```
Solve[i h D[X[t], t] == c o P p[t] + (e A0 - 2 m c ^ 2) X[t], p[t]]
```

$$\left\{\left\{p[t] \rightarrow \frac{-A0\ e\ X[t] + 2\ c^2\ m\ X[t] + h\ i\ X'[t]}{c\ o\ P}\right\}\right\}$$

$$p[t\_] := \frac{-A0\ e\ X[t] + 2\ c^2\ m\ X[t] + h\ i\ X'[t]}{c\ o\ P}$$

```
Solve[i h p'[t] - c o P X[t] - e A0 p[t] == 0, X[t]]
```

$$\left\{\left\{X[t] \rightarrow \frac{-A0\ e\ p[t] + h\ i\ p'[t]}{c\ o\ P}\right\}\right\}$$

```
p[t_] =.
```

```
Series[Sqrt[(1 + b)], {b, 0, 10}]
```

$$1 + \frac{b}{2} - \frac{b^2}{8} + \frac{b^3}{16} - \frac{5\ b^4}{128} + \frac{7\ b^5}{256} - \frac{21\ b^6}{1024} + \frac{33\ b^7}{2048} - \frac{429\ b^8}{32768} + \frac{715\ b^9}{65536} - \frac{2431\ b^{10}}{262144} + O[b]^{11}$$

```
$Assumptions = True
```

True

```
c[a_, b_] := Simplify[a ** b - b ** a]
```

```
Exit[]
```

```
Solve[Ek ^ 2 + Ek (2 * E0 - e A0) + c[b] == 0, Ek]
```

$$\left\{\left\{Ek \rightarrow \frac{1}{2}\left(A0\ e - 2\ E0 - \sqrt{(-A0\ e + 2\ E0)^2 - 4\ c[b]}\right)\right\},\right.$$
$$\left.\left\{Ek \rightarrow \frac{1}{2}\left(A0\ e - 2\ E0 + \sqrt{(-A0\ e + 2\ E0)^2 - 4\ c[b]}\right)\right\}\right\}$$

```
Series[1/2 (A0 e - 2 E0 - Sqrt[(-A0 e + 2 E0) ^ 2 - 4 c[b]]), {b, 0, 10}]
```

$$\frac{1}{2}\left(A0\ e - 2\ E0 - \sqrt{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right) + \frac{c'[0]\ b}{\sqrt{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}} +$$

$$\left(\left(2\ c'[0]^2 + A0^2\ e^2\ c''[0] - 4\ A0\ e\ E0\ c''[0] + 4\ E0^2\ c''[0] - 4\ c[0]\ c''[0]\right)b^2\right) \Big/$$

$$\left(2\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^{3/2}\right) - \frac{1}{6}\left(\sqrt{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right.$$

$$\left(\left(3\ c'[0]\left(-\frac{4\ c'[0]^2}{\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2} - \frac{2\ c''[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\right) \Big/$$

$$\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) - \frac{c^{(3)}[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\right)$$

$$b^3 - \frac{1}{8} \left(\sqrt{A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]} \right.$$

$$\left(\left(c''[0] \left(-\frac{4\, c'[0]^2}{\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} - \frac{2\, c''[0]}{A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]} \right) \right) \middle/ \right.$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) + \frac{2\, c'[0]\, c^{(3)}[0]}{3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} +$$

$$\left(10\, c'[0] \left(\left(3\, c'[0] \left(-\frac{4\, c'[0]^2}{\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} - \right.\right.\right.\right.$$

$$\left.\frac{2\, c''[0]}{A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]} \right) \middle) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) -$$

$$\left.\frac{c^{(3)}[0]}{A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]} \right) \middle) \middle/ \left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) -$$

$$\left.\frac{c^{(4)}[0]}{3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)} \right) \middle) b^4 - \frac{1}{10} \left(\sqrt{A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]} \right.$$

$$\left(\left(\left(-\frac{4\, c'[0]^2}{\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} - \frac{2\, c''[0]}{A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]} \right) c^{(3)}[0] \right) \middle/ \right.$$

$$\left(6\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \left(4\, c''[0] \left(\left(3\, c'[0] \right.\right.\right.$$

$$\left. \left(-\frac{4\, c'[0]^2}{\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} - \frac{2\, c''[0]}{A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]} \right) \middle) \middle/ \right.$$

$$\left.\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - \frac{c^{(3)}[0]}{A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]} \right) \middle) \middle/$$

$$\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \frac{c'[0]\, c^{(4)}[0]}{3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} +$$

$$\frac{1}{2\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)}\, 7\, c'[0] \left(\left(c''[0] \right.\right.$$

$$\left.\left(-\frac{4\, c'[0]^2}{\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} - \frac{2\, c''[0]}{A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]} \right) \middle) \middle/ \right.$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) + \frac{2\, c'[0]\, c^{(3)}[0]}{3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} +$$

$$\left(10 \; c'[0] \left(\left(3 \; c'[0] \left(-\left(4 \; c'[0]^2\right) \middle/ \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\left.\frac{2 \; c''[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right)\right) \middle/ \right.$$

$$\left.\left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right)\right) \middle/$$

$$\left(3 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)\right) - \frac{c^{(4)}[0]}{3 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)}\right) -$$

$$\left.\frac{c^{(5)}[0]}{12 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)}\right)\right) b^5 -$$

$$\frac{1}{12}\left(\sqrt{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right.$$

$$\left(\left(c^{(3)}[0] \left(\left(3 \; c'[0] \left(-\frac{4 \; c'[0]^2}{\left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)^2} - \right.\right.\right.\right.\right.$$

$$\left.\left.\left.\frac{2 \; c''[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right)\right) \middle/ \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right) - \right.$$

$$\left.\left.\frac{c^{(3)}[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right)\right) \middle/ \left(3 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)\right) +$$

$$\frac{1}{2 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)} \; 3 \; c''[0] \left(\left(c''[0]\right.\right.$$

$$\left.\left.\left(-\frac{4 \; c'[0]^2}{\left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)^2} - \frac{2 \; c''[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right)\right) \middle/ \right.$$

$$\left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right) + \frac{2 \; c'[0] \; c^{(3)}[0]}{3 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)^2} +$$

$$\left(10 \; c'[0] \left(\left(3 \; c'[0] \left(-\left(4 \; c'[0]^2\right) \middle/ \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\left.\frac{2 \; c''[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right)\right) \middle/ \right.$$

$$\left.\left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right)\right) \middle/$$

$$\left(3 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)\right) - \frac{c^{(4)}[0]}{3 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)}\right) +$$

$$\frac{c'[0]\ c^{(5)}[0]}{10\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2} + \frac{1}{5\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)}$$

$$18\ c'[0]\left(\left(\left(-\frac{4\ c'[0]^2}{\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2} - \frac{2\ c''[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\right.\right.$$

$$\left.c^{(3)}[0]\right) \Big/ \left(6\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) +$$

$$\left(4\ c''[0]\left(\left(3\ c'[0]\left(-\left(4\ c'[0]^2\right)\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.$$

$$\left.\left.\frac{2\ c''[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\right) \Big/$$

$$\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) - \frac{c^{(3)}[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\Big/$$

$$\left(3\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \frac{c'[0]\ c^{(4)}[0]}{3\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2} +$$

$$\left(7\ c'[0]\left(\left(c''[0]\left(-\left(4\ c'[0]^2\right)\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.$$

$$\left.\left.\frac{2\ c''[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\right) \Big/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - \right.$$

$$4\ c[0]\right) + \frac{2\ c'[0]\ c^{(3)}[0]}{3\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2} + \left(10\ c'[0]\left(\left(3\ c'[0]\right.\right.\right.$$

$$\left(-\left(4\ c'[0]^2\right)\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \left(2\ c''[0]\right)\Big/$$

$$\left.\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + \right.$$

$$\left.4\ E0^2 - 4\ c[0]\right) - \frac{c^{(3)}[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\Big/\left(3\left(A0^2\ e^2 - \right.\right.$$

$$\left.\left.4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) - \frac{c^{(4)}[0]}{3\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)}\right)\Big/$$

$$\left(2\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) - \frac{c^{(5)}[0]}{12\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)} -$$

$$\frac{c^{(6)}[0]}{60\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)}\right)\right) b^6 -$$

$$\frac{1}{14}\left(\sqrt{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right.$$

$$\left(\left(\left(\left(3 \; c'[0] \left(-\frac{4 \; c'[0]^2}{\left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)^2} - \frac{2 \; c''[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right)\right)\right/\right.$$

$$\left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right)$$

$$\left. c^{(4)}[0]\right)\right/ \left(18 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)\right) +$$

$$\left(5 \; c^{(3)}[0] \left(\left(c''[0] \left(-\frac{4 \; c'[0]^2}{\left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)^2} - \right.\right.\right.$$

$$\left.\left.\left.\frac{2 \; c''[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right)\right)\right/$$

$$\left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right) + \frac{2 \; c'[0] \; c^{(3)}[0]}{3 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)^2} +$$

$$\left(10 \; c'[0] \left(\left(3 \; c'[0] \left(-\left(4 \; c'[0]^2\right)\right/ \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)^2 - \right.\right.\right.$$

$$\left.\left(2 \; c''[0]\right) \right/ \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)\right)\right) \left/ \left(A0^2 \; e^2 - 4 \; A0 \; e \right.$$

$$\left. E0 + 4 \; E0^2 - 4 \; c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right)\right) \left/ \left(3 \left(A0^2 \; e^2 - \right.\right.$$

$$\left.\left. 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)\right) - \frac{c^{(4)}[0]}{3 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)}\right)\right) \right/$$

$$\left(12 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)\right) - \left(\left(-\frac{4 \; c'[0]^2}{\left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)^2} - \right.\right.$$

$$\left.\left.\frac{2 \; c''[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right) c^{(5)}[0]\right) \right/$$

$$\left(120 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)\right) + \frac{1}{5 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)}$$

$$8 \; c''[0] \left(\left(\left(-\frac{4 \; c'[0]^2}{\left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)^2} - \frac{2 \; c''[0]}{A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]}\right)\right.$$

$$\left. c^{(3)}[0]\right) \right/ \left(6 \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)\right) +$$

$$\left(4 \; c''[0] \left(\left(3 \; c'[0] \left(-\left(4 \; c'[0]^2\right)\right/ \left(A0^2 \; e^2 - 4 \; A0 \; e \; E0 + 4 \; E0^2 - 4 \; c[0]\right)^2 - \right.\right.\right.$$

$$\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Bigg)\Bigg)\Bigg/$$

$$\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) - \frac{c^{(3)}[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Bigg)\Bigg)\Bigg/$$

$$\left(3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) + \frac{c'[0]\,c^{(4)}[0]}{3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} +$$

$$\left(7\,c'[0]\,\left(\left(c''[0]\,\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 -\right.\right.\right.$$

$$\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Bigg)\Bigg)\Bigg/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 -\right.$$

$$4\,c[0]\Big) + \frac{2\,c'[0]\,c^{(3)}[0]}{3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} + \left(10\,c'[0]\,\left(\left(3\,c'[0]\right.\right.\right.$$

$$\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \left(2\,c''[0]\right)\Big/\right.$$

$$\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\Big)\Big)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 +\right.$$

$$4\,E0^2 - 4\,c[0]\Big) - \frac{c^{(3)}[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Bigg)\Bigg)\Bigg/\left(3\,\left(A0^2\,e^2 -\right.\right.$$

$$4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - \frac{c^{(4)}[0]}{3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}\Bigg)\Bigg)\Bigg/$$

$$\left(2\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - \frac{c^{(5)}[0]}{12\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}\Bigg) +$$

$$\frac{c'[0]\,c^{(6)}[0]}{45\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} + \frac{1}{3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}$$

$$11\,c'[0]\,\left(\left(c^{(3)}[0]\,\left(\left(3\,c'[0]\,\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 -\right.\right.\right.\right.$$

$$\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Bigg)\Bigg)\Bigg/$$

$$\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) - \frac{c^{(3)}[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Bigg)\Bigg)\Bigg/$$

$$\left(3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) +$$

$$\left(3\,c''[0]\,\left(\left(c''[0]\,\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 -\right.\right.\right.$$

$$\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Bigg)\Bigg)\Bigg/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 -\right.$$

$$4 c[0] \Big) + \frac{2 c'[0] c^{(3)}[0]}{3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2} + \Bigg(10 c'[0] \Bigg(\Big(3 c'[0]\right.$$

$$\left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 - \left(2 c''[0]\right) \Big/ \right.$$

$$\left.\left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\Big) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + \right.$$

$$\left. 4 E0^2 - 4 c[0]\right) - \frac{c^{(3)}[0]}{A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]}\Bigg)\Bigg) \Big/ \left(3 \left(A0^2 e^2 - \right.\right.$$

$$\left.\left. 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) - \frac{c^{(4)}[0]}{3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)}\Bigg)\Bigg) \Big/$$

$$\left(2 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) + \frac{c'[0] c^{(5)}[0]}{10 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2} +$$

$$\Bigg(18 c'[0] \Bigg(\Bigg(\left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 - \right.$$

$$\left. \frac{2 c''[0]}{A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]}\right) c^{(3)}[0]\Bigg) \Big/$$

$$\left(6 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) + \Bigg(4 c''[0] \Bigg(\Big(3 c'[0]\right.$$

$$\left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 - \left(2 c''[0]\right) \Big/ \right.$$

$$\left.\left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\Big) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + \right.$$

