^7\,r_0^2\,t\,\pi^2 + 11232\,C_1\,L^6\,b^7\,h\,r_0\,t^2\,\pi^2 + 11232\,C_1\,L^6\,b^7\,h\,r_0^2\,t\,\pi^2 +$$

$2800\,C_1\,L^6\,b\,h^6\,r_0\,t^3\,\pi^3 + 2800\,C_1\,L^6\,b\,h^6\,r_0{}^3\,t\,\pi^3 + 2800\,C_1\,L^6\,b^6\,h\,r_0\,t^3\,\pi^3 + 2800\,C_1\,L^6\,b^6\,h\,r_0{}^3\,t\,\pi^3 +$
$303552\,C_2\,L^6\,b\,h^7\,r_0\,t^2\,\pi^2 + 303552\,C_2\,L^6\,b\,h^7\,r_0{}^2\,t\,\pi^2 + 303552\,C_2\,L^6\,b^7\,h\,r_0\,t^2\,\pi^2 +$
$303552\,C_2\,L^6\,b^7\,h\,r_0{}^2\,t\,\pi^2 + 133280\,C_2\,L^6\,b\,h^6\,r_0\,t^3\,\pi^3 + 133280\,C_2\,L^6\,b\,h^6\,r_0{}^3\,t\,\pi^3 +$
$133280\,C_2\,L^6\,b^6\,h\,r_0\,t^3\,\pi^3 + 133280\,C_2\,L^6\,b^6\,h\,r_0{}^3\,t\,\pi^3 + 1907712\,C_3\,L^6\,b\,h^7\,r_0\,t^2\,\pi^2 +$
$1907712\,C_3\,L^6\,b\,h^7\,r_0{}^2\,t\,\pi^2 + 1907712\,C_3\,L^6\,b^7\,h\,r_0\,t^2\,\pi^2 + 1907712\,C_3\,L^6\,b^7\,h\,r_0{}^2\,t\,\pi^2 +$
$1204224\,C_3\,L^6\,b\,h^6\,r_0\,t^3\,\pi^3 + 1204224\,C_3\,L^6\,b\,h^6\,r_0{}^3\,t\,\pi^3 + 1204224\,C_3\,L^6\,b^6\,h\,r_0\,t^3\,\pi^3 +$
$1204224\,C_3\,L^6\,b^6\,h\,r_0{}^3\,t\,\pi^3 + 19440\,\pi\,C_1\,L^6\,b\,h^8\,r_0\,t + 19440\,\pi\,C_1\,L^6\,b^8\,h\,r_0\,t + 349920\,\pi\,C_2\,L^6\,b\,h^8\,r_0\,t +$
$349920\,\pi\,C_2\,L^6\,b^8\,h\,r_0\,t + 1617408\,\pi\,C_3\,L^6\,b\,h^8\,r_0\,t + 1617408\,\pi\,C_3\,L^6\,b^8\,h\,r_0\,t + 39312\,C_1\,L^6\,b^2\,h^6\,r_0\,t^2\,\pi^2 +$
$39312\,C_1\,L^6\,b^2\,h^6\,r_0{}^2\,t\,\pi^2 + 78624\,C_1\,L^6\,b^3\,h^5\,r_0\,t^2\,\pi^2 + 78624\,C_1\,L^6\,b^3\,h^5\,r_0{}^2\,t\,\pi^2 +$
$98280\,C_1\,L^6\,b^4\,h^4\,r_0\,t^2\,\pi^2 + 98280\,C_1\,L^6\,b^4\,h^4\,r_0{}^2\,t\,\pi^2 + 78624\,C_1\,L^6\,b^5\,h^3\,r_0\,t^2\,\pi^2 +$
$78624\,C_1\,L^6\,b^5\,h^3\,r_0{}^2\,t\,\pi^2 + 39312\,C_1\,L^6\,b^6\,h^2\,r_0\,t^2\,\pi^2 + 39312\,C_1\,L^6\,b^6\,h^2\,r_0{}^2\,t\,\pi^2 +$
$4200\,C_1\,L^6\,b\,h^6\,r_0{}^2\,t^2\,\pi^3 \; + \; 8400\,C_1\,L^6\,b^2\,h^5\,r_0\,t^3\,\pi^3 \; + \; 8400\,C_1\,L^6\,b^2\,h^5\,r_0{}^3\,t\,\pi^3 \; +$
$14000\,C_1\,L^6\,b^3\,h^4\,r_0\,t^3\,\pi^3 + 14000\,C_1\,L^6\,b^3\,h^4\,r_0{}^3\,t\,\pi^3 + 14000\,C_1\,L^6\,b^4\,h^3\,r_0\,t^3\,\pi^3 +$
$14000\,C_1\,L^6\,b^4\,h^3\,r_0{}^3\,t\,\pi^3 \; + \; 8400\,C_1\,L^6\,b^5\,h^2\,r_0\,t^3\,\pi^3 \; + \; 8400\,C_1\,L^6\,b^5\,h^2\,r_0{}^3\,t\,\pi^3 \; +$
$4200\,C_1\,L^6\,b^6\,h\,r_0{}^2\,t^2\,\pi^3 + 1062432\,C_2\,L^6\,b^2\,h^6\,r_0\,t^2\,\pi^2 + 1062432\,C_2\,L^6\,b^2\,h^6\,r_0{}^2\,t\,\pi^2 +$
$2124864\,C_2\,L^6\,b^3\,h^5\,r_0\,t^2\,\pi^2 + 2124864\,C_2\,L^6\,b^3\,h^5\,r_0{}^2\,t\,\pi^2 + 2656080\,C_2\,L^6\,b^4\,h^4\,r_0\,t^2\,\pi^2 +$
$2656080\,C_2\,L^6\,b^4\,h^4\,r_0{}^2\,t\,\pi^2 + 2124864\,C_2\,L^6\,b^5\,h^3\,r_0\,t^2\,\pi^2 + 2124864\,C_2\,L^6\,b^5\,h^3\,r_0{}^2\,t\,\pi^2 +$
$1062432\,C_2\,L^6\,b^6\,h^2\,r_0\,t^2\,\pi^2 + 1062432\,C_2\,L^6\,b^6\,h^2\,r_0{}^2\,t\,\pi^2 + 199920\,C_2\,L^6\,b\,h^6\,r_0{}^2\,t^2\,\pi^3 +$
$399840\,C_2\,L^6\,b^2\,h^5\,r_0\,t^3\,\pi^3 + 399840\,C_2\,L^6\,b^2\,h^5\,r_0{}^3\,t\,\pi^3 + 666400\,C_2\,L^6\,b^3\,h^4\,r_0\,t^3\,\pi^3 +$
$666400\,C_2\,L^6\,b^3\,h^4\,r_0{}^3\,t\,\pi^3 + 666400\,C_2\,L^6\,b^4\,h^3\,r_0\,t^3\,\pi^3 + 666400\,C_2\,L^6\,b^4\,h^3\,r_0{}^3\,t\,\pi^3 +$
$399840\,C_2\,L^6\,b^5\,h^2\,r_0\,t^3\,\pi^3 + 399840\,C_2\,L^6\,b^5\,h^2\,r_0{}^3\,t\,\pi^3 + 199920\,C_2\,L^6\,b^6\,h\,r_0{}^2\,t^2\,\pi^3 +$
$6676992\,C_3\,L^6\,b^2\,h^6\,r_0\,t^2\,\pi^2 + 6676992\,C_3\,L^6\,b^2\,h^6\,r_0{}^2\,t\,\pi^2 + 13353984\,C_3\,L^6\,b^3\,h^5\,r_0\,t^2\,\pi^2 +$
$13353984\,C_3\,L^6\,b^3\,h^5\,r_0{}^2\,t\,\pi^2 + 16692480\,C_3\,L^6\,b^4\,h^4\,r_0\,t^2\,\pi^2 + 16692480\,C_3\,L^6\,b^4\,h^4\,r_0{}^2\,t\,\pi^2 +$
$13353984\,C_3\,L^6\,b^5\,h^3\,r_0\,t^2\,\pi^2 + 13353984\,C_3\,L^6\,b^5\,h^3\,r_0{}^2\,t\,\pi^2 + 6676992\,C_3\,L^6\,b^6\,h^2\,r_0\,t^2\,\pi^2 +$
$6676992\,C_3\,L^6\,b^6\,h^2\,r_0{}^2\,t\,\pi^2 + 1806336\,C_3\,L^6\,b\,h^6\,r_0{}^2\,t^2\,\pi^3 + 3612672\,C_3\,L^6\,b^2\,h^5\,r_0\,t^3\,\pi^3 +$
$3612672\,C_3\,L^6\,b^2\,h^5\,r_0{}^3\,t\,\pi^3 + 6021120\,C_3\,L^6\,b^3\,h^4\,r_0\,t^3\,\pi^3 + 6021120\,C_3\,L^6\,b^3\,h^4\,r_0{}^3\,t\,\pi^3 +$
$6021120\,C_3\,L^6\,b^4\,h^3\,r_0\,t^3\,\pi^3 + 6021120\,C_3\,L^6\,b^4\,h^3\,r_0{}^3\,t\,\pi^3 + 3612672\,C_3\,L^6\,b^5\,h^2\,r_0\,t^3\,\pi^3 +$
$3612672\,C_3\,L^6\,b^5\,h^2\,r_0{}^3\,t\,\pi^3 \; + \; 1806336\,C_3\,L^6\,b^6\,h\,r_0{}^2\,t^2\,\pi^3$

$a_{t,7} = 2880\,\pi\,C_1\,L^7\,b^8\,t^2 + 26496\,\pi\,C_2\,L^7\,b^8\,t^2 + 62208\,\pi\,C_3\,L^7\,b^8\,t^2 + 2880\,\pi\,C_1\,L^7\,h^8\,t^2 +$
$26496\,\pi\,C_2\,L^7\,h^8\,t^2 + 62208\,\pi\,C_3\,L^7\,h^8\,t^2 + 1152\,C_1\,L^7\,b^7\,t^3\,\pi^2 + 224\,C_1\,L^7\,b^6\,t^4\,\pi^3 +$
$16512\,C_2\,L^7\,b^7\,t^3\,\pi^2 + 5824\,C_2\,L^7\,b^6\,t^4\,\pi^3 + 55296\,C_3\,L^7\,b^7\,t^3\,\pi^2 + 29568\,C_3\,L^7\,b^6\,t^4\,\pi^3 +$
$1152\,C_1\,L^7\,h^7\,t^3\,\pi^2 + 224\,C_1\,L^7\,h^6\,t^4\,\pi^3 + 16512\,C_2\,L^7\,h^7\,t^3\,\pi^2 + 5824\,C_2\,L^7\,h^6\,t^4\,\pi^3 +$
$55296\,C_3\,L^7\,h^7\,t^3\,\pi^2 + 29568\,C_3\,L^7\,h^6\,t^4\,\pi^3 + 3456\,C_1\,L^7\,b^7\,r_0\,t^2\,\pi^2 + 3456\,C_1\,L^7\,b^7\,r_0{}^2\,t\,\pi^2 +$
$896\,C_1\,L^7\,b^6\,r_0\,t^3\,\pi^3 + 896\,C_1\,L^7\,b^6\,r_0{}^3\,t\,\pi^3 + 49536\,C_2\,L^7\,b^7\,r_0\,t^2\,\pi^2 + 49536\,C_2\,L^7\,b^7\,r_0{}^2\,t\,\pi^2 +$
$23296\,C_2\,L^7\,b^6\,r_0\,t^3\,\pi^3 + 23296\,C_2\,L^7\,b^6\,r_0{}^3\,t\,\pi^3 + 165888\,C_3\,L^7\,b^7\,r_0\,t^2\,\pi^2 + 165888\,C_3\,L^7\,b^7\,r_0{}^2\,t\,\pi^2 +$
$118272\,C_3\,L^7\,b^6\,r_0\,t^3\,\pi^3 + 118272\,C_3\,L^7\,b^6\,r_0{}^3\,t\,\pi^3 + 3456\,C_1\,L^7\,h^7\,r_0\,t^2\,\pi^2 + 3456\,C_1\,L^7\,h^7\,r_0{}^2\,t\,\pi^2 +$
$896\,C_1\,L^7\,h^6\,r_0\,t^3\,\pi^3 + 896\,C_1\,L^7\,h^6\,r_0{}^3\,t\,\pi^3 + 49536\,C_2\,L^7\,h^7\,r_0\,t^2\,\pi^2 + 49536\,C_2\,L^7\,h^7\,r_0{}^2\,t\,\pi^2 +$
$23296\,C_2\,L^7\,h^6\,r_0\,t^3\,\pi^3 + 23296\,C_2\,L^7\,h^6\,r_0{}^3\,t\,\pi^3 + 165888\,C_3\,L^7\,h^7\,r_0\,t^2\,\pi^2 + 165888\,C_3\,L^7\,h^7\,r_0{}^2\,t\,\pi^2 +$
$118272\,C_3\,L^7\,h^6\,r_0\,t^3\,\pi^3 + 118272\,C_3\,L^7\,h^6\,r_0{}^3\,t\,\pi^3 + 5760\,\pi\,C_1\,L^7\,b^8\,r_0\,t + 52992\,\pi\,C_2\,L^7\,b^8\,r_0\,t +$
$124416\,\pi\,C_3\,L^7\,b^8\,r_0\,t + 5760\,\pi\,C_1\,L^7\,h^8\,r_0\,t + 52992\,\pi\,C_2\,L^7\,h^8\,r_0\,t + 124416\,\pi\,C_3\,L^7\,h^8\,r_0\,t +$
$24192\,C_1\,L^7\,b^2\,h^5\,t^3\,\pi^2 + 40320\,C_1\,L^7\,b^3\,h^4\,t^3\,\pi^2 + 40320\,C_1\,L^7\,b^4\,h^3\,t^3\,\pi^2 + 24192\,C_1\,L^7\,b^5\,h^2\,t^3\,\pi^2 +$
$3360\,C_1\,L^7\,b^2\,h^4\,t^4\,\pi^3 + 4480\,C_1\,L^7\,b^3\,h^3\,t^4\,\pi^3 + 3360\,C_1\,L^7\,b^4\,h^2\,t^4\,\pi^3 + 346752\,C_2\,L^7\,b^2\,h^5\,t^3\,\pi^2 +$
$577920\,C_2\,L^7\,b^3\,h^4\,t^3\,\pi^2 + 577920\,C_2\,L^7\,b^4\,h^3\,t^3\,\pi^2 + 346752\,C_2\,L^7\,b^5\,h^2\,t^3\,\pi^2 + 87360\,C_2\,L^7\,b^2\,h^4\,t^4\,\pi^3 +$
$116480\,C_2\,L^7\,b^3\,h^3\,t^4\,\pi^3 + 87360\,C_2\,L^7\,b^4\,h^2\,t^4\,\pi^3 + 1161216\,C_3\,L^7\,b^2\,h^5\,t^3\,\pi^2 + 1935360\,C_3\,L^7\,b^3\,h^4\,t^3\,\pi^2 +$
$1935360\,C_3\,L^7\,b^4\,h^3\,t^3\,\pi^2 + 1161216\,C_3\,L^7\,b^5\,h^2\,t^3\,\pi^2 + 443520\,C_3\,L^7\,b^2\,h^4\,t^4\,\pi^3 \; +$

$591360\,C_3\,L^7\,b^3\,h^3\,t^4\,\pi^3 + 443520\,C_3\,L^7\,b^4\,h^2\,t^4\,\pi^3 + 1344\,C_1\,L^7\,b^6\,r_0{}^2\,t^2\,\pi^3 + 34944\,C_2\,L^7\,b^6\,r_0{}^2\,t^2\,\pi^3 +$

$177408\,C_3\,L^7\,b^6\,r_0{}^2\,t^2\,\pi^3 + 1344\,C_1\,L^7\,h^6\,r_0{}^2\,t^2\,\pi^3 + 34944\,C_2\,L^7\,h^6\,r_0{}^2\,t^2\,\pi^3 + 177408\,C_3\,L^7\,h^6\,r_0{}^2\,t^2\,\pi^3 +$

$23040\,\pi\,C_1\,L^7\,b\,h^7\,t^2 + 23040\,\pi\,C_1\,L^7\,b^7\,h\,t^2 + 211968\,\pi\,C_2\,L^7\,b\,h^7\,t^2 + 211968\,\pi\,C_2\,L^7\,b^7\,h\,t^2 +$

