> restart

>
$$c := c1 + c2 + c3 + \frac{2.09 \cdot 10^4 \cdot r^{-0.3017}}{360} + \frac{1.064 \cdot 10^6 \cdot a \cdot t^{0.4925}}{52.47 \cdot q \cdot 360} + \frac{4.242 \cdot 10^4 \cdot a \cdot t^{0.7952} + 1.812 \cdot i \cdot p \cdot (n \cdot t + 1.2 \cdot q)}{5.247 \cdot q \cdot 360} + \frac{4.25 \cdot 10^3 \cdot a (n \cdot t + 1.2 \cdot q)}{52.47 \cdot q \cdot 360} \cdot \frac{52.47 \cdot q \cdot 360}{360} + \frac{4.25 \cdot 10^3 \cdot a (n \cdot t + 1.2 \cdot q)}{52.47 \cdot q \cdot 360} \cdot \frac{360}{360} - \frac{360}{360}$$
 $c := c1 + c2 + c3 + \frac{58.0555555}{0.3017} + \frac{56.32848400 \cdot a t^{0.4925}}{q} + \frac{0.1049 \cdot q^{0.671}}{360}$
 $+ \frac{3.151198099 \cdot a (n \cdot t + 1.2 \cdot q)}{q^{1.1899}} + 0.0002913888889 \cdot q^{0.671}$

| $\frac{3}{a^2}c$
| $\frac{3}{a^2}c$
| $\frac{3}{a^2}c$ | $\frac{3732.38400 \cdot a}{(n \cdot t + 1.2 \cdot q)^{0.139}} + \frac{1.560132 \cdot i p \cdot n}{(n \cdot t + 1.2 \cdot q)^{0.139}} + \frac{3.151198099 \cdot D(a) \cdot (n \cdot t + 1.2 \cdot q) \cdot n}{q^{1.1899}}$
| $\frac{3}{a^2}\frac{\partial}{\partial a^2}c$
| $\frac{3}{a^2}\frac{\partial}{\partial a^2}c$ | $\frac{3732.38400 \cdot a}{t^{1.2048}} + \frac{1.560132 \cdot i p \cdot n}{(n \cdot t + 1.2 \cdot q)^{0.139}} + \frac{3.151198099 \cdot D(a) \cdot (n \cdot t + 1.2 \cdot q) \cdot n}{q^{1.1899}}$
| $\frac{3}{a^2}\frac{\partial}{\partial a^2}c$ | $\frac{3}{$

```
> \frac{\partial}{\partial q} \frac{\partial}{\partial q} c
\frac{112.6569680 \ a \ t^{0.4925}}{q^3} = \frac{0.00001653198765 \ i \ p}{(n \ t + 1.2 \ q)^{1.139} \ q} = \frac{0.0001982252716 \ i \ p}{(n \ t + 1.2 \ q)^{0.139} \ q^2} + \frac{0.0001058806090 \ \left(42420.0000 \ a \ t^{0.7952} + 1.812 \ i \ p \ (n \ t + 1.2 \ q)^{0.861}\right)}{q^3}
                                                                                                                                                                                                                        (5)
          + \; \frac{4.537725263 \; \mathsf{D}^{(2)}(a) \, (n \, t + 1.2 \, q)}{q^{1.1899}} \; - \; \frac{8.999065484 \; \mathsf{D}(a) \, (n \, t + 1.2 \, q)}{q^{2.1899}}
    \frac{27.74\overline{177837} \, a}{t^{0.5075} \, q^2} - \frac{0.00001377665637 \, i \, p \, n}{\left(n \, t + 1.2 \, q\right)^{1.139} \, q}
                                                                                                                                                                                                                        (6)
                 \frac{0.00005294030451 \left(\frac{33732.38400 \ a}{t^{0.2048}} + \frac{1.560132 \ i \ p \ n}{(n \ t + 1.2 \ q)^{0.139}}\right)}{a^{2}}
          + \frac{3.781437719 D^{(2)}(a) (n t + 1.2 q) n}{q^{1.1899}} - \frac{3.749610618 D(a) (n t + 1.2 q) n}{q^{2.1899}}
   \frac{27.74177837 a}{t^{0.5075} q^2} - \frac{0.00001377665637 i p n}{(n t + 1.2 q)^{1.139} q}
                                                                                                                                                                                                                        (7)
               \frac{0.00005294030451\left(\frac{33732.38400 \, a}{t^{0.2048}} + \frac{1.560132 \, i \, p \, n}{\left(n \, t + 1.2 \, q\right)^{0.139}}\right)}{q^2}
          + \frac{3.781437719 D^{(2)}(a) (n t + 1.2 q) n}{q^{1.1899}} - \frac{3.749610618 D(a) (n t + 1.2 q) n}{q^{2.1899}}
                                                                                             a := 0.20
                                                                                                                                                                                                                        (8)
                                                                                             c1 := 12.5
                                                                                                                                                                                                                        (9)
                                                                                              c2 := 0.5
                                                                                                                                                                                                                     (10)
                                                                                              c3 := 0.9
                                                                                                                                                                                                                     (11)
                                                                                               i := 0.10
                                                                                                                                                                                                                     (12)
                                                                                                 n := 2
                                                                                                                                                                                                                     (13)
                                                                                                                                                                                                                      .. ..
```