$$\left. 4 E0^2 - 4 c[0]\right) - \frac{c^{(3)}[0]}{A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]}\Bigg)\Bigg) \Big/ \left(3 \left(A0^2 e^2 - \right.\right.$$

$$\left.\left. 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) + \frac{c'[0] c^{(4)}[0]}{3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2} +$$

$$\Bigg(7 c'[0] \Bigg(\left(c''[0] \left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 - \right.\right.$$

$$\left.\left. \left(2 c''[0]\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\right) \Big/$$

$$\left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right) + \left(2 c'[0] c^{(3)}[0]\right) \Big/$$

$$\left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2\right) + \Bigg(10 c'[0]$$

$$\Bigg(\Big(3 c'[0] \left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 - \right.$$

$$\left. \left(2 c''[0]\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\Big) \Big/ \left(A0^2 \right.$$

$$\left. e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2 e^2 - 4 A0 e E0 + \right.$$

$$\left. 4 E0^2 - 4 c[0]\right)\Bigg)\Bigg) \Big/ \left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) -$$

$$c^{(4)}[0] \Big/ \left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\Bigg)\Bigg) \Big/ \left(2 \left(A0^2 e^2 - \right.\right.$$

$$4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\Big)\Big) - \frac{c^{(5)}[0]}{12 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}\Bigg)\Bigg) \Big/$$

$$\left(5 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) - \frac{c^{(6)}[0]}{60 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}\Bigg) -$$

$$\frac{c^{(7)}[0]}{360 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}\Bigg)\Bigg) \, b^7 -$$

$$\frac{1}{16} \Bigg(\sqrt{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}$$

$$\Bigg(\Bigg(c^{(4)}[0]$$

$$\left(\left(c''[0] \left(-\frac{4 \, c'[0]^2}{\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} - \right.\right.\right.$$

$$\left.\left.\left.\frac{2 \, c''[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right) \Big/ \right.$$

$$\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) + \frac{2 \, c'[0] \, c^{(3)}[0]}{3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} +$$

$$\left(10 \, c'[0] \left(\left(3 \, c'[0] \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\left.\left.(2 \, c''[0]) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/ \right.\right.$$

$$\left.\left.\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right) \Big/$$

$$\left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) -$$

$$\frac{c^{(4)}[0]}{3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}\Bigg)\Bigg) \Big/ \left(12 \left(A0^2 \, e^2 - \right.\right.$$

$$\left.\left. 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) +$$

$$\left(\left(\left(3 \, c'[0] \left(-\frac{4 \, c'[0]^2}{\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} - \right.\right.\right.\right.$$

$$\left.\left.\left.\frac{2 \, c''[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right) \Big/ \right.$$

$$\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)$$

$$c^{(5)}[0] \Big/ \left(180 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) +$$

$$\left(7 \, c^{(3)}[0] \left(\left(\left(-\frac{4 \, c'[0]^2}{\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} - \frac{2 \, c''[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right.\right.\right.$$

$$\left.c^{(3)}[0]\right) \Big/ \left(6 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) +$$

$$\left(4 \, c''[0] \left(\left(3 \, c'[0] \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.$$

$$\left.\left.\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right) \Big/$$

$$\left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) + \frac{c'[0] \, c^{(4)}[0]}{3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} +$$

$$\left(7 \, c'[0] \left(\left(c''[0] \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.$$

$$\left.\left.\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/ \left(A0^2 \, e^2 - \right.$$

$$\left.4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) + \frac{2 \, c'[0] \, c^{(3)}[0]}{3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} +$$

$$\left(10 \, c'[0] \left(\left(3 \, c'[0] \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.$$

$$\left.\left.\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2 \, e^2 - 4 \, A0 \right.$$

$$\left.\left.e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) \Big/ \left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) -$$

$$\frac{c^{(4)}[0]}{3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}\right) \Big/ \left(2 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + \right.\right.$$

$$\left.\left.4 \, E0^2 - 4 \, c[0]\right)\right) - \frac{c^{(5)}[0]}{12 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}\right) \Big/$$

$$\left(15 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) - \left(\left(-\frac{4 \, c'[0]^2}{\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} - \right.\right.$$

$$\left.\left.\frac{2 \, c''[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right) c^{(6)}[0]\right) \Big/$$

$$\left(360 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) +$$

$$\frac{1}{3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}$$

$$c''[0]^5$$

$$\left(\left(\left(c^{(3)}[0]\left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \right.\right.\right.\right.\right.$$

$$\left.\left.\left.\left.\left.\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\right)\right)\Big/\right.\right.\right.$$

$$\left.\left.\left.\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) - \frac{c^{(3)}[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\right)\right)\Big/\right.$$

$$\left.\left(3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) + \right.$$

$$\left(3\,c''[0]\left(\left(c''[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\left.\left.\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\right)\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - \right.\right.\right.$$

$$\left.\left.4\,c[0]\right) + \frac{2\,c'[0]\,c^{(3)}[0]}{3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} + \left(10\,c'[0]\left(\left(3\,c'[0]\right.\right.\right.\right.$$

$$\left.\left.\left.\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \left(2\,c''[0]\right)\Big/\right.\right.\right.\right.$$

$$\left.\left.\left.\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + \right.\right.$$

$$\left.\left.4\,E0^2 - 4\,c[0]\right) - \frac{c^{(3)}[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\right)\right)\Big/\left(3\left(A0^2\,e^2 - \right.\right.$$

$$\left.\left.4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - \frac{c^{(4)}[0]}{3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}\right)\right)\Big/$$

$$\left(2\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) + \frac{c'[0]\,c^{(5)}[0]}{10\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} + $$

$$\left(18\,c'[0]\left(\left(\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\left.\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\right)\,c^{(3)}[0]\right)\Big/\right.$$

$$\left.\left(6\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) + \left(4\,c''[0]\left(\left(3\,c'[0]\right.\right.\right.\right.$$

$$\left.\left.\left.\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \left(2\,c''[0]\right)\Big/\right.\right.\right.$$

$$\left.\left.\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + \right.$$

$$4\ E0^2 - 4\ c[0] \Big) - \frac{c^{(3)}[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]} \Big)\Big) \Big/ \Big(3\ \Big(A0^2\ e^2 -$$

$$4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)\Big) + \frac{c'[0]\ c^{(4)}[0]}{3\ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)^2} +$$

$$\Big(7\ c'[0]\ \Big(\Big(c''[0]\ \Big(-\Big(4\ c'[0]^2\Big)\Big/ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)^2 -$$

$$(2\ c''[0])\Big)\Big/ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)\Big)\Big)\Big/$$

$$\Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big) + \Big(2\ c'[0]\ c^{(3)}[0]\Big)\Big/$$

$$\Big(3\ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)^2\Big) + \Big(10\ c'[0]$$

$$\Big(\Big(3\ c'[0]\ \Big(-\Big(4\ c'[0]^2\Big)\Big/ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)^2 -$$

$$(2\ c''[0])\Big)\Big/ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)\Big)\Big)\Big/ \Big(A0^2$$

$$e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big) - c^{(3)}[0]\Big/ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 +$$

$$4\ E0^2 - 4\ c[0]\Big)\Big)\Big)\Big/ \Big(3\ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)\Big) -$$

$$c^{(4)}[0]\Big/ \Big(3\ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)\Big)\Big)\Big)\Big/ \Big(2\ \Big(A0^2\ e^2 -$$

$$4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)\Big) - \frac{c^{(5)}[0]}{12\ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)}\Big)\Big)\Big/$$

$$\Big(5\ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)\Big) - \frac{c^{(6)}[0]}{60\ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)}\Big) +$$

$$\frac{c'[0]\ c^{(7)}[0]}{252\ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)^2} +$$

$$\frac{1}{7\ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)}$$

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$$c'[0]$$

$$\Big(\Big(\Big(\Big(3\ c'[0]\ \Big(-\Big(4\ c'[0]^2\Big)\Big/ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)^2 -$$

$$\frac{2\ c''[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ c[0]}\Big)\Big)\Big/$$

$$\Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big) - \frac{c^{(3)}[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\Big)$$

$$c^{(4)}[0]\Big)\Big/ \Big(18\ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)\Big) +$$

$$\Big(5\ c^{(3)}[0]\ \Big(\Big(c''[0]\ \Big(-\Big(4\ c'[0]^2\Big)\Big/ \Big(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\Big)^2 -$$

$$\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Bigg)\Bigg) \Bigg/ \Bigg(A0^2\,e^2 - 4\,A0\,e\,E0 +$$

$$4\,E0^2 - 4\,c[0]\Bigg) + \frac{2\,c'[0]\,c^{(3)}[0]}{3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} +$$

$$\Bigg(10\,c'[0]\,\Bigg(\Bigg(3\,c'[0]\,\Bigg(-\left(4\,c'[0]^2\right)\Big/\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 -$$

$$\left(2\,c''[0]\right)\Big/\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\Bigg)\Bigg)\Big/\,\Bigg(A0^2\,e^2 -$$

$$4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Bigg) - \frac{c^{(3)}[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Bigg)\Bigg)\Big/$$

$$\Bigg(3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\Bigg) -$$

$$\frac{c^{(4)}[0]}{3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}\Bigg)\Bigg)\Big/\,\Bigg(12\,\Big(A0^2$$

$$e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)\Bigg) -$$

$$\Bigg(\Bigg(-\frac{4\,c'[0]^2}{\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} - \frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Bigg)$$

$$c^{(5)}[0]\Bigg)\Big/\,\Bigg(120\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\Bigg) +$$

$$\Bigg(8\,c''[0]\,\Bigg(\Bigg(\Bigg(-\left(4\,c'[0]^2\right)\Big/\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 -$$

$$\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Bigg)\,c^{(3)}[0]\Bigg)\Big/$$

$$\Bigg(6\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\Bigg) + \Bigg(4\,c''[0]\,\Bigg(\Bigg(3\,c'[0]$$

$$\Bigg(-\left(4\,c'[0]^2\right)\Big/\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \left(2\,c''[0]\right)\Big/$$

$$\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\Bigg)\Bigg)\Big/\,\Bigg(A0^2\,e^2 - 4\,A0\,e\,E0 +$$

$$4\,E0^2 - 4\,c[0]\Bigg) - \frac{c^{(3)}[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Bigg)\Bigg)\Big/\,\Bigg(3\,\Big(A0^2\,e^2 -$$

$$4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)\Bigg) + \frac{c'[0]\,c^{(4)}[0]}{3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} +$$

$$\Bigg(7\,c'[0]\,\Bigg(\Bigg(c''[0]\,\Bigg(-\left(4\,c'[0]^2\right)\Big/\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 -$$

$$\left(2\,c''[0]\right)\Big/\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\Bigg)\Bigg)\Big/$$

$$\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) + \left(2\,c'[0]\,c^{(3)}[0]\right)\Big/$$

$$\Bigg(3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2\Bigg) + \Bigg(10\,c'[0]$$

$$\left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-\right.\right.\right.$$
$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\Big/\left(A0^2\right.$$
$$\left.e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)-c^{(3)}[0]\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+\right.$$
$$\left.\left.4\,E0^2-4\,c[0]\right)\right)\right)\Big/\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)-$$
$$c^{(4)}[0]\Big/\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\Big/\left(2\left(A0^2\,e^2-\right.\right.$$
$$\left.\left.4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)-\frac{c^{(5)}[0]}{12\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)}\right)\right)\Big/$$

$$\left(5\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)+\frac{c'[0]\,c^{(6)}[0]}{45\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2}+$$

$$\left(11\,c'[0]\left(\left(c^{(3)}[0]\left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-\right.\right.\right.\right.\right.$$
$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\Big/\left(A0^2\,e^2-\right.$$
$$\left.\left.4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)-\frac{c^{(3)}[0]}{A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]}\right)\right)\Big/$$
$$\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)+\left(3\,c''[0]\right.$$
$$\left(\left(c''[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-\right.\right.\right.$$
$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\Big/$$
$$\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)+\left(2\,c'[0]\,c^{(3)}[0]\right)\Big/$$
$$\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2\right)+\left(10\,c'[0]\right.$$
$$\left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-\right.\right.\right.$$
$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\Big/\left(A0^2\right.$$
$$\left.e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)-c^{(3)}[0]\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+\right.$$
$$\left.\left.4\,E0^2-4\,c[0]\right)\right)\Big/\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)-$$
$$c^{(4)}[0]\Big/\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\Big/\left(2\left(A0^2\,e^2-\right.\right.$$
$$\left.\left.4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)+\frac{c'[0]\,c^{(5)}[0]}{10\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2}+$$

$$\left(18\,c'[0]\left(\left(\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-\right.\right.\right.\right.$$
$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)c^{(3)}[0]\right)\Big/$$
$$\left(6\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)+\left(4\,c''[0]\right.$$
$$\left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-\right.\right.\right.$$
$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\Big/\left(A0^2\right.$$
$$\left.e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)-c^{(3)}[0]\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+\right.$$

$$4\,E0^2 - 4\,c[0]\Big)\Big)\Big) \Big/ \Big(3\,\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)\Big) +$$

$$\Big(c'[0]\,c^{(4)}[0]\Big) \Big/ \Big(3\,\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)^2\Big) +$$

$$\Big(7\,c'[0]\,\Big(\Big(c''[0]\,\Big(-\Big(4\,c'[0]^2\Big) \Big/ \Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)^2 -$$

$$(2\,c''[0]) \Big/ \Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)\Big)\Big) \Big/$$

$$\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big) + \Big(2\,c'[0]\,c^{(3)}[0]\Big) \Big/$$

$$\Big(3\,\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)^2\Big) + \Big(10\,c'[0]$$