$497664\,\pi\,C_3\,L^7\,b\,h^7\,t^2 + 497664\,\pi\,C_3\,L^7\,b^7\,h\,t^2 + 80640\,\pi\,C_1\,L^7\,b^2\,h^6\,t^2 + 161280\,\pi\,C_1\,L^7\,b^3\,h^5\,t^2 +$

$201600\,\pi\,C_1\,L^7\,b^4\,h^4\,t^2 + 161280\,\pi\,C_1\,L^7\,b^5\,h^3\,t^2 + 80640\,\pi\,C_1\,L^7\,b^6\,h^2\,t^2 + 8064\,C_1\,L^7\,b\,h^6\,t^3\,\pi^2 +$

$8064\,C_1\,L^7\,b^6\,h\,t^3\,\pi^2 + 741888\,\pi\,C_2\,L^7\,b^2\,h^6\,t^2 + 1483776\,\pi\,C_2\,L^7\,b^3\,h^5\,t^2 + 1854720\,\pi\,C_2\,L^7\,b^4\,h^4\,t^2 +$

$1483776\,\pi\,C_2\,L^7\,b^5\,h^3\,t^2 + 741888\,\pi\,C_2\,L^7\,b^6\,h^2\,t^2 + 1344\,C_1\,L^7\,b\,h^5\,t^4\,\pi^3 + 1344\,C_1\,L^7\,b^5\,h\,t^4\,\pi^3 +$

$115584\,C_2\,L^7\,b\,h^6\,t^3\,\pi^2 + 115584\,C_2\,L^7\,b^6\,h\,t^3\,\pi^2 + 1741824\,\pi\,C_3\,L^7\,b^2\,h^6\,t^2 + 3483648\,\pi\,C_3\,L^7\,b^3\,h^5\,t^2 +$

$4354560\,\pi\,C_3\,L^7\,b^4\,h^4\,t^2 + 3483648\,\pi\,C_3\,L^7\,b^5\,h^3\,t^2 + 1741824\,\pi\,C_3\,L^7\,b^6\,h^2\,t^2 + 34944\,C_2\,L^7\,b\,h^5\,t^4\,\pi^3 +$

$34944\,C_2\,L^7\,b^5\,h\,t^4\,\pi^3 + 387072\,C_3\,L^7\,b\,h^6\,t^3\,\pi^2 + 387072\,C_3\,L^7\,b^6\,h\,t^3\,\pi^2 + 177408\,C_3\,L^7\,b\,h^5\,t^4\,\pi^3 +$

$177408\,C_3\,L^7\,b^5\,h\,t^4\,\pi^3 + 161280\,\pi\,C_1\,L^7\,b^2\,h^6\,r_0\,t + 322560\,\pi\,C_1\,L^7\,b^3\,h^5\,r_0\,t + 403200\,\pi\,C_1\,L^7\,b^4\,h^4\,r_0\,t +$

$322560\,\pi\,C_1\,L^7\,b^5\,h^3\,r_0\,t + 161280\,\pi\,C_1\,L^7\,b^6\,h^2\,r_0\,t + 1483776\,\pi\,C_2\,L^7\,b^2\,h^6\,r_0\,t +$

$2967552\,\pi\,C_2\,L^7\,b^3\,h^5\,r_0\,t + 3709440\,\pi\,C_2\,L^7\,b^4\,h^4\,r_0\,t + 2967552\,\pi\,C_2\,L^7\,b^5\,h^3\,r_0\,t +$

$1483776\,\pi\,C_2\,L^7\,b^6\,h^2\,r_0\,t + 3483648\,\pi\,C_3\,L^7\,b^2\,h^6\,r_0\,t + 6967296\,\pi\,C_3\,L^7\,b^3\,h^5\,r_0\,t +$

$8709120\,\pi\,C_3\,L^7\,b^4\,h^4\,r_0\,t + 6967296\,\pi\,C_3\,L^7\,b^5\,h^3\,r_0\,t + 3483648\,\pi\,C_3\,L^7\,b^6\,h^2\,r_0\,t +$

$20160\,C_1\,L^7\,b^2\,h^4\,r_0{}^2\,t^2\,\pi^3 + 26880\,C_1\,L^7\,b^3\,h^3\,r_0{}^2\,t^2\,\pi^3 + 20160\,C_1\,L^7\,b^4\,h^2\,r_0{}^2\,t^2\,\pi^3 +$

$524160\,C_2\,L^7\,b^2\,h^4\,r_0{}^2\,t^2\,\pi^3 + 698880\,C_2\,L^7\,b^3\,h^3\,r_0{}^2\,t^2\,\pi^3 + 524160\,C_2\,L^7\,b^4\,h^2\,r_0{}^2\,t^2\,\pi^3 +$

$2661120\,C_3\,L^7\,b^2\,h^4\,r_0{}^2\,t^2\,\pi^3 + 3548160\,C_3\,L^7\,b^3\,h^3\,r_0{}^2\,t^2\,\pi^3 + 2661120\,C_3\,L^7\,b^4\,h^2\,r_0{}^2\,t^2\,\pi^3 +$

$24192\,C_1\,L^7\,b\,h^6\,r_0\,t^2\,\pi^2 \;+\; 24192\,C_1\,L^7\,b\,h^6\,r_0{}^2\,t\,\pi^2 \;+\; 24192\,C_1\,L^7\,b^6\,h\,r_0\,t^2\,\pi^2 \;+$

$24192\,C_1\,L^7\,b^6\,h\,r_0{}^2\,t\,\pi^2 + 5376\,C_1\,L^7\,b\,h^5\,r_0\,t^3\,\pi^3 + 5376\,C_1\,L^7\,b\,h^5\,r_0{}^3\,t\,\pi^3 + 5376\,C_1\,L^7\,b^5\,h\,r_0\,t^3\,\pi^3 +$

$5376\,C_1\,L^7\,b^5\,h\,r_0{}^3\,t\,\pi^3 \;+\; 346752\,C_2\,L^7\,b\,h^6\,r_0\,t^2\,\pi^2 \;+\; 346752\,C_2\,L^7\,b\,h^6\,r_0{}^2\,t\,\pi^2 +$

$346752\,C_2\,L^7\,b^6\,h\,r_0\,t^2\,\pi^2 + 346752\,C_2\,L^7\,b^6\,h\,r_0{}^2\,t\,\pi^2 + 139776\,C_2\,L^7\,b\,h^5\,r_0\,t^3\,\pi^3 +$

$139776\,C_2\,L^7\,b\,h^5\,r_0{}^3\,t\,\pi^3 + 139776\,C_2\,L^7\,b^5\,h\,r_0\,t^3\,\pi^3 + 139776\,C_2\,L^7\,b^5\,h\,r_0{}^3\,t\,\pi^3 +$

$1161216\,C_3\,L^7\,b\,h^6\,r_0\,t^2\,\pi^2 + 1161216\,C_3\,L^7\,b\,h^6\,r_0{}^2\,t\,\pi^2 + 1161216\,C_3\,L^7\,b^6\,h\,r_0\,t^2\,\pi^2 +$

$1161216\,C_3\,L^7\,b^6\,h\,r_0{}^2\,t\,\pi^2 + 709632\,C_3\,L^7\,b\,h^5\,r_0\,t^3\,\pi^3 + 709632\,C_3\,L^7\,b\,h^5\,r_0{}^3\,t\,\pi^3 +$

$709632\,C_3\,L^7\,b^5\,h\,r_0\,t^3\,\pi^3 \;+\; 709632\,C_3\,L^7\,b^5\,h\,r_0{}^3\,t\,\pi^3 \;+\; 46080\,\pi\,C_1\,L^7\,b\,h^7\,r_0\,t \;+$

$46080\,\pi\,C_1\,L^7\,b^7\,h\,r_0\,t + 423936\,\pi\,C_2\,L^7\,b\,h^7\,r_0\,t + 423936\,\pi\,C_2\,L^7\,b^7\,h\,r_0\,t + 995328\,\pi\,C_3\,L^7\,b\,h^7\,r_0\,t +$

$995328\,\pi\,C_3\,L^7\,b^7\,h\,r_0\,t \;+\; 72576\,C_1\,L^7\,b^2\,h^5\,r_0\,t^2\,\pi^2 \;+\; 72576\,C_1\,L^7\,b^2\,h^5\,r_0{}^2\,t\,\pi^2 +$

$120960\,C_1\,L^7\,b^3\,h^4\,r_0\,t^2\,\pi^2 + 120960\,C_1\,L^7\,b^3\,h^4\,r_0{}^2\,t\,\pi^2 + 120960\,C_1\,L^7\,b^4\,h^3\,r_0\,t^2\,\pi^2 +$

$120960\,C_1\,L^7\,b^4\,h^3\,r_0{}^2\,t\,\pi^2 + 72576\,C_1\,L^7\,b^5\,h^2\,r_0\,t^2\,\pi^2 + 72576\,C_1\,L^7\,b^5\,h^2\,r_0{}^2\,t\,\pi^2 +$

$8064\,C_1\,L^7\,b\,h^5\,r_0{}^2\,t^2\,\pi^3 \;+\; 13440\,C_1\,L^7\,b^2\,h^4\,r_0\,t^3\,\pi^3 \;+\; 13440\,C_1\,L^7\,b^2\,h^4\,r_0{}^3\,t\,\pi^3 \;+$

$17920\,C_1\,L^7\,b^3\,h^3\,r_0\,t^3\,\pi^3 + 17920\,C_1\,L^7\,b^3\,h^3\,r_0{}^3\,t\,\pi^3 + 13440\,C_1\,L^7\,b^4\,h^2\,r_0\,t^3\,\pi^3 +$

$13440\,C_1\,L^7\,b^4\,h^2\,r_0{}^3\,t\,\pi^3 + 8064\,C_1\,L^7\,b^5\,h\,r_0{}^2\,t^2\,\pi^3 + 1040256\,C_2\,L^7\,b^2\,h^5\,r_0\,t^2\,\pi^2 +$

$1040256\,C_2\,L^7\,b^2\,h^5\,r_0{}^2\,t\,\pi^2 + 1733760\,C_2\,L^7\,b^3\,h^4\,r_0\,t^2\,\pi^2 + 1733760\,C_2\,L^7\,b^3\,h^4\,r_0{}^2\,t\,\pi^2 +$

$1733760\,C_2\,L^7\,b^4\,h^3\,r_0\,t^2\,\pi^2 + 1733760\,C_2\,L^7\,b^4\,h^3\,r_0{}^2\,t\,\pi^2 + 1040256\,C_2\,L^7\,b^5\,h^2\,r_0\,t^2\,\pi^2 +$

$1040256\,C_2\,L^7\,b^5\,h^2\,r_0{}^2\,t\,\pi^2 + 209664\,C_2\,L^7\,b\,h^5\,r_0{}^2\,t^2\,\pi^3 + 349440\,C_2\,L^7\,b^2\,h^4\,r_0\,t^3\,\pi^3 +$

$349440\,C_2\,L^7\,b^2\,h^4\,r_0{}^3\,t\,\pi^3 + 465920\,C_2\,L^7\,b^3\,h^3\,r_0\,t^3\,\pi^3 + 465920\,C_2\,L^7\,b^3\,h^3\,r_0{}^3\,t\,\pi^3 +$

$349440\,C_2\,L^7\,b^4\,h^2\,r_0\,t^3\,\pi^3 + 349440\,C_2\,L^7\,b^4\,h^2\,r_0{}^3\,t\,\pi^3 + 209664\,C_2\,L^7\,b^5\,h\,r_0{}^2\,t^2\,\pi^3 +$

$3483648\,C_3\,L^7\,b^2\,h^5\,r_0\,t^2\,\pi^2 + 3483648\,C_3\,L^7\,b^2\,h^5\,r_0{}^2\,t\,\pi^2 + 5806080\,C_3\,L^7\,b^3\,h^4\,r_0\,t^2\,\pi^2 +$

$5806080\,C_3\,L^7\,b^3\,h^4\,r_0{}^2\,t\,\pi^2 + 5806080\,C_3\,L^7\,b^4\,h^3\,r_0\,t^2\,\pi^2 + 5806080\,C_3\,L^7\,b^4\,h^3\,r_0{}^2\,t\,\pi^2 +$

$3483648\,C_3\,L^7\,b^5\,h^2\,r_0\,t^2\,\pi^2 + 3483648\,C_3\,L^7\,b^5\,h^2\,r_0{}^2\,t\,\pi^2 + 1064448\,C_3\,L^7\,b\,h^5\,r_0{}^2\,t^2\,\pi^3 +$

$1774080\,C_3\,L^7\,b^2\,h^4\,r_0\,t^3\,\pi^3 + 1774080\,C_3\,L^7\,b^2\,h^4\,r_0{}^3\,t\,\pi^3 + 2365440\,C_3\,L^7\,b^3\,h^3\,r_0\,t^3\,\pi^3 +$

$2365440\,C_3\,L^7\,b^3\,h^3\,r_0{}^3\,t\,\pi^3 + 1774080\,C_3\,L^7\,b^4\,h^2\,r_0\,t^3\,\pi^3 + 1774080\,C_3\,L^7\,b^4\,h^2\,r_0{}^3\,t\,\pi^3 +$

$1064448\,C_3\,L^7\,b^5\,h\,r_0{}^2\,t^2\,\pi^3$

$$\mathrm{a}_{t,6} = 5016\,\pi\,C_1\,L^8\,b^7\,t^2 + 24288\,\pi\,C_2\,L^8\,b^7\,t^2 + 25344\,\pi\,C_3\,L^8\,b^7\,t^2 + 5016\,\pi\,C_1\,L^8\,h^7\,t^2 +$$

$24288\,\pi\,C_2\,L^8\,h^7\,t^2+25344\,\pi\,C_3\,L^8\,h^7\,t^2+1852\,C_1\,L^8\,b^6\,t^3\,\pi^2+321\,C_1\,L^8\,b^5\,t^4\,\pi^3+$

$14768\,C_2\,L^8\,b^6\,t^3\,\pi^2+4932\,C_2\,L^8\,b^5\,t^4\,\pi^3+23424\,C_3\,L^8\,b^6\,t^3\,\pi^2+12960\,C_3\,L^8\,b^5\,t^4\,\pi^3+$

$1852\,C_1\,L^8\,h^6\,t^3\,\pi^2+321\,C_1\,L^8\,h^5\,t^4\,\pi^3+14768\,C_2\,L^8\,h^6\,t^3\,\pi^2+4932\,C_2\,L^8\,h^5\,t^4\,\pi^3+$

$23424\,C_3\,L^8\,h^6\,t^3\,\pi^2+12960\,C_3\,L^8\,h^5\,t^4\,\pi^3+5556\,C_1\,L^8\,b^6\,r_0\,t^2\,\pi^2+5556\,C_1\,L^8\,b^6\,r_0{}^2\,t\,\pi^2+$

$1284\,C_1\,L^8\,b^5\,r_0\,t^3\,\pi^3+1284\,C_1\,L^8\,b^5\,r_0{}^3\,t\,\pi^3+44304\,C_2\,L^8\,b^6\,r_0\,t^2\,\pi^2+44304\,C_2\,L^8\,b^6\,r_0{}^2\,t\,\pi^2+$

$19728\,C_2\,L^8\,b^5\,r_0\,t^3\,\pi^3+19728\,C_2\,L^8\,b^5\,r_0{}^3\,t\,\pi^3+70272\,C_3\,L^8\,b^6\,r_0\,t^2\,\pi^2+70272\,C_3\,L^8\,b^6\,r_0{}^2\,t\,\pi^2+$

$51840\,C_3\,L^8\,b^5\,r_0\,t^3\,\pi^3+51840\,C_3\,L^8\,b^5\,r_0{}^3\,t\,\pi^3+5556\,C_1\,L^8\,h^6\,r_0\,t^2\,\pi^2+5556\,C_1\,L^8\,h^6\,r_0{}^2\,t\,\pi^2+$

$1284\,C_1\,L^8\,h^5\,r_0\,t^3\,\pi^3+1284\,C_1\,L^8\,h^5\,r_0{}^3\,t\,\pi^3+44304\,C_2\,L^8\,h^6\,r_0\,t^2\,\pi^2+44304\,C_2\,L^8\,h^6\,r_0{}^2\,t\,\pi^2+$

