



REVERSE TABULAR



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Reverse Tabular

$\sum_{k=1}^n \frac{1}{z_k} = -\frac{a_1}{a_0}$
$\sum_{k=1}^n \frac{1}{z_k^2} = -\frac{2a_2}{a_0} + \frac{a_1^2}{a_0^2}$
$\sum_{k=1}^n \frac{1}{z_k^3} = -\frac{3a_3}{a_0} - \frac{a_1^3}{a_0^3} + \frac{3a_1a_2}{a_0^2}$
$\sum_{k=1}^n \frac{1}{z_k^4} = -\frac{4a_4}{a_0} + \frac{2a_2^2}{a_0^2} + \frac{a_1^4}{a_0^4} + \frac{4a_1a_3}{a_0^2} - \frac{4a_1^2a_2}{a_0^3}$
$\sum_{k=1}^n \frac{1}{z_k^5} = -\frac{5a_5}{a_0} - \frac{a_1^5}{a_0^5} + \frac{5a_1a_4}{a_0^2} + \frac{5a_2a_3}{a_0^2} - \frac{5a_1^2a_3}{a_0^3} - \frac{5a_1a_2^2}{a_0^3} + \frac{5a_1^3a_2}{a_0^4}$
$\sum_{k=1}^n \frac{1}{z_k^6} = -\frac{6a_6}{a_0} + \frac{3a_3^2}{a_0^2} - \frac{2a_2^3}{a_0^3} + \frac{a_1^6}{a_0^6} + \frac{6a_1a_5}{a_0^2} + \frac{6a_2a_4}{a_0^2} - \frac{6a_1^2a_4}{a_0^3} + \frac{6a_1^3a_3}{a_0^4} - \frac{6a_1^4a_2}{a_0^5} + \frac{9a_1^2a_2^2}{a_0^4} - \frac{12a_1a_2a_3}{a_0^3}$
$\sum_{k=1}^n \frac{1}{z_k^7} = -\frac{7a_7}{a_0} - \frac{a_1^7}{a_0^7} + \frac{7a_1a_6}{a_0^2} + \frac{7a_2a_5}{a_0^2} + \frac{7a_3a_4}{a_0^2} - \frac{7a_1^2a_5}{a_0^3} - \frac{7a_1a_3^2}{a_0^3} - \frac{7a_2^2a_3}{a_0^3} + \frac{7a_1^3a_4}{a_0^4} + \frac{7a_1a_2^3}{a_0^4} - \frac{7a_1^4a_3}{a_0^5} + \frac{7a_1^5a_2}{a_0^6} - \frac{14a_1^3a_2^2}{a_0^5} - \frac{14a_1a_2a_4}{a_0^3} + \frac{21a_1^2a_2a_3}{a_0^4}$
$\sum_{k=1}^n \frac{1}{z_k^8} = -\frac{8a_8}{a_0} + \frac{4a_4^2}{a_0^2} + \frac{2a_2^4}{a_0^4} + \frac{a_1^8}{a_0^8} + \frac{8a_1a_7}{a_0^2} + \frac{8a_2a_6}{a_0^2} + \frac{8a_3a_5}{a_0^2} - \frac{8a_1^2a_6}{a_0^3} - \frac{8a_2a_3^2}{a_0^3} - \frac{8a_2^2a_4}{a_0^3} + \frac{8a_1^3a_5}{a_0^4} - \frac{8a_1^4a_4}{a_0^5} + \frac{8a_1^5a_3}{a_0^6} - \frac{8a_1^6a_2}{a_0^7} + \frac{12a_1^2a_3^2}{a_0^4} - \frac{16a_1^2a_2^3}{a_0^5} + \frac{20a_1^4a_2^2}{a_0^6} - \frac{16a_1a_3a_4}{a_0^3} - \frac{16a_1a_2a_5}{a_0^3} + \frac{24a_1^2a_2a_4}{a_0^4} + \frac{24a_1a_2^2a_3}{a_0^4} - \frac{32a_1^3a_2a_3}{a_0^5}$
