$$\Big\{ \Big\{ \texttt{p[t]} \, \to \, \frac{-\, \texttt{A0 e X[t]} + 2\,\, \texttt{c}^{\,2} \,\, \texttt{m X[t]} + \text{h i X'[t]}}{\texttt{c o P}} \Big\} \Big\}$$

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

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

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

p[t\_] =.

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

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

\$Assumptions = True

True

Exit[]

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

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

Series 
$$\begin{bmatrix} \frac{1}{2} & (A0 e - 2 E0 - \sqrt{(-A0 e + 2 E0)^2 - 4 c[b]} \end{pmatrix}$$
, {b, 0, 10}

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

$$\left(\left(2\;\text{C'}\left[0\right]^{\,2}+\text{A0}^{\,2}\;\text{e}^{\,2}\;\text{C''}\left[0\right]-4\;\text{A0}\;\text{e}\;\text{E0}\;\text{C''}\left[0\right]+4\;\text{E0}^{\,2}\;\text{C''}\left[0\right]-4\;\text{C}\left[0\right]\;\text{C''}\left[0\right]\right)\;\text{b}^{\,2}\right)\right/$$

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

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

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

$$\begin{split} b^3 - \frac{1}{8} \left( \sqrt{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]} \right) \\ & \left( \left[ \left( e''[0] \left[ - \frac{4 \ c'[0]^2}{(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0])^2} - \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} + \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} + \frac{2 \ c''[0] \ c'^3[0]}{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right)} \right) \\ & - \frac{2 \ c''[0]}{\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 \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) - \frac{2 \ c''[0]}{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right)} \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) d^4 - \frac{1}{10} \left( \sqrt{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right)} - \frac{c^{(4)}[0]}{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right)} - \frac{2 \ c''[0]}{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[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[ \left( 3 \ c'[0] \right) \right) \right) \right) \right) \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \\ & - \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) + \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) \right) + \frac{2 \ c''[0]}{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \\ & - \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) + \frac{2 \ c''[0]}{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \\ & - \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \\ & - \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) + \frac{2 \ c''[0]}{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \\ & - \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \\ & - \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{2 \, c'' \, [0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0]} \bigg) \bigg) \bigg/ \\ \left( 30^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) - \frac{c^{(3)} \, [0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0]} \bigg) \bigg) \bigg/ \\ \left( 3 \, \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) + \frac{c^{\prime} \, [0] \, c^{(4)} \, [0]}{3 \, \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right)} \right) \bigg/ \\ \left( 7 \, c' \, [0] \, \left[ \left( c'' \, [0] \, \left[ - \left( 4 \, c' \, [0]^2 \right) / \, (A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right)^2 \right. \right] \right. \\ \left. \frac{2 \, c'' \, [0]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0]} \right) \bigg) \bigg/ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right)^2 - \frac{2 \, c'' \, [0]}{3 \, \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right)^2} + \left. \left( 10 \, c' \, [0] \, \left( \left[ 3 \, c' \, [0] \, (3 \, c' \,$$

$$4 c[0] + \frac{2 c'[0] c^{[3]}[0]}{3 (a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{10 c'[0] \left( 3 c'[0] \right)}{3 (a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{10 c'[0] \left( 3 c'[0] \right)}{(a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{10 c'[0] \left( 3 c'[0] \right)}{(a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} \right) / (a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0]) \right) / (a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0]) \right) / (a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0]) \right) / (a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0]) \right) / (a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0]) \right) / (a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2} + \frac{c'[0] c^{(5)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(5)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(5)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(5)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(5)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(5)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(5)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(5)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(4)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(4)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(4)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(4)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(4)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(4)}[0]}{a 0^{2} e^{2} - 4 \ A 0 \ e \ E 0 + 4 \ E 0^{2} - 4 \ c[0])^{2}} + \frac{c'[0] c^{(4)}[0]}{a 0^{2} e^{2} - 4 \$$

$$c^{(5)}[0] \Bigg/ \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( -\frac{4 \ c'[0]^2}{(A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0])}^2 - \frac{2 \ c''[0]}{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]} \right) \right) \\ - c^{(3)}[0] \Bigg/ \left( 6 \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0]) \right) + \\ \left( 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) \right) \right) \right) \right) \\ - \left( 2 \ c''[0] \middle) \Bigg/ \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) - \frac{c^{(3)}[0]}{A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) } \right) \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) } \right) + \frac{c'[0] \ 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^{(4)}[0]}{3 \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) } \right) - \frac{c^{(3)}[0]}{3 \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) } + \frac{c'[0] \ c^{(4)}[0]}{3 \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) } + \frac{c'[0] \ 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^{(4)}[0]}{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) } \right) - \frac{c'[0] \ 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^{(4)}[0]}{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) } \right) - \frac{c'[0] \ 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^{(4)}[0]}{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) } \right) - \frac{c'[0] \ 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^{(4)}[0]}{3 \left( A0^2 \ e^2 - 4 \ A0$$

$$\begin{array}{c} (A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0]) \\ 5 \\ c''[0] \\ \left( \left[ c^{\left(\frac{3}{2}\right)} \left[ 0 \right] \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) \right)^2 - \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{c^{\left(\frac{3}{2}\right)} \left[ 0 \right]}{A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0])} \right) \right) \\ \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[ \left( c''[0] \, \left( - \left( 4 \, c'[0]^2 \right) \right) \right/ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right) \right) \right) \\ \left( (3 \, c''[0]) \left( \left[ \left( c'''[0] \, \left( - \left( 4 \, c'[0]^2 \right) \right) \right/ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right) \right) \\ \left( (3 \, c''[0]) \left( \left[ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right) \right) \right) \\ \left( (4 \, c'[0]^2) \right) \left( (A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right) \\ \left( (4 \, c'[0]^2) \right) \left( (A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right) \right) \\ \left( (3 \, \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right) \right) \\ \left( (4 \, E0^2 - 4 \, c \, [0]) \right) - \frac{c^{\left(\frac{4}{3}\right)} \left[ 0 \right]}{3 \, \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right) } \\ \left( (2 \, \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right) + \frac{c^{\left(\frac{1}{3}\right)} \left[ \left( 0 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right)}{10 \, \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) } \right) \\ \left( (2 \, \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right) + \frac{c^{\left(\frac{1}{3}\right)} \left[ \left( 0 \, e^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right)}{10 \, \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right)} \right) \\ \left( (2 \, \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right) + \frac{c^{\left(\frac{1}{3}\right)} \left[ \left( \left[ \left( \left( a^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right)}{10 \, \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right)} \right) \\ \left( (4 \, \left( \left( A0^2 \, e^2 - 4 \, A0 \,$$