$19728\,C_2\,L^8\,h^5\,r_0\,t^3\,\pi^3+19728\,C_2\,L^8\,h^5\,r_0{}^3\,t\,\pi^3+70272\,C_3\,L^8\,h^6\,r_0\,t^2\,\pi^2+70272\,C_3\,L^8\,h^6\,r_0{}^2\,t\,\pi^2+$

$51840\,C_3\,L^8\,h^5\,r_0\,t^3\,\pi^3+51840\,C_3\,L^8\,h^5\,r_0{}^3\,t\,\pi^3+10032\,\pi\,C_1\,L^8\,b^7\,r_0\,t+48576\,\pi\,C_2\,L^8\,b^7\,r_0\,t+$

$50688\,\pi\,C_3\,L^8\,b^7\,r_0\,t+10032\,\pi\,C_1\,L^8\,h^7\,r_0\,t+48576\,\pi\,C_2\,L^8\,h^7\,r_0\,t+50688\,\pi\,C_3\,L^8\,h^7\,r_0\,t+$

$27780\,C_1\,L^8\,b^2\,h^4\,t^3\,\pi^2+37040\,C_1\,L^8\,b^3\,h^3\,t^3\,\pi^2+27780\,C_1\,L^8\,b^4\,h^2\,t^3\,\pi^2+3210\,C_1\,L^8\,b^2\,h^3\,t^4\,\pi^3+$

$3210\,C_1\,L^8\,b^3\,h^2\,t^4\,\pi^3+221520\,C_2\,L^8\,b^2\,h^4\,t^3\,\pi^2+295360\,C_2\,L^8\,b^3\,h^3\,t^3\,\pi^2+221520\,C_2\,L^8\,b^4\,h^2\,t^3\,\pi^2+$

$49320\,C_2\,L^8\,b^2\,h^3\,t^4\,\pi^3+49320\,C_2\,L^8\,b^3\,h^2\,t^4\,\pi^3+351360\,C_3\,L^8\,b^2\,h^4\,t^3\,\pi^2+468480\,C_3\,L^8\,b^3\,h^3\,t^3\,\pi^2+$

$351360\,C_3\,L^8\,b^4\,h^2\,t^3\,\pi^2+129600\,C_3\,L^8\,b^2\,h^3\,t^4\,\pi^3+129600\,C_3\,L^8\,b^3\,h^2\,t^4\,\pi^3+1926\,C_1\,L^8\,b^5\,r_0{}^2\,t^2\,\pi^3+$

$29592\,C_2\,L^8\,b^5\,r_0{}^2\,t^2\,\pi^3+77760\,C_3\,L^8\,b^5\,r_0{}^2\,t^2\,\pi^3+1926\,C_1\,L^8\,h^5\,r_0{}^2\,t^2\,\pi^3+29592\,C_2\,L^8\,h^5\,r_0{}^2\,t^2\,\pi^3+$

$77760\,C_3\,L^8\,h^5\,r_0{}^2\,t^2\,\pi^3+35112\,\pi\,C_1\,L^8\,b\,h^6\,t^2+35112\,\pi\,C_1\,L^8\,b^6\,h\,t^2+170016\,\pi\,C_2\,L^8\,b\,h^6\,t^2+$

$170016\,\pi\,C_2\,L^8\,b^6\,h\,t^2+177408\,\pi\,C_3\,L^8\,b\,h^6\,t^2+177408\,\pi\,C_3\,L^8\,b^6\,h\,t^2+105336\,\pi\,C_1\,L^8\,b^2\,h^5\,t^2+$

$175560\,\pi\,C_1\,L^8\,b^3\,h^4\,t^2+175560\,\pi\,C_1\,L^8\,b^4\,h^3\,t^2+105336\,\pi\,C_1\,L^8\,b^5\,h^2\,t^2+11112\,C_1\,L^8\,b\,h^5\,t^3\,\pi^2+$

$11112\,C_1\,L^8\,b^5\,h\,t^3\,\pi^2+510048\,\pi\,C_2\,L^8\,b^2\,h^5\,t^2+850080\,\pi\,C_2\,L^8\,b^3\,h^4\,t^2+850080\,\pi\,C_2\,L^8\,b^4\,h^3\,t^2+$

$510048\,\pi\,C_2\,L^8\,b^5\,h^2\,t^2+1605\,C_1\,L^8\,b\,h^4\,t^4\,\pi^3+1605\,C_1\,L^8\,b^4\,h\,t^4\,\pi^3+88608\,C_2\,L^8\,b\,h^5\,t^3\,\pi^2+$

$88608\,C_2\,L^8\,b^5\,h\,t^3\,\pi^2+532224\,\pi\,C_3\,L^8\,b^2\,h^5\,t^2+887040\,\pi\,C_3\,L^8\,b^3\,h^4\,t^2+887040\,\pi\,C_3\,L^8\,b^4\,h^3\,t^2+$

$532224\,\pi\,C_3\,L^8\,b^5\,h^2\,t^2+24660\,C_2\,L^8\,b\,h^4\,t^4\,\pi^3+24660\,C_2\,L^8\,b^4\,h\,t^4\,\pi^3+140544\,C_3\,L^8\,b\,h^5\,t^3\,\pi^2+$

$140544\,C_3\,L^8\,b^5\,h\,t^3\,\pi^2+64800\,C_3\,L^8\,b\,h^4\,t^4\,\pi^3+64800\,C_3\,L^8\,b^4\,h\,t^4\,\pi^3+210672\,\pi\,C_1\,L^8\,b^2\,h^5\,r_0\,t+$

$351120\,\pi\,C_1\,L^8\,b^3\,h^4\,r_0\,t+351120\,\pi\,C_1\,L^8\,b^4\,h^3\,r_0\,t+210672\,\pi\,C_1\,L^8\,b^5\,h^2\,r_0\,t+$

$1020096\,\pi\,C_2\,L^8\,b^2\,h^5\,r_0\,t+1700160\,\pi\,C_2\,L^8\,b^3\,h^4\,r_0\,t+1700160\,\pi\,C_2\,L^8\,b^4\,h^3\,r_0\,t+$

$1020096\,\pi\,C_2\,L^8\,b^5\,h^2\,r_0\,t+1064448\,\pi\,C_3\,L^8\,b^2\,h^5\,r_0\,t+1774080\,\pi\,C_3\,L^8\,b^3\,h^4\,r_0\,t+$

$1774080\,\pi\,C_3\,L^8\,b^4\,h^3\,r_0\,t+1064448\,\pi\,C_3\,L^8\,b^5\,h^2\,r_0\,t+19260\,C_1\,L^8\,b^2\,h^3\,r_0{}^2\,t^2\,\pi^3+$

$19260\,C_1\,L^8\,b^3\,h^2\,r_0{}^2\,t^2\,\pi^3+295920\,C_2\,L^8\,b^2\,h^3\,r_0{}^2\,t^2\,\pi^3+295920\,C_2\,L^8\,b^3\,h^2\,r_0{}^2\,t^2\,\pi^3+$

$777600\,C_3\,L^8\,b^2\,h^3\,r_0{}^2\,t^2\,\pi^3+777600\,C_3\,L^8\,b^3\,h^2\,r_0{}^2\,t^2\,\pi^3+33336\,C_1\,L^8\,b\,h^5\,r_0\,t^2\,\pi^2+$

$33336\,C_1\,L^8\,b\,h^5\,r_0{}^2\,t\,\pi^2+33336\,C_1\,L^8\,b^5\,h\,r_0\,t^2\,\pi^2+33336\,C_1\,L^8\,b^5\,h\,r_0{}^2\,t\,\pi^2+$

$6420\,C_1\,L^8\,b\,h^4\,r_0\,t^3\,\pi^3+6420\,C_1\,L^8\,b\,h^4\,r_0{}^3\,t\,\pi^3+6420\,C_1\,L^8\,b^4\,h\,r_0\,t^3\,\pi^3+6420\,C_1\,L^8\,b^4\,h\,r_0{}^3\,t\,\pi^3+$

$265824\,C_2\,L^8\,b\,h^5\,r_0\,t^2\,\pi^2+265824\,C_2\,L^8\,b\,h^5\,r_0{}^2\,t\,\pi^2+265824\,C_2\,L^8\,b^5\,h\,r_0\,t^2\,\pi^2+$

$265824\,C_2\,L^8\,b^5\,h\,r_0{}^2\,t\,\pi^2+98640\,C_2\,L^8\,b\,h^4\,r_0\,t^3\,\pi^3+98640\,C_2\,L^8\,b\,h^4\,r_0{}^3\,t\,\pi^3+$

$98640\,C_2\,L^8\,b^4\,h\,r_0\,t^3\,\pi^3+98640\,C_2\,L^8\,b^4\,h\,r_0{}^3\,t\,\pi^3+421632\,C_3\,L^8\,b\,h^5\,r_0\,t^2\,\pi^2+$

$421632\,C_3\,L^8\,b\,h^5\,r_0{}^2\,t\,\pi^2+421632\,C_3\,L^8\,b^5\,h\,r_0\,t^2\,\pi^2+421632\,C_3\,L^8\,b^5\,h\,r_0{}^2\,t\,\pi^2+$

$259200\,C_3\,L^8\,b\,h^4\,r_0\,t^3\,\pi^3+259200\,C_3\,L^8\,b\,h^4\,r_0{}^3\,t\,\pi^3+259200\,C_3\,L^8\,b^4\,h\,r_0\,t^3\,\pi^3+$

$259200\,C_3\,L^8\,b^4\,h\,r_0{}^3\,t\,\pi^3+70224\,\pi\,C_1\,L^8\,b\,h^6\,r_0\,t+70224\,\pi\,C_1\,L^8\,b^6\,h\,r_0\,t+340032\,\pi\,C_2\,L^8\,b\,h^6\,r_0\,t+$

$340032\,\pi\,C_2\,L^8\,b^6\,h\,r_0\,t+354816\,\pi\,C_3\,L^8\,b\,h^6\,r_0\,t+354816\,\pi\,C_3\,L^8\,b^6\,h\,r_0\,t+83340\,C_1\,L^8\,b^2\,h^4\,r_0\,t^2\,\pi^2+$

$83340\,C_1\,L^8\,b^2\,h^4\,r_0{}^2\,t\,\pi^2+111120\,C_1\,L^8\,b^3\,h^3\,r_0\,t^2\,\pi^2+111120\,C_1\,L^8\,b^3\,h^3\,r_0{}^2\,t\,\pi^2+$

$83340\,C_1\,L^8\,b^4\,h^2\,r_0\,t^2\,\pi^2+83340\,C_1\,L^8\,b^4\,h^2\,r_0{}^2\,t\,\pi^2+9630\,C_1\,L^8\,b\,h^4\,r_0{}^2\,t^2\,\pi^3+$

$12840\,C_1\,L^8\,b^2\,h^3\,r_0\,t^3\,\pi^3+12840\,C_1\,L^8\,b^2\,h^3\,r_0{}^3\,t\,\pi^3+12840\,C_1\,L^8\,b^3\,h^2\,r_0\,t^3\,\pi^3+$

$12840\,C_1\,L^8\,b^3\,h^2\,r_0{}^3\,t\,\pi^3+9630\,C_1\,L^8\,b^4\,h\,r_0{}^2\,t^2\,\pi^3+664560\,C_2\,L^8\,b^2\,h^4\,r_0\,t^2\,\pi^2+$

$664560\,C_2\,L^8\,b^2\,h^4\,r_0{}^2\,t\,\pi^2+886080\,C_2\,L^8\,b^3\,h^3\,r_0\,t^2\,\pi^2+886080\,C_2\,L^8\,b^3\,h^3\,r_0{}^2\,t\,\pi^2+$

$664560\,C_2\,L^8\,b^4\,h^2\,r_0\,t^2\,\pi^2+664560\,C_2\,L^8\,b^4\,h^2\,r_0{}^2\,t\,\pi^2+147960\,C_2\,L^8\,b\,h^4\,r_0{}^2\,t^2\,\pi^3+$

$197280\,C_2\,L^8\,b^2\,h^3\,r_0\,t^3\,\pi^3+197280\,C_2\,L^8\,b^2\,h^3\,r_0{}^3\,t\,\pi^3+197280\,C_2\,L^8\,b^3\,h^2\,r_0\,t^3\,\pi^3+$

$197280\,C_2\,L^8\,b^3\,h^2\,r_0{}^3\,t\,\pi^3 + 147960\,C_2\,L^8\,b^4\,h\,r_0{}^2\,t^2\,\pi^3 + 1054080\,C_3\,L^8\,b^2\,h^4\,r_0\,t^2\,\pi^2 +$

$1054080\,C_3\,L^8\,b^2\,h^4\,r_0{}^2\,t\,\pi^2 + 1405440\,C_3\,L^8\,b^3\,h^3\,r_0\,t^2\,\pi^2 + 1405440\,C_3\,L^8\,b^3\,h^3\,r_0{}^2\,t\,\pi^2 +$

$1054080\,C_3\,L^8\,b^4\,h^2\,r_0\,t^2\,\pi^2 + 1054080\,C_3\,L^8\,b^4\,h^2\,r_0{}^2\,t\,\pi^2 + 388800\,C_3\,L^8\,b\,h^4\,r_0{}^2\,t^2\,\pi^3 +$

$518400\,C_3\,L^8\,b^2\,h^3\,r_0\,t^3\,\pi^3 + 518400\,C_3\,L^8\,b^2\,h^3\,r_0{}^3\,t\,\pi^3 + 518400\,C_3\,L^8\,b^3\,h^2\,r_0\,t^3\,\pi^3 +$

$518400\,C_3\,L^8\,b^3\,h^2\,r_0{}^3\,t\,\pi^3 + 388800\,C_3\,L^8\,b^4\,h\,r_0{}^2\,t^2\,\pi^3$

$\mathrm{a}_{t,5} = 5904\,\pi\,C_1\,L^9\,b^6\,t^2 + 14400\,\pi\,C_2\,L^9\,b^6\,t^2 + 4608\,\pi\,C_3\,L^9\,b^6\,t^2 + 5904\,\pi\,C_1\,L^9\,h^6\,t^2 +$

$14400\,\pi\,C_2\,L^9\,h^6\,t^2 + 4608\,\pi\,C_3\,L^9\,h^6\,t^2 + 2032\,C_1\,L^9\,b^5\,t^3\,\pi^2 + 306\,C_1\,L^9\,b^4\,t^4\,\pi^3 +$

$8768\,C_2\,L^9\,b^5\,t^3\,\pi^2 + 2856\,C_2\,L^9\,b^4\,t^4\,\pi^3 + 4608\,C_3\,L^9\,b^5\,t^3\,\pi^2 + 2880\,C_3\,L^9\,b^4\,t^4\,\pi^3 +$

$2032\,C_1\,L^9\,h^5\,t^3\,\pi^2 + 306\,C_1\,L^9\,h^4\,t^4\,\pi^3 + 8768\,C_2\,L^9\,h^5\,t^3\,\pi^2 + 2856\,C_2\,L^9\,h^4\,t^4\,\pi^3 +$

$4608\,C_3\,L^9\,h^5\,t^3\,\pi^2 + 2880\,C_3\,L^9\,h^4\,t^4\,\pi^3 + 6096\,C_1\,L^9\,b^5\,r_0\,t^2\,\pi^2 + 6096\,C_1\,L^9\,b^5\,r_0{}^2\,t\,\pi^2 +$

$1224\,C_1\,L^9\,b^4\,r_0\,t^3\,\pi^3 + 1224\,C_1\,L^9\,b^4\,r_0{}^3\,t\,\pi^3 + 26304\,C_2\,L^9\,b^5\,r_0\,t^2\,\pi^2 + 26304\,C_2\,L^9\,b^5\,r_0{}^2\,t\,\pi^2 +$

$11424\,C_2\,L^9\,b^4\,r_0\,t^3\,\pi^3 + 11424\,C_2\,L^9\,b^4\,r_0{}^3\,t\,\pi^3 + 13824\,C_3\,L^9\,b^5\,r_0\,t^2\,\pi^2 + 13824\,C_3\,L^9\,b^5\,r_0{}^2\,t\,\pi^2 +$

$11520\,C_3\,L^9\,b^4\,r_0\,t^3\,\pi^3 + 11520\,C_3\,L^9\,b^4\,r_0{}^3\,t\,\pi^3 + 6096\,C_1\,L^9\,h^5\,r_0\,t^2\,\pi^2 + 6096\,C_1\,L^9\,h^5\,r_0{}^2\,t\,\pi^2 +$