$\sum_{k=1}^n \frac{1}{z_k^9} = -\frac{9a_9}{a_0} - \frac{3a_3^3}{a_0^3} - \frac{a_1^9}{a_0^9} + \frac{9a_1a_8}{a_0^2} + \frac{9a_2a_7}{a_0^2} + \frac{9a_3a_6}{a_0^2} + \frac{9a_4a_5}{a_0^2} - \frac{9a_1^2a_7}{a_0^3} - \frac{9a_1a_4^2}{a_0^3} - \frac{9a_2^2a_5}{a_0^3} + \frac{9a_1^3a_6}{a_0^4} + \frac{9a_2^3a_3}{a_0^4} - \frac{9a_1^4a_5}{a_0^5} - \frac{9a_1a_2^4}{a_0^5} + \frac{9a_1^5a_4}{a_0^6} - \frac{9a_1^6a_3}{a_0^7} + \frac{9a_1^7a_2}{a_0^8} - \frac{18a_1^3a_2^2}{a_0^5} - \frac{27a_1^5a_2^2}{a_0^7} + \frac{30a_1^3a_2^3}{a_0^6} - \frac{18a_1a_2a_6}{a_0^3} - \frac{18a_1a_3a_5}{a_0^3} - \frac{18a_2a_3a_4}{a_0^3} + \frac{27a_1^2a_3a_4}{a_0^4} + \frac{27a_1^2a_2a_5}{a_0^4} + \frac{27a_1a_2^2a_4}{a_0^4} + \frac{27a_1a_2a_3^2}{a_0^4} - \frac{36a_1^3a_2a_4}{a_0^5} + \frac{45a_1^4a_2a_3}{a_0^6} - \frac{54a_1^2a_2^2a_3}{a_0^5}$
$\sum_{k=1}^n \frac{1}{z_k^{10}} = -\frac{10a_{10}}{a_0} + \frac{5a_5^2}{a_0^2} - \frac{2a_2^5}{a_0^5} + \frac{a_1^{10}}{a_0^{10}} + \frac{10a_1a_9}{a_0^2} + \frac{10a_2a_8}{a_0^2} + \frac{10a_3a_7}{a_0^2} + \frac{10a_4a_6}{a_0^2} - \frac{10a_1^2a_8}{a_0^3} - \frac{10a_2a_4^2}{a_0^3} - \frac{10a_2^2a_6}{a_0^3} - \frac{10a_3^2a_4}{a_0^3} + \frac{10a_1^3a_7}{a_0^4} + \frac{10a_1a_3^3}{a_0^4} + \frac{10a_2^3a_6}{a_0^4} - \frac{10a_1^4a_6}{a_0^5} + \frac{10a_1^5a_5}{a_0^6} - \frac{10a_1^6a_4}{a_0^7} + \frac{10a_1^7a_3}{a_0^8} - \frac{10a_1^8a_2}{a_0^9} + \frac{15a_1^2a_4^2}{a_0^4} + \frac{15a_2^2a_3^2}{a_0^4} + \frac{25a_1^2a_2^4}{a_0^6} + \frac{25a_1^4a_3^2}{a_0^6} + \frac{35a_1^6a_2^2}{a_0^8} - \frac{50a_1^4a_2^3}{a_0^7} - \frac{20a_1a_2a_7}{a_0^3} - \frac{20a_1a_3a_6}{a_0^3} - \frac{20a_1a_4a_5}{a_0^3} - \frac{20a_2a_3a_5}{a_0^3} + \frac{30a_1^2a_3a_5}{a_0^4} + \frac{30a_1^2a_2a_6}{a_0^4} + \frac{30a_1a_2^2a_5}{a_0^4} - \frac{40a_1^3a_2a_5}{a_0^5} - \frac{40a_1^3a_3a_4}{a_0^5} - \frac{40a_1a_3^2a_3}{a_0^5} + \frac{50a_1^4a_2a_4}{a_0^6} - \frac{60a_1^5a_2a_3}{a_0^7} - \frac{60a_1^2a_2^2a_4}{a_0^5} - \frac{60a_1^2a_2a_3^2}{a_0^5} + \frac{100a_1^3a_2^2a_3}{a_0^6} + \frac{60a_1a_2a_3a_4}{a_0^4}$