$$4 \ \mathbb{E}0^2 - 4 \ \mathbb{C}[0]) - \frac{\mathbb{C}^{(3)}[0]}{\lambda 0^2 \ \mathbb{E}^2 - 4 \ \lambda 0 \ \mathbb{E}[0] + 4 \ \mathbb{E}0^2 - 4 \ \mathbb{C}[0])} / \left(3 \ (\lambda 0^2 \ \mathbb{E}^2 - 4 \ \lambda 0 \ \mathbb{E}[0] + 4 \ \mathbb{E}[0] \ \mathbb{E}[0] \right) / \left(3 \ (\lambda 0^2 \ \mathbb{E}^2 - 4 \ \lambda 0 \ \mathbb{E}[0] + 4 \ \mathbb{E}[0] \ \mathbb{E}[0] \right) + \frac{\mathbb{C}'[0] \ \mathbb{C}^{(4)}[0]}{3 \ (\lambda 0^2 \ \mathbb{E}^2 - 4 \ \lambda 0 \ \mathbb{E}[0] + 4 \ \mathbb{E}[0] - 4 \ \mathbb{E}[0])^2} + \frac{\mathbb{C}'[0] \ \mathbb{C}^{(4)}[0]}{3 \ (\lambda 0^2 \ \mathbb{E}^2 - 4 \ \lambda 0 \ \mathbb{E}[0] + 4 \ \mathbb{E}[0] + 4 \ \mathbb{E}[0] + 4 \ \mathbb{E}[0] - 4 \ \mathbb{E}[0])^2} + \frac{\mathbb{C}[0] \ \mathbb{C}^{(4)}[0]}{(3 \ \mathbb{C}^{(4)}[0]) / (\lambda 0^2 \ \mathbb{E}^2 - 4 \ \lambda 0 \ \mathbb{E}[0] + 4 \ \mathbb{E}[0] + 4 \ \mathbb{E}[0]) / (\lambda 0^2 \ \mathbb{E}^2 - 4 \ \lambda 0 \ \mathbb{E}[0] + 4 \ \mathbb{E}[0]) / (\lambda 0^2 \ \mathbb{E}^2 - 4 \ \mathbb{E}[0]) / (\lambda 0^2 \ \mathbb{E}[0]) / (\lambda 0^2 \ \mathbb{E}^2 - 4 \ \mathbb{E}[0]) / (\lambda 0^2 \ \mathbb{E}[0]) / (\lambda 0^$$

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

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

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

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

$$\left(-\frac{4\,\,\text{c}'\,[0]^2}{\left(\text{A0}^2\,e^2-4\,\,\text{A0}\,e\,\,\text{E0}+4\,\,\text{E0}^2-4\,\,\text{c}\,[0]\right)}-\frac{2\,\,\text{c}''\,[0]}{\text{A0}^2\,e^2-4\,\,\text{A0}\,e\,\,\text{E0}+4\,\,\text{E0}^2-4\,\,\text{c}\,[0]}\bigg)}\right)\bigg)\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg/\bigg(120\,\,\left(\text{A0}^2\,e^2-4\,\,\text{A0}\,e\,\,\text{E0}+4\,\,\text{E0}^2-4\,\,\text{c}\,[0]\right)\bigg)\bigg)\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg/\bigg(120\,\,\left(\text{A0}^2\,e^2-4\,\,\text{A0}\,e\,\,\text{E0}+4\,\,\text{E0}^2-4\,\,\text{c}\,[0]\bigg)\bigg)\bigg)\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg(12\,\,\text{c}^{(5)}\,[0]\bigg)\bigg(12\,\,\text$$

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

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

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

$$\left( 2 \, c''' \left[ 0 \right] \right) \left( \left| \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) \right| \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right)^2 - \left( 2 \, c''' \left[ 0 \right] \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right)^2 + \left( 10 \, c' \left[ 0 \right] \left( \left( 3 \, c' \left[ 0 \right] \right) \right) \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right)^2 - \left( 2 \, c''' \left[ 0 \right] \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ a0 \ e \ E0 + 4 \ E0^2 - 4 \ a0 \ e \ E0 + 4 \ E0^2 - 4 \ a0 \ e \ E0 + 4 \ E0^2 - 4 \ a0 \ e \ E0 + 4 \ E0^2 - 4 \ a0 \ e \ E0 + 4 \ E0^2 - 4 \ a0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) \right) / \left( 3 \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ a0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) / \left( A0^2 \, e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left[ 0 \right] \right) / \left( A0^2 \, e^$$

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

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

$$= \frac{e^{-4} \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] - e^{-3} \text{ o} [0] \left( \left( 3 \text{ A}^2 \text{ e}^2 - 4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] \right) \right) - e^{-4} \text{ o} \left[ 10 \text{ o} \right] \left( 3 \text{ (A}^2 \text{ e}^2 - 4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] \right) \right) \right) \right) \right) } \right)$$

$$= \frac{e^{-3} \text{ [O]}}{12 \left( 3 \text{ A}^2 \text{ e}^2 - 4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] \right) \right) } \right) }{4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] \right) } \right) } \right)$$

$$= \frac{e^{-3} \text{ [O]}}{12 \left( 3 \text{ A}^2 \text{ e}^2 - 4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] \right) } \right) }{4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] } \right) } \right) }$$

$$= \frac{e^{-3} \text{ [O]}}{12 \left( 3 \text{ A}^2 \text{ e}^2 - 4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] \right) } \right) }{4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] } \right) } \right) }$$

$$= \frac{e^{-3} \text{ [O]}}{4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] } \right) }{4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] } \right) } \right) } \right)$$

$$= \frac{e^{-3} \text{ [O]}}{4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] } \right) }{4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] } \right) } \right) } \right)$$

$$= \frac{e^{-3} \text{ A} \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] } \right) }{4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] } \right) } \right) / \left( 3 \text{ A}^2 \text{ e}^2 - 4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] \right) } \right)$$

$$= \frac{e^{-3} \text{ A} \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] } \right) }{4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] } \right) } \right) / \left( 3 \text{ A}^2 \text{ e}^2 - 4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] \right) \right)$$