$1224\,C_1\,L^9\,h^4\,r_0\,t^3\,\pi^3 + 1224\,C_1\,L^9\,h^4\,r_0{}^3\,t\,\pi^3 + 26304\,C_2\,L^9\,h^5\,r_0\,t^2\,\pi^2 + 26304\,C_2\,L^9\,h^5\,r_0{}^2\,t\,\pi^2 +$

$11424\,C_2\,L^9\,h^4\,r_0\,t^3\,\pi^3 + 11424\,C_2\,L^9\,h^4\,r_0{}^3\,t\,\pi^3 + 13824\,C_3\,L^9\,h^5\,r_0\,t^2\,\pi^2 + 13824\,C_3\,L^9\,h^5\,r_0{}^2\,t\,\pi^2 +$

$11520\,C_3\,L^9\,h^4\,r_0\,t^3\,\pi^3 + 11520\,C_3\,L^9\,h^4\,r_0{}^3\,t\,\pi^3 + 11808\,\pi\,C_1\,L^9\,b^6\,r_0\,t + 28800\,\pi\,C_2\,L^9\,b^6\,r_0\,t +$

$9216\,\pi\,C_3\,L^9\,b^6\,r_0\,t + 11808\,\pi\,C_1\,L^9\,h^6\,r_0\,t + 28800\,\pi\,C_2\,L^9\,h^6\,r_0\,t + 9216\,\pi\,C_3\,L^9\,h^6\,r_0\,t +$

$20320\,C_1\,L^9\,b^2\,h^3\,t^3\,\pi^2 + 20320\,C_1\,L^9\,b^3\,h^2\,t^3\,\pi^2 + 1836\,C_1\,L^9\,b^2\,h^2\,t^4\,\pi^3 + 87680\,C_2\,L^9\,b^2\,h^3\,t^3\,\pi^2 +$

$87680\,C_2\,L^9\,b^3\,h^2\,t^3\,\pi^2 + 17136\,C_2\,L^9\,b^2\,h^2\,t^4\,\pi^3 + 46080\,C_3\,L^9\,b^2\,h^3\,t^3\,\pi^2 + 46080\,C_3\,L^9\,b^3\,h^2\,t^3\,\pi^2 +$

$17280\,C_3\,L^9\,b^2\,h^2\,t^4\,\pi^3 + 1836\,C_1\,L^9\,b^4\,r_0{}^2\,t^2\,\pi^3 + 17136\,C_2\,L^9\,b^4\,r_0{}^2\,t^2\,\pi^3 + 17280\,C_3\,L^9\,b^4\,r_0{}^2\,t^2\,\pi^3 +$

$1836\,C_1\,L^9\,h^4\,r_0{}^2\,t^2\,\pi^3 + 17136\,C_2\,L^9\,h^4\,r_0{}^2\,t^2\,\pi^3 + 17280\,C_3\,L^9\,h^4\,r_0{}^2\,t^2\,\pi^3 + 35424\,\pi\,C_1\,L^9\,b\,h^5\,t^2 +$

$35424\,\pi\,C_1\,L^9\,b^5\,h\,t^2 + 86400\,\pi\,C_2\,L^9\,b\,h^5\,t^2 + 86400\,\pi\,C_2\,L^9\,b^5\,h\,t^2 + 27648\,\pi\,C_3\,L^9\,b\,h^5\,t^2 +$

$27648\,\pi\,C_3\,L^9\,b^5\,h\,t^2 + 88560\,\pi\,C_1\,L^9\,b^2\,h^4\,t^2 + 118080\,\pi\,C_1\,L^9\,b^3\,h^3\,t^2 + 88560\,\pi\,C_1\,L^9\,b^4\,h^2\,t^2 +$

$10160\,C_1\,L^9\,b\,h^4\,t^3\,\pi^2 + 10160\,C_1\,L^9\,b^4\,h\,t^3\,\pi^2 + 216000\,\pi\,C_2\,L^9\,b^2\,h^4\,t^2 + 288000\,\pi\,C_2\,L^9\,b^3\,h^3\,t^2 +$

$216000\,\pi\,C_2\,L^9\,b^4\,h^2\,t^2 + 1224\,C_1\,L^9\,b\,h^3\,t^4\,\pi^3 + 1224\,C_1\,L^9\,b^3\,h\,t^4\,\pi^3 + 43840\,C_2\,L^9\,b\,h^4\,t^3\,\pi^2 +$

$43840\,C_2\,L^9\,b^4\,h\,t^3\,\pi^2 + 69120\,\pi\,C_3\,L^9\,b^2\,h^4\,t^2 + 92160\,\pi\,C_3\,L^9\,b^3\,h^3\,t^2 + 69120\,\pi\,C_3\,L^9\,b^4\,h^2\,t^2 +$

$11424\,C_2\,L^9\,b\,h^3\,t^4\,\pi^3 + 11424\,C_2\,L^9\,b^3\,h\,t^4\,\pi^3 + 23040\,C_3\,L^9\,b\,h^4\,t^3\,\pi^2 + 23040\,C_3\,L^9\,b^4\,h\,t^3\,\pi^2 +$

$11520\,C_3\,L^9\,b\,h^3\,t^4\,\pi^3 + 11520\,C_3\,L^9\,b^3\,h\,t^4\,\pi^3 + 177120\,\pi\,C_1\,L^9\,b^2\,h^4\,r_0\,t + 236160\,\pi\,C_1\,L^9\,b^3\,h^3\,r_0\,t +$

$177120\,\pi\,C_1\,L^9\,b^4\,h^2\,r_0\,t + 432000\,\pi\,C_2\,L^9\,b^2\,h^4\,r_0\,t + 576000\,\pi\,C_2\,L^9\,b^3\,h^3\,r_0\,t +$

$432000\,\pi\,C_2\,L^9\,b^4\,h^2\,r_0\,t + 138240\,\pi\,C_3\,L^9\,b^2\,h^4\,r_0\,t + 184320\,\pi\,C_3\,L^9\,b^3\,h^3\,r_0\,t +$

$138240\,\pi\,C_3\,L^9\,b^4\,h^2\,r_0\,t + 11016\,C_1\,L^9\,b^2\,h^2\,r_0{}^2\,t^2\,\pi^3 + 102816\,C_2\,L^9\,b^2\,h^2\,r_0{}^2\,t^2\,\pi^3 +$

$103680\,C_3\,L^9\,b^2\,h^2\,r_0{}^2\,t^2\,\pi^3 + 30480\,C_1\,L^9\,b\,h^4\,r_0\,t^2\,\pi^2 + 30480\,C_1\,L^9\,b\,h^4\,r_0{}^2\,t\,\pi^2 +$

$30480\,C_1\,L^9\,b^4\,h\,r_0\,t^2\,\pi^2 + 30480\,C_1\,L^9\,b^4\,h\,r_0{}^2\,t\,\pi^2 + 4896\,C_1\,L^9\,b\,h^3\,r_0\,t^3\,\pi^3 + 4896\,C_1\,L^9\,b\,h^3\,r_0{}^3\,t\,\pi^3 +$

$4896\,C_1\,L^9\,b^3\,h\,r_0\,t^3\,\pi^3 + 4896\,C_1\,L^9\,b^3\,h\,r_0{}^3\,t\,\pi^3 + 131520\,C_2\,L^9\,b\,h^4\,r_0\,t^2\,\pi^2 + 131520\,C_2\,L^9\,b\,h^4\,r_0{}^2\,t\,\pi^2 +$

$131520\,C_2\,L^9\,b^4\,h\,r_0\,t^2\,\pi^2 + 131520\,C_2\,L^9\,b^4\,h\,r_0{}^2\,t\,\pi^2 + 45696\,C_2\,L^9\,b\,h^3\,r_0\,t^3\,\pi^3 +$

$45696\,C_2\,L^9\,b\,h^3\,r_0{}^3\,t\,\pi^3 + 45696\,C_2\,L^9\,b^3\,h\,r_0\,t^3\,\pi^3 + 45696\,C_2\,L^9\,b^3\,h\,r_0{}^3\,t\,\pi^3 +$

$69120\,C_3\,L^9\,b\,h^4\,r_0\,t^2\,\pi^2 + 69120\,C_3\,L^9\,b\,h^4\,r_0{}^2\,t\,\pi^2 + 69120\,C_3\,L^9\,b^4\,h\,r_0\,t^2\,\pi^2 +$

$69120\,C_3\,L^9\,b^4\,h\,r_0{}^2\,t\,\pi^2 + 46080\,C_3\,L^9\,b\,h^3\,r_0\,t^3\,\pi^3 + 46080\,C_3\,L^9\,b\,h^3\,r_0{}^3\,t\,\pi^3 +$

$46080\,C_3\,L^9\,b^3\,h\,r_0\,t^3\,\pi^3 + 46080\,C_3\,L^9\,b^3\,h\,r_0{}^3\,t\,\pi^3 + 70848\,\pi\,C_1\,L^9\,b\,h^5\,r_0\,t + 70848\,\pi\,C_1\,L^9\,b^5\,h\,r_0\,t +$

$172800\,\pi\,C_2\,L^9\,b\,h^5\,r_0\,t + 172800\,\pi\,C_2\,L^9\,b^5\,h\,r_0\,t + 55296\,\pi\,C_3\,L^9\,b\,h^5\,r_0\,t + 55296\,\pi\,C_3\,L^9\,b^5\,h\,r_0\,t +$

$60960\,C_1\,L^9\,b^2\,h^3\,r_0\,t^2\,\pi^2 + 60960\,C_1\,L^9\,b^2\,h^3\,r_0{}^2\,t\,\pi^2 + 60960\,C_1\,L^9\,b^3\,h^2\,r_0\,t^2\,\pi^2 +$

$60960\,C_1\,L^9\,b^3\,h^2\,r_0{}^2\,t\,\pi^2 + 7344\,C_1\,L^9\,b\,h^3\,r_0{}^2\,t^2\,\pi^3 + 7344\,C_1\,L^9\,b^2\,h^2\,r_0\,t^3\,\pi^3 +$

$7344\,C_1\,L^9\,b^2\,h^2\,r_0{}^3\,t\,\pi^3 + 7344\,C_1\,L^9\,b^3\,h\,r_0{}^2\,t^2\,\pi^3 + 263040\,C_2\,L^9\,b^2\,h^3\,r_0\,t^2\,\pi^2 +$

$263040\,C_2\,L^9\,b^2\,h^3\,r_0{}^2\,t\,\pi^2 + 263040\,C_2\,L^9\,b^3\,h^2\,r_0\,t^2\,\pi^2 + 263040\,C_2\,L^9\,b^3\,h^2\,r_0{}^2\,t\,\pi^2 +$

$68544\,C_2\,L^9\,b\,h^3\,r_0{}^2\,t^2\,\pi^3 + 68544\,C_2\,L^9\,b^2\,h^2\,r_0\,t^3\,\pi^3 + 68544\,C_2\,L^9\,b^2\,h^2\,r_0{}^3\,t\,\pi^3 +$

$$68544\,C_2\,L^9\,b^3\,h\,r_0{}^2\,t^2\,\pi^3 + 138240\,C_3\,L^9\,b^2\,h^3\,r_0\,t^2\,\pi^2 + 138240\,C_3\,L^9\,b^2\,h^3\,r_0{}^2\,t\,\pi^2 +$$
$$138240\,C_3\,L^9\,b^3\,h^2\,r_0\,t^2\,\pi^2 + 138240\,C_3\,L^9\,b^3\,h^2\,r_0{}^2\,t\,\pi^2 + 69120\,C_3\,L^9\,b\,h^3\,r_0{}^2\,t^2\,\pi^3 +$$
$$69120\,C_3\,L^9\,b^2\,h^2\,r_0\,t^3\,\pi^3 + 69120\,C_3\,L^9\,b^2\,h^2\,r_0{}^3\,t\,\pi^3 + 69120\,C_3\,L^9\,b^3\,h\,r_0{}^2\,t^2\,\pi^3$$

$$\mathrm{a}_{t,4} = 4680\,\pi\,C_1\,L^{10}\,b^5\,t^2 + 4992\,\pi\,C_2\,L^{10}\,b^5\,t^2 + 4680\,\pi\,C_1\,L^{10}\,h^5\,t^2 + 4992\,\pi\,C_2\,L^{10}\,h^5\,t^2 +$$
$$1532\,C_1\,L^{10}\,b^4\,t^3\,\pi^2 + 198\,C_1\,L^{10}\,b^3\,t^4\,\pi^3 + 3136\,C_2\,L^{10}\,b^4\,t^3\,\pi^2 + 1056\,C_2\,L^{10}\,b^3\,t^4\,\pi^3 +$$
$$1532\,C_1\,L^{10}\,h^4\,t^3\,\pi^2 + 198\,C_1\,L^{10}\,h^3\,t^4\,\pi^3 + 3136\,C_2\,L^{10}\,h^4\,t^3\,\pi^2 + 1056\,C_2\,L^{10}\,h^3\,t^4\,\pi^3 +$$
$$4596\,C_1\,L^{10}\,b^4\,r_0\,t^2\,\pi^2 + 4596\,C_1\,L^{10}\,b^4\,r_0{}^2\,t\,\pi^2 + 792\,C_1\,L^{10}\,b^3\,r_0\,t^3\,\pi^3 + 792\,C_1\,L^{10}\,b^3\,r_0{}^3\,t\,\pi^3 +$$
$$9408\,C_2\,L^{10}\,b^4\,r_0\,t^2\,\pi^2 + 9408\,C_2\,L^{10}\,b^4\,r_0{}^2\,t\,\pi^2 + 4224\,C_2\,L^{10}\,b^3\,r_0\,t^3\,\pi^3 + 4224\,C_2\,L^{10}\,b^3\,r_0{}^3\,t\,\pi^3 +$$
$$4596\,C_1\,L^{10}\,h^4\,r_0\,t^2\,\pi^2 + 4596\,C_1\,L^{10}\,h^4\,r_0{}^2\,t\,\pi^2 + 792\,C_1\,L^{10}\,h^3\,r_0\,t^3\,\pi^3 + 792\,C_1\,L^{10}\,h^3\,r_0{}^3\,t\,\pi^3 +$$
$$9408\,C_2\,L^{10}\,h^4\,r_0\,t^2\,\pi^2 + 9408\,C_2\,L^{10}\,h^4\,r_0{}^2\,t\,\pi^2 + 4224\,C_2\,L^{10}\,h^3\,r_0\,t^3\,\pi^3 + 4224\,C_2\,L^{10}\,h^3\,r_0{}^3\,t\,\pi^3 +$$
$$9360\,\pi\,C_1\,L^{10}\,b^5\,r_0\,t + 9984\,\pi\,C_2\,L^{10}\,b^5\,r_0\,t + 9360\,\pi\,C_1\,L^{10}\,h^5\,r_0\,t + 9984\,\pi\,C_2\,L^{10}\,h^5\,r_0\,t +$$
$$9192\,C_1\,L^{10}\,b^2\,h^2\,t^3\,\pi^2 + 18816\,C_2\,L^{10}\,b^2\,h^2\,t^3\,\pi^2 + 1188\,C_1\,L^{10}\,b^3\,r_0{}^2\,t^2\,\pi^3 + 6336\,C_2\,L^{10}\,b^3\,r_0{}^2\,t^2\,\pi^3 +$$
$$1188\,C_1\,L^{10}\,h^3\,r_0{}^2\,t^2\,\pi^3 + 6336\,C_2\,L^{10}\,h^3\,r_0{}^2\,t^2\,\pi^3 + 23400\,\pi\,C_1\,L^{10}\,b\,h^4\,t^2 + 23400\,\pi\,C_1\,L^{10}\,b^4\,h\,t^2 +$$
$$24960\,\pi\,C_2\,L^{10}\,b\,h^4\,t^2 + 24960\,\pi\,C_2\,L^{10}\,b^4\,h\,t^2 + 46800\,\pi\,C_1\,L^{10}\,b^2\,h^3\,t^2 + 46800\,\pi\,C_1\,L^{10}\,b^3\,h^2\,t^2 +$$
$$6128\,C_1\,L^{10}\,b\,h^3\,t^3\,\pi^2 + 6128\,C_1\,L^{10}\,b^3\,h\,t^3\,\pi^2 + 49920\,\pi\,C_2\,L^{10}\,b^2\,h^3\,t^2 + 49920\,\pi\,C_2\,L^{10}\,b^3\,h^2\,t^2 +$$
$$594\,C_1\,L^{10}\,b\,h^2\,t^4\,\pi^3 + 594\,C_1\,L^{10}\,b^2\,h\,t^4\,\pi^3 + 12544\,C_2\,L^{10}\,b\,h^3\,t^3\,\pi^2 + 12544\,C_2\,L^{10}\,b^3\,h\,t^3\,\pi^2 +$$
$$3168\,C_2\,L^{10}\,b\,h^2\,t^4\,\pi^3 + 3168\,C_2\,L^{10}\,b^2\,h\,t^4\,\pi^3 + 93600\,\pi\,C_1\,L^{10}\,b^2\,h^3\,r_0\,t + 93600\,\pi\,C_1\,L^{10}\,b^3\,h^2\,r_0\,t +$$
$$99840\,\pi\,C_2\,L^{10}\,b^2\,h^3\,r_0\,t + 99840\,\pi\,C_2\,L^{10}\,b^3\,h^2\,r_0\,t + 18384\,C_1\,L^{10}\,b\,h^3\,r_0\,t^2\,\pi^2 +$$
$$18384\,C_1\,L^{10}\,b\,h^3\,r_0{}^2\,t\,\pi^2 + 18384\,C_1\,L^{10}\,b^3\,h\,r_0\,t^2\,\pi^2 + 18384\,C_1\,L^{10}\,b^3\,h\,r_0{}^2\,t\,\pi^2 +$$
$$2376\,C_1\,L^{10}\,b\,h^2\,r_0\,t^3\,\pi^3 + 2376\,C_1\,L^{10}\,b\,h^2\,r_0{}^3\,t\,\pi^3 + 2376\,C_1\,L^{10}\,b^2\,h\,r_0\,t^3\,\pi^3 + 2376\,C_1\,L^{10}\,b^2\,h\,r_0{}^3\,t\,\pi^3 +$$
$$37632\,C_2\,L^{10}\,b\,h^3\,r_0\,t^2\,\pi^2 + 37632\,C_2\,L^{10}\,b\,h^3\,r_0{}^2\,t\,\pi^2 + 37632\,C_2\,L^{10}\,b^3\,h\,r_0\,t^2\,\pi^2 +$$
$$37632\,C_2\,L^{10}\,b^3\,h\,r_0{}^2\,t\,\pi^2 + 12672\,C_2\,L^{10}\,b\,h^2\,r_0\,t^3\,\pi^3 + 12672\,C_2\,L^{10}\,b\,h^2\,r_0{}^3\,t\,\pi^3 +$$
$$12672\,C_2\,L^{10}\,b^2\,h\,r_0\,t^3\,\pi^3 + 12672\,C_2\,L^{10}\,b^2\,h\,r_0{}^3\,t\,\pi^3 + 46800\,\pi\,C_1\,L^{10}\,b\,h^4\,r_0\,t +$$
$$46800\,\pi\,C_1\,L^{10}\,b^4\,h\,r_0\,t + 49920\,\pi\,C_2\,L^{10}\,b\,h^4\,r_0\,t + 49920\,\pi\,C_2\,L^{10}\,b^4\,h\,r_0\,t + 27576\,C_1\,L^{10}\,b^2\,h^2\,r_0\,t^2\,\pi^2 +$$
$$27576\,C_1\,L^{10}\,b^2\,h^2\,r_0{}^2\,t\,\pi^2 + 3564\,C_1\,L^{10}\,b\,h^2\,r_0{}^2\,t^2\,\pi^3 + 3564\,C_1\,L^{10}\,b^2\,h\,r_0{}^2\,t^2\,\pi^3 +$$
$$56448\,C_2\,L^{10}\,b^2\,h^2\,r_0\,t^2\,\pi^2 + 56448\,C_2\,L^{10}\,b^2\,h^2\,r_0{}^2\,t\,\pi^2 + 19008\,C_2\,L^{10}\,b\,h^2\,r_0{}^2\,t^2\,\pi^3 +$$
$$19008\,C_2\,L^{10}\,b^2\,h\,r_0{}^2\,t^2\,\pi^3$$