$$\begin{aligned}
\sum_{k=1}^n \frac{1}{z_k^{11}} &= -\frac{11a_{11}}{a_0} - \frac{a_1^{11}}{a_0^{11}} + \frac{11a_1a_{10}}{a_0^2} + \frac{11a_2a_9}{a_0^2} + \frac{11a_3a_8}{a_0^2} + \frac{11a_4a_7}{a_0^2} + \frac{11a_5a_6}{a_0^2} - \\
&\frac{11a_1^2a_9}{a_0^3} - \frac{11a_1a_2^2}{a_0^3} - \frac{11a_3a_4^2}{a_0^3} - \frac{11a_2^2a_7}{a_0^3} - \frac{11a_3^2a_5}{a_0^3} + \frac{11a_1^3a_8}{a_0^4} + \frac{11a_2a_3^3}{a_0^4} + \frac{11a_2^3a_5}{a_0^4} - \\
&\frac{11a_1^4a_7}{a_0^5} - \frac{11a_2^4a_3}{a_0^5} + \frac{11a_1^5a_6}{a_0^6} + \frac{11a_1a_2^5}{a_0^6} - \frac{11a_1^6a_5}{a_0^7} + \frac{11a_1^7a_4}{a_0^8} - \frac{11a_1^8a_3}{a_0^9} + \frac{11a_1^9a_2}{a_0^{10}} - \\
&\frac{22a_1^2a_3^3}{a_0^5} - \frac{22a_1^3a_4^2}{a_0^5} - \frac{33a_1^5a_3^2}{a_0^7} - \frac{44a_1^7a_2^2}{a_0^9} - \frac{55a_1^3a_2^4}{a_0^7} + \frac{77a_1^5a_2^3}{a_0^8} - \frac{22a_1a_2a_8}{a_0^3} - \frac{22a_1a_3a_7}{a_0^3} - \\
&\frac{22a_1a_4a_6}{a_0^3} - \frac{22a_2a_3a_6}{a_0^3} - \frac{22a_2a_4a_5}{0} + \frac{33a_1^2a_2a_7}{a_0^4} + \frac{33a_1^2a_3a_6}{a_0^4} + \frac{33a_1^2a_4a_5}{a_0^4} + \frac{33a_2^2a_3a_4}{a_0^4} + \\
&\frac{33a_1a_2^2a_6}{a_0^4} + \frac{33a_1a_2^3a_4}{a_0^4} + \frac{33a_1a_2a_4^2}{a_0^4} - \frac{44a_1^3a_2a_6}{a_0^5} - \frac{44a_1^3a_3a_5}{a_0^5} - \frac{44a_1a_2^3a_4}{a_0^5} + \frac{55a_1^4a_2a_5}{a_0^6} + \\
&\frac{55a_1^4a_3a_4}{a_0^6} - \frac{66a_1^5a_2a_4}{a_0^7} + \frac{77a_1^6a_2a_3}{a_0^8} - \frac{66a_1^2a_2^2a_5}{a_0^5} - \frac{66a_1a_2^2a_3^2}{a_0^5} + \frac{110a_1^3a_2^2a_4}{a_0^6} + \\
&\frac{110a_1^3a_2a_3^2}{a_0^6} + \frac{110a_1^2a_2^3a_3}{a_0^6} - \frac{165a_1^4a_2^2a_3}{a_0^7} + \frac{66a_1a_2a_3a_5}{a_0^4} - \frac{132a_1^2a_2a_3a_4}{a_0^5} \\