$$= \frac{e^{-3} \text{ A} \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] }{4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] } \right) }{4 \text{ A} 0 \text{ e EO} + 4 \text{ EO}^2 - 4 \text{ c} [0] } \right) / \left( 3 \text{ A}^2 \text{ e}^2 - 4 \text{ A} 0 \text{ e EO$$

$$\left( a \left( 2 \right) - 4 \left( c \left( 0 \right) \right) \right) \right) / \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right)^2 \right) + \\ \left( c' \left( 0 \right) \left( c^4 \right) \left( 0 \right) \right) / \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right)^2 \right) + \\ \left( 7 \ c' \left( 0 \right) \left( \left( c'' \left( 0 \right) \right) - \left( 4 \ c' \left( 0 \right)^2 \right) / \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) \right) / \\ \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) \right) / \\ \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right)^2 \right) + \left( 10 \ c' \left( 0 \right) \right) \\ \left( \left( 3 \ c' \left( 0 \right) \left( - \left( 4 \ c' \left( 0 \right)^2 \right) / \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) \right) / \\ \left( 2 \ c'' \left( 0 \right) \right) / \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) \right) / \\ \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( 2 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) \right) / \\ \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) \right) / \\ \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c \left( 0 \right) \right) \right) / \\ \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E$$

$$\begin{array}{c} 4\, \text{A0}\, \text{e}\, \text{E0}\, \text{f}\, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{C}\, \text{[0]}\, \right) - \frac{\text{c}^{(3)}\, \text{[0]}}{\text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{C}\, \text{[0]}\, \right)} / \\ & \frac{\text{c}^{(4)}\, \text{[0]}}{3\, \left(\text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{[0]}\, \right)} / \left(12\, \left(\text{A0}^2\, \frac{\text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{[0]}\, \right)} \right) / \\ & \frac{\text{c}^{(4)}\, \text{[0]}}{3\, \left(\text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{[0]}\, \right)} \right) / \\ & \frac{\text{c}^{(4)}\, \text{[0]}}{3\, \text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{[0]}\, \right)} / \\ & \frac{2\, \text{c}''\, \text{[0]}}{\text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{[0]}\, \right)} / \\ & \frac{2\, \text{c}''\, \text{[0]}}{\text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{[0]}\, \right)} / \\ & \frac{2\, \text{c}''\, \text{[0]}}{\text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{[0]}\, \right)} / \\ & \frac{\text{c}^{(3)}\, \text{[0]}\, \left( \left( \left( \, \text{4}\, \text{c}'\, \text{[0]}^2\, \right) / \, \left( \, \text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{[0]} \right) \right) + \\ & \frac{\text{c}^{(3)}\, \text{[0]}\, \left( \left( \left( \, \text{4}\, \text{c}'\, \text{[0]}^2\, \right) / \, \left( \, \text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{[0]} \right) \right) / \\ & \frac{2\, \text{c}''\, \text{[0]}\, \left( \left( \left( \, \text{4}\, \text{c}'\, \text{[0]}^2\, \right) / \, \left( \, \text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{[0]} \right) \right) / \\ & \frac{2\, \text{c}''\, \text{[0]}\, \left( \left( \, \text{4}\, \text{c}'\, \text{[0]}^2\, \right) / \, \left( \, \text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{[0]} \right) \right) / \\ & \left( \left( \, \text{6}\, \text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{[0]} \right) \right) / \left( \, \text{3}\, \left( \, \text{A0}^2\, \text{e}^2\, - \, \text{4}\, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{E0} \right) \right) \right) / \\ & \left( \left( \, \, \text{6}\, \, \text{A0}\, \text{e}\, \text{E0}\, + \, \text{4}\, \text{E0}^2\, - \, \text{4}\, \text{c}\, \text{E0} \right) \right) / \left$$

$$c^{(4)}[0] / \left( 3 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c [0] \right) \right) \right) / \left( 2 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c [0] \right) \right) - \frac{c^{(5)}[0]}{12 \left( A0^2 e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c [0] \right)} \right) / \left( 15 \left( A0^2 e^2 - 4 \right) \right)$$