$$\Big(\Big(3\,c'[0]\,\Big(-\Big(4\,c'[0]^2\Big) \Big/ \Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)^2 -$$

$$(2\,c''[0]) \Big/ \Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)\Big)\Big) \Big/$$

$$\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big) - c^{(3)}[0] \Big/$$

$$\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)\Big)\Big) \Big/ \Big(3\,\Big(A0^2\,e^2 - 4\,A0$$

$$e\,E0 + 4\,E0^2 - 4\,c[0]\Big)\Big) - c^{(4)}[0] \Big/ \Big(3\,\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4$$

$$E0^2 - 4\,c[0]\Big)\Big)\Big)\Big) \Big/ \Big(2\,\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)\Big) -$$

$$c^{(5)}[0] \Big/ \Big(12\,\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)\Big)\Big)\Big) \Big/ \Big(5\,\Big(A0^2\,e^2 -$$

$$4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)\Big) - \frac{c^{(6)}[0]}{60\,\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)}\Big)\Big) \Big/$$

$$\Big(3\,\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)\Big) - \frac{c^{(7)}[0]}{360\,\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)}\Big) -$$

$$\frac{c^{(8)}[0]}{2520\,\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)}\Big)\Big)\,b^8 -$$

$$\frac{1}{18}\,\Big(\sqrt{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}$$

$$\Big(\Big(\Big(\Big(c''[0]\,\Big(-\frac{4\,c'[0]^2}{\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)^2} - \frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Big)\Big) \Big/$$

$$\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big) +$$

$$\frac{2\,c'[0]\,c^{(3)}[0]}{3\,\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)^2} +$$

$$\Big(10\,c'[0]\,\Big(\Big(3\,c'[0]\,\Big(-\Big(4\,c'[0]^2\Big) \Big/ \Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)^2 -$$

$$(2\,c''[0]) \Big/ \Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big)\Big)\Big) \Big/$$

$$\Big(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big) - \frac{c^{(3)}[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\Big)\Big) \Big/$$

$$\left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) - \frac{c^{(4)}[0]}{3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}\right)$$

$$c^{(5)}[0]\right) \Big/ \left(80 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) +$$

$$\left(c^{(4)}[0] \left(\left(\left(-\frac{4 \, c'[0]^2}{\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} - \frac{2 \, c''[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right.\right.$$

$$c^{(3)}[0]\right) \Big/ \left(6 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) +$$

$$\left(4 \, c''[0] \left(\left(3 \, c'[0] \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right) \Big/$$

$$\left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) + \frac{c'[0] \, c^{(4)}[0]}{3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} +$$

$$\left(7 \, c'[0] \left(\left(c''[0] \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/ \left(A0^2 \, e^2 - \right.$$

$$4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) + \frac{2 \, c'[0] \, c^{(3)}[0]}{3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} +$$

$$\left(10 \, c'[0] \left(\left(3 \, c'[0] \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2 \, e^2 - 4 \, A0 \right.$$

$$\left. e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/ \left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) -$$

$$\frac{c^{(4)}[0]}{3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}\right)\right) \Big/ \left(2 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + \right.\right.$$

$$4 \, E0^2 - 4 \, c[0]\right)\right) - \frac{c^{(5)}[0]}{12 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}\right)\right) \Big/$$

$$\left(10 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) + \frac{1}{2 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}$$

$$c^{(3)}[0]$$

$$\left(\left(c^{(3)}[0]\left(\left(3\ c'[0]\left(-\left(4\ c'[0]^2\right)\middle/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.\right.\right.$$

$$\left.\left.\left.\left.\frac{2\ c''[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\right)\right/\right.$$

$$\left.\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) - \frac{c^{(3)}[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\right)\middle/$$

$$\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) +$$

$$\left(3\ c''[0]\left(\left(c''[0]\left(-\left(4\ c'[0]^2\right)\middle/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.$$

$$\left.\left.\left.\frac{2\ c''[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\right)\middle/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - \right.\right.$$

$$\left. 4\ c[0]\right) + \frac{2\ c'[0]\ c^{(3)}[0]}{3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2} + \left(10\ c'[0]\left(\left(3\ c'[0]\right.\right.\right.$$

$$\left. \left(-\left(4\ c'[0]^2\right)\middle/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \left(2\ c''[0]\right)\middle/\right.\right.$$

$$\left.\left.\left.\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\middle/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + \right.$$

$$\left. 4\ E0^2 - 4\ c[0]\right) - \frac{c^{(3)}[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\right)\middle/\left(3\ \left(A0^2\ e^2 - \right.\right.$$

$$\left. 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) - \frac{c^{(4)}[0]}{3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)}\right)\middle/$$

$$\left(2\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \frac{c'[0]\ c^{(5)}[0]}{10\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2} +$$

$$\left(18\ c'[0]\left(\left(\left(-\left(4\ c'[0]^2\right)\middle/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\left.\frac{2\ c''[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\ c^{(3)}[0]\right)\middle/\right.$$

$$\left(6\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \left(4\ c''[0]\left(\left(3\ c'[0]\right.\right.\right.$$

$$\left. \left(-\left(4\ c'[0]^2\right)\middle/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \left(2\ c''[0]\right)\middle/\right.\right.$$

$$\left.\left.\left.\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\middle/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + \right.$$

$$\left. 4\ E0^2 - 4\ c[0]\right) - \frac{c^{(3)}[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\right)\middle/\left(3\ \left(A0^2\ e^2 - \right.\right.$$

$$\left. 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \frac{c'[0]\ c^{(4)}[0]}{3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2} +$$

$$\left(7 \, c'[0] \left(\left(c''[0] \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\Big)\Big) \Big/$$

$$\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) + \left(2 \, c'[0] \, c^{(3)}[0]\right) \Big/$$

$$\left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2\right) + \left(10 \, c'[0]\right.$$

$$\left(\left(3 \, c'[0] \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\Big)\Big) \Big/ \left(A0^2\right.$$

$$\left. e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + \right.$$

$$\left.4 \, E0^2 - 4 \, c[0]\right)\Big)\Big) \Big/ \left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) -$$

$$c^{(4)}[0] \Big/ \left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\Big)\Big) \Big/ \left(2 \left(A0^2 \, e^2 - \right.\right.$$

$$\left.\left.4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) - \frac{c^{(5)}[0]}{12 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}\Big)\Big) \Big/$$

$$\left(5 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) - \frac{c^{(6)}[0]}{60 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)} -$$

$$\left(\left(-\frac{4 \, c'[0]^2}{\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} - \frac{2 \, c''[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right.$$

$$\left. c^{(7)}[0]\right) \Big/$$

$$\left(1680 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) +$$

$$\frac{1}{7 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}$$

$$12$$

$$c''[0]$$

$$\left(\left(\left(\left(3 \, c'[0] \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\frac{2 \, c''[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right) \Big/$$

$$\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)$$

$$c^{(4)}[0]\right) \Big/ \left(18 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) +$$

$$\left(5 \, c^{(3)}[0] \left(\left(c''[0] \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.$$

$$\frac{2\,c''[0]}{A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]}\bigg)\bigg)\bigg/\,\bigg(A0^2\,e^2-4\,A0\,e\,E0+$$

$$4\,E0^2-4\,c[0]\bigg)+\frac{2\,c'[0]\,c^{(3)}[0]}{3\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2}+$$

$$\bigg(10\,c'[0]\,\bigg(\bigg(3\,c'[0]\,\bigg(-\left(4\,c'[0]^2\right)\bigg/\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-$$

$$(2\,c''[0])\bigg/\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\bigg)\bigg)\bigg/\,\bigg(A0^2\,e^2-$$

$$4\,A0\,e\,E0+4\,E0^2-4\,c[0]\bigg)-\frac{c^{(3)}[0]}{A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]}\bigg)\bigg)\bigg/$$

$$\bigg(3\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\bigg)-$$

$$\frac{c^{(4)}[0]}{3\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)}\bigg)\bigg)\bigg/\,\bigg(12\,\bigg(A0^2$$

$$e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\bigg)\bigg)-$$

$$\bigg(\bigg(-\frac{4\,c'[0]^2}{\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2}-\frac{2\,c''[0]}{A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]}\bigg)$$

$$c^{(5)}[0]\bigg)\bigg/\,\bigg(120\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\bigg)+$$

$$\bigg(8\,c''[0]\,\bigg(\bigg(\bigg(-\left(4\,c'[0]^2\right)\bigg/\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-$$

$$\frac{2\,c''[0]}{A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]}\bigg)\,c^{(3)}[0]\bigg)\bigg/$$

$$\bigg(6\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\bigg)+\bigg(4\,c''[0]\,\bigg(\bigg(3\,c'[0]$$

$$\bigg(-\left(4\,c'[0]^2\right)\bigg/\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-(2\,c''[0])\bigg/$$

$$\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\bigg)\bigg)\bigg/\,\bigg(A0^2\,e^2-4\,A0\,e\,E0+$$

$$4\,E0^2-4\,c[0]\bigg)-\frac{c^{(3)}[0]}{A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]}\bigg)\bigg)\bigg/\,\bigg(3\,\bigg(A0^2\,e^2-$$

$$4\,A0\,e\,E0+4\,E0^2-4\,c[0]\bigg)\bigg)+\frac{c'[0]\,c^{(4)}[0]}{3\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2}+$$

$$\bigg(7\,c'[0]\,\bigg(\bigg(c''[0]\,\bigg(-\left(4\,c'[0]^2\right)\bigg/\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-$$

$$(2\,c''[0])\bigg/\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\bigg)\bigg)\bigg/$$

$$\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)+\left(2\,c'[0]\,c^{(3)}[0]\right)\bigg/$$

$$\bigg(3\,\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2\bigg)+\bigg(10\,c'[0]$$

$$\left(\left(3\, c'[0]\, \left(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.$$

$$\left. (2\, c''[0]) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/ \left(A0^2\, \right.$$

$$\left. e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + \right.$$

$$\left. 4\, E0^2 - 4\, c[0]\right)\right)\Big) \Big/ \left(3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - $$

$$c^{(4)}[0] \Big/ \left(3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\Big) \Big/ \left(2\, \left(A0^2\, e^2 - \right.\right.$$

$$\left.\left. 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - \frac{c^{(5)}[0]}{12\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)}\right)\right) \Big/$$

$$\left(5\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \frac{c'[0]\, c^{(6)}[0]}{45\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} +$$

$$\left(11\, c'[0]\, \left(\left(c^{(3)}[0]\, \left(\left(3\, c'[0]\, \left(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.\right.\right.$$

$$\left. (2\, c''[0]) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/ \left(A0^2\, e^2 - \right.$$

$$\left. 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - \frac{c^{(3)}[0]}{A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]}\right)\right) \Big/$$

$$\left(3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \left(3\, c''[0]\, \right.$$

$$\left(\left(c''[0]\, \left(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.$$

$$\left. (2\, c''[0]) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) + \left(2\, c'[0]\, c^{(3)}[0]\right) \Big/$$

$$\left.3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) + \left(10\, c'[0]\, \right.$$

$$\left(\left(3\, c'[0]\, \left(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.$$

$$\left. (2\, c''[0]) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/ \left(A0^2\, \right.$$

$$\left. e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + \right.$$

$$\left. 4\, E0^2 - 4\, c[0]\right)\right)\Big) \Big/ \left(3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - $$

$$c^{(4)}[0] \Big/ \left(3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\Big) \Big/ \left(2\, \left(A0^2\, e^2 - \right.\right.$$

$$\left.\left. 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \frac{c'[0]\, c^{(5)}[0]}{10\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} +$$

$$\left(18\, c'[0]\, \left(\left(\left(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left. (2\, c''[0]) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\, c^{(3)}[0]\right) \Big/$$

$$\left(6\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \left(4\, c''[0]\, \right.$$

$$\left(\left(3\, c'[0]\, \left(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.$$

$$\left. (2\, c''[0]) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/ \left(A0^2\, \right.$$

$$\left. e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + \right.$$

$$4 \, \text{E0}^2 - 4 \, c[0]\Big)\Big)\Big) \Big/ \Big(3 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)\Big) +$$

$$\Big(c'[0] \, c^{(4)}[0]\Big) \Big/ \Big(3 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)^2\Big) +$$

$$\Big(7 \, c'[0] \, \Big(\big(c''[0] \, \big(-\big(4 \, c'[0]^2\big) \Big/ \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0]) \Big/ \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)\Big)\Big) \Big/$$

$$\big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big) + \big(2 \, c'[0] \, c^{(3)}[0]\big) \Big/$$

$$\big(3 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)^2\big) + \big(10 \, c'[0]$$

$$\Big(\big(3 \, c'[0] \, \big(-\big(4 \, c'[0]^2\big) \Big/ \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0]) \Big/ \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)\Big)\Big) \Big/$$

$$\big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big) - c^{(3)}[0] \Big/$$

$$\big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)\Big)\Big) \Big/ \Big(3 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0}$$

$$e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)\Big) - c^{(4)}[0] \Big/ \Big(3 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4$$

$$\text{E0}^2 - 4 \, c[0]\big)\Big)\Big)\Big) \Big/ \Big(2 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)\Big) -$$

$$c^{(5)}[0] \Big/ \Big(12 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)\Big)\Big)\Big) \Big/ \Big(5 \, \big(\text{A0}^2 \, e^2 -$$

$$4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)\Big) - \frac{c^{(6)}[0]}{60 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)}\Big)\Big) \Big/$$

$$\Big(3 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)\Big) - \frac{c^{(7)}[0]}{360 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)} +$$

$$\frac{c'[0] \, c^{(8)}[0]}{1680 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)^2} +$$