\hline
\sum_{k=1}^n \frac{1}{z_k^{12}} &= -\frac{12a_{12}}{a_0} + \frac{6a_6^2}{a_0^2} - \frac{4a_4^3}{a_0^3} + \frac{3a_3^4}{a_0^4} + \frac{2a_2^6}{a_0^6} + \frac{a_1^{12}}{a_0^{12}} + \frac{12a_1a_{11}}{a_0^2} + \frac{12a_2a_{10}}{a_0^2} + \\
&\frac{12a_3a_9}{a_0^2} + \frac{12a_4a_8}{a_0^2} + \frac{12a_5a_7}{a_0^2} - \frac{12a_1^2a_{10}}{a_0^3} - \frac{12a_2a_2^5}{a_0^3} - \frac{12a_2^2a_8}{a_0^3} - \frac{12a_3^2a_6}{a_0^3} + \frac{12a_1^3a_9}{a_0^4} + \\
&\frac{12a_2^3a_6}{a_0^4} - \frac{12a_1^4a_8}{a_0^5} - \frac{12a_2^4a_4}{a_0^5} + \frac{12a_1^5a_7}{a_0^6} - \frac{12a_1^6a_6}{a_0^7} + \frac{12a_1^7a_5}{a_0^8} - \frac{12a_1^8a_4}{a_0^9} + \frac{12a_1^9a_3}{a_0^{10}} - \\
&\frac{12a_1^{10}a_2}{a_0^{11}} + \frac{18a_1^2a_5^2}{a_0^4} + \frac{18a_2^2a_4^2}{a_0^4} - \frac{24a_2^3a_3^2}{a_0^6} + \frac{30a_1^4a_4^2}{a_0^6} - \frac{36a_1^2a_2^5}{a_0^7} + \frac{42a_1^6a_3^2}{a_0^8} + \frac{54a_1^8a_2^2}{a_0^{10}} + \\
&\frac{40a_1^3a_3^3}{a_0^6} - \frac{112a_1^6a_2^3}{a_0^9} + \frac{105a_1^4a_2^4}{a_0^8} - \frac{24a_1a_2a_9}{a_0^3} - \frac{24a_1a_3a_8}{a_0^3} - \frac{24a_1a_4a_7}{a_0^3} - \frac{24a_1a_5a_6}{a_0^3} - \\
&\frac{24a_2a_3a_7}{a_0^3} - \frac{24a_2a_4a_6}{a_0^3} - \frac{24a_3a_4a_5}{a_0^3} + \frac{36a_1^2a_2a_8}{a_0^4} + \frac{36a_1^2a_3a_7}{a_0^4} + \frac{36a_1^2a_4a_6}{a_0^4} + \frac{36a_2^2a_3a_5}{a_0^4} + \\
&\frac{36a_1a_2^2a_7}{a_0^4} + \frac{36a_2a_2^3a_4}{a_0^4} + \frac{36a_1a_3^2a_5}{a_0^4} + \frac{36a_1a_3a_4^2}{a_0^4} - \frac{48a_1^3a_2a_7}{a_0^5} - \frac{48a_1^3a_3a_6}{a_0^5} - \frac{48a_1^3a_4a_5}{a_0^5} - \\
&\frac{48a_1a_2^3a_5}{a_0^5} - \frac{48a_1a_2a_3^3}{a_0^5} + \frac{60a_1^4a_2a_6}{a_0^6} + \frac{60a_1^4a_3a_5}{a_0^6} + \frac{60a_1a_2^4a_3}{a_0^6} - \frac{72a_1^5a_2a_5}{a_0^7} - \frac{72a_1^5a_3a_4}{a_0^7} + \\