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

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

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

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

$$\begin{array}{c} c^{(4)}\left[0\right] \Big/ \left(3 \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \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) \right/ \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) \right/ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \\ c^{(5)}\left[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''\left[0\right] \left( \left( \left( - \left( 4 \, c' \, [0]^2 \right) \right/ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \right) - \\ c^{(5)}\left[0\right] \Big/ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) + \left( 4 \, c''\left[0\right] \right) \\ c^{(5)}\left[0\right] \Big/ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) + \left( 6 \, \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) + \left( 6 \, \left( 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) \Big) \Big/ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \Big) \Big/ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \Big) \Big/ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \Big) \Big/ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \Big) \Big/ \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \Big) \Big/ \left( C''\left[0\right] \left( \left( c'''\left[0\right] \left( - \left( 4 \, c''\left[0\right]^2 \right) \right) \left( A0^2 \, e^2 - 4 \, A0 \, e \, E0 + 4 \, E0^2 - 4 \, c \, [0] \right) \right) \Big) \Big/ \right) \Big) \Big( \left( 1 \, \left($$

```
\left(3~\text{G}''~[0]~\left(\left(\text{G}''~[0]~\left(-\left(4~\text{G}'~[0]~^2\right)\right/~\left(\text{A0}^{\,2}~\text{e}^{\,2}-4~\text{A0}~\text{e}~\text{E0}+4~\text{E0}^{\,2}-4~\text{C}\,[0]\right)\right)^{\,2}-\right.
                                                          (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                                   (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) + (2 c'[0] c^{(3)}[0])
                                   (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2) + (10 c'[0])
                                              \left( \left( \text{3 c'[0]} \left( -\left( \text{4 c'[0]}^{\,2} \right) \right) \right) \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0 e E0} + \text{4 E0}^{\,2} - \text{4 c[0]} \right)^{\,2} - \text{4 c[0]} \right)^{\,2} + \text{4 c[0]} \right)^{\,2} + \text{4 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{4 c[0]} \right)^{\,2} + \text{4 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{4 c[0]} \right)^{\,2} + \text{4 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \right)^{\,2} + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \right)^{\,2} + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \right)^{\,2} + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} - \text{4 A0} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2} \right) + \text{6 c[0]} \left( \text{A0}^{\,2} \, \text{e}^{\,2}
                                                                                        (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                                                                 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) - c^{(3)}[0]
                                                                (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) / (3 (A0^2 e^2 - 4 A0)
                                                               e E0 + 4 E0^2 - 4 C[0]) - C^{(4)}[0] / (3 (A0^2 e^2 - 4 A0 e E0 + 4))
                                                               E0^2 - 4 c[0]))) / (2 (A0<sup>2</sup> e<sup>2</sup> - 4 A0 e E0 + 4 E0<sup>2</sup> - 4 c[0])) +
\left( \texttt{C'[0]} \ \texttt{C}^{\left(5\right)} \left[ \texttt{0]} \right) \, \middle/ \ \left( \texttt{10} \ \left( \texttt{A0}^{\, 2} \ \texttt{e}^{\, 2} \, - \, \texttt{4} \ \texttt{A0} \ \texttt{e} \ \texttt{E0} \, + \, \texttt{4} \ \texttt{E0}^{\, 2} \, - \, \texttt{4} \ \texttt{C[0]} \right)^{\, 2} \right) \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C[0]} \right)^{\, 2} \right) \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C[0]} \right)^{\, 2} \, \right) \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( \texttt{C'[0]} \ \mathsf{e}^{\, 2} \, - \, \texttt{4} \ \mathsf{C'[0]} \right)^{\, 2} \, + \, \left( 
(18 \text{ c}'[0]) (((-(4 \text{ c}'[0]^2)) / (A0^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0])^2 -
                                                           (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) c^{(3)}[0])
                                   (6 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 C[0])) + (4 C''[0])
                                              (3 c'[0] (-(4 c'[0]^2) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 -
                                                                                        (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                                                                (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) - c^{(3)}[0]
                                                                (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))
                                   (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) + (c'[0] c^{(4)}[0])
                                   (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2) + (7 c'[0])
                                              \left( \left( \text{c"[0]} \left( -\left( \text{4c'[0]}^2 \right) \right) \right) \left( \text{A0}^2 \text{ e}^2 - \text{4A0 e E0} + \text{4E0}^2 - \text{4c[0]} \right)^2 - \right)
                                                                                        (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                                                                (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) + (2 c'[0] c^{(3)}[0])
                                                                 (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2) + (10 c'[0])
                                                                             (3 c'[0] (-(4 c'[0]^2) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[
                                                                                                                     0])<sup>2</sup> - (2 c" [0]) / (A0<sup>2</sup> e<sup>2</sup> - 4 A0 e E0 + 4 E0<sup>2</sup> - 4
                                                                                                                     c[0])) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) -
                                                                                       c^{(3)}[0] / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                                                                (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) -
                                                          c^{(4)}[0] / (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))))
                                   (2(A0^2 e^2 - 4A0 e E0 + 4E0^2 - 4c[0])) - c^{(5)}[0]
                                   (12 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))) (5 (A0<sup>2</sup> e<sup>2</sup> -
```

$$\begin{array}{c} 4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ ) ) - c^{(6)}\ [0]\ \left( 60\ \left( A0^2\ e^2\ -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) } - \\ & \frac{c^{(7)}\ [0]}{360\ \left( A0^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ ) \right) } - \\ & \frac{c^{(8)}\ [0]}{2520\ \left( A0^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ ) \right) } - \\ & \frac{c^{(8)}\ [0]}{2520\ \left( A0^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ ) } \right) - \\ & \frac{c^{(8)}\ [0]}{20160\ \left( A0^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ ) } \right) } b^3 - \frac{1}{20} \\ & \left( \left( \left( \left( \frac{4\ c'\ [0]\ ^2}{\left( A0^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ \right) } \right) + \\ & \left( \left( \frac{4\ c''\ [0]\ }{\left( A0^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ \right) } \right) + \\ & \left( \frac{4\ c''\ [0]\ }{\left( A0^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ \right) } \right) \right) \right) \\ & \left( \frac{3\ c'\ [0]\ }{\left( A0^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ \right) } + \\ & \left( \frac{3\ c'\ [0]\ }{\left( A0^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ \right) } \right) \right) \right) }{\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) \right) \right) } \\ & \left( \frac{3\ c'\ [0]\ }{\left( a^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ \right) } + \\ & \left( \frac{2\ c''\ [0]\ }{\left( a^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ \right) } + \\ & \left( \frac{2\ c''\ [0]\ }{\left( a^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ \right) } \right) \right) \right) \right) }{\left( \frac{2\ c''\ [0]\ }{\left( a^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ \right) } + \\ & \left( \frac{2\ c''\ [0]\ }{\left( a^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ \right) } \right) \right) \right) }{\left( \frac{2\ c''\ [0]\ }{\left( a^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ \right) }{\left( \frac{2\ c''\ [0]\ }{\left( a^2\ e^2\ -4\ A0\ e\ E0\ +4\ E0^2\ -4\ c\ [0]\ \right) } \right) } \right) }} \right) \right) }$$

$$\begin{array}{c} = \ \, \ \, 0 + 4 \ \, E0^2 - 4 \ \, c(0)) \Big) \Big/ \ \, \Big( 3 \ \, \Big( A0^2 \ \, e^2 - 4 \ \, A0 \ \, e \ \, E0 + 4 \ \, E0^2 - 4 \ \, c(0) \Big) \Big) - \\ \frac{c^{(4)} [0]}{3 \ \, \big( A0^2 \ \, e^2 - 4 \ \, A0 \ \, e \ \, E0 + 4 \ \, E0^2 - 4 \ \, c(0) \big) } \Big) \Big/ \ \, \Big( 2 \ \, \Big( A0^2 \ \, e^2 - 4 \ \, A0 \ \, e \ \, E0 + 4 \ \, E0^2 - 4 \ \, c(0) \Big) \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( 60 \ \, \Big( A0^2 \ \, e^2 - 4 \ \, A0 \ \, e \ \, E0 + 4 \ \, E0^2 - 4 \ \, c(0) \Big) \Big) \Big/ \\ \frac{c^{(5)} [0]}{(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/ \\ \frac{(A0^2 \ \, e^2 - 4 \ \, A0 \ \, e \ \, E0 + 4 \ \, E0^2 - 4 \ \, c(0) \big)}{3 \ \, \Big( A0^2 \ \, e^2 - 4 \ \, A0 \ \, e \ \, E0 + 4 \ \, E0^2 - 4 \ \, c(0) \Big)} + \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) \Big) \Big/ \Big( 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) \Big) \Big/ \Big( 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) \Big) \Big/ \Big( 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) \Big) \Big/ \Big( 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) \Big) \Big/ \Big( 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) \Big) \Big/ \Big( 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 \$$