$$\frac{1}{4 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)}$$

$$15$$
$$c'[$$
$$0]$$

$$\Big(\Big(c^{(4)}[0] \, \Big(\big(c''[0] \, \big(-\big(4 \, c'[0]^2\big) \Big/ \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)^2 -$$

$$\frac{2 \, c''[0]}{\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]}\big)\Big)\Big) \Big/ \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} +$$

$$4 \, \text{E0}^2 - 4 \, c[0]\big) + \frac{2 \, c'[0] \, c^{(3)}[0]}{3 \, \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)^2} +$$

$$\Big(10 \, c'[0] \, \Big(\big(3 \, c'[0] \, \big(-\big(4 \, c'[0]^2\big) \Big/ \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0]) \Big/ \big(\text{A0}^2 \, e^2 - 4 \, \text{A0} \, e \, \text{E0} + 4 \, \text{E0}^2 - 4 \, c[0]\big)\Big)\Big) \Big/ \big(\text{A0}^2 \, e^2 -$$

$$4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\Big) - \frac{\text{c}^{(3)}[0]}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]}\Bigg)\Bigg) \Bigg/$$

$$\Big(3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big) -$$

$$\frac{\text{c}^{(4)}[0]}{3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)}\Bigg)\Bigg) \Bigg/ \ \Big(12 \ \big(\text{A0}^2$$

$$\text{e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)\Big) +$$

$$\Bigg(\Bigg(\Bigg(3 \text{ c}'[0] \ \Bigg(-\left(4 \text{ c}'[0]^2\right) \Bigg/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2 -$$

$$\frac{2 \text{ c}''[0]}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]}\Bigg)\Bigg) \Bigg/$$

$$\left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right) - \frac{\text{c}^{(3)}[0]}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]}\Bigg)$$

$$\text{c}^{(5)}[0]\Bigg) \Bigg/ \ \Big(180 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big) +$$

$$\Bigg(7 \text{ c}^{(3)}[0] \ \Bigg(\Bigg(\left(-\left(4 \text{ c}'[0]^2\right) \Bigg/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2 -\right.$$

$$\frac{2 \text{ c}''[0]}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]}\Bigg) \text{c}^{(3)}[0]\Bigg) \Bigg/$$

$$\Big(6 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big) + \Bigg(4 \text{ c}''[0] \ \Bigg(\Big(3 \text{ c}'[0]$$

$$\left(-\left(4 \text{ c}'[0]^2\right) \Bigg/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2 - \left(2 \text{ c}''[0]\right) \Bigg/\right.$$

$$\left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big)\Big) \Bigg/ \ \Big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} +$$

$$4 \text{ E0}^2 - 4 \text{ c}[0]\Big) - \frac{\text{c}^{(3)}[0]}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]}\Bigg)\Bigg) \Bigg/ \ \Big(3 \ \big(\text{A0}^2 \text{ e}^2 -$$

$$4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)\Big) + \frac{\text{c}'[0] \ \text{c}^{(4)}[0]}{3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2} +$$

$$\Bigg(7 \text{ c}'[0] \ \Bigg(\Big(\text{c}''[0] \ \Big(-\left(4 \text{ c}'[0]^2\right) \Bigg/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2 -$$

$$\left(2 \text{ c}''[0]\right) \Bigg/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big)\Big)\Bigg) \Bigg/$$

$$\left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right) + \left(2 \text{ c}'[0] \ \text{c}^{(3)}[0]\right) \Bigg/$$

$$\left(3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2\right) + \Bigg(10 \text{ c}'[0]$$

$$\Bigg(\Big(3 \text{ c}'[0] \ \Big(-\left(4 \text{ c}'[0]^2\right) \Bigg/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2 -$$

$$\left(2 \text{ c}''[0]\right) \Bigg/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big)\Big) \Bigg/ \ \Big(\text{A0}^2$$

$$\text{e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\Big) - \text{c}^{(3)}[0] \Bigg/ \ \Big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} +$$

$$4 \text{ E0}^2 - 4 \text{ c}[0]\Big)\Bigg)\Bigg) \Bigg/ \ \Big(3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big) -$$

$$c^{(4)}[0] \Big/ \left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\right)\right)\right) \Big/ \left(2\right.$$

$$\left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) -$$

$$\frac{c^{(5)}[0]}{12 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)}\right)\right) \Big/ \left(15 \left(A0^2 e^2 - 4\right.\right.$$

$$A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) -$$

$$\left(\left(-\frac{4 c'[0]^2}{\left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2} - \frac{2 c''[0]}{A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]}\right)\right.$$

$$c^{(6)}[0]\right) \Big/ \left(360 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) +$$

$$\left(5 c''[0] \left(\left(c^{(3)}[0] \left(\left(3 c'[0] \left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 -\right.\right.\right.\right.\right.\right.$$

$$\left(2 c''[0]\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\right) \Big/ \left(A0^2 e^2 -\right.$$

$$4 A0 e E0 + 4 E0^2 - 4 c[0]\right) - \frac{c^{(3)}[0]}{A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]}\right)\right) \Big/$$

$$\left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) + \left(3 c''[0]\right.$$

$$\left(\left(c''[0] \left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 -\right.\right.\right.$$

$$\left(2 c''[0]\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\right) \Big/$$

$$\left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right) + \left(2 c'[0] c^{(3)}[0]\right) \Big/$$

$$\left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2\right) + \left(10 c'[0]\right.$$

$$\left(\left(3 c'[0] \left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 -\right.\right.\right.$$

$$\left(2 c''[0]\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\right) \Big/ \left(A0^2\right.$$

$$e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2 e^2 - 4 A0 e E0 +\right.$$

$$4 E0^2 - 4 c[0]\right)\right)\right) \Big/ \left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) -$$

$$c^{(4)}[0] \Big/ \left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\right)\right) \Big/ \left(2 \left(A0^2 e^2 -\right.\right.$$

$$4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) + \frac{c'[0] c^{(5)}[0]}{10 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2} +$$

$$\left(18 c'[0] \left(\left(\left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 -\right.\right.\right.\right.$$

$$\left(2 c''[0]\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) c^{(3)}[0]\right) \Big/$$

$$\left(6 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) + \left(4 c''[0]\right.$$

$$\left(\left(3 c'[0] \left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 -\right.\right.\right.$$

$$\left(2 c''[0]\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\right) \Big/ \left(A0^2\right.$$

$$e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2 e^2 - 4 A0 e E0 +\right.$$

$$4 \text{ E0}^2 - 4 \text{ c}[0]\big)\big)\big) \Big/ \ \big(3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\big) +$$

$$\left(\text{c}'[0] \ \text{c}^{(4)}[0]\right) \Big/ \ \left(3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2\right) +$$

$$\Big(7 \text{ c}'[0] \ \Big(\Big(\text{c}''[0] \ \Big(-\big(4 \text{ c}'[0]^2\big) \Big/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2 -$$

$$\big(2 \text{ c}''[0]\big) \Big/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big)\Big) \Big/$$

$$\left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right) + \left(2 \text{ c}'[0] \ \text{c}^{(3)}[0]\right) \Big/$$

$$\Big(3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2\Big) + \Big(10 \text{ c}'[0]$$

$$\Big(\Big(3 \text{ c}'[0] \ \Big(-\big(4 \text{ c}'[0]^2\big) \Big/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2 -$$

$$\big(2 \text{ c}''[0]\big) \Big/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big)\Big) \Big/$$

$$\left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right) - \text{c}^{(3)}[0] \Big/$$

$$\left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big)\Big) \Big/ \ \big(3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0}\right.$$

$$\left. \text{e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\big) - \text{c}^{(4)}[0] \Big/ \ \big(3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4\right.$$

$$\left. \text{E0}^2 - 4 \text{ c}[0]\right)\big)\big)\Big) \Big/ \ \big(2 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\big) -$$

$$\text{c}^{(5)}[0] \Big/ \ \big(12 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\big)\Big)\Big) \Big/ \ \big(5 \left(\text{A0}^2 \text{ e}^2 - \right.$$

$$\left. 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\big) - \frac{\text{c}^{(6)}[0]}{60 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)}\Big)\Big) \Big/$$

$$\big(3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\big) + \frac{\text{c}'[0] \ \text{c}^{(7)}[0]}{252 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2} +$$

$$\Big(26 \text{ c}'[0] \ \Big(\Big(\Big(3 \text{ c}'[0] \ \Big(-\big(4 \text{ c}'[0]^2\big) \Big/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2 -$$

$$\big(2 \text{ c}''[0]\big) \Big/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big)\Big) \Big/ \ \big(\text{A0}^2 \text{ e}^2 -$$

$$4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big) - \frac{\text{c}^{(3)}[0]}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]}\Big)$$

$$\text{c}^{(4)}[0]\Big) \Big/ \ \big(18 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\big) +$$

$$\Big(5 \text{ c}^{(3)}[0] \ \Big(\Big(\text{c}''[0] \ \Big(-\big(4 \text{ c}'[0]^2\big) \Big/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2 -$$

$$\big(2 \text{ c}''[0]\big) \Big/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big)\Big) \Big/$$

$$\left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right) + \left(2 \text{ c}'[0] \ \text{c}^{(3)}[0]\right) \Big/$$

$$\Big(3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2\Big) + \Big(10 \text{ c}'[0]$$

$$\Big(\Big(3 \text{ c}'[0] \ \Big(-\big(4 \text{ c}'[0]^2\big) \Big/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2 -$$

$$\big(2 \text{ c}''[0]\big) \Big/ \ \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\Big)\Big) \Big/ \ \big(\text{A0}^2$$

$$\text{e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big) - \text{c}^{(3)}[0] \Big/ \ \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} +$$

$$4 \text{ E0}^2 - 4 \text{ c}[0]\big)\Big)\Big) \Big/ \ \big(3 \left(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)\big) -$$

$$c^{(4)}[0] \Big/ \Big(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big)\Big) \Big/$$

$$\Big(12 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big) - \Big(\Big(-\left(4 c'[0]^2\right) \Big/ \Big(A0^2 e^2 -$$

$$4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)^2 - \frac{2 c''[0]}{A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]}\Big)$$

$$c^{(5)}[0]\Big) \Big/ \Big(120 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big) +$$

$$\Big(8 c''[0] \Big(\Big(\Big(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 -$$

$$(2 c''[0]) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big) c^{(3)}[0]\Big) \Big/$$

$$\Big(6 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big) + \Big(4 c''[0]$$

$$\Big(\Big(3 c'[0] \left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 -$$

$$(2 c''[0]) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big)\Big) \Big/ \Big(A0^2$$

$$e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big) - c^{(3)}[0] \Big/ \Big(A0^2 e^2 - 4 A0 e E0 +$$

$$4 E0^2 - 4 c[0]\Big)\Big)\Big) \Big/ \Big(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big) +$$

$$\Big(c'[0] c^{(4)}[0]\Big) \Big/ \Big(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2\Big) +$$

$$\Big(7 c'[0] \Big(\Big(c''[0] \left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 -$$

$$(2 c''[0]) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big)\Big) \Big/$$

$$\Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big) + \left(2 c'[0] c^{(3)}[0]\right) \Big/$$

$$\Big(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2\Big) + \Big(10 c'[0]$$

$$\Big(\Big(3 c'[0] \left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 -$$

$$(2 c''[0]) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big)\Big) \Big/$$

$$\Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big) - c^{(3)}[0] \Big/$$

$$\Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big)\Big) \Big/$$

$$\Big(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big) - c^{(4)}[0] \Big/$$

$$\Big(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big)\Big)\Big) \Big/$$

$$\Big(2 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big) - c^{(5)}[0] \Big/$$

$$\Big(12 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big)\Big)\Big) \Big/ \Big(5 \left(A0^2 e^2 - 4 A0 e E0 +\right.$$

$$4 E0^2 - 4 c[0]\Big)\Big) + \frac{c'[0] c^{(6)}[0]}{45 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2} + \Big(11 c'[0]$$

$$\Big(\Big(c^{(3)}[0] \Big(\Big(3 c'[0] \left(-\left(4 c'[0]^2\right) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 -$$

$$(2 c''[0]) \Big/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big)\Big) \Big/ \Big(A0^2$$

$$e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big) - c^{(3)}[0] \Big/ \Big(A0^2 e^2 - 4 A0 e E0 +$$

$$4 E0^2 - 4 c[0]\Big)\Big)\Big) \Big/ \Big(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\Big) +$$