&\frac{84a_1^6a_2a_4}{a_0^8} - \frac{96a_1^7a_2a_3}{a_0^9} - \frac{72a_1^2a_2^2a_6}{a_0^5} - \frac{72a_1^2a_3^2a_4}{a_0^5} - \frac{72a_1^2a_2a_4^2}{a_0^5} + \frac{120a_1^3a_2^2a_5}{a_0^6} + \\
&\frac{120a_1^2a_2^3a_4}{a_0^6} - \frac{180a_1^4a_2^2a_4}{a_0^7} - \frac{180a_1^4a_2a_3^2}{a_0^7} + \frac{252a_1^5a_2^2a_3}{a_0^8} - \frac{240a_1^3a_2^3a_3}{a_0^7} + \frac{180a_1^2a_2^2a_3^2}{a_0^6} + \\
&\frac{72a_1a_2a_3a_6}{a_0^4} + \frac{72a_1a_2a_4a_5}{a_0^4} - \frac{144a_1^2a_2a_3a_5}{a_0^5} - \frac{144a_1a_2^2a_3a_4}{a_0^5} + \frac{240a_1^3a_2a_3a_4}{a_0^6} \\
\hline
\sum_{k=1}^n \frac{1}{z_k^{13}} &= -\frac{13a_{13}}{a_0} - \frac{a_1^{13}}{a_0^{13}} + \frac{13a_1a_{12}}{a_0^2} + \frac{13a_2a_{11}}{a_0^2} + \frac{13a_3a_{10}}{a_0^2} + \frac{13a_4a_9}{a_0^2} + \frac{13a_5a_8}{a_0^2} + \\
&\frac{13a_6a_7}{a_0^2} - \frac{13a_1^2a_{11}}{a_0^3} - \frac{13a_1a_2^2}{a_0^3} - \frac{13a_3a_5^2}{a_0^3} - \frac{13a_2^2a_9}{a_0^3} - \frac{13a_3^2a_7}{a_0^3} - \frac{13a_4^2a_5}{a_0^3} + \frac{13a_1^3a_{10}}{a_0^4} + \\
&\frac{13a_1a_4^3}{a_0^4} + \frac{13a_2^3a_7}{a_0^4} + \frac{13a_3^3a_4}{a_0^4} - \frac{13a_1^4a_9}{a_0^5} - \frac{13a_1a_3^4}{a_0^5} - \frac{13a_2^4a_5}{a_0^5} + \frac{13a_1^5a_8}{a_0^6} + \frac{13a_2^5a_3}{a_0^6} - \\
&\frac{13a_1^6a_7}{a_0^7} - \frac{13a_1a_2^6}{a_0^7} + \frac{13a_1^7a_6}{a_0^8} - \frac{13a_1^8a_5}{a_0^9} + \frac{13a_1^9a_4}{a_0^{10}} - \frac{13a_1^{10}a_3}{a_0^{11}} + \frac{13a_1^{11}a_2}{a_0^{12}} - \frac{26a_1^3a_5^2}{a_0^5} - \\
&\frac{26a_2^2a_3^3}{a_0^5} - \frac{39a_1^5a_4^2}{a_0^7} - \frac{52a_1^7a_3^2}{a_0^9} - \frac{65a_1^9a_2^2}{a_0^{11}} - \frac{65a_1^4a_3^3}{a_0^7} + \frac{91a_1^3a_2^5}{a_0^8} + \frac{156a_1^7a_2^3}{a_0^{10}} - \frac{182a_1^5a_2^4}{a_0^9} -
\end{aligned}$$

$$\begin{aligned}
& \frac{26a_1a_2a_{10}}{a_0^3} - \frac{26a_1a_3a_9}{a_0^3} - \frac{26a_1a_4a_8}{a_0^3} - \frac{26a_1a_5a_7}{a_0^3} - \frac{26a_2a_3a_8}{a_0^3} - \frac{26a_2a_4a_7}{a_0^3} - \frac{26a_2a_5a_6}{a_0^3} - \\