$$\begin{vmatrix} 3 \text{ c}'' \text{ [0]} & \left[ -\left( 4 \text{ c}' \text{ [0]}^2 \right) / \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right)^2 - \\ & \frac{2 \text{ c}'' \text{ [0]}}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]}} \right) \right] / \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right)^2 - \\ & 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) + \frac{2 \text{ c}' \text{ [0]} \text{ c}^{(3)} \text{ [0]}}{3 \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right)^2} + \\ & \left( 10 \text{ c}' \text{ [0]} \left( \left( 3 \text{ c}' \text{ [0]} \left( -\left( 4 \text{ c}' \text{ [0]}^2 \right) / \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) \right) / \left( \text{A0}^2 \\ & = 2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) - \\ & \frac{\text{c}^{(3)} \text{ [0]}}{\text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) / \left( 3 \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) \right) / \left( \text{A0}^2 \\ & = 2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) / \left( 3 \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) \right) / \left( 2 \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) \right) / \left( 3 \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) \right) / \left( 2 \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) \right) / \left( 2 \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) \right) / \left( 2 \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) / \left( 2 \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) / \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) / \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) / \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) / \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) / \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c} \text{ [0]} \right) \right) / \left( \text{A0}^2$$

$$(2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) - c^{(3)}[0] / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) - c^{(4)}[0] / (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))) - c^{(4)}[0] / (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))) / (2 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))) / (5 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) - \frac{c^{(5)}[0]}{12 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])}) / (5 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) - \frac{c^{(6)}[0]}{60 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])}) - \frac{c^{(6)}[0]}{4 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])} / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2$$

$$\frac{(2\,c''[0]) \left/ \left( \text{A0}^2\,e^2 - 4\,\text{A0}\,e\,\,\text{E0}\, + 4\,\text{E0}^2 - 4\,\text{c}\,[0] \right) \right) \right) }{ \left( \text{A0}^2\,e^2 - 4\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\text{c}\,[0] \right) - c^{(3)}\,[0] \left/ \left( \text{A0}^2\,e^2 - 4\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) \right/ }{ \left( 3\,\left( \text{A0}^2\,e^2 - 4\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) \right) / \left( 2\,\left( \text{A0}^2\,e^2 - 4\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) \right) / \left( 2\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) \right) / \left( 2\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) ) / \left( 5\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) - \frac{c^{(5)}\,[0]}{60\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) } \right) / \left( 3\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) ) / \left( 3\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) - \frac{c^{(7)}\,[0]}{60\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) } \right) / \left( 3\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( 3\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( 3\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( 3\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( 3\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( 2\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( 2\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( 2\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( 2\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( 2\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( 2\,\left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( \text{A0}^2\,e^2 - 4\,\,\text{A0}\,e\,\,\text{E0}\, + 4\,\,\text{E0}^2 - 4\,\,\text{c}\,[0] \right) \right) / \left( \text{A0}^2\,e^2 - 4\,\,$$

$$\begin{array}{c} 4 \ \text{A0} \ \text{e} \ \text{E0} \ \text{4} \ \text{E0} \ \text{2} \ \text{-} \ \text{c} \ \text{c} \ \text{o} \ \text{)} - \frac{\text{c}^{(3)} \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4} \ \text{A0} \ \text{e} \ \text{E0} \ \text{+} 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ \text{)} \ ) \\ - \frac{\text{c}^{(4)} \ \text{[o]}}{3 \ \text{(A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} \ \text{+} 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ \text{)} \ )}{3 \ \text{(A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} \ \text{+} 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ \text{)} \ )} \ / \ (12 \ \text{(A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} \ \text{+} 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )) \ / \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} \ \text{+} 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )} \ / \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} \ \text{+} 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )} \ / \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} \ \text{+} 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )} \ / \ \\ - \frac{\text{c}^{(3)} \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} \ \text{+} 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )} \ + \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} \ \text{+} 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )} \ / \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} \ \text{+} 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )} \ / \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} + 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )} \ / \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} + 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )} \ / \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} + 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )} \ / \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} + 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )} \ / \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} + 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )} \ / \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} + 4 \ \text{E0}^2 - 4 \ \text{c} \ \text{[o]} \ )} \ / \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{[o]}} \ / \ \\ - \frac{2 \ \text{c}'' \ \text{[o]}}{\text{[o]}} \ /$$

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

$$\left( a \times b^2 - 4 \times c[0] \right) \right) / \left( 3 \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right)^2 \right) + \\ \left( c'[0] \ c^{(4)}[0] \right) / \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) / \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) + \\ \left( 7 \ c''[0] \ \left( \left( c'''[0] \ \left( - \left( 4 \ c'[0]^2 \right) / \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \\ \left( 1 \times c''[0] \ \left( \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right)$$

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

```
4 E0^2 - 4 c[0])) / (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) +
(3 c''[0] ((c''[0] - (4 c'[0]^2) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 E0^2 -
                                (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                   (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) + (2 c'[0] c^{(3)}[0])
                   (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2) + (10 c'[0])
                         (3 c'[0] (-(4 c'[0]^2) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 -
                                                (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                                   (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) - c^{(3)}[0]
                                   (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))
                   \left(3\ \left(\text{A0}^{\,2}\ \text{e}^{\,2}\,-\,4\ \text{A0}\ \text{e}\ \text{E0}\,+\,4\ \text{E0}^{\,2}\,-\,4\ \text{c}\,[\,0\,]\,\right)\right)\,-\,\text{c}^{\,\left(\,4\,\right)}\,[\,0\,]\,\,\Big/
                   (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
  \left(\,2\,\left(\,\text{A0}^{\,2}\,\,\text{e}^{\,2}\,-\,4\,\,\text{A0}\,\,\text{e}\,\,\text{E0}\,+\,4\,\,\text{E0}^{\,2}\,-\,4\,\,\text{c[0]}\,\right)\,\right)\,+\,\left(\,\text{c'[0]}\,\,\text{c}^{\,\left(\,5\right)}\,[\,\text{0]}\,\right)\,\,\middle/
   (10 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2) +
(18 \text{ c}'[0]) ((-(4 \text{ c}'[0]^2)) (A0^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0])^2 -
                                (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) c^{(3)}[0])
                   (6 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 C[0])) + (4 C''[0])
                         (3 c'[0] (-(4 c'[0]^2) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 -
                                                (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                                   (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) - c^{(3)}[0]
                                   (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))
                   (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) + (c'[0] c^{(4)}[0])
                   (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2) + (7 c'[0])
                         \left( \left( \text{c"[0]} \left( -\left( \text{4c'[0]}^{\, 2} \right) \right/ \right. \left( \text{A0}^{\, 2} \, \text{e}^{\, 2} - \text{4A0} \, \text{e} \, \text{E0} + \text{4E0}^{\, 2} - \text{4c[0]} \right)^{\, 2} - \right) \right) = 0
                                                (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                                   \left(\,\text{A0}^{\,2}\,\,\text{e}^{\,2}\,-\,4\,\,\text{A0}\,\,\text{e}\,\,\text{E0}\,+\,4\,\,\text{E0}^{\,2}\,-\,4\,\,\text{c}\,[\,0\,]\,\right)\,+\,\left(\,2\,\,\text{c'}\,[\,0\,]\,\,\text{c}^{\,\left(\,3\,\right)}\,[\,0\,]\,\right)\,\Big/
                                   (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2) + (10 c'[0])
                                         (3 c'[0] (-(4 c'[0]^2) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[
                                                               0])^{2} - (2 c"[0]) / (A0^{2} e^{2} - 4 A0 e E0 + 4 E0^{2} - 4
                                                               c[0])) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) -
                                               c^{(3)}[0] / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                                   (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) -
                               c^{(4)}[0] / (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))))) /
```