$$\mathrm{a}_{t,3} = 2400\,\pi\,C_1\,L^{11}\,b^4\,t^2 + 768\,\pi\,C_2\,L^{11}\,b^4\,t^2 + 2400\,\pi\,C_1\,L^{11}\,h^4\,t^2 + 768\,\pi\,C_2\,L^{11}\,h^4\,t^2 +$$
$$768\,C_1\,L^{11}\,b^3\,t^3\,\pi^2 + 88\,C_1\,L^{11}\,b^2\,t^4\,\pi^3 + 512\,C_2\,L^{11}\,b^3\,t^3\,\pi^2 + 192\,C_2\,L^{11}\,b^2\,t^4\,\pi^3 +$$
$$768\,C_1\,L^{11}\,h^3\,t^3\,\pi^2 + 88\,C_1\,L^{11}\,h^2\,t^4\,\pi^3 + 512\,C_2\,L^{11}\,h^3\,t^3\,\pi^2 + 192\,C_2\,L^{11}\,h^2\,t^4\,\pi^3 +$$
$$2304\,C_1\,L^{11}\,b^3\,r_0\,t^2\,\pi^2 + 2304\,C_1\,L^{11}\,b^3\,r_0{}^2\,t\,\pi^2 + 352\,C_1\,L^{11}\,b^2\,r_0\,t^3\,\pi^3 + 352\,C_1\,L^{11}\,b^2\,r_0{}^3\,t\,\pi^3 +$$
$$1536\,C_2\,L^{11}\,b^3\,r_0\,t^2\,\pi^2 + 1536\,C_2\,L^{11}\,b^3\,r_0{}^2\,t\,\pi^2 + 768\,C_2\,L^{11}\,b^2\,r_0\,t^3\,\pi^3 + 768\,C_2\,L^{11}\,b^2\,r_0{}^3\,t\,\pi^3 +$$
$$2304\,C_1\,L^{11}\,h^3\,r_0\,t^2\,\pi^2 + 2304\,C_1\,L^{11}\,h^3\,r_0{}^2\,t\,\pi^2 + 352\,C_1\,L^{11}\,h^2\,r_0\,t^3\,\pi^3 + 352\,C_1\,L^{11}\,h^2\,r_0{}^3\,t\,\pi^3 +$$
$$1536\,C_2\,L^{11}\,h^3\,r_0\,t^2\,\pi^2 + 1536\,C_2\,L^{11}\,h^3\,r_0{}^2\,t\,\pi^2 + 768\,C_2\,L^{11}\,h^2\,r_0\,t^3\,\pi^3 + 768\,C_2\,L^{11}\,h^2\,r_0{}^3\,t\,\pi^3 +$$
$$4800\,\pi\,C_1\,L^{11}\,b^4\,r_0\,t + 1536\,\pi\,C_2\,L^{11}\,b^4\,r_0\,t + 4800\,\pi\,C_1\,L^{11}\,h^4\,r_0\,t + 1536\,\pi\,C_2\,L^{11}\,h^4\,r_0\,t +$$
$$528\,C_1\,L^{11}\,b^2\,r_0{}^2\,t^2\,\pi^3 + 1152\,C_2\,L^{11}\,b^2\,r_0{}^2\,t^2\,\pi^3 + 528\,C_1\,L^{11}\,h^2\,r_0{}^2\,t^2\,\pi^3 + 1152\,C_2\,L^{11}\,h^2\,r_0{}^2\,t^2\,\pi^3 +$$
$$9600\,\pi\,C_1\,L^{11}\,b\,h^3\,t^2 + 9600\,\pi\,C_1\,L^{11}\,b^3\,h\,t^2 + 3072\,\pi\,C_2\,L^{11}\,b\,h^3\,t^2 + 3072\,\pi\,C_2\,L^{11}\,b^3\,h\,t^2 +$$
$$176\,C_1\,L^{11}\,b\,h\,t^4\,\pi^3 + 384\,C_2\,L^{11}\,b\,h\,t^4\,\pi^3 + 14400\,\pi\,C_1\,L^{11}\,b^2\,h^2\,t^2 + 2304\,C_1\,L^{11}\,b\,h^2\,t^3\,\pi^2 +$$
$$2304\,C_1\,L^{11}\,b^2\,h\,t^3\,\pi^2 + 4608\,C_2\,L^{11}\,b^2\,h^2\,t^2 + 1536\,C_2\,L^{11}\,b\,h^2\,t^3\,\pi^2 + 1536\,C_2\,L^{11}\,b^2\,h\,t^3\,\pi^2 +$$
$$28800\,\pi\,C_1\,L^{11}\,b^2\,h^2\,r_0\,t + 9216\,\pi\,C_2\,L^{11}\,b^2\,h^2\,r_0\,t + 704\,C_1\,L^{11}\,b\,h\,r_0\,t^3\,\pi^3 + 704\,C_1\,L^{11}\,b\,h\,r_0{}^3\,t\,\pi^3 +$$
$$1536\,C_2\,L^{11}\,b\,h\,r_0\,t^3\,\pi^3 + 1536\,C_2\,L^{11}\,b\,h\,r_0{}^3\,t\,\pi^3 + 6912\,C_1\,L^{11}\,b\,h^2\,r_0\,t^2\,\pi^2 + 6912\,C_1\,L^{11}\,b\,h^2\,r_0{}^2\,t\,\pi^2 +$$
$$6912\,C_1\,L^{11}\,b^2\,h\,r_0\,t^2\,\pi^2 + 6912\,C_1\,L^{11}\,b^2\,h\,r_0{}^2\,t\,\pi^2 + 1056\,C_1\,L^{11}\,b\,h\,r_0{}^2\,t^2\,\pi^3 + 4608\,C_2\,L^{11}\,b\,h^2\,r_0\,t^2\,\pi^2 +$$
$$4608\,C_2\,L^{11}\,b\,h^2\,r_0{}^2\,t\,\pi^2 + 4608\,C_2\,L^{11}\,b^2\,h\,r_0\,t^2\,\pi^2 + 4608\,C_2\,L^{11}\,b^2\,h\,r_0{}^2\,t\,\pi^2 + 2304\,C_2\,L^{11}\,b\,h\,r_0{}^2\,t^2\,\pi^3 +$$
$$19200\,\pi\,C_1\,L^{11}\,b\,h^3\,r_0\,t + 19200\,\pi\,C_1\,L^{11}\,b^3\,h\,r_0\,t + 6144\,\pi\,C_2\,L^{11}\,b\,h^3\,r_0\,t + 6144\,\pi\,C_2\,L^{11}\,b^3\,h\,r_0\,t$$

$$a_{t,2} = 1440\,C_1\,\pi\,L^{12}\,b^3\,r_0\,t + 720\,C_1\,\pi\,L^{12}\,b^3\,t^2 + 4320\,C_1\,\pi\,L^{12}\,b^2\,h\,r_0\,t + 2160\,C_1\,\pi\,L^{12}\,b^2\,h\,t^2 +$$
$$696\,C_1\,\pi^2\,L^{12}\,b^2\,r_0{}^2\,t + 696\,C_1\,\pi^2\,L^{12}\,b^2\,r_0\,t^2 + 232\,C_1\,\pi^2\,L^{12}\,b^2\,t^3 + 4320\,C_1\,\pi\,L^{12}\,b\,h^2\,r_0\,t +$$
$$2160\,C_1\,\pi\,L^{12}\,b\,h^2\,t^2 + 1392\,C_1\,\pi^2\,L^{12}\,b\,h\,r_0{}^2\,t + 1392\,C_1\,\pi^2\,L^{12}\,b\,h\,r_0\,t^2 + 464\,C_1\,\pi^2\,L^{12}\,b\,h\,t^3 +$$
$$104\,C_1\,\pi^3\,L^{12}\,b\,r_0{}^3\,t + 156\,C_1\,\pi^3\,L^{12}\,b\,r_0{}^2\,t^2 + 104\,C_1\,\pi^3\,L^{12}\,b\,r_0\,t^3 + 26\,C_1\,\pi^3\,L^{12}\,b\,t^4 +$$
$$1440\,C_1\,\pi\,L^{12}\,h^3\,r_0\,t + 720\,C_1\,\pi\,L^{12}\,h^3\,t^2 + 696\,C_1\,\pi^2\,L^{12}\,h^2\,r_0{}^2\,t + 696\,C_1\,\pi^2\,L^{12}\,h^2\,r_0\,t^2 +$$
$$232\,C_1\,\pi^2\,L^{12}\,h^2\,t^3 + 104\,C_1\,\pi^3\,L^{12}\,h\,r_0{}^3\,t + 156\,C_1\,\pi^3\,L^{12}\,h\,r_0{}^2\,t^2 + 104\,C_1\,\pi^3\,L^{12}\,h\,r_0\,t^3 +$$
$$26\,C_1\,\pi^3\,L^{12}\,h\,t^4$$

$$a_{t,1} = 192\,C_1\,\pi\,L^{13}\,b^2\,r_0\,t + 96\,C_1\,\pi\,L^{13}\,b^2\,t^2 + 384\,C_1\,\pi\,L^{13}\,b\,h\,r_0\,t + 192\,C_1\,\pi\,L^{13}\,b\,h\,t^2 +$$
$$96\,C_1\,\pi^2\,L^{13}\,b\,r_0{}^2\,t + 96\,C_1\,\pi^2\,L^{13}\,b\,r_0\,t^2 + 32\,C_1\,\pi^2\,L^{13}\,b\,t^3 + 192\,C_1\,\pi\,L^{13}\,h^2\,r_0\,t +$$
$$96\,C_1\,\pi\,L^{13}\,h^2\,t^2 + 96\,C_1\,\pi^2\,L^{13}\,h\,r_0{}^2\,t + 96\,C_1\,\pi^2\,L^{13}\,h\,r_0\,t^2 + 32\,C_1\,\pi^2\,L^{13}\,h\,t^3 +$$
$$16\,C_1\,\pi^3\,L^{13}\,r_0{}^3\,t + 24\,C_1\,\pi^3\,L^{13}\,r_0{}^2\,t^2 + 16\,C_1\,\pi^3\,L^{13}\,r_0\,t^3 + 4\,C_1\,\pi^3\,L^{13}\,t^4$$

$$b_{t,8} = 24\,L^6\,b^8 + 192\,L^6\,b^7\,h + 672\,L^6\,b^6\,h^2 + 1344\,L^6\,b^5\,h^3 + 1680\,L^6\,b^4\,h^4 +$$
$$1344\,L^6\,b^3\,h^5 + 672\,L^6\,b^2\,h^6 + 192\,L^6\,b\,h^7 + 24\,L^6\,h^8$$

$$b_{t,7} = 192\,L^7\,b^7 + 1344\,L^7\,b^6\,h + 4032\,L^7\,b^5\,h^2 + 6720\,L^7\,b^4\,h^3 + 6720\,L^7\,b^3\,h^4 +$$
$$4032\,L^7\,b^2\,h^5 + 1344\,L^7\,b\,h^6 + 192\,L^7\,h^7$$

$$b_{t,6} = 672\,L^8\,b^6 + 4032\,L^8\,b^5\,h + 10080\,L^8\,b^4\,h^2 + 13440\,L^8\,b^3\,h^3 + 10080\,L^8\,b^2\,h^4 +$$
$$4032\,L^8\,b\,h^5 + 672\,L^8\,h^6$$

$$b_{t,5} = 1344\,L^9\,b^5 + 6720\,L^9\,b^4\,h + 13440\,L^9\,b^3\,h^2 + 13440\,L^9\,b^2\,h^3 + 6720\,L^9\,b\,h^4 +$$
$$1344\,L^9\,h^5$$

$$b_{t,4} = 1680\,L^{10}\,b^4 + 6720\,L^{10}\,b^3\,h + 10080\,L^{10}\,b^2\,h^2 + 6720\,L^{10}\,b\,h^3 + 1680\,L^{10}\,h^4$$

$$b_{t,3} = 1344\,L^{11}\,b^3 + 4032\,L^{11}\,b^2\,h + 4032\,L^{11}\,b\,h^2 + 1344\,L^{11}\,h^3$$

$$b_{t,2} = 672\,L^{12}\,b^2 + 1344\,L^{12}\,b\,h + 672\,L^{12}\,h^2$$

$$b_{t,1} = 192\,L^{13}\,b + 192\,L^{13}\,h$$

$$b_{t,0} = 24\,L^{14}$$

In Appendix, in equation (A1)

$$\sigma_1 = k_{h1}\left(\hat{l}_1 + d_1\,x_1^2 - \hat{l}_1\,c_1\right)$$

In equation (A2)