& \frac{26a_3a_4a_6}{a_0^3} + \frac{39a_1^2a_2a_9}{a_0^4} + \frac{39a_1^2a_3a_8}{a_0^4} + \frac{39a_1^2a_4a_7}{a_0^4} + \frac{39a_1^2a_5a_6}{a_0^4} + \frac{39a_1a_2^2a_8}{a_0^4} + \frac{39a_1a_3^2a_6}{a_0^4} + \\
& \frac{39a_1a_2a_5^2}{a_0^4} + \frac{39a_2^2a_3a_6}{a_0^4} + \frac{39a_2^2a_4a_5}{a_0^4} + \frac{39a_2a_3^2a_5}{a_0^4} + \frac{39a_2a_3a_4^2}{a_0^4} - \frac{52a_1^3a_2a_8}{a_0^5} - \frac{52a_1^3a_3a_7}{a_0^5} - \\
& \frac{52a_1^3a_4a_6}{a_0^5} - \frac{52a_1a_2^3a_6}{a_0^5} - \frac{52a_2^3a_3a_4}{a_0^5} + \frac{65a_1^4a_2a_7}{a_0^6} + \frac{65a_1^4a_3a_6}{a_0^6} + \frac{65a_1^4a_4a_5}{a_0^6} + \frac{65a_1a_2^4a_4}{a_0^6} - \\
& \frac{78a_1^5a_2a_6}{a_0^7} - \frac{78a_1^5a_3a_5}{a_0^7} + \frac{91a_1^6a_2a_5}{a_0^8} + \frac{91a_1^6a_3a_4}{a_0^8} - \frac{104a_1^7a_2a_4}{a_0^9} + \frac{117a_1^8a_2a_3}{a_0^{10}} - \\
& \frac{78a_1^2a_2^2a_7}{a_0^5} - \frac{78a_1^2a_3^2a_5}{a_0^5} - \frac{78a_1^2a_3a_4^2}{a_0^5} - \frac{78a_1a_2^2a_4^2}{a_0^5} + \frac{130a_1^3a_2^2a_6}{a_0^6} + \frac{130a_1^3a_3^2a_4}{a_0^6} + \\
& \frac{130a_1^3a_2a_4^2}{a_0^6} + \frac{130a_1^2a_3^2a_5}{a_0^6} + \frac{130a_1a_2^3a_3^2}{a_0^6} + \frac{130a_1^2a_2a_3^3}{a_0^6} - \frac{195a_1^4a_2^2a_5}{a_0^7} - \frac{195a_1^2a_4^2a_3}{a_0^7} + \\
& \frac{273a_1^5a_2^2a_4}{a_0^8} + \frac{273a_1^5a_2a_3^2}{a_0^8} - \frac{364a_1^6a_2^2a_3}{a_0^9} - \frac{260a_1^3a_2^3a_4}{a_0^7} + \frac{455a_1^4a_2^3a_3}{a_0^8} - \frac{390a_1^3a_2^2a_3^2}{a_0^7} + \\
& \frac{78a_1a_2a_3a_7}{a_0^4} + \frac{78a_1a_2a_4a_6}{a_0^4} + \frac{78a_1a_3a_4a_5}{a_0^4} - \frac{156a_1^2a_2a_3a_6}{a_0^5} - \frac{156a_1^2a_2a_4a_5}{a_0^5} - \\
& \frac{156a_1a_2^2a_3a_5}{a_0^5} - \frac{156a_1a_2a_3^2a_4}{a_0^5} + \frac{260a_1^3a_2a_3a_5}{a_0^6} - \frac{390a_1^4a_2a_3a_4}{a_0^7} + \frac{390a_1^2a_2^2a_3a_4}{a_0^6} \\
& \sum_{k=1}^n \frac{1}{z_k^{14}} = -\frac{14a_{14}}{a_0} + \frac{7a_7^2}{a_0^2} - \frac{2a