$$\left(2\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right) - \sigma^{(5)} \, [\text{O}] \, / \\ \left(12\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right)\right) \, / \\ \left(5\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right)\right) \, / \\ \left(5\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right)\right) \, / \\ \left(60\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right)\right) \, / \\ \left(60\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right)\right) \, / \\ \left(60\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right)\right) \, / \\ \left(60\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right) \, / \\ \left(7\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right) \, / \\ \left(7\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right) \, / \\ \left(7\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right) \, / \\ \left(7\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right) \, / \\ \left(7\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right) \, / \\ \left(7\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right) \, / \\ \left(7\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right) \, / \\ \left(7\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{O} \, \right)\right)\right) \, / \\ \left(7\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{E} \, O \, \right)\right) \, / \\ \left(7\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{E} \, O \, \right)\right) \, / \\ \left(7\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{E} \, O \, \right)\right) \, / \\ \left(8\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text{EO}^2 - 4 \, \text{c} \, \text{E} \, O \, \right)\right)\right) \, / \\ \left(8\left( \text{AO}^2 \, \text{e}^2 - 4 \, \text{AO} \, \text{e} \, \text{EO} + 4 \, \text$$

$$\left( 6 \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \right) \right) + \left( 4 \, \text{c}'' \, \text{O} \right) \left( \left( 3 \, \text{c}' \, \text{O} \right) \right) \right) \\ - \left( \left( 4 \, \text{c}' \, \text{O} \, \text{O}^2 \right) \right/ \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) / \\ - \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) \right) / \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) / \\ - \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) / \left( 3 \, \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) / \\ - \left( 4 \, \text{E0}^2 - 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) + \frac{\text{c}' \, \text{F0} \, \text{O}}{3 \, \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) } + \\ - \left( 7 \, \text{c}' \, \text{O} \, \text{O} \, \left( \left( \frac{1}{2} \, \text{c}'' \, \text{O} \, \text{O}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) \right) / \\ - \left( 2 \, \text{c}'' \, \text{O} \, \text{O} \, \left( \left( \frac{1}{2} \, \text{c}'' \, \text{O}^2 \, \text{O}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) \right) / \\ - \left( 2 \, \text{c}'' \, \text{O} \, \text{O} \, \left( \frac{1}{2} \, \text{c}'' \, \text{O}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) \right) / \\ - \left( 3 \, \text{c}' \, \text{F0} \, \left( -\left( 4 \, \text{c}' \, \text{O} \, \text{O}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) \right) / \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) \right) / \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) / \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) / \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) / \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right) \right) / \left( \text{A0}^2 \, \text{e}^2 - 4 \, \text{A0} \, \text{e} \, \text{E0} + 4 \, \text{E0}^2 - 4 \, \text{c} \, \text{O} \, \text{O} \right)$$

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

$$\begin{array}{c} c^{(7)}[0] \Bigg\rangle \\ & \left(1680 \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) + \\ & \left( 12 \ c'''[0] \right) \left( \left( \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) \right) \right) \right) - \\ & \left( 2 \ c'''[0] \right) \left/ \left( 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) \right) \\ & - \left( 2 \ c'''[0] \right) \left/ \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) \right/ \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right. \\ & \left( 3 \ 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 \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \\ & \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) \right) \right) \right) \right) \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \\ & \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) \right) \right) \right) \right) \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \\ & \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) \right) \right) \right) \right) \right) \right) \\ & \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) \right) \right) \right) \right) \right) \\ & \left( \left( 2 \ \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \right) \\ & \left( \left( 2 \ \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \\ & \left( \left( 2 \ \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \\ & \left( \left( 2 \ \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \\ & \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \\ & \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \\ & \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \\ & \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right) \right) \\ & \left( \left( \left( A0^2 \ e^2 - 4 \ A0 \ e \ E0 + 4 \ E0^2 - 4 \ c[0] \right) \right) \right)$$

$$\left(7 \text{ c}'[0] \left( \left( \text{c}''[0] \left( -\left( 4 \text{ c}'[0]^2 \right) \middle/ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) + \left( 2 \text{ c}'[0] \text{ c}^{(3)}[0] \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right)^2 + \left( 10 \text{ c}'[0] \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right)^2 + \left( 10 \text{ c}'[0] \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) - \text{c}^{(3)}[0] \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) - \text{c}^{(3)}[0] \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A} \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A} \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A} \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A} \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0] \right) \right) \right) \right) \\ \left( \text{A0}^2 \text{ e}^2 - 4 \text{ A0} \text{ e} \text{ E0} + 4 \text{ E0}^2 -$$