$$\begin{array}{c} c \\ > c \\ 13.9 + \frac{58.05555556}{\rho^{23017}} + \frac{11.26569680}{q} \frac{\rho^{.4925}}{q} \\ + \frac{0.00005294030451}{q} + \frac{10.26569680}{q} \frac{\rho^{.4925}}{q} \\ + \frac{0.6302396198}{q^{1.1899}} + 0.0002913888889 q^{0.671} \\ \\ > \frac{\partial}{\partial t} c \\ - \frac{17.51536111}{t^{13017}} + \frac{5.548355674}{\rho^{.5075}} \\ + \frac{0.00005294030451}{q} \left(\frac{6746.476800}{t^{1.2048}} + \frac{2184.184800}{(2t+1.2q)^{0.139}} \right) \\ + \frac{\partial}{\partial t} \frac{\partial}{\partial t} c \\ \frac{22.79974556}{t^{13017}} - \frac{2.815790505}{t^{13075}} \\ + \frac{0.00005294030451}{q} \left(-\frac{1381.678449}{t^{1.2048}} - \frac{607.2033744}{(2t+1.2q)^{1.139}} \right) \\ + \frac{\partial}{\partial t} a c \\ -\frac{11.26569680}{q^2} \frac{t^{0.4925}}{t} + \frac{0.06937884505}{(2t+1.2q)^{1.139}} \\ -\frac{0.00005294030451}{q} \left(\frac{8484.00000}{q^{0.7952}} + \frac{1268.40000}{2(t+1.2q)^{0.861}} \right) \\ -\frac{0.7499221236}{q^{2.1899}} + \frac{0.0001955219445}{q^{0.329}} \\ > \frac{\partial}{\partial t} \frac{\partial t}{\partial t} c \\ \frac{22.53139360}{q^{0.4925}} - \frac{0.01157239135}{(2t+1.2q)^{1.139}} \frac{0.1387576901}{q^{0.212}} \\ + \frac{1.642254458}{q^{3.1899}} - \frac{0.00006432671974}{q^{1.329}} \\ > \frac{\partial}{\partial t} \frac{\partial t}{\partial t} c \\ > \frac{\partial}{\partial t} \frac{\partial t}{\partial t} c \\ \end{array}$$

(2.0)

$$-\frac{5.548355674}{t^{0.5075}q^2} - \frac{0.01928731892}{(2t+1.2q)^{1.139}q}$$

$$-\frac{0.00005294030451}{q^2} \left(\frac{6746.476800}{t^{0.2048}} + \frac{2184.184800}{(2t+1.2q)^{0.139}}\right)$$

$$-\frac{\partial}{\partial q} \frac{\partial}{\partial t} c$$

$$-\frac{5.548355674}{t^{0.5075}q^2} - \frac{0.01928731892}{(2t+1.2q)^{1.139}q}$$

$$-\frac{0.00005294030451}{q^2} \left(\frac{6746.476800}{t^{0.2048}} + \frac{2184.184800}{(2t+1.2q)^{0.139}}\right)$$

$$-\frac{q^2}{q^2}$$
(21)