$$\left(3\, c''[0] \left(\left(c''[0] \left(-\left(4\, c'[0]^2\right) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.\right.$$
$$\left(2\, c''[0]\right) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\Big) \Big/$$
$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) + \left(2\, c'[0]\, c^{(3)}[0]\right) \Big/$$
$$\left(3 \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) + \Big(10\, c'[0]$$
$$\left(\left(3\, c'[0] \left(-\left(4\, c'[0]^2\right) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.$$
$$\left(2\, c''[0]\right) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\Big) \Big/$$
$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0] \Big/$$
$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\Big) \Big/ \Big(3 \Big(A0^2\, e^2 - 4\, A0$$
$$e\, E0 + 4\, E0^2 - 4\, c[0]\Big)\Big) - c^{(4)}[0] \Big/ \Big(3 \Big(A0^2\, e^2 - 4\, A0\, e\, E0 + 4$$
$$E0^2 - 4\, c[0]\Big)\Big)\Big)\Big) \Big/ \left(2 \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) +$$
$$\left(c'[0]\, c^{(5)}[0]\right) \Big/ \left(10 \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) +$$
$$\Big(18\, c'[0] \left(\left(\left(-\left(4\, c'[0]^2\right) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.$$
$$\left(2\, c''[0]\right) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) c^{(3)}[0]\Big) \Big/$$
$$\left(6 \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \Big(4\, c''[0]$$
$$\left(\left(3\, c'[0] \left(-\left(4\, c'[0]^2\right) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.$$
$$\left(2\, c''[0]\right) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\Big) \Big/$$
$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0] \Big/$$
$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\Big) \Big/$$
$$\left(3 \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \left(c'[0]\, c^{(4)}[0]\right) \Big/$$
$$\left(3 \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) + \Big(7\, c'[0]$$
$$\left(\left(c''[0] \left(-\left(4\, c'[0]^2\right) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.$$
$$\left(2\, c''[0]\right) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\Big) \Big/$$
$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) + \left(2\, c'[0]\, c^{(3)}[0]\right) \Big/$$
$$\left(3 \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) + \Big(10\, c'[0]$$
$$\left(\left(3\, c'[0] \left(-\left(4\, c'[0]^2\right) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[\right.\right.\right.$$
$$0]\big)^2 - \left(2\, c''[0]\right) \middle/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\right.$$
$$c[0]\big)\Big)\Big) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) -$$
$$c^{(3)}[0] \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\Big) \Big/$$
$$\left(3 \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) -$$
$$c^{(4)}[0] \Big/ \left(3 \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\Big)\Big) \Big/$$
$$\left(2 \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - c^{(5)}[0] \Big/$$
$$\left(12 \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\Big)\Big)\Big) \Big/ \Big(5 \Big(A0^2\, e^2 -$$

$$4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\big) - c^{(6)}[0] \Big/ \Big(60 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 +$$

$$4 \, E0^2 - 4 \, c[0]\big)\big)\big)\big) \Big/ \Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) -$$

$$\frac{c^{(7)}[0]}{360 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)}\Bigg)\Bigg) \Big/ \; \Big(7 \, \big(A0^2 \, e^2 - 4 \, A0 \, e$$

$$E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) - \frac{c^{(8)}[0]}{2520 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)}\Bigg) -$$

$$\frac{c^{(9)}[0]}{20160 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)}\Bigg)\Bigg) \, b^9 - \frac{1}{20}$$

$$\Bigg(\sqrt{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}$$

$$\Bigg(\Bigg(c^{(5)}[$$

$$0]$$

$$\Bigg(\Bigg(\Bigg(-\frac{4 \, c'[0]^2}{\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2} - \frac{2 \, c''[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\Bigg)$$

$$c^{(3)}[0]\Bigg) \Big/ \; \Big(6 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) +$$

$$\Bigg(4 \, c''[0] \, \Bigg(\Big(3 \, c'[0] \, \Big(-\big(4 \, c'[0]^2\big) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$\big(2 \, c''[0]\big) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big)\Big) \Big/$$

$$\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) - \frac{c^{(3)}[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\Bigg)\Bigg) \Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) + \frac{c'[0] \, c^{(4)}[0]}{3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2} +$$

$$\Bigg(7 \, c'[0] \, \Bigg(\Big(c''[0] \, \Big(-\big(4 \, c'[0]^2\big) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$\big(2 \, c''[0]\big) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big)\Big) \Big/ \big(A0^2 \, e^2 -$$

$$4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) + \frac{2 \, c'[0] \, c^{(3)}[0]}{3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2} +$$

$$\Big(10 \, c'[0] \, \Big(\big(3 \, c'[0] \, \big(-\big(4 \, c'[0]^2\big) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$\big(2 \, c''[0]\big) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\big)\big)\Big) \Big/$$

$$\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) - c^{(3)}[0] \Big/ \big(A0^2 \, e^2 - 4 \, A0$$

$$e\ E0 + 4\ E0^2 - 4\ c[0])))\Big/ \Big(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\Big) -$$

$$\frac{c^{(4)}[0]}{3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)}\Big)\Big) \Big/ \Big(2\ \big(A0^2\ e^2 -$$

$$4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\big)\Big) -$$

$$\frac{c^{(5)}[0]}{12\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)}\Big)\Big) \Big/ \Big(60\ \big(A0^2\ e^2 -$$

$$4\ A0\ e\ E0 +$$

$$4\ E0^2 - 4\ c[0]\big)\Big) +$$

$$\left(\left(\left(c''[0]\ \left(-\frac{4\ c'[0]^2}{\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2} - \frac{2\ c''[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\right)\right)\Big/\right.$$

$$\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) +$$

$$\frac{2\ c'[0]\ c^{(3)}[0]}{3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2} +$$

$$\left(10\ c'[0]\ \left(\left(3\ c'[0]\ \left(-\left(4\ c'[0]^2\right)\Big/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.$$

$$\left.\left(2\ c''[0]\right) \Big/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\Big)\Big/$$

$$\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) - \frac{c^{(3)}[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\Big)\Big)\Big/$$

$$\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) - \frac{c^{(4)}[0]}{3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)}\Big)$$

$$c^{(6)}[0]\Big/ \Big(720\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\Big) +$$

$$\frac{1}{9\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)}$$

$$c^{(4)}[0]$$

$$\left(\left(c^{(3)}[0]\ \left(\left(3\ c'[0]\ \left(-\left(4\ c'[0]^2\right)\Big/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\frac{2\ c''[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ c[0]}\right)\right)\Big/$$

$$\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) - \frac{c^{(3)}[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\Big)\Big)\Big/$$

$$\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) +$$

$$\left(3 \, c''[0] \, \left(\left(c''[0] \, \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\frac{2 \, c''[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + \right.$$

$$\left. 4 \, E0^2 - 4 \, c[0]\right) + \frac{2 \, c'[0] \, c^{(3)}[0]}{3 \, \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} + $$

$$\left(10 \, c'[0] \, \left(\left(3 \, c'[0] \, \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/ \left(A0^2\right.$$

$$\left. e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) - $$

$$\left.\left.\frac{c^{(3)}[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right) \Big/ \left(3 \, \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + \right.\right.$$

$$\left.\left.\left.\left. 4 \, E0^2 - 4 \, c[0]\right)\right) - \frac{c^{(4)}[0]}{3 \, \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}\right)\right) \Big/$$

$$\left(2 \, \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) + \frac{c'[0] \, c^{(5)}[0]}{10 \, \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} + $$

$$\left(18 \, c'[0] \, \left(\left(\left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\frac{2 \, c''[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right) \, c^{(3)}[0]\right) \Big/$$

$$\left(6 \, \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) + \left(4 \, c''[0] \, \left(\left(3 \, c'[0]\right.\right.\right.$$

$$\left.\left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \left(2 \, c''[0]\right) \Big/ \right.$$

$$\left.\left.\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + \right.$$

$$\left.\left.\left. 4 \, E0^2 - 4 \, c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right) \Big/ \left(3 \, \left(A0^2 \, e^2 - \right.\right.$$

$$\left.\left. 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) + \frac{c'[0] \, c^{(4)}[0]}{3 \, \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} + $$

$$\left(7 \, c'[0] \, \left(\left(c''[0] \, \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.$$

$$\left.\left.\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) + \left(2 \, c'[0] \, c^{(3)}[0]\right) \Big/$$

$$\left(3 \, \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2\right) + \left(10 \, c'[0]\right.$$

$$\left(\left(3 \, c'[0] \, \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.$$

$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\right)\Big/\left(A0^2\right.$$

$$e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) - c^{(3)}[0]\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + \right.$$

$$4\,E0^2 - 4\,c[0]\right)\right)\right)\Big/\left(3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - $$

$$c^{(4)}[0]\Big/\left(3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\right)\right)\Big/\left(2\left(A0^2\,e^2 - \right.\right.$$

$$4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - \frac{c^{(5)}[0]}{12\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}\right)\right)\Big/$$

$$\left(5\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - \frac{c^{(6)}[0]}{60\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)} - $$

$$\left(\left(\left(3\,c'[0]\left(-\frac{4\,c'[0]^2}{\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} - \right.\right.\right.\right.$$

$$\left.\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\right)\right)\Big/$$

$$\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) - \frac{c^{(3)}[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\right)$$

$$c^{(7)}[0]\right)\Big/\left(7560\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) + \left(11\right.$$

$$c^{(3)}[0]$$

$$\left(\left(\left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \right.\right.\right.\right.\right.$$

$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\right)\Big/$$

$$\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) - \frac{c^{(3)}[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\right)$$

$$c^{(4)}[0]\right)\Big/\left(18\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) + $$

$$\left(5\,c^{(3)}[0]\left(\left(c''[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\right)\Big/\left(A0^2\,e^2 - \right.$$

$$4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) + \frac{2\,c'[0]\,c^{(3)}[0]}{3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} + $$

$$\left(10\,c'[0]\left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\right)\Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/ \left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) -$$

$$\frac{c^{(4)}[0]}{3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)}\right)\right) \Big/ \left(12\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) -$$

$$\left(\left(-\frac{4\, c'[0]^2}{\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} - \frac{2\, c''[0]}{A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]}\right)$$

$$c^{(5)}[0]\right) \Big/ \left(120\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) +$$

$$\left(8\, c''[0]\left(\left(\left(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 -$$

$$\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)$$

$$c^{(3)}[0]\right) \Big/ \left(6\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) +$$

$$\left(4\, c''[0]\left(\left(3\, c'[0]\left(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 -$$

$$\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0] \Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/ \left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 +$$

$$4\, E0^2 - 4\, c[0]\right)\right) + \frac{c'[0]\, c^{(4)}[0]}{3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} +$$

$$\left(7\, c'[0]\left(\left(c''[0]\left(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 -$$

$$\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) + \left(2\, c'[0]\, c^{(3)}[0]\right) \Big/$$

$$\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) + \left(10\, c'[0]\right.$$

$$\left(\left(3\, c'[0]\left(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 -$$

$$\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0] \Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/$$

$$\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - c^{(4)}[0] \Big/$$

$$\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\right) \Big/ \left(2\left(A0^2\, e^2 - 4\, A0\, e\, E0 +$$

$$4\, E0^2 - 4\, c[0]\right)\right) - \frac{c^{(5)}[0]}{12\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)}\right)\right) \Big/$$

$$\left(5 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) + \frac{c'[0] \ c^{(6)}[0]}{45 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2} +$$

$$\left(11 \ c'[0] \ \left(\left(c^{(3)}[0] \left(\left(3 \ c'[0] \left(-\left(4 \ c'[0]^2\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2 - \right.\right.\right.\right.\right.$$

$$\left(2 \ c''[0]\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right)\Big)\Big) \Big/$$

$$\left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right) - c^{(3)}[0] \ \middle/ \left(A0^2 \ e^2 - 4 \ A0\right.$$

$$\left. e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\Big)\Big) \Big/ \left(3 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) +$$

$$\left(3 \ c''[0] \ \left(\left(c''[0] \left(-\left(4 \ c'[0]^2\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 \ c''[0]\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right)\Big) \Big/$$

$$\left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right) + \left(2 \ c'[0] \ c^{(3)}[0]\right) \middle/$$

$$\left(3 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2\right) + \left(10 \ c'[0]\right.$$

$$\left(\left(3 \ c'[0] \left(-\left(4 \ c'[0]^2\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 \ c''[0]\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right)\Big) \Big/$$

$$\left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right) - c^{(3)}[0] \ \middle/ \left(A0^2 \ e^2 - \right.$$

$$\left. 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\Big)\Big) \Big/ \left(3 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - \right.\right.$$

$$\left. 4 \ c[0]\right)\Big) - c^{(4)}[0] \ \middle/ \left(3 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right)\Big)\Big) \Big/$$

$$\left(2 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) + \left(c'[0] \ c^{(5)}[0]\right) \middle/$$

$$\left(10 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2\right) +$$

$$\left(18 \ c'[0] \ \left(\left(\left(-\left(4 \ c'[0]^2\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left(2 \ c''[0]\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) \ c^{(3)}[0]\right) \middle/$$

$$\left(6 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) + \left(4 \ c''[0]\right.$$

$$\left(\left(3 \ c'[0] \left(-\left(4 \ c'[0]^2\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2 - \right.\right.$$

$$\left(2 \ c''[0]\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right)\Big) \Big/$$

$$\left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right) - c^{(3)}[0] \ \middle/$$

$$\left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\Big)\Big) \Big/$$

$$\left(3 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) + \left(c'[0] \ c^{(4)}[0]\right) \middle/$$

$$\left(3 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2\right) +$$

$$\left(7 \ c'[0] \ \left(\left(c''[0] \left(-\left(4 \ c'[0]^2\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 \ c''[0]\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right)\Big) \Big/$$

$$\left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right) + \left(2 \ c'[0] \ c^{(3)}[0]\right) \middle/$$

$$\left(3 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2\right) + \left(10 \ c'[0] \ \left(\left(3 \ c'[0]\right.\right.\right.$$

$$\left(-\left(4 \ c'[0]^2\right) \middle/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2 - \right.$$

$$\left(2\,c''[0]\right) \Big/ \left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\Big)\Big) \Big/$$

$$\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) - c^{(3)}[0] \Big/$$

$$\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\Big)\Big) \Big/$$

$$\left(3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - c^{(4)}[0] \Big/$$

$$\left(3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\Big)\Big) \Big/ \left(2\,\left(A0^2\,e^2 - \right.\right.$$

$$\left.4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - c^{(5)}[0] \Big/ \left(12\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + \right.\right.$$

$$\left.\left.4\,E0^2 - 4\,c[0]\right)\right)\Big)\Big) \Big/ \left(5\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - $$