$$\left(2\,c'''[0])\,/\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,c^{(3)}[0]\right)\,/ \\ \left(6\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)+\left(4\,c'''[0]\right) \\ \left(\left(3\,c''[0]\right)\left(-\left(4\,c''[0]^2\right)\right/\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)^2-\frac{(2\,c'''[0])}{(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0])}\right)\right)\,/ \\ \left(\left(3\,c''[0]\right)\left(-\left(4\,c''[0]^2\right)\right/\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\right)\,/ \\ \left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(3\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,+\left(c''[0]\,c^{(4)}[0]\right)\,/ \\ \left(3\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)^2\right)+\left(7\,c'[0]\,c^{(3)}[0]\right)\,/ \\ \left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)^2\right)+\left(7\,c'[0]\,c^{(3)}[0]\right)\,/ \\ \left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)^2\right)+\left(\lambda o^2\,e^2-4\,c^{(1)}\right)^2\right)\,/ \\ \left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\,+\left(2\,c''[0]\,c^{(3)}[0]\right)\,/ \\ \left(3\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)^2\right)+\left(10\,c'[0]\,c^{(3)}[0]\right)\,/ \\ \left(3\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\,- \\ c^{(3)}[0]\,/\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(3\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(2\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(2\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(2\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(2\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(5\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(5\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(5\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(5\,\left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\right)\,/ \\ \left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\,/ \\ \left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\,/ \right)\,/ \\ \left(\lambda o^2\,e^2-4\,\lambda o\,e\,EO+4\,EO^2-4\,c[0]\right)\,/ \\ \left(\lambda o^2\,e^2-4\,\lambda o$$

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

$$\frac{\left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}] \right)}{\text{c}^{(6)} \left[ \text{O} \right]} \text{c}^{(6)} \left[ \text{O} \right]}$$

$$\frac{2 \, \text{c}'' \left[ \text{O} \right]}{\text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right)} \text{c}^{(6)} \left[ \text{O} \right]$$

$$\left( \left( \text{c}^{(3)} \left[ \text{O} \right] \left( \left( \text{3} \, \text{c}' \left[ \text{O} \right] - \left( \text{4} \, \text{c}' \left[ \text{O} \right]^2 \right) / \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right)} \right)$$

$$\left( \left( \text{CO}^{(3)} \left[ \text{O} \right] \left( \left( \text{3} \, \text{c}' \left[ \text{O} \right] - \left( \text{4} \, \text{c}' \left[ \text{O} \right]^2 \right) / \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right) \right) \right)$$

$$\left( \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right) \right) \left( \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right) \right) \right)$$

$$\left( \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right) \right) \left( \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right) \right) \right)$$

$$\left( \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right) \right) \right) \left( \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right) \right) \right) \right) \right)$$

$$\left( \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right) \right) \right) \right) \right) \right) \left( \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \left( \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{e} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right) \right) \right) \right) \right) \right) \right) \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right) \right) \right) \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right) \right) \right) \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{AO} \, \text{EO} \, \text{4} \, \text{EO}^2 - \text{4} \, \text{c} \, [\text{O}]} \right) \right) \right) \right) \right) \right) \left( \text{AO}^2 \, \text{e}^2 - \text{4} \, \text{$$

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(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) + (2 c'[0] c^{(3)}[0])
                                       (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2) + (10 c'[0])
                                           (3 c'[0] (-(4 c'[0]^2) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[
                                                            0])<sup>2</sup> - (2 c" [0]) / (A0<sup>2</sup> e<sup>2</sup> - 4 A0 e E0 + 4 E0<sup>2</sup> - 4
                                                            c[0])) / (A0<sup>2</sup> e<sup>2</sup> - 4 A0 e E0 + 4 E0<sup>2</sup> - 4 c[0]) -
                                                c^{(3)}[0] / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                                      \left(3\,\left(\text{A0}^{\,2}\,\,\text{e}^{\,2}\,-\,4\,\,\text{A0}\,\,\text{e}\,\,\text{E0}\,+\,4\,\,\text{E0}^{\,2}\,-\,4\,\,\text{c}\,[\,0\,]\,\right)\right)\,-\,
                                    c^{(4)}[0] / (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))))
                          (2(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) - c^{(5)}[0]
                          (12 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))))
              (5 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) - c^{(6)}[0]
              \left(60\,\left(\text{A0}^{\,2}\,\,\text{e}^{\,2}\,-\,4\,\,\text{A0}\,\,\text{e}\,\,\text{E0}\,+\,4\,\,\text{E0}^{\,2}\,-\,4\,\,\text{c}\,[\,0\,]\,\right)\right)\right)\,\Big/
  (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) + (c'[0] c^{(7)}[0])
  \left(252 \left(A0^{2} e^{2} - 4 A0 e E0 + 4 E0^{2} - 4 c[0]\right)^{2}\right) +
\left(26 \text{ c'}[0] \left(\left(\left(3 \text{ c'}[0]\right] \left(-\left(4 \text{ c'}[0]^2\right)\right)\right) \left(A0^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c}[0]\right)^2 - A0^2 \text{ c'}[0]\right)^2 + A0^2 \text{ c'}[0] \left(\left(\left(3 \text{ c'}[0]\right) \left(-\left(4 \text{ c'}[0]\right)^2\right)\right) \left(A0^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c'}[0]\right)^2 - A0^2 \text{ c'}[0]\right)^2 + A0^2 \text{ c'}[0] \left(\left(\left(3 \text{ c'}[0]\right) \left(-\left(4 \text{ c'}[0]\right)^2\right)\right) \left(A0^2 \text{ e}^2 - 4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c'}[0]\right)^2 - A0^2 \text{ c'}[0]\right)^2 + A0^2 \text{ c'}[0] \left(A0^2 \text{ c'}[0]\right)^2 + A0^2 \text{ c'}[0] \left(A0^2 \text{ c'}[0]\right)^2 - A0^2 \text{ c'}[0]\right)^2 + A0^2 \text{ c'}[0] \left(A0^2 \text{ c'}[0]\right)^2 + A0^2 \text{ c'}[0]\right)^2 + A0^2 \text{ c'}[0]
                                    (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                          (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 C[0]) - C(3)[0]
                          \left(18 \, \left(\text{A0}^{\, 2} \, \text{e}^{\, 2} - 4 \, \, \text{A0} \, \text{e} \, \, \text{E0} + 4 \, \, \text{E0}^{\, 2} - 4 \, \, \text{c} \, [\, 0\, ] \, \right) \right) \, + \, \left(5 \, \, \text{c}^{\, \left(\, 3\, \right)} \, [\, 0\, ] \right)
                   (c''[0] (-(4c'[0]^2) / (A0^2 e^2 - 4A0 e E0 + 4E0^2 - 4c[0])^2 -
                                    (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                          (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) + (2 c'[0] c^{(3)}[0])
                          (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2) + (10 c'[0])
                               (3 c'[0] (-(4 c'[0]^2) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 -
                                                 (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                                      (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) - c^{(3)}[0]
                                      (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))
                          \left(3 \, \left(\text{A0}^{\, 2} \, \text{e}^{\, 2} - 4 \, \, \text{A0} \, \text{e} \, \, \text{E0} + 4 \, \, \text{E0}^{\, 2} - 4 \, \, \text{c} \, [\, 0\, ]\,\right)\right) - c^{\, \left(4\right)} \, [\, 0\, ] \, \left/\, \right.
                          (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
              (12 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) -
           \left(\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)
                       (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])
                  c^{(5)}[0] / (120 (A0<sup>2</sup> e<sup>2</sup> - 4 A0 e E0 + 4 E0<sup>2</sup> - 4 c[0])) +
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$$\left(8\ c''\ [0]\ \left(\left(\left(-\left(4\ c'\ [0]^2\right)\right/\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right)^2- \\ \left(2\ c'''\ [0]\right)\ \left(A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right)\ c^{(3)}\ [0]\right)\right/ \\ \left(6\ (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/\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right)\right)\right/ \\ \left(3\ c'\ [0]\ \left(-\left(4\ c'\ [0]^2\right)\right/\ (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)\right) +\left(c'\ [0]\ c^{(4)}\ [0]\right)\right) \right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) +\left(c'\ [0]\ c^{(4)}\ [0]\right)\right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) +\left(7\ c'\ [0]\ \left(\left(c''\ [0]\ c''\ [0]\right)\right)\right) \left(A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) +\left(2\ c'\ [0]\ c^{(3)}\ [0]\right)\right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) +\left(2\ c'\ [0]\ c^{(3)}\ [0]\right)\right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) +\left(2\ c'\ [0]\ c^{(3)}\ [0]\right)\right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) +\left(2\ c'\ [0]\ c^{(3)}\ [0]\right)\right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \right) \\ \left(5\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \\ \left(5\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) +\left(11\ c'\ [0]\ \left(\left(c''\ [0]\ c^{(3)}\ [0]\right)\right) \\ \left(45\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) +\left(11\ c'\ [0]\ \left(\left(c''\ [0]\ c^{(3)}\ [0]\right)\right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right)\right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \right) \\ \left(3\ (A0^2\ e^2-4\ A0\ e\ E0+4\ E0^2-4\ c\ [0]\right)\right) \right) \\ \left($$