$$\sigma_1 = 2l_2 s_{12} \quad \sigma_2 = 2l_2 c_{12} \quad \sigma_3 = k_{h1}\left(\hat{l}_1 + d_1 x_1^2 - \hat{l}_1 c_1\right)\sigma_5$$

$$\sigma_4 = l_2\,\hat{l}_1\,x_2\,c_1 - l_1\,\hat{l}_1\,x_2\,c_{12} - d_1\,l_2\,x_1^2\,x_2 - 2\,l_1\,\hat{l}_1\,x_2\,c_2 - l_2\,\hat{l}_1\,x_2 + l_1\,\hat{l}_1\,x_2\,c_{12}\,c_1 + l_1\,\hat{l}_1\,x_2\,s_{12}\,s_1$$
$$- 2\,d_1\,l_1\,x_1^2\,x_2\,c_2 + 2\,l_1\,\hat{l}_1\,x_2\,c_1\,c_2 + d_2\,l_1\,x_1^2\,x_2\,\sigma_6 + l_1\,\hat{l}_2\,x_1^2\,x_2\,\sigma_6 - l_1\,\hat{l}_2\,x_1^2\,c_{12}\,c_1 + d_2\,l_1\,x_1^2\,x_2\,s_{12}^2$$
$$+ l_1\,\hat{l}_2\,x_1^2\,s_{12}\,c_1 + 2\,d_1\,l_1\,x_1^2\,x_2\,s_{12}\,s_1 + l_1\,\hat{l}_1\,x_1\,x_2\,c_{12}\,s_1 - l_1\,\hat{l}_1\,x_1\,x_2\,s_{12}\,c_1 - l_1\,\hat{l}_2\,x_1^2\,x_2\,c_{12}\,s_{12}$$
$$+ 2\,d_1\,l_1\,x_1^2\,x_2\,c_{12}\,c_1$$

$$\sigma_5 = \hat{l}_2\,x_1^2\,x_3\,\sigma_8\,c_1 - \hat{l}_1\,x_2\,x_3\,\sigma_7 + \hat{l}_1\,x_2\,x_3\,\sigma_7\,c_1 + \hat{l}_1\,x_2\,x_3\,\sigma_8\,s_1 - \hat{l}_3\,x_1^2\,x_2\,\sigma_7\,s_{12} + \hat{l}_3\,x_1^2\,x_2\,\sigma_8\,c_{12}$$
$$+ d_3\,x_1^2\,x_2\,x_3\,{\sigma_7}^2 - \hat{l}_2\,x_1^2\,x_3\,\sigma_7\,c_1 + d_3\,x_1^2\,x_2\,x_3\,\sigma_8^2 + \hat{l}_1\,x_1\,x_2\,x_3\,\sigma_7\,s_1 - \hat{l}_1\,x_1\,x_2\,x_3\,\sigma_8\,c_1$$
$$+ 2\,d_2\,x_1^2\,x_2\,x_3\,\sigma_7\,c_{12} + \hat{l}_2\,x_1^2\,x_2\,x_3\,\sigma_7\,c_{12} - \hat{l}_2\,x_1^2\,x_2\,x_3\,\sigma_8\,c_{12} + 2\,d_2\,x_1^2\,x_2\,x_3\,\sigma_8\,s_{12} + 2\,d_1\,x_1^2\,x_2\,x_3\,\sigma_7\,c_1$$
$$+ 2\,d_1\,x_1^2\,x_2\,x_3\,\sigma_8\,s_1$$

$$\sigma_6 = c_{12}^2 \quad \sigma_7 = c_{123} \quad \sigma_8 = s_{123}$$

In equation (A3)

$$\sigma_1 = 2l_2 s_{12} \quad \sigma_2 = 2l_2 c_{12} \quad \sigma_5 = k_1\,x_2^2\,(\hat{l}_1 + d_1\,x_1^2 - \hat{l}_1\,c_1)\,\sigma_9\,\sigma_8$$
$$\sigma_6 = {c_{12}}^2 \quad \sigma_7 = {s_{12}}^2 \quad \sigma_9 = \hat{l}_3 + d_3\,{x_3}^2 - \hat{l}_3\,c_3 \quad \sigma_{10} = c_{123} \quad \sigma_{11} = s_{123}$$

$$\sigma_8 = \hat{l}_2\,x_1^2\,x_3\,\sigma_{11}\,c_1 - \hat{l}_1\,x_2\,x_3\,\sigma_{10} + \hat{l}_1\,x_2\,x_3\,\sigma_{10}\,c_1 + \hat{l}_1\,x_2\,x_3\,\sigma_{11}\,s_1$$
$$- \hat{l}_3\,x_1^2\,x_2\,\sigma_{10}\,s_{12} + \hat{l}_3\,x_1^2\,x_2\,\sigma_{11}\,c_{12} + d_3\,x_1^2\,x_2\,x_3\,{\sigma_{10}}^2 - \hat{l}_2\,x_1^2\,x_3\,\sigma_{10}\,c_1$$
$$+ d_3\,x_1^2\,x_2\,x_3\,\sigma_{11}^2 + \hat{l}_1\,x_1\,x_2\,x_3\,\sigma_{10}\,s_1 - \hat{l}_1\,x_1\,x_2\,x_3\,\sigma_{11}\,c_1 + 2\,d_2\,x_1^2\,x_2\,x_3\,\sigma_{10}\,c_{12}$$
$$+ \hat{l}_2\,x_1^2\,x_2\,x_3\,\sigma_{10}\,c_{12} - \hat{l}_2\,x_1^2\,x_2\,x_3\,\sigma_{11}\,c_{12} + 2\,d_2\,x_1^2\,x_2\,x_3\,\sigma_{11}\,s_{12}$$
$$+ 2\,d_1\,x_1^2\,x_2\,x_3\,\sigma_{10}\,c_1 + 2\,d_1\,x_1^2\,x_2\,x_3\,\sigma_{11}\,s_1$$

$$\sigma_4 = l_2\,\hat{l}_2\,x_1^2\,x_3\,c_{23} - d_3\,l_2\,x_1^2\,x_2^2\,x_3 - l_2\,\hat{l}_2\,x_1^2\,x_3\,c_3 - l_3\,\hat{l}_1\,x_2^2\,x_3\,\sigma_{10}$$
$$- l_2\,\hat{l}_3\,x_1^2\,x_2^2\,s_3 - d_2\,l_2\,x_1^2\,x_2^2\,x_3\,c_3 + l_3\,\hat{l}_1\,x_2^2\,x_3\,\sigma_{10}\,c_1 - 2\,l_2\,\hat{l}_1\,x_2^2\,x_3\,\sigma_{10}\,c_3$$
$$+ l_3\,\hat{l}_1\,x_2^2\,x_3\,\sigma_{11}\,s_1 - l_3\,\hat{l}_3\,x_1^2\,x_2^2\,\sigma_{10}\,s_{12} + l_3\,\hat{l}_3\,x_1^2\,x_2^2\,\sigma_{11}\,c_{12}$$
$$+ d_3\,l_3\,x_1^2\,x_2^2\,x_3\,{\sigma_{10}}^2 + d_3\,l_3\,x_1^2\,x_2^2\,x_3\,\sigma_{11}^2 + l_2\,\hat{l}_2\,x_1^2\,x_2\,x_3\,s_3 + l_3\,\hat{l}_2\,x_1^2\,x_2^2\,x_3\,\sigma_{10}\,c_{12}$$
$$- l_3\,\hat{l}_2\,x_1^2\,x_2^2\,x_3\,\sigma_{11}\,c_{12}$$
$$+ 2\,d_2\,l_3\,x_1^2\,x_2^2\,x_3\,\sigma_{11}\,s_{12} + 2\,d_1\,l_3\,x_1^2\,x_2^2\,x_3\,\sigma_{10}\,c_1$$
$$+ 2\,l_2\,\hat{l}_1\,x_2^2\,x_3\,\sigma_{10}\,c_1\,c_3 + 2\,d_1\,l_3\,x_1^2\,x_2^2\,x_3\,\sigma_{11}\,s_1 + 2\,l_2\,\hat{l}_1\,x_2^2\,x_3\,\sigma_{11}\,c_3\,s_1 - 2\,l_2\,\hat{l}_3\,x_1^2\,x_2^2\,\sigma_{10}\,s_{12}\,c_3$$
$$+ 2\,l_2\,\hat{l}_3\,x_1^2\,x_2^2\,\sigma_{11}\,c_{12}\,c_3$$
$$+ 2\,d_3\,l_2\,x_1^2\,x_2^2\,x_3\,{\sigma_{10}}^2\,c_3 + 2\,d_3\,l_2\,x_1^2\,x_2^2\,x_3\,\sigma_{11}^2\,c_3 - l_3\,\hat{l}_2\,x_1^2\,x_2\,x_3\,\sigma_{10}\,c_1$$
$$+ l_3\,\hat{l}_1\,x_1\,x_2^2\,x_3\,\sigma_{10}\,s_1 - l_3\,\hat{l}_1\,x_1\,x_2^2\,x_3\,\sigma_{11}\,c_1$$
$$+ l_3\,\hat{l}_2\,x_1^2\,x_2\,x_3\,\sigma_{11}\,c_1 + 2\,d_2\,l_3\,x_1^2\,x_2^2\,x_3\,\sigma_{10}\,c_{12}$$

$$+ 4 \, d_1 \, l_2 \, x_1^2 \, x_2^2 \, x_3 \, \sigma_{10} \, c_1 \, c_3$$

$$+ 4 \, d_1 \, l_2 \, x_1^2 \, x_2^2 \, x_3 \, \sigma_{11} \, c_3 \, s_1 - 2 \, l_2 \, \hat{l}_2 \, x_1^2 \, x_2 \, x_3 \, \sigma_{10} \, c_1 \, c_3$$

$$+ 2 \, l_2 \, \hat{l}_1 \, x_1 \, x_2^2 \, x_3 \, \sigma_{10} \, c_3 \, s_1 - 2 \, l_2 \, \hat{l}_1 \, x_1 \, x_2^2 \, x_3 \, \sigma_{11} \, c_1 \, c_3$$

$$+ 2 \, l_2 \, \hat{l}_2 \, x_1^2 \, x_2 \, x_3 \, \sigma_{11} \, c_1 \, c_3 + 4 \, d_2 \, l_2 \, x_1^2 \, x_2^2 \, x_3 \, \sigma_{10} \, c_{12} \, c_3 + 2 \, l_2 \, \hat{l}_2 \, x_1^2 \, x_2^2 \, x_3 \, \sigma_{10} \, c_{12} \, c_3$$

$$- 2 \, l_2 \, \hat{l}_2 \, x_1^2 \, x_2^2 \, x_3 \, \sigma_{11} \, c_{12} \, c_3 + 4 \, d_2 \, l_2 \, x_1^2 \, x_2^2 \, x_3 \, \sigma_{11} \, s_{12} \, c_3$$

$$\sigma_3 = l_1 \, \hat{l}_2^2 \, x_1^4 \, x_3 \, \sigma_{10} \, c_1 - d_1 \, l_2 \, \hat{l}_3 \, x_1^4 \, x_2^3 \, s_3 - l_3 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{10} \, c_1{}^2$$

$$- l_2 \, \hat{l}_1 \, \hat{l}_3 \, x_1^2 \, x_2^3 \, s_3 - 2 \, l_1 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{10} \, c_{23} - d_1 \, d_3 \, l_2 \, x_1^4 \, x_2^3 \, x_3 - d_3 \, l_2 \, \hat{l}_1 \, x_1^2 \, x_2^3 \, x_3 - l_3 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{10}$$

$$+ 2 \, l_3 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{10} \, c_1 - 2 \, l_2 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{10} \, c_3 - l_1 \, \hat{l}_2^2 \, x_1^4 \, x_3 \, \sigma_{11} \, c_1$$

$$+ l_3 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{11} \, s_1 - l_1 \, \hat{l}_2^2 \, x_1^4 \, x_2 \, x_3 \, \sigma_{10} \, c_{12}$$

$$- l_1 \, \hat{l}_2^2 \, x_1^4 \, x_3 \, c_{23} \, s_{12} \, c_1 + d_2 \, l_1 \, \hat{l}_3 \, x_1^4 \, x_2^3 \, \sigma_{10} \, s_{12} - d_2 \, l_1 \, \hat{l}_3 \, x_1^4 \, x_2^3 \, \sigma_{11} \, c_{12}$$

$$- d_1 \, l_3 \, \hat{l}_3 \, x_1^4 \, x_2^3 \, \sigma_{10} \, s_{12} + d_1 \, l_3 \, \hat{l}_3 \, x_1^4 \, x_2^3 \, \sigma_{11} \, c_{12} - l_3 \, \hat{l}_1 \, \hat{l}_3 \, x_1^2 \, x_2^3 \, \sigma_{10} \, s_{12}$$

$$+ l_3 \, \hat{l}_1 \, \hat{l}_3 \, x_1^2 \, x_2^3 \, \sigma_{11} \, c_{12} + l_1 \, \hat{l}_2^2 \, x_1^4 \, x_2 \, x_3 \, \sigma_{11} \, c_{12} - d_2 \, d_3 \, l_1 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_{10}{}^2$$

$$+ d_1 \, d_3 \, l_3 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_{10}{}^2 + l_1 \, \hat{l}_2^2 \, x_1^4 \, x_2 \, x_3 \, \sigma_6 \, c_3 - d_1 \, l_2 \, \hat{l}_2 \, x_1^4 \, x_2 \, x_3 \, c_3 + d_3 \, l_3 \, \hat{l}_1 \, x_1^2 \, x_2^3 \, x_3 \, \sigma_{10}{}^2$$

$$+ d_2 \, l_1 \, \hat{l}_3 \, x_1^4 \, x_2^3 \, \sigma_6 \, s_3 - l_1 \, \hat{l}_2^2 \, x_1^4 \, x_3 \, c_{12} \, c_1 \, c_3 - d_2 \, d_3 \, l_1 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_{11}^2 + d_1 \, d_3 \, l_3 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_{11}^2$$

$$- l_2 \, \hat{l}_1 \, \hat{l}_2 \, x_1^2 \, x_2 \, x_3 \, c_3 + l_1 \, \hat{l}_2 \, \hat{l}_3 \, x_1^4 \, x_2^3 \, \sigma_6 \, s_3$$

$$+ d_3 \, l_3 \, \hat{l}_1 \, x_1^2 \, x_2^3 \, x_3 \, \sigma_{11}^2 + d_2 \, l_1 \, \hat{l}_3 \, x_1^4 \, x_2^3 \, \sigma_7 \, s_3$$

$$+ l_1 \, \hat{l}_2^2 \, x_1^4 \, x_3 \, s_{12} \, c_1 \, c_3 + l_3 \, \hat{l}_1^2 \, x_1 \, x_2^3 \, x_3 \, \sigma_{10} \, s_1 - l_3 \, \hat{l}_1^2 \, x_1 \, x_2^3 \, x_3 \, \sigma_{11} \, c_1 - d_3 \, l_1 \, \hat{l}_1 \, x_1^2 \, x_2^3 \, x_3 \, c_{12}$$

$$- 2 \, d_2{}^2 \, l_1 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_{10} \, c_{12}$$

$$+ 4 \, l_1 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{10} \, c_{23} \, c_1 + l_1 \, \hat{l}_1 \, \hat{l}_2 \, x_1^2 \, x_2 \, x_3 \, \sigma_{10}$$

$$+ d_2{}^2 \, l_1 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_6 \, c_3 - 2 \, d_1 \, d_3 \, l_1 \, x_1^4 \, x_2^3 \, x_3 \, c_2 - d_1 \, d_2 \, l_2 \, x_1^4 \, x_2^3 \, x_3 \, c_3 - 2 \, d_2{}^2 \, l_1 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_{11} \, s_{12}$$

$$- 2 \, d_3 \, l_1 \, \hat{l}_1 \, x_1^2 \, x_2^3 \, x_3 \, c_2 + d_3 \, l_2 \, \hat{l}_1 \, x_1^2 \, x_2^3 \, x_3 \, c_1 - d_2 \, l_2 \, \hat{l}_1 \, x_1^2 \, x_2^3 \, x_3 \, c_3 + 2 \, l_1 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{11} \, c_{23} \, s_1$$