$$\frac{c^{(6)}[0]}{60\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}\Big)\Big) \Big/ \left(3\,\left(A0^2\,e^2 - \right.\right.$$

$$\left.4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - $$

$$\frac{c^{(7)}[0]}{360\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}\Big)\Big) \Big/ \left(21\,\left(A0^2\,e^2 - \right.\right.$$

$$4\,A0\,e\,E0 +$$
$$4\,E0^2 - $$
$$\left.4\,c[0]\right)\right) - $$

$$\left(\left(-\frac{4\,c'[0]^2}{\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} - \frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\right)$$

$$c^{(8)}[$$
$$0]\Big) \Big/$$

$$\left(10\,080\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) +$$

$$\frac{1}{4\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}$$
$$7$$
$$c''[$$
$$0]$$

$$\left(\left(c^{(4)}[0]\,\left(\left(c''[0]\,\left(-\left(4\,c'[0]^2\right) \Big/ \left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \right.\right.\right.\right.\right.$$

$$\left.\left.\left.\left.\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\right)\right) \Big/ \left(A0^2\,e^2 - 4\,A0\,e\,E0 + \right.\right.\right.$$

$$\left.\left.4\,E0^2 - 4\,c[0]\right) + \frac{2\,c'[0]\,c^{(3)}[0]}{3\,\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} + \right.$$

$$\left(10\,c'[0]\,\left(\left(3\,c'[0]\,\left(-\left(4\,c'[0]^2\right) \Big/ \left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \right.\right.\right.$$

$$\left.\left.\left(2\,c''[0]\right) \Big/ \left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\right) \Big/ \left(A0^2\,e^2 - \right.$$

$$4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\Big) - \frac{c^{(3)}[0]}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]}\Big)\Big)\Big/$$

$$\Big(3 \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)\big) -$$

$$\frac{c^{(4)}[0]}{3 \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)}\Big)\Big)\Big/ \Big(12 \big(\text{A0}^2$$

$$\text{e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)\Big) +$$

$$\left(\left(\Big(3 \text{ c}'[0] \Big(-\big(4 \text{ c}'[0]^2\big)\Big/ \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)^2 -\right.\right.$$

$$\frac{2 \text{ c}''[0]}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]}\Big)\Big)\Big/$$

$$\Big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\Big) - \frac{c^{(3)}[0]}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]}\Big)$$

$$c^{(5)}[0]\Big)\Big/ \Big(180 \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)\Big) +$$

$$\left(7 \text{ c}^{(3)}[0] \left(\left(\Big(-\big(4 \text{ c}'[0]^2\big)\Big/ \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)^2 -\right.\right.\right.$$

$$\frac{2 \text{ c}''[0]}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]}\Big) \text{ c}^{(3)}[0]\Big)\Big/$$

$$\Big(6 \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)\Big) + \left(4 \text{ c}''[0] \left(\Big(3 \text{ c}'[0]\right.\right.$$

$$\Big(-\big(4 \text{ c}'[0]^2\big)\Big/ \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)^2 - \big(2 \text{ c}''[0]\big)\Big/$$

$$\big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)\Big)\Big)\Big/ \Big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} +$$

$$4 \text{ E0}^2 - 4 \text{ c}[0]\Big) - \frac{c^{(3)}[0]}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]}\Big)\Big)\Big/ \Big(3 \big(\text{A0}^2 \text{ e}^2 -$$

$$4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)\Big) + \frac{c'[0] \text{ c}^{(4)}[0]}{3 \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)^2} +$$

$$\left(7 \text{ c}'[0] \left(\Big(\text{c}''[0] \Big(-\big(4 \text{ c}'[0]^2\big)\Big/ \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)^2 -\right.\right.$$

$$\big(2 \text{ c}''[0]\big)\Big/ \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)\Big)\Big)\Big/$$

$$\Big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\Big) + \big(2 \text{ c}'[0] \text{ c}^{(3)}[0]\big)\Big/$$

$$\Big(3 \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)^2\Big) + \Big(10 \text{ c}'[0]$$

$$\Big(\big(3 \text{ c}'[0] \big(-\big(4 \text{ c}'[0]^2\big)\big/ \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)^2 -$$

$$\big(2 \text{ c}''[0]\big)\big/ \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)\big)\big)\big/ \big(\text{A0}^2$$

$$\text{e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big) - c^{(3)}[0] \big/ \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} +$$

$$4 \text{ E0}^2 - 4 \text{ c}[0]\big)\Big)\Big)\Big/ \Big(3 \big(\text{A0}^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\big)\Big) -$$

$$c^{(4)}[0] \Big/ \left(3 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right)\right)\Big/ \Big(2$$

$$\left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) -$$

$$\frac{c^{(5)}[0]}{12 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)}\right)\right)\Big/ \Big(15 \left(A0^2 \ e^2 - 4\right)$$

$$A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) -$$

$$\left(\left(-\frac{4 \ c'[0]^2}{\left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2} - \frac{2 \ c''[0]}{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]}\right)$$

$$c^{(6)}[0]\right)\Big/ \left(360 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) +$$

$$\left(5 \ c''[0] \left(\left(c^{(3)}[0] \left(\left(3 \ c'[0] \left(-\left(4 \ c'[0]^2\right)\Big/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2 - \right.\right.\right.\right.\right.$$

$$\left(2 \ c''[0]\right) \Big/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right)\right)\Big/ \left(A0^2 \ e^2 - \right.$$

$$4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]}\right)\right)\Big/$$

$$\left(3 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) + \left(3 \ c''[0]\right.$$

$$\left(\left(c''[0] \left(-\left(4 \ c'[0]^2\right)\Big/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 \ c''[0]\right) \Big/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right)\right)\Big/$$

$$\left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right) + \left(2 \ c'[0] \ c^{(3)}[0]\right)\Big/$$

$$\left(3 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2\right) + \left(10 \ c'[0]\right.$$

$$\left(\left(3 \ c'[0] \left(-\left(4 \ c'[0]^2\right)\Big/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 \ c''[0]\right) \Big/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right)\right)\Big/ \left(A0^2\right.$$

$$e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + \right.$$

$$4 \ E0^2 - 4 \ c[0]\right)\right)\right)\Big/ \left(3 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) - $$

$$c^{(4)}[0] \Big/ \left(3 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right)\right)\right)\Big/ \left(2 \left(A0^2 \ e^2 - \right.\right.$$

$$4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) + \frac{c'[0] \ c^{(5)}[0]}{10 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2} + $$

$$\left(18 \ c'[0] \left(\left(\left(-\left(4 \ c'[0]^2\right)\Big/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left(2 \ c''[0]\right) \Big/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) \ c^{(3)}[0]\right)\Big/$$

$$\left(6 \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right) + \left(4 \ c''[0]\right.$$

$$\left(\left(3 \ c'[0] \left(-\left(4 \ c'[0]^2\right)\Big/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 \ c''[0]\right) \Big/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right)\right)\right)\Big/ \left(A0^2\right.$$

$$e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + \right.$$

$$4 \, E0^2 - 4 \, c[0])))) \Big/ \Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) +$$

$$\big(c'[0] \, c^{(4)}[0]\big) \Big/ \Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2\Big) +$$

$$\Big(7 \, c'[0] \Big(\big(c''[0] \big(-\big(4 \, c'[0]^2\big) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0]) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\big)\Big) \Big/$$

$$\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) + \big(2 \, c'[0] \, c^{(3)}[0]\big) \Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2\Big) + \Big(10 \, c'[0]$$

$$\Big(\big(3 \, c'[0] \big(-\big(4 \, c'[0]^2\big) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0]) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\big)\Big) \Big/$$

$$\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) - c^{(3)}[0] \Big/$$

$$\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big)\Big) \Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) - c^{(4)}[0] \Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big)\Big)\Big) \Big/$$

$$\Big(2 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) - c^{(5)}[0] \Big/$$

$$\Big(12 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big)\Big)\Big)\Big) \Big/ \Big(5 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 +$$

$$4 \, E0^2 - 4 \, c[0]\big)\Big) - \frac{c^{(6)}[0]}{60 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)}\Big)\Big) \Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) + \frac{c'[0] \, c^{(7)}[0]}{252 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2} +$$

$$\Big(26 \, c'[0] \Big(\Big(\big(3 \, c'[0] \big(-\big(4 \, c'[0]^2\big) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0]) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\big)\Big) \Big/ \big(A0^2 \, e^2 -$$

$$4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) - \frac{c^{(3)}[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\Big)$$

$$c^{(4)}[0]\Big) \Big/ \Big(18 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) +$$

$$\Big(5 \, c^{(3)}[0] \Big(\big(c''[0] \big(-\big(4 \, c'[0]^2\big) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0]) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\big)\Big) \Big/$$

$$\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) + \big(2 \, c'[0] \, c^{(3)}[0]\big) \Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2\Big) + \Big(10 \, c'[0]$$

$$\Big(\big(3 \, c'[0] \big(-\big(4 \, c'[0]^2\big) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0]) \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\big)\Big) \Big/ \big(A0^2$$

$$e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) - c^{(3)}[0] \Big/ \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 +$$

$$4 E0^2 - 4 c[0]\Big)\Big)\Big) \Big/ \Big(3 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big) -$$

$$c^{(4)}[0] \Big/ \Big(3 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big)\Big)\Big)\Big) \Big/$$

$$\Big(12 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big) - \Big(\Big(-\Big(4 c'[0]^2\Big) \Big/ \Big(A0^2 e^2 -$$

$$4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)^2 - \frac{2 c''[0]}{A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]}\Big)$$

$$c^{(5)}[0]\Big) \Big/ \Big(120 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big) +$$

$$\Big(8 c''[0] \Big(\Big(\Big(-\Big(4 c'[0]^2\Big) \Big/ \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)^2 -$$

$$\Big(2 c''[0]\Big) \Big/ \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big) c^{(3)}[0]\Big) \Big/$$

$$\Big(6 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big) + \Big(4 c''[0]$$

$$\Big(\Big(3 c'[0] \Big(-\Big(4 c'[0]^2\Big) \Big/ \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)^2 -$$

$$\Big(2 c''[0]\Big) \Big/ \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big)\Big) \Big/ \Big(A0^2$$

$$e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big) - c^{(3)}[0] \Big/ \Big(A0^2 e^2 - 4 A0 e E0 +$$

$$4 E0^2 - 4 c[0]\Big)\Big)\Big) \Big/ \Big(3 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big) +$$

$$\Big(c'[0] c^{(4)}[0]\Big) \Big/ \Big(3 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)^2\Big) +$$

$$\Big(7 c'[0] \Big(\Big(c''[0] \Big(-\Big(4 c'[0]^2\Big) \Big/ \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)^2 -$$

$$\Big(2 c''[0]\Big) \Big/ \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big)\Big) \Big/$$

$$\Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big) + \Big(2 c'[0] c^{(3)}[0]\Big) \Big/$$

$$\Big(3 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)^2\Big) + \Big(10 c'[0]$$

$$\Big(\Big(3 c'[0] \Big(-\Big(4 c'[0]^2\Big) \Big/ \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)^2 -$$

$$\Big(2 c''[0]\Big) \Big/ \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big)\Big) \Big/$$

$$\Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big) - c^{(3)}[0] \Big/$$

$$\Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big)\Big) \Big/$$

$$\Big(3 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big) - c^{(4)}[0] \Big/$$

$$\Big(3 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big)\Big)\Big) \Big/$$

$$\Big(2 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big) - c^{(5)}[0] \Big/$$

$$\Big(12 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big)\Big)\Big)\Big) \Big/ \Big(5 \Big(A0^2 e^2 - 4 A0 e E0 +$$

$$4 E0^2 - 4 c[0]\Big)\Big) + \frac{c'[0] c^{(6)}[0]}{45 \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)^2} + \Big(11 c'[0]$$

$$\Big(\Big(c^{(3)}[0] \Big(\Big(3 c'[0] \Big(-\Big(4 c'[0]^2\Big) \Big/ \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)^2 -$$

$$\Big(2 c''[0]\Big) \Big/ \Big(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big)\Big)\Big) \Big/ \Big(A0^2$$

$$e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\Big) - c^{(3)}[0] \Big/ \Big(A0^2 e^2 - 4 A0 e E0 +$$

$$4 \, E0^2 - 4 \, c[0])))\Big/ \Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) +$$

$$\Big(3 \, c''[0] \, \Big(\big(c''[0] \, \big(-\big(4 \, c'[0]^2\big)\big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0])\big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\big)\Big)\Big/$$

$$\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) + \big(2 \, c'[0] \, c^{(3)}[0]\big)\Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2\Big) + \Big(10 \, c'[0]$$

$$\Big(\big(3 \, c'[0] \, \big(-\big(4 \, c'[0]^2\big)\big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0])\big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\big)\Big)\Big/$$

$$\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) - c^{(3)}[0]\Big/$$

$$\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big)\Big)\Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) - c^{(4)}[0]\Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big)\Big)\Big/$$

$$\Big(2 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) + \big(c'[0] \, c^{(5)}[0]\big)\Big/$$

$$\Big(10 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2\Big) +$$

$$\Big(18 \, c'[0] \, \Big(\big(\big(-\big(4 \, c'[0]^2\big)\big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0])\big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\big) \, c^{(3)}[0]\Big)\Big/$$

$$\Big(6 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) + \Big(4 \, c''[0]$$

$$\Big(\big(3 \, c'[0] \, \big(-\big(4 \, c'[0]^2\big)\big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0])\big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\big)\Big)\Big/$$