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(3 c'[0] (-(4 c'[0]^2) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[
                        0])<sup>2</sup> - (2 c" [0]) / (A0<sup>2</sup> e<sup>2</sup> - 4 A0 e E0 + 4 E0<sup>2</sup> - 4
                        c[0])) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) -
                c^{(3)}[0] / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
         (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) -
       c^{(4)}[0] / (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))))
 (2(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 C[0])) + (C'[0] C^{(5)}[0])
 \left(10\left(\text{A0}^{\,2}\,\,\text{e}^{\,2}-4\,\,\text{A0}\,\,\text{e}\,\,\text{E0}\,+\,4\,\,\text{E0}^{\,2}-4\,\,\text{c}\,[\,0\,]\,\right)^{\,2}\right) +
(18 \text{ c}'[0]) (((-(4 \text{ c}'[0]^2))/(A0^2 \text{ e}^2 - 4 \text{ A0 e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0])^2 - (A0^2 \text{ e}^2 - 4 \text{ A0 e} \text{ E0} + 4 \text{ E0}^2 - 4 \text{ c}[0])^2 - (A0^2 \text{ e}^2 - 4 \text{ A0})
                (2 c''[0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])
            c^{(3)}[0] / (6 (A0<sup>2</sup> e<sup>2</sup> - 4 A0 e E0 + 4 E0<sup>2</sup> - 4 c[0])) +
        (4 c''[0]) ((3 c'[0]) (-(4 c'[0]^2)) / (A0^2 e^2 -
                        4 \text{ A0 e E0} + 4 \text{ E0}^2 - 4 \text{ c[0]} \right)^2 - (2 \text{ c"[0]}) /
                        (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))
                  (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) -
                c^{(3)}[0]/(A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))
         (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) + (c'[0] c^{(4)}[0])
         \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)^{2}
             (c''[0](-(4c'[0]^2)/(A0^2e^2-4A0eE0+4E0^2-4c[
                        0])<sup>2</sup> - (2 c" [0]) / (A0<sup>2</sup> e<sup>2</sup> - 4 A0 e E0 + 4 E0<sup>2</sup> - 4
                        c[0])) / (A0<sup>2</sup> e<sup>2</sup> - 4 A0 e E0 + 4 E0<sup>2</sup> - 4 c[0]) +
                (2 c'[0] c^{(3)}[0]) / (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 -
                        4 c[0])^{2} + (10 c'[0]) ((3 c'[0]) (-(4 c'[0])^{2}))
                        (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])^2 - (2 c'')
                        0]) / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                        (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]) - c^{(3)}
                        0] / (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))
                  (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) - c^{(4)}[
                   0] / (3 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])))) /
         (2 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) -
        c^{(5)}[0] / (12 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))))
 (5 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0])) - c^{(6)}[0]
 (60 (A0^2 e^2 - 4 A0 e E0 + 4 E0^2 - 4 c[0]))))
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$$\left(3 \left( \text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} + 4 \ \text{E0}^2 - 4 \ \text{c} \ [0] \right) \right) - \text{c}^{\left(7\right)} \left[ 0 \right] \right/ \\ \left(360 \left( \text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} + 4 \ \text{E0}^2 - 4 \ \text{c} \ [0] \right) \right) \right) \right) \right/ \\ \left(7 \left( \text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} + 4 \ \text{E0}^2 - 4 \ \text{c} \ [0] \right) \right) - \text{c}^{\left(8\right)} \left[ 0 \right] \right/ \\ \left(2520 \left( \text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} + 4 \ \text{E0}^2 - 4 \ \text{c} \ [0] \right) \right) - \\ \frac{\text{c}^{\left(9\right)} \left[ 0 \right]}{20160 \left( \text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} + 4 \ \text{E0}^2 - 4 \ \text{c} \ [0] \right)} \right) - \\ \frac{\text{c}^{\left(10\right)} \left[ 0 \right]}{181440 \left( \text{A0}^2 \ \text{e}^2 - 4 \ \text{A0} \ \text{e} \ \text{E0} + 4 \ \text{E0}^2 - 4 \ \text{c} \ [0] \right)} \right) b^{10} + \text{O} \left[ \\ b \right]^{11}$$