$$+ d_2{}^2 \, l_1 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_7 \, c_3 + 2 \, d_1{}^2 \, l_3 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_{10} \, c_1 - l_1 \, \hat{l}_2^2 \, x_1^4 \, x_2^2 \, x_3 \, \sigma_6 \, s_3 + d_1 \, l_2 \, \hat{l}_2 \, x_1^4 \, x_2^2 \, x_3 \, s_3$$

$$- l_1 \, \hat{l}_2^2 \, x_1^4 \, x_3 \, \sigma_{10} \, c_1 \, c_2 + 4 \, l_2 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{10} \, c_1 \, c_3 + l_2 \, \hat{l}_1 \, \hat{l}_2 \, x_1^2 \, x_2^2 \, x_3 \, s_3$$

$$+ l_3 \, \hat{l}_1^2 \, x_1 \, x_2^3 \, x_3 \, \sigma_{11} \, c_1{}^2 + l_1 \, \hat{l}_2^2 \, x_1^4 \, x_3 \, \sigma_{11} \, c_1 \, c_2 + d_2 \, d_3 \, l_1 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_6$$

$$+ 2 \, d_1{}^2 \, l_3 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_{11} \, s_1 + l_1 \, \hat{l}_2 \, \hat{l}_3 \, x_1^4 \, x_2 \, \sigma_{10} \, s_{12} - l_1 \, \hat{l}_2 \, \hat{l}_3 \, x_1^4 \, x_2 \, \sigma_{11} \, c_{12}$$

$$+ d_3 \, l_1 \, \hat{l}_2 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_6 - l_3 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{11} \, c_1 \, s_1 + 2 \, l_2 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{11} \, c_3 \, s_1$$

$$+ d_2 \, d_3 \, l_1 \, x_1^4 \, x_2^3 \, x_3 \, \sigma_7 + d_2 \, l_1 \, \hat{l}_1 \, x_1^2 \, x_2^3 \, x_3 \, \sigma_{10} - d_1 \, l_3 \, \hat{l}_1 \, x_1^2 \, x_2^3 \, x_3 \, \sigma_{10}$$

$$- d_3 \, l_1 \, \hat{l}_2 \, x_1^4 \, x_2 \, x_3 \, \sigma_{10}{}^2 - 2 \, l_1 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{10} \, c_{23} \, c_1{}^2 - l_1 \, \hat{l}_1 \, \hat{l}_3 \, x_1^2 \, x_2^3 \, c_{12} \, s_3$$

$$- d_3 \, l_1 \, \hat{l}_2 \, x_1^4 \, x_2 \, x_3 \, \sigma_{11}^2 - l_1 \, \hat{l}_2^2 \, x_1^4 \, x_2 \, x_3 \, \sigma_6 \, c_{23} + d_1 \, l_2 \, \hat{l}_2 \, x_1^4 \, x_2 \, x_3 \, c_{23} - 2 \, d_1 \, l_1 \, \hat{l}_3 \, x_1^4 \, x_2^3 \, c_2 \, s_3$$

$$+ l_1 \, \hat{l}_2^2 \, x_1^4 \, x_3 \, c_{12} \, c_{23} \, c_1 - 2 \, l_2 \, \hat{l}_1^2 \, x_2^3 \, x_3 \, \sigma_{10} \, c_1{}^2 \, c_3 + l_2 \, \hat{l}_1 \, \hat{l}_2 \, x_1^2 \, x_2 \, x_3 \, c_{23} - 2 \, l_1 \, \hat{l}_1 \, \hat{l}_3 \, x_1^2 \, x_2^3 \, c_2 \, s_3$$

$$+ l_2 \, \hat{l}_1 \, \hat{l}_3 \, x_1^2 \, x_2^3 \, c_1 \, s_3 - d_2 \, l_1 \, \hat{l}_2 \, x_1^4 \, x_2 \, x_3 \, c_{23} \, \sigma_7 - d_3 \, l_1 \, \hat{l}_2 \, x_1^4 \, x_2^3 \, x_3 \, c_{12} \, s_{12} - d_3 \, l_3 \, \hat{l}_1 \, x_1^2 \, x_2^3 \, x_3 \, \sigma_{11}^2 \, c_1$$

$$+ 2 \, d_3 \, l_2 \, \hat{l}_1 \, x_1^2 \, x_2^3 \, x_3 \, \sigma_{11}^2 \, c_3 - 2 \, d_2 \, l_1 \, \hat{l}_2 \, x_1^4 \, x_2 \, x_3 \, \sigma_{10} \, c_{12} - l_3 \, \hat{l}_1 \, \hat{l}_2 \, x_1^2 \, x_2^2 \, x_3 \, \sigma_{11} \, c_1{}^2$$

$$- l_3\, \hat{l}_1^2\, x_1\, x_2^3\, x_3\, \sigma_{10}\, c_1\, s_1 + 2\, l_2\, \hat{l}_1^2\, x_1\, x_2^3\, x_3\, \sigma_{10}\, c_3\, s_1 - 2\, l_2\, \hat{l}_1^2\, x_1\, x_2^3\, x_3\, \sigma_{11}\, c_1\, c_3 + 2\, d_1\, d_3\, l_1\, x_1^4\, x_2^3\, x_3\, c_{12}\, c_1$$

$$+ d_3\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, c_{12}\, c_1 - d_2\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, c_{12}\, c_3 - d_3\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, c_{12}\, c_1$$

$$+ d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, \sigma_6\, c_3 - 2\, d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, \sigma_{11}\, s_{12}$$

$$+ 4\, {d_1}^2\, l_1\, x_1^4\, x_2^3\, x_3\, \sigma_{10}\, c_{23}\, c_1 + d_3\, l_1\, \hat{l}_1\, {x_1}^3\, x_2^3\, x_3\, c_{12}\, s_1 - d_3\, l_1\, \hat{l}_1\, {x_1}^3\, x_2^3\, x_3\, s_{12}\, c_1$$

$$+ d_3\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, s_{12}\, c_1 + d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, \sigma_7\, c_3 - 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, \sigma_{10}\, c_1 + 2\, d_1\, d_3\, l_1\, x_1^4\, x_2^3\, x_3\, s_{12}\, s_1$$

$$+ l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, c_{12}\, s_3 - l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, \sigma_{10}\, c_1 - l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, \sigma_{10}\, c_2$$

$$+ d_3\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, s_{12}\, s_1 + l_1\, \hat{l}_2^2\, x_1^4\, x_2\, x_3\, c_{12}\, c_{23}\, s_{12} + 2\, l_1\, \hat{l}_1^2\, x_1\, x_2^3\, x_3\, \sigma_{11}\, c_{23}\, {c_1}^2$$

$$- 2\, d_1\, d_2\, l_1\, x_1^4\, x_2^3\, x_3\, c_2\, c_3 + 4\, {d_1}^2\, l_1\, x_1^4\, x_2^3\, x_3\, \sigma_{11}\, c_{23}\, s_1 - l_1\, \hat{l}_1\, \hat{l}_2\, {x_1}^3\, x_2\, x_3\, \sigma_{10}\, s_1$$

$$+ l_1\, \hat{l}_1\, \hat{l}_2\, {x_1}^3\, x_2\, x_3\, \sigma_{11}\, c_1 + 2\, d_3\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, c_1\, c_2 - 2\, d_2\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, c_2\, c_3$$

$$+ d_2\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, c_1\, c_3 - 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, \sigma_{11}\, s_1 - 2\, l_1\, \hat{l}_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_{23}\, c_1\, s_1$$

$$+ 4\, {d_1}^2\, l_2\, x_1^4\, x_2^3\, x_3\, \sigma_{10}\, c_1\, c_3 + 2\, d_1\, d_2\, l_3\, x_1^4\, x_2^3\, x_3\, \sigma_{10}\, c_{12} - l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, \sigma_{11}\, s_1$$

$$+ 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, c_2\, s_3 - 2\, d_1\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{23} + 2\, d_2\, l_3\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{12}$$

$$- d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2^3\, x_3\, \sigma_{10}\, c_{12} + d_1\, l_3\, \hat{l}_2\, x_1^4\, x_2^3\, x_3\, \sigma_{10}\, c_{12} + 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, c_2\, s_3$$

$$- l_2\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, c_1\, s_3 + l_3\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{12} - l_1\, \hat{l}_2^2\, x_1^4\, x_2\, x_3\, c_{12}\, s_{12}\, c_3 + 2\, l_2\, \hat{l}_1^2\, x_1\, x_2^3\, x_3\, \sigma_{11}\, {c_1}^2\, c_3$$

$$+ d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2^3\, x_3\, \sigma_{11}\, c_{12} - d_1\, l_3\, \hat{l}_2\, x_1^4\, x_2^3\, x_3\, \sigma_{11}\, c_{12} + 4\, {d_1}^2\, l_2\, x_1^4\, x_2^3\, x_3\, \sigma_{11}\, c_3\, s_1$$

$$+ 2\, d_1\, d_2\, l_3\, x_1^4\, x_2^3\, x_3\, \sigma_{11}\, s_{12} - l_3\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_{12}$$

$$- l_1\, \hat{l}_2\, \hat{l}_3\, x_1^4\, x_2^3\, c_{12}\, s_{12}\, s_3 - l_1\, \hat{l}_2\, \hat{l}_3\, x_1^4\, x_2\, \sigma_{10}\, s_{12}\, c_2$$

$$+ l_1\, \hat{l}_2\, \hat{l}_3\, x_1^4\, x_2\, \sigma_{11}\, c_{12}\, c_2 + d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2^3\, x_3\, \sigma_6\, c_3 + 2\, d_2\, l_3\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, s_{12}$$

$$- 2\, l_2\, \hat{l}_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_1\, c_3\, s_1 - 2\, d_1\, d_2\, l_1\, x_1^4\, x_2^3\, x_3\, \sigma_{10}\, c_1 - d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, \sigma_6\, s_3$$

$$- d_2\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_1 + 3\, d_1\, l_3\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_1$$

$$- 2\, d_1\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_3 + d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, \sigma_{10}\, c_1 - d_1\, l_3\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, \sigma_{10}\, c_1 + d_3\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, {\sigma_{10}}^2\, c_2$$

$$+ 2\, d_1\, l_1\, \hat{l}_3\, x_1^4\, x_2^3\, c_{12}\, c_1\, s_3 + l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, c_{12}\, c_{23}$$

$$- l_3\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, \sigma_{10}\, c_1 + l_1\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, c_{12}\, c_1\, s_3 - l_1\, \hat{l}_2\, \hat{l}_3\, x_1^4\, x_2^2\, c_{12}\, c_1\, s_3 - d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, \sigma_7\, s_3$$

$$+ l_1\, \hat{l}_2^2\, x_1^4\, x_2\, x_3\, c_{12}\, c_1\, s_3 - d_2\, l_1\, \hat{l}_1\, {x_1}^3\, x_2^3\, x_3\, \sigma_{10}\, s_1 + d_2\, l_1\, \hat{l}_1\, {x_1}^3\, x_2^3\, x_3\, \sigma_{11}\, c_1$$

$$+ d_1\, l_3\, \hat{l}_1\, {x_1}^3\, x_2^3\, x_3\, \sigma_{10}\, s_1 - d_1\, l_3\, \hat{l}_1\, {x_1}^3\, x_2^3\, x_3\, \sigma_{11}\, c_1 - d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, \sigma_{11}\, c_1$$

$$+ d_1\, l_3\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, \sigma_{11}\, c_1 + d_3\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, \sigma_{11}^2\, c_2 - 2\, d_1\, l_1\, \hat{l}_3\, x_1^4\, x_2^3\, \sigma_{10}\, c_{23}\, s_{12}$$

$$+ 2\, d_1\, l_1\, \hat{l}_3\, x_1^4\, x_2^3\, \sigma_{11}\, c_{12}\, c_{23} - 2\, d_1\, d_2\, l_1\, x_1^4\, x_2^3\, x_3\, \sigma_{11}\, s_1 + l_3\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, \sigma_{11}\, c_1$$

$$+ l_1\, \hat{l}_1\, \hat{l}_3\, {x_1}^3\, x_2^3\, c_{12}\, s_1\, s_3 - l_1\, \hat{l}_1\, \hat{l}_3\, {x_1}^3\, x_2^3\, s_{12}\, c_1\, s_3 + l_1\, \hat{l}_2\, \hat{l}_3\, x_1^4\, x_2^2\, s_{12}\, c_1\, s_3$$

$$- 2\, l_1\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, \sigma_{10}\, c_{23}\, s_{12} + 2\, l_1\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, \sigma_{11}\, c_{12}\, c_{23} - l_1\, \hat{l}_2^2\, x_1^4\, x_2\, x_3\, s_{12}\, c_1\, s_3 - d_2\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, s_1$$

$$+ 3\, d_1\, l_3\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, s_1 + 2\, d_1\, l_1\, \hat{l}_3\, x_1^4\, x_2^3\, s_{12}\, s_1\, s_3 + 2\, d_1\, d_3\, l_1\, x_1^4\, x_2^3\, x_3\, {\sigma_{10}}^2\, c_{23}$$

$$+ l_1\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, s_{12}\, s_1\, s_3 + 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, c_{23}\, c_2 + 2\, d_3\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, {\sigma_{10}}^2\, c_{23} + 2\, d_1\, d_3\, l_1\, x_1^4\, x_2^3\, x_3\, \sigma_{11}^2\, c_{23}$$

$$- l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, c_{12}\, c_3 + 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, c_{23}\, c_2 - l_2\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, c_{23}\, c_1$$

$$+\, 2\, l_1\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, c_1\, c_2\, s_3 + 2\, d_3\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}^2\, c_{23} + l_1\, \hat{l}_2^2\, x_1^4\, x_2\, x_3\, \sigma_{10}\, c_{12}\, c_2 - 2\, d_1\, l_2\, \hat{l}_3\, x_1^4\, x_2^3\, \sigma_{10}\, s_{12}\, c_3$$

$$+\, 2\, d_1\, l_2\, \hat{l}_3\, x_1^4\, x_2^3\, \sigma_{11}\, c_{12}\, c_3 + l_3\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, \sigma_{10}\, s_{12}\, c_1 - l_3\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, \sigma_{11}\, c_{12}\, c_1 - 2\, l_2\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, \sigma_{10}\, s_{12}\, c_3$$

$$+\, 2\, l_2\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, \sigma_{11}\, c_{12}\, c_3 + l_1\, \hat{l}_2^2\, x_1^4\, x_2^2\, x_3\, c_{12}\, s_{12}\, s_3 + 2\, l_1\, \hat{l}_2^2\, x_1\, x_2^3\, x_3\, \sigma_{10}\, c_{23}\, s_1$$

$$-\, 2\, l_1\, \hat{l}_2^2\, x_1\, x_2^3\, x_3\, \sigma_{11}\, c_{23}\, c_1 - l_1\, \hat{l}_2^2\, x_1^4\, x_2\, x_3\, \sigma_{11}\, c_{12}\, c_2$$

$$+\, 2\, d_1\, d_3\, l_2\, x_1^4\, x_2^3\, x_3\, \sigma_{10}{}^2\, c_3 - 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, c_2\, c_3 - d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, \sigma_6\, c_{23}$$

$$-\, 2\, d_1\, l_3\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_1{}^2 - d_3\, l_3\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}{}^2\, c_1$$

$$+\, 2\, d_3\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}{}^2\, c_3 + 2\, d_1\, d_3\, l_2\, x_1^4\, x_2^3\, x_3\, \sigma_{11}^2\, c_3 - 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, c_2\, c_3$$

$$+\, l_2\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, c_1\, c_3 + l_3\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, \sigma_{10}\, c_1{}^2$$

$$+\, 4\, d_1\, d_2\, l_1\, x_1^4\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_{23} - 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, c_{12}\, c_1\, s_3$$

$$+\, d_2\, l_1\, \hat{l}_1\, x_1{}^3\, x_2^3\, x_3\, c_{12}\, c_3\, s_1 - d_2\, l_1\, \hat{l}_1\, x_1{}^3\, x_2^3\, x_3\, s_{12}\, c_1\, c_3$$

$$+\, d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, s_{12}\, c_1\, c_3 + 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, \sigma_{10}\, c_1\, c_2$$

$$+\, 4\, d_2\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_{23} + 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_{23}$$

$$+\, 2\, d_1\, d_2\, l_1\, x_1^4\, x_2^3\, x_3\, s_{12}\, c_3\, s_1 - l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, c_{12}\, c_1\, s_3 + l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, \sigma_{10}\, c_1\, c_2$$