$$\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) - c^{(3)}[0]\Big/$$

$$\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big)\Big)\Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) + \big(c'[0] \, c^{(4)}[0]\big)\Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2\Big) + \Big(7 \, c'[0]$$

$$\Big(\big(c''[0] \, \big(-\big(4 \, c'[0]^2\big)\big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2 -$$

$$(2 \, c''[0])\big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\big)\Big)\Big/$$

$$\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) + \big(2 \, c'[0] \, c^{(3)}[0]\big)\Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)^2\Big) + \Big(10 \, c'[0]$$

$$\Big(\big(3 \, c'[0] \, \big(-\big(4 \, c'[0]^2\big)\big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[$$

$$0]\big)^2 - (2 \, c''[0])\big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \,$$

$$c[0]\big)\big)\Big)\Big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big) -$$

$$c^{(3)}[0]\Big/\big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big)\Big)\Big/$$

$$\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big) -$$

$$c^{(4)}[0]\Big/\Big(3 \, \big(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\big)\Big)\Big)\Big)\Big/$$

$$\left(2\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - c^{(5)}[0]\Big/$$

$$\left(12\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\bigg)\bigg)\Big/$$

$$\left(5\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - c^{(6)}[0]\Big/$$

$$\left(60\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\bigg)\bigg)\Big/\;\Big(3\,\big(A0^2$$

$$e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\big)\Big) -$$

$$\frac{c^{(7)}[0]}{360\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}\bigg)\bigg)\bigg/\;\Big(7\,\big(A0^2\,e^2 - 4\,A0\,e$$

$$E0 + 4\,E0^2 - 4\,c[0]\big)\Big) - \frac{c^{(8)}[0]}{2520\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}\Bigg) +$$

$$\frac{c'[0]\;c^{(9)}[0]}{12960\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} +$$

$$\frac{1}{9\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}$$

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$$c'[0]$$

$$\Bigg(\Bigg(\Bigg(\bigg(c''[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 -$$

$$\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\right)\bigg)\Big/\;\Big(A0^2\,e^2 - 4\,A0\,e\,E0 +$$

$$4\,E0^2 - 4\,c[0]\Big) + \frac{2\,c'[0]\;c^{(3)}[0]}{3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2} +$$

$$\bigg(10\,c'[0]\left(\Big(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 -$$

$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\Big)\right)\Big/\;\Big(A0^2\,e^2 -$$

$$4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\Big) - \frac{c^{(3)}[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\bigg)\bigg)\bigg/$$

$$\left(3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) -$$

$$\frac{c^{(4)}[0]}{3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}\Bigg)\,c^{(5)}[0]\Bigg)\Bigg/$$

$$\left(80\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) +$$

$$\Bigg(c^{(4)}[0]\left(\Big(\Big(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 -$$

$$\frac{2\,c''[0]}{A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]}\right)c^{(3)}[0]\Bigg)\Bigg/$$

$$\left(6 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) + \left(4 \, c''[0] \, \left(\left(3 \, c'[0]\right.\right.\right.$$

$$\left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \left(2 \, c''[0]\right) \Big/$$

$$\left.\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + \right.$$

$$\left.\left.\left.4 \, E0^2 - 4 \, c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right) \Big/ \left(3 \left(A0^2 \, e^2 - \right.\right.$$

$$\left.4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) + \frac{c'[0] \, c^{(4)}[0]}{3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2} +$$

$$\left(7 \, c'[0] \, \left(\left(c''[0] \, \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) + \left(2 \, c'[0] \, c^{(3)}[0]\right) \Big/$$

$$\left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2\right) + \left(10 \, c'[0]\right.$$

$$\left(\left(3 \, c'[0] \, \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.$$

$$\left.\left.\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/ \left(A0^2\right.$$

$$\left.e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) - c^{(3)}[0] \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + \right.$$

$$\left.\left.\left.4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/ \left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) -$$

$$\left.\left.c^{(4)}[0] \Big/ \left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right)\right) \Big/ \left(2\right.$$

$$\left.\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) -$$

$$\left.\left.\frac{c^{(5)}[0]}{12 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)}\right)\right) \Big/ \left(10 \left(A0^2 \, e^2 - 4 \, \right.\right.$$

$$\left.\left.A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) +$$

$$\left(c^{(3)}[0] \, \left(\left(c^{(3)}[0] \, \left(\left(3 \, c'[0] \, \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.\right.\right.\right.$$

$$\left.\left.\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/ \left(A0^2 \, e^2 - \right.$$

$$\left.\left.\left.4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) - \frac{c^{(3)}[0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]}\right)\right) \Big/$$

$$\left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right) + \left(3 \, c''[0]\right.$$

$$\left(\left(c''[0] \, \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.$$

$$\left.\left.\left(2 \, c''[0]\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right) + \left(2 \, c'[0] \, c^{(3)}[0]\right) \Big/$$

$$\left(3 \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2\right) + \left(10 \, c'[0]\right.$$

$$\left(\left(3 \, c'[0] \, \left(-\left(4 \, c'[0]^2\right) \Big/ \left(A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c[0]\right)^2 - \right.\right.$$

$$
\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\Big) \Big/ \Big(A0^2
$$

$$
e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\Big) - c^{(3)}[0] \Big/ \Big(A0^2\, e^2 - 4\, A0\, e\, E0 +
$$

$$
4\, E0^2 - 4\, c[0]\Big)\Big)\Big) \Big/ \left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) -
$$

$$
c^{(4)}[0] \Big/ \left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\Big)\Big) \Big/ \Big(2\Big(A0^2\, e^2 -
$$

$$
4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\Big)\Big) + \frac{c'[0]\; c^{(5)}[0]}{10\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} +
$$

$$
\Big(18\, c'[0] \Big(\Big(\Big(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 -
$$

$$
\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\, c^{(3)}[0]\Big) \Big/
$$

$$
\left(6\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \Big(4\, c''[0]
$$

$$
\Big(\Big(3\, c'[0]\, \Big(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 -
$$

$$
\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\Big) \Big/ \Big(A0^2
$$

$$
e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\Big) - c^{(3)}[0] \Big/ \Big(A0^2\, e^2 - 4\, A0\, e\, E0 +
$$

$$
4\, E0^2 - 4\, c[0]\Big)\Big)\Big) \Big/ \left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) +
$$

$$
\left(c'[0]\, c^{(4)}[0]\right) \Big/ \left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) +
$$

$$
\Big(7\, c'[0] \Big(\Big(c''[0]\, \Big(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 -
$$

$$
\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\Big) \Big/
$$

$$
\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) + \left(2\, c'[0]\, c^{(3)}[0]\right) \Big/
$$

$$
\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) + \Big(10\, c'[0]
$$

$$
\Big(\Big(3\, c'[0]\, \Big(-\left(4\, c'[0]^2\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 -
$$

$$
\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\Big) \Big/
$$

$$
\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0] \Big/
$$

$$
\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\Big)\Big) \Big/
$$

$$
\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - c^{(4)}[0] \Big/
$$

$$
\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\Big)\Big) \Big/
$$

$$
\left(2\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - c^{(5)}[0] \Big/
$$

$$
\left(12\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\Big)\Big)\Big) \Big/ \Big(5\Big(A0^2
$$

$$
e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\Big)\Big) -
$$

$$
\frac{c^{(6)}[0]}{60\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)}\Big)\Big) \Big/ \Big(2\Big(A0^2\, e^2 - 4
$$

$$
A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\Big)\Big) -
$$

$$
\Big(\Big(-\frac{4\, c'[0]^2}{\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} - \frac{2\, c''[0]}{A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]}\Big)
$$

$$c^{(7)}[0] \Bigg/$$

$$\left(1680 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) +$$

$$\left(12 c''[0] \left(\left(\left(3 c'[0] \left(-\left(4 c'[0]^2\right) \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 - \right.\right.\right.\right.\right.$$

$$\left(2 c''[0]\right) \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\right) \Bigg/ \left(A0^2 e^2 - \right.$$

$$\left. 4 A0 e E0 + 4 E0^2 - 4 c[0]\right) - \frac{c^{(3)}[0]}{A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]}\right)$$

$$c^{(4)}[0] \Bigg/ \left(18 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) +$$

$$\left(5 c^{(3)}[0] \left(\left(c''[0] \left(-\left(4 c'[0]^2\right) \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left(2 c''[0]\right) \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\right) \Bigg/$$

$$\left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right) + \left(2 c'[0] c^{(3)}[0]\right) \Bigg/$$

$$\left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2\right) + \left(10 c'[0]\right.$$

$$\left(\left(3 c'[0] \left(-\left(4 c'[0]^2\right) \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 c''[0]\right) \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\right) \Bigg/ \left(A0^2\right.$$

$$\left. e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right) - c^{(3)}[0] \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + \right.$$

$$\left. 4 E0^2 - 4 c[0]\right)\right)\right) \Bigg/ \left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) -$$

$$c^{(4)}[0] \Bigg/ \left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\right)\right) \Bigg/$$

$$\left(12 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) -$$

$$\left(\left(-\left(4 c'[0]^2\right) \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 - \right.\right.$$

$$\left. \frac{2 c''[0]}{A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]}\right) c^{(5)}[0]\right) \Bigg/$$

$$\left(120 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) + \left(8 c''[0]\right.$$

$$\left(\left(\left(-\left(4 c'[0]^2\right) \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 c''[0]\right) \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) c^{(3)}[0]\right) \Bigg/$$

$$\left(6 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) + \left(4 c''[0]\right.$$

$$\left(\left(3 c'[0] \left(-\left(4 c'[0]^2\right) \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2 - \right.\right.\right.$$

$$\left(2 c''[0]\right) \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right)\right) \Bigg/ \left(A0^2\right.$$

$$\left. e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right) - c^{(3)}[0] \Bigg/ \left(A0^2 e^2 - 4 A0 e E0 + \right.$$

$$\left. 4 E0^2 - 4 c[0]\right)\right)\right) \Bigg/ \left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)\right) +$$

$$\left(c'[0] c^{(4)}[0]\right) \Bigg/ \left(3 \left(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]\right)^2\right) +$$

$$\left(7\, c'[0]\, \left(\left(c''[0]\, \left(-\left(4\, c'[0]^2\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\left(2\, c''[0]\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) + \left(2\, c'[0]\, c^{(3)}[0]\right)\Big/$$

$$\left(3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right)\right) + \left(10\, c'[0]\right.$$

$$\left(\left(3\, c'[0]\, \left(-\left(4\, c'[0]^2\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.$$

$$\left.\left(2\, c''[0]\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0]\Big/$$

$$\left.\left.\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\Big/$$

$$\left(3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - c^{(4)}[0]\Big/$$

$$\left.\left.\left(3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\right)\Big/$$

$$\left(2\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - c^{(5)}[0]\Big/$$

$$\left.\left.\left(12\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\right)\Big/\left(5\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + \right.\right.$$

$$\left.\left. 4\, E0^2 - 4\, c[0]\right)\right) + \frac{c'[0]\, c^{(6)}[0]}{45\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} + \left(11\, c'[0]\right.$$

$$\left(\left(c^{(3)}[0]\, \left(\left(3\, c'[0]\, \left(-\left(4\, c'[0]^2\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.\right.$$

$$\left.\left.\left(2\, c''[0]\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0]\Big/$$

$$\left.\left.\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\Big/$$

$$\left(3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \left(3\, c''[0]\right.$$

$$\left(\left(c''[0]\, \left(-\left(4\, c'[0]^2\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.$$

$$\left.\left(2\, c''[0]\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) + \left(2\, c'[0]\, c^{(3)}[0]\right)\Big/$$

$$\left(3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) + \left(10\, c'[0]\right.$$

$$\left(\left(3\, c'[0]\, \left(-\left(4\, c'[0]^2\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.$$

$$\left.\left(2\, c''[0]\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0]\Big/$$

$$\left.\left.\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\Big/$$

$$\left(3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - c^{(4)}[0]\Big/$$

$$\left.\left.\left(3\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\right)\Big/$$

$$\left(2\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \left(c'[0]\, c^{(5)}[0]\right)\Big/$$

$$\left(10\, \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) +$$

$$\left(18\, c'[0]\, \left(\left(\left(-\left(4\, c'[0]^2\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.$$

$$\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\, c^{(3)}[0]\right) \Big/$$

$$\left(6\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \left(4\, c''[0]\right.$$

$$\left(\left(3\, c'[0]\left(-\left(4\, c'[0]^2\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.$$

$$\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - c^{(3)}[0]\Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/$$

$$\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \left(c'[0]\, c^{(4)}[0]\right) \Big/$$

$$\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) + \left(7\, c'[0]\right.$$

$$\left(\left(c''[0]\left(-\left(4\, c'[0]^2\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.$$

$$\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) + \left(2\, c'[0]\, c^{(3)}[0]\right) \Big/$$

$$\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) + \left(10\, c'[0]\right.$$

$$\left(\left(3\, c'[0]\left(-\left(4\, c'[0]^2\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) - \right.$$

$$\left. c^{(3)}[0]\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/$$

$$\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - $$

$$c^{(4)}[0]\Big/\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\right) \Big/$$

$$\left(2\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - c^{(5)}[0]\Big/$$

$$\left(12\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\right) \Big/$$

$$\left(5\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) - c^{(6)}[0]\Big/$$

$$\left(60\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right)\right) \Big/ \left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + \right.\right.$$

$$\left.4\, E0^2 - 4\, c[0]\right)\right) - \frac{c^{(7)}[0]}{360\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)}\right)\right) \Big/ \left(7\right.$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right) + \frac{c'[0]\, c^{(8)}[0]}{1680\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2} + $$

$$\left(15\, c'[0]\left(\left(c^{(4)}[0]\left(\left(c''[0]\left(-\left(4\, c'[0]^2\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.\right.\right.$$

$$\left(2\, c''[0]\right) \Big/ \left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)\right)\right) \Big/$$

$$\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right) + \left(2\, c'[0]\, c^{(3)}[0]\right) \Big/$$

$$\left(3\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2\right) + \left(10\, c'[0]\right.$$

$$\left(\left(3\, c'[0]\left(-\left(4\, c'[0]^2\right)\Big/\left(A0^2\, e^2 - 4\, A0\, e\, E0 + 4\, E0^2 - 4\, c[0]\right)^2 - \right.\right.\right.$$