$$+\, 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_{23}$$

$$+\, d_2\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, s_{12}\, c_3\, s_1 - 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2^3\, x_3\, \sigma_{11}\, c_{12}\, c_{23}$$

$$-\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1{}^3\, x_2^2\, x_3\, c_{12}\, s_1\, s_3 + l_1\, \hat{l}_1\, \hat{l}_2\, x_1{}^3\, x_2^2\, x_3\, s_{12}\, c_1\, s_3$$

$$+\, 4\, d_1\, d_2\, l_1\, x_1^4\, x_2^3\, x_3\, \sigma_{11}\, c_{23}\, s_{12} + l_1\, \hat{l}_1\, \hat{l}_2\, x_1{}^3\, x_2\, x_3\, \sigma_{10}\, c_2\, s_1 - l_1\, \hat{l}_1\, \hat{l}_2\, x_1{}^3\, x_2\, x_3\, \sigma_{11}\, c_1\, c_2$$

$$-\, 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_{12}\, c_{23}$$

$$+\, 2\, d_2\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, c_1\, c_2\, c_3 - 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, s_{12}\, s_1\, s_3 + 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, \sigma_{11}\, c_2\, s_1$$

$$+\, 4\, d_2\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_{23}\, s_{12} - l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, s_{12}\, s_1\, s_3$$

$$+\, 4\, d_1\, d_2\, l_2\, x_1^4\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_3 + l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, \sigma_{11}\, c_2\, s_1$$

$$+\, 6\, d_1\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{23}\, c_1 - 2\, d_2\, l_3\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_1 - 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, \sigma_{10}\, c_{23}\, c_1$$

$$+\, 4\, d_2\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_3 + 2\, d_1\, l_2\, \hat{l}_2\, x_1^4\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_3 - 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, c_1\, c_2\, s_3$$

$$-\, 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, \sigma_{10}\, c_{23}\, c_1 - l_3\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_1 + 2\, l_2\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_3$$

$$+\, 2\, d_1\, l_1\, \hat{l}_1\, x_1{}^3\, x_2^3\, x_3\, \sigma_{10}\, c_{23}\, s_1 - 2\, d_1\, l_1\, \hat{l}_1\, x_1{}^3\, x_2^3\, x_3\, \sigma_{11}\, c_{23}\, c_1$$

$$+\, 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, \sigma_{11}\, c_{23}\, c_1 - 2\, d_1\, l_2\, \hat{l}_2\, x_1^4\, x_2^3\, x_3\, \sigma_{11}\, c_{12}\, c_3$$

$$+\, 4\, d_1\, d_2\, l_2\, x_1^4\, x_2^3\, x_3\, \sigma_{11}\, s_{12}\, c_3 + 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, \sigma_{11}\, c_{23}\, c_1$$

$$+\, l_3\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_{12}\, c_1 - 2\, l_2\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_{12}\, c_3$$

$$+\, 6\, d_1\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_{23}\, s_1 - 2\, d_2\, l_3\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, s_{12}\, c_1$$

$$+\, 4\, d_2\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, s_{12}\, c_3 - 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, c_{12}\, c_{23}\, c_1$$

$$+\, 6\, d_1\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_1\, c_3 - 2\, d_1\, l_2\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, \sigma_{10}\, c_1\, c_3$$

$$-\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, c_{12}\, c_{23}\, c_1 - 2\, l_2\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, \sigma_{10}\, c_1\, c_3$$

$$+ 2\, d_1\, l_2\, \hat{l}_1\, x_1{}^3\, x_2^3\, x_3\, \sigma_{10}\, c_3\, s_1 - 2\, d_1\, l_2\, \hat{l}_1\, x_1{}^3\, x_2^3\, x_3\, \sigma_{11}\, c_1\, c_3$$

$$+ 2\, d_1\, l_2\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, \sigma_{11}\, c_1\, c_3 - l_1\, \hat{l}_1\, \hat{l}_2\, x_1{}^3\, x_2\, x_3\, c_{12}\, c_{23}\, s_1$$

$$+ l_1\, \hat{l}_1\, \hat{l}_2\, x_1{}^3\, x_2\, x_3\, c_{23}\, s_{12}\, c_1 + 2\, l_2\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, \sigma_{11}\, c_1\, c_3$$

$$+ 2\, l_1\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, \sigma_{10}\, c_{23}\, s_{12}\, c_1 - 2\, l_1\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, \sigma_{11}\, c_{12}\, c_{23}\, c_1 - 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, c_{23}\, s_{12}\, s_1$$

$$- 2\, d_1\, l_3\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_1\, s_1$$

$$+ 6\, d_1\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_3\, s_1 - l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, c_{23}\, s_{12}\, s_1$$

$$+ 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, c_{12}\, c_1\, c_3 - 4\, d_1\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{23}\, c_1{}^2$$

$$- 2\, d_3\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}{}^2\, c_{23}\, c_1 + l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, c_{12}\, c_1\, c_3$$

$$- 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, c_{23}\, c_1\, c_2$$

$$+ 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, \sigma_{10}\, c_{23}\, c_1{}^2 - 2\, d_3\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}^2\, c_{23}\, c_1 + l_1\, \hat{l}_1\, \hat{l}_2\, x_1{}^3\, x_2\, x_3\, c_{12}\, c_3\, s_1$$

$$- l_1\, \hat{l}_1\, \hat{l}_2\, x_1{}^3\, x_2\, x_3\, s_{12}\, c_1\, c_3 - 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, \sigma_{11}\, c_{23}\, c_1{}^2$$

$$+ 2\, l_2\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, \sigma_{10}\, s_{12}\, c_1\, c_3 - 2\, l_2\, \hat{l}_1\, \hat{l}_3\, x_1^2\, x_2^3\, \sigma_{11}\, c_{12}\, c_1\, c_3 + 2\, d_1\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, s_{12}\, c_3\, s_1$$

$$- 2\, l_1\, \hat{l}_1^2\, x_1\, x_2^3\, x_3\, \sigma_{10}\, c_{23}\, c_1\, s_1 + l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, s_{12}\, c_3\, s_1$$

$$- 4\, d_1\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_1{}^2\, c_3 - 2\, d_3\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}{}^2\, c_1\, c_3$$

$$+ 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2\, x_3\, c_1\, c_2\, c_3 + 2\, l_2\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, \sigma_{10}\, c_1{}^2\, c_3$$

$$- d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2^3\, x_3\, c_{12}\, s_{12}\, c_3 - 2\, d_3\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}^2\, c_1\, c_3$$

$$+ 2\, d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, \sigma_{10}\, c_{12}\, c_2 - 2\, l_2\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^2\, x_3\, \sigma_{11}\, c_1{}^2\, c_3$$

$$- 2\, l_2\, \hat{l}_1^2\, x_1\, x_2^3\, x_3\, \sigma_{10}\, c_1\, c_3\, s_1 + 2\, d_1\, d_2\, l_1\, x_1^4\, x_2^3\, x_3\, c_{12}\, c_1\, c_3$$

$$+ d_2\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, c_{12}\, c_1\, c_3 - d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2^2\, x_3\, c_{12}\, c_1\, c_3$$

$$+ 2\, d_2\, l_1\, \hat{l}_2\, x_1^4\, x_2\, x_3\, \sigma_{11}\, s_{12}\, c_2 - 4\, d_2\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_{23}\, s_{12}\, c_1$$

$$- 4\, d_2\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_1\, c_3 - 2\, l_2\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_1\, c_3$$

$$+ 2\, l_2\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_{12}\, c_1\, c_3 - 4\, d_1\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_{23}\, c_1\, s_1 - 4\, d_2\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, s_{12}\, c_1\, c_3$$

$$- 4\, d_1\, l_2\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_1\, c_3\, s_1 - 4\, d_2\, l_1\, \hat{l}_1\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_{23}\, c_1$$

$$- 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^3\, x_3\, \sigma_{10}\, c_{12}\, c_{23}\, c_1 + 2\, l_1\, \hat{l}_1\, \hat{l}_2\, x_1^2\, x_2^3\, x_3\, \sigma_{11}\, c_{12}\, c_{23}\, c_1$$

In equation (A4)

$$\sigma_1 = c_{123} \quad \sigma_2 = s_{123}$$

$$\sigma_3 = 2d_2\sigma_1 c_{12} + \hat{l}_2\sigma_1 c_{12} - \hat{l}_2\sigma_2 c_{12} + 2d_2\sigma_2 s_{12} + 2d_1\sigma_1 c_1 + 2d_1\sigma_2 s_1 + d_3\sigma_1^2 + d_3\sigma_2^2$$

$$\sigma_4 = \left(\hat{l}_1 + d_1 x_1^2 - \hat{l}_1 c_1\right) \quad \sigma_5 = \left(\hat{l}_3 + d_3 x_3^2 - \hat{l}_3 c_3\right) \quad \sigma_6 = -\sigma_1 + \sigma_1 c_1 + \sigma_2 s_1$$

$$\sigma_7 = -\sigma_1 s_{12} + \sigma_2 c_{12} \quad \sigma_8 = \sigma_1 s_1 - \sigma_2 c_1 \quad \sigma_9 = \sigma_2 - \sigma_1$$

In equation (A5)

$$\sigma_1 = 2l_2 s_{12} \quad \sigma_2 = 2l_2 c_{12} \quad \sigma_5 = k_1 x_2^2 (\hat{l}_1 + d_1 x_1^2 - \hat{l}_1 c_1)\sigma_9 \sigma_8$$

$$\sigma_6 = c_{12}^2 \quad \sigma_7 = s_{12}^2 \quad \sigma_9 = \hat{l}_3 + d_3 x_3^2 - \hat{l}_3 c_3 \quad \sigma_{10} = c_{123} \quad \sigma_{11} = s_{123}$$

$$
\begin{aligned}
\sigma_4 =& l_2 \hat{l}_3 x_1^2 x_2^2 \tau_{s2} + d_3 l_2 x_1^2 x_2^2 x_3^2 \tau_{s2} - d_3 l_2 x_1^2 x_2^2 x_3^2 \tau_{s3} - l_2 \hat{l}_3 x_1^2 x_2^2 \tau_{s2} c_3 - l_2 \hat{l}_2 x_1^2 x_3^2 \tau_{s3} c_3 \\
& - l_3 \hat{l}_1 x_2^2 x_3^2 \tau_{s3} \sigma_{10} + l_2 \hat{l}_2 x_1^2 x_3^2 \tau_{s3} c_{23} + l_3 \hat{l}_1 x_2^2 x_3^2 \tau_{s3} \sigma_{10} c_1 - 2 l_2 \hat{l}_1 x_2^2 x_3^2 \tau_{s3} \sigma_{10} c_3 \\
& + l_3 \hat{l}_1 x_2^2 x_3^2 \tau_{s3} \sigma_{11} s_1 + d_3 l_3 x_1^2 x_2^2 x_3^2 \tau_{s3} \sigma_{10}{}^2 + d_3 l_3 x_1^2 x_2^2 x_3^2 \tau_{s3} \sigma_{11}{}^2 + l_2 \hat{l}_2 x_1^2 x_2 x_3^2 \tau_{s3} s_3 \\
& - l_2 \hat{l}_3 x_1^2 x_2^2 x_3 \tau_{s3} s_3 - 2 d_2 l_2 x_1^2 x_2^2 x_3^2 \tau_{s3} c_3 + 2 l_2 \hat{l}_1 x_2^2 x_3^2 \tau_{s3} \sigma_{10} c_1 c_3 + 2 d_1 l_3 x_1^2 x_2^2 x_3^2 \tau_{s3} \sigma_{11} s_1 \\
& + 2 l_2 \hat{l}_1 x_2^2 x_3^2 \tau_{s3} \sigma_{11} c_3 s_1 + 2 d_3 l_2 x_1^2 x_2^2 x_3^2 \tau_{s3} \sigma_{10}{}^2 c_3 + 2 d_3 l_2 x_1^2 x_2^2 x_3^2 \tau_{s3} \sigma_{11}{}^2 c_3 \\
& + l_3 \hat{l}_2 x_1^2 x_2 x_3^2 \tau_{s3} \sigma_{10} c_{12} - l_3 \hat{l}_2 x_1^2 x_2 x_3^2 \tau_{s3} \sigma_{11} c_{12} - l_3 \hat{l}_3 x_1^2 x_2^2 x_3 \tau_{s3} \sigma_{10} s_{12} \\
& + l_3 \hat{l}_3 x_1^2 x_2^2 x_3 \tau_{s3} \sigma_{11} c_{12} - l_3 \hat{l}_2 x_1^2 x_2 x_3^2 \tau_{s3} \sigma_{10} c_1 + l_3 \hat{l}_1 x_1 x_2^2 x_3^2 \tau_{s3} \sigma_{10} s_1 - l_3 \hat{l}_1 x_1 x_2^2 x_3^2 \tau_{s3} \sigma_{11} c_1 \\
& + l_3 \hat{l}_2 x_1^2 x_2 x_3^2 \tau_{s3} \sigma_{11} c_1 + 2 d_2 l_3 x_1^2 x_2^2 x_3^2 \tau_{s3} \sigma_{10} c_{12} + 2 d_2 l_3 x_1^2 x_2^2 x_3^2 \tau_{s3} \sigma_{11} s_{12} \\
& + 2 d_1 l_3 x_1^2 x_2^2 x_3^2 \tau_{s3} \sigma_{10} c_1 + 2 l_2 \hat{l}_2 x_1^2 x_2 x_3^2 \tau_{s3} \sigma_{10} c_{12} c_3 - 2 l_2 \hat{l}_2 x_1^2 x_2 x_3^2 \tau_{s3} \sigma_{11} c_{12} c_3 \\
& - 2 l_2 \hat{l}_3 x_1^2 x_2^2 x_3 \tau_{s3} \sigma_{10} s_{12} c_3 + 2 l_2 \hat{l}_3 x_1^2 x_2^2 x_3 \tau_{s3} \sigma_{11} c_{12} c_3 - 2 l_2 \hat{l}_2 x_1^2 x_2 x_3^2 \tau_{s3} \sigma_{10} c_1 c_3 \\
& + 2 l_2 \hat{l}_1 x_1 x_2^2 x_3^2 \tau_{s3} \sigma_{10} c_3 s_1 - 2 l_2 \hat{l}_1 x_1 x_2^2 x_3^2 \tau_{s3} \sigma_{11} c_1 c_3 + 2 l_2 \hat{l}_2 x_1^2 x_2 x_3^2 \tau_{s3} \sigma_{11} c_1 c_3 \\
& + 4 d_2 l_2 x_1^2 x_2^2 x_3^2 \tau_{s3} \sigma_{10} c_{12} c_3 + 4 d_2 l_2 x_1^2 x_2^2 x_3^2 \tau_{s3} \sigma_{11} s_{12} c_3 + 4 d_1 l_2 x_1^2 x_2^2 x_3^2 \tau_{s3} \sigma_{10} c_1 c_3 \\
& + 4 d_1 l_2 x_1^2 x_2^2 x_3^2 \tau_{s3} \sigma_{11} c_3 s_1
\end{aligned}
$$

$$
\begin{aligned}
\sigma_8 =& \hat{l}_2 x_1^2 x_3 \sigma_{11} c_1 - \hat{l}_1 x_2 x_3 \sigma_{10} + \hat{l}_1 x_2 x_3 \sigma_{10} c_1 + \hat{l}_1 x_2 x_3 \sigma_{11} s_1 + \hat{l}_2 x_1^2 x_3 \sigma_{10} c_{12} - \hat{l}_2 x_1^2 x_3 \sigma_{11} c_{12} \\
& - \hat{l}_3 x_1^2 x_2 \sigma_{10} s_{12} + \hat{l}_3 x_1^2 x_2 \sigma_{11} c_{12} + d_3 x_1^2 x_2 x_3 \sigma_{10}^2 - \hat{l}_2 x_1^2 x_3 \sigma_{10} c_1 + d_3 x_1^2 x_2 x_3 \sigma_{11}^2 \\
& + \hat{l}_1 x_1 x_2 x_3 \sigma_{10} s_1 - \hat{l}_1 x_1 x_2 x_3 \sigma_{11} c_1 + 2 d_2 x_1^2 x_2 x_3 \sigma_{10} c_{12} + 2 d_2 x_1^2 x_2 x_3 \sigma_{11} s_{12} \\
& + 2 d_1 x_1^2 x_2 x_3 \sigma_{10} c_1 + 2 d_1 x_1^2 x_2 x_3 \sigma_{11} s_1
\end{aligned}
$$