$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\Big/\left(A0^2\right.$$

$$e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)-c^{(3)}[0]\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+\right.$$

$$4\,E0^2-4\,c[0]\right)\right)\right)\Big/\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)-$$

$$c^{(4)}[0]\Big/\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\right)\Big/$$

$$\left(12\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)+$$

$$\left(\left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-\right.\right.\right.\right.$$

$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\Big/\left(A0^2\,e^2-\right.$$

$$4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)-\frac{c^{(3)}[0]}{A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]}\right)$$

$$c^{(5)}[0]\right)\Big/\left(180\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)+$$

$$\left(7\,c^{(3)}[0]\left(\left(\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-\right.\right.\right.\right.$$

$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)c^{(3)}[0]\right)\Big/$$

$$\left(6\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)+\left(4\,c''[0]\right.$$

$$\left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-\right.\right.\right.$$

$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\Big/\left(A0^2\right.$$

$$e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)-c^{(3)}[0]\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+\right.$$

$$4\,E0^2-4\,c[0]\right)\right)\right)\Big/\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)+$$

$$\left(c'[0]\,c^{(4)}[0]\right)\Big/\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2\right)+$$

$$\left(7\,c'[0]\left(\left(c''[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-\right.\right.\right.$$

$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\Big/$$

$$\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)+\left(2\,c'[0]\,c^{(3)}[0]\right)\Big/$$

$$\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2\right)+\left(10\,c'[0]\right.$$

$$\left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)^2-\right.\right.\right.$$

$$\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\Big/$$

$$\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)-c^{(3)}[0]\Big/$$

$$\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\Big/$$

$$\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)-c^{(4)}[0]\Big/$$

$$\left(3\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\right)\Big/$$

$$\left(2\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)-c^{(5)}[0]\Big/$$

$$\left(12\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)\right)\right)\Big/$$

$$\left(15\left(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\right)\right)-\left(\left(-\left(4\,c'[0]^2\right)\Big/\right.\right.$$

$$
\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 -
$$

$$
\frac{2\ c''[0]}{A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]}\Bigg)\ c^{(6)}[0]\Bigg)\Big/
$$

$$
\left(360\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \Big(5\ c''[0]
$$

$$
\left(\left(c^{(3)}[0]\ \left(3\ c'[0]\ \left(-\left(4\ c'[0]^2\right)\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.\right.
$$

$$
\left.\left.\left.(2\ c''[0])\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\Big/
$$

$$
\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) - c^{(3)}[0]\ \Big/
$$

$$
\left.\left.\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\Big/
$$

$$
\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \Big(3\ c''[0]
$$

$$
\left(\left(c''[0]\ \left(-\left(4\ c'[0]^2\right)\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.
$$

$$
\left.\left.(2\ c''[0])\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\Big/
$$

$$
\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) + \left(2\ c'[0]\ c^{(3)}[0]\right)\Big/
$$

$$
\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2\right) + \Big(10\ c'[0]
$$

$$
\left(\left(3\ c'[0]\ \left(-\left(4\ c'[0]^2\right)\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.
$$

$$
\left.\left.(2\ c''[0])\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\Big/
$$

$$
\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) - c^{(3)}[0]\ \Big/
$$

$$
\left.\left.\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\Big/
$$

$$
\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) - c^{(4)}[0]\ \Big/
$$

$$
\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\Big)\Big)\Big/
$$

$$
\left(2\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \left(c'[0]\ c^{(5)}[0]\right)\Big/
$$

$$
\left(10\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2\right) +
$$

$$
\left(18\ c'[0]\ \left(\left(\left(-\left(4\ c'[0]^2\right)\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.\right.
$$

$$
\left.\left.\left.(2\ c''[0])\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\ c^{(3)}[0]\right)\Big/
$$

$$
\left(6\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \Big(4\ c''[0]
$$

$$
\left(\left(3\ c'[0]\ \left(-\left(4\ c'[0]^2\right)\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.
$$

$$
\left.\left.(2\ c''[0])\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\Big/
$$

$$
\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) - c^{(3)}[0]\ \Big/
$$

$$
\left.\left.\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\Big/
$$

$$
\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \left(c'[0]\ c^{(4)}[0]\right)\Big/
$$

$$
\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2\right) + \Big(7\ c'[0]
$$

$$
\left(\left(c''[0]\ \left(-\left(4\ c'[0]^2\right)\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.
$$

$$
\left.\left.(2\ c''[0])\Big/\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\Big/
$$

$$
\begin{aligned}
&\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) + \left(2\,c'[0]\,c^{(3)}[0]\right) \Big/ \\
&\left(3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2\right) + \left(10\,c'[0]\right. \\
&\qquad \left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[\right.\right.\right.\right. \\
&\qquad\qquad \left.0]\right)^2 - \left(2\,c''[0]\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\right. \\
&\qquad\qquad \left.\left.c[0]\right)\right)\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) - \\
&\qquad c^{(3)}[0]\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\Big)\Big)\Big/ \\
&\left(3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - \\
&\quad c^{(4)}[0]\Big/\left(3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\Big)\Big)\Big/ \\
&\left(2\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - c^{(5)}[0]\Big/ \\
&\left(12\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\Big)\Big)\Big/ \\
&\left(5\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - c^{(6)}[0]\Big/ \\
&\left(60\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\Big)\Big)\Big/ \\
&\left(3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) + \left(c'[0]\,c^{(7)}[0]\right)\Big/ \\
&\left(252\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2\right) + \\
&\left(26\,c'[0]\left(\left(\left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \right.\right.\right.\right.\right.\right. \\
&\qquad \left.\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\Big)\Big/ \\
&\qquad \left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) - c^{(3)}[0]\Big/ \\
&\qquad \left.\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\,c^{(4)}[0]\right)\Big/ \\
&\left(18\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) + \left(5\,c^{(3)}[0]\right. \\
&\qquad \left(\left(c''[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \right.\right.\right. \\
&\qquad\qquad \left.\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\Big)\Big/ \\
&\qquad \left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) + \left(2\,c'[0]\,c^{(3)}[0]\right)\Big/ \\
&\qquad \left(3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2\right) + \left(10\,c'[0]\right. \\
&\qquad\qquad \left(\left(3\,c'[0]\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \right.\right.\right. \\
&\qquad\qquad\qquad \left.\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\Big)\Big/ \\
&\qquad\qquad \left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right) - c^{(3)}[0]\Big/ \\
&\qquad\qquad \left.\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\Big)\Big/ \\
&\qquad \left(3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - c^{(4)}[0]\Big/ \\
&\qquad \left(3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\Big)\Big)\Big/ \\
&\left(12\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - \\
&\left(\left(-\left(4\,c'[0]^2\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)^2 - \right.\right. \\
&\qquad \left.\left(2\,c''[0]\right)\Big/\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) \\
&\qquad c^{(5)}[0]\right)\Big/\left(120\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) +
\end{aligned}
$$

$$\left(8\ c''[0]\ \left(\left(\left(-\left(4\ c'[0]^2\right)\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.\right.$$

$$\left(2\ c''[0]\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\ c^{(3)}[0]\right) \middle/$$

$$\left(6\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \left(4\ c''[0]\right.$$

$$\left(\left(3\ c'[0]\ \left(-\left(4\ c'[0]^2\right)\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.$$

$$\left(2\ c''[0]\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right) \middle/$$

$$\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) - c^{(3)}[0] \middle/$$

$$\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right) \middle/$$

$$\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \left(c'[0]\ c^{(4)}[0]\right) \middle/$$

$$\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2\right) + \left(7\ c'[0]\right.$$

$$\left(\left(c''[0]\ \left(-\left(4\ c'[0]^2\right)\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.$$

$$\left(2\ c''[0]\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right) \middle/$$

$$\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) + \left(2\ c'[0]\ c^{(3)}[0]\right) \middle/$$

$$\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2\right) + \left(10\ c'[0]\right.$$

$$\left(\left(3\ c'[0]\ \left(-\left(4\ c'[0]^2\right)\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[\right.\right.\right.$$

$$\left.0]\right)^2 - \left(2\ c''[0]\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\right.$$

$$\left.c[0]\right)\right)\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) -$$

$$c^{(3)}[0] \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right) \middle/$$

$$\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) -$$

$$c^{(4)}[0] \middle/ \left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\right) \middle/$$

$$\left(2\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) - c^{(5)}[0] \middle/$$

$$\left(12\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right)\right) \middle/$$

$$\left(5\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \left(c'[0]\ c^{(6)}[0]\right) \middle/$$

$$\left(45\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2\right) + \left(11\ c'[0]\ \left(\left(c^{(3)}[0]\right.\right.\right.$$

$$\left(\left(3\ c'[0]\ \left(-\left(4\ c'[0]^2\right)\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.$$

$$\left(2\ c''[0]\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right) \middle/$$

$$\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) - c^{(3)}[0] \middle/$$

$$\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right) \middle/$$

$$\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right) + \left(3\ c''[0]\right.$$

$$\left(\left(c''[0]\ \left(-\left(4\ c'[0]^2\right)\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2 - \right.\right.$$

$$\left(2\ c''[0]\right) \middle/ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)\right)\right) \middle/$$

$$\left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right) + \left(2\ c'[0]\ c^{(3)}[0]\right) \middle/$$

$$\left(3\ \left(A0^2\ e^2 - 4\ A0\ e\ E0 + 4\ E0^2 - 4\ c[0]\right)^2\right) + \left(10\ c'[0]\right.$$

$$
\Bigg(\Bigg(3\,c'[0]\,\Big(-\big(4\,c'[0]^2\big)\big/\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)^2-\big(2\,c''[0]\big)\big/\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\Big)\Big)\Big/\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)-
$$

$$
c^{(3)}[0]\big/\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\Big)\Big)\Big/
$$

$$
\big(3\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)-
$$

$$
c^{(4)}[0]\big/\,\big(3\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)\Big)\Big)\Big/
$$

$$
\big(2\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)+\big(c'[0]\,c^{(5)}[0]\big)\Big/
$$

$$
\big(10\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)^2\big)+
$$

$$
\Big(18\,c'[0]\,\Big(\Big(\big(-\big(4\,c'[0]^2\big)\big/\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)^2-
$$

$$
\big(2\,c''[0]\big)\big/\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)
$$

$$
c^{(3)}[0]\Big)\Big/\,\big(6\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)+
$$

$$
\Big(4\,c''[0]\,\Big(\big(3\,c'[0]\,\big(-\big(4\,c'[0]^2\big)\big/\,\big(A0^2\,e^2-
$$

$$
4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)^2-\big(2\,c''[0]\big)\big/
$$

$$
\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)\Big)\Big/
$$

$$
\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)-
$$

$$
c^{(3)}[0]\big/\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)\Big)\Big/
$$

$$
\big(3\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)+\big(c'[0]\,c^{(4)}[0]\big)\Big/
$$

$$
\big(3\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)^2\big)+\Big(7\,c'[0]
$$

$$
\Big(\big(c''[0]\,\big(-\big(4\,c'[0]^2\big)\big/\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)^2-\big(2\,c''[0]\big)\big/\,\big(A0^2\,e^2-4\,A0\,e\,E0+4
$$

$$
c[0]\big)\big)\Big)\Big/\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)+
$$

$$
\big(2\,c'[0]\,c^{(3)}[0]\big)\Big/\,\big(3\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-
$$

$$
4\,c[0]\big)^2\big)+\Big(10\,c'[0]\,\Big(\big(3\,c'[0]\,\big(-\big(4\,c'[0]^2\big)\big/
$$

$$
\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)^2-\big(2\,c''[0]\big)\big/\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)\Big)\Big/
$$

$$
\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)-c^{(3)}[0]\big/\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)\Big)\Big/
$$

$$
\big(3\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)-c^{(4)}[0]\big/\,\big(3\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)\Big)\Big)\Big/
$$

$$
\big(2\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)-
$$

$$
c^{(5)}[0]\big/\,\big(12\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)\Big)\Big)\Big/
$$

$$
\big(5\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)-c^{(6)}[0]\big/
$$

$$
\big(60\,\big(A0^2\,e^2-4\,A0\,e\,E0+4\,E0^2-4\,c[0]\big)\big)\Big)\Big)\Big/
$$

$$\left(3\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - c^{(7)}[0]\Big/$$

$$\left(360\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\Big)\Big)\Big/$$

$$\left(7\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) - c^{(8)}[0]\Big/$$

$$\left(2520\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right)\Big)\Big)\Big/$$

$$\left(4\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)\right) -$$

$$\frac{c^{(9)}[0]}{20160\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}\Big) -$$

$$\frac{c^{(10)}[0]}{181440\left(A0^2\,e^2 - 4\,A0\,e\,E0 + 4\,E0^2 - 4\,c[0]\right)}\Big)\Big)\,b^{10} + O[$$

$$b]^{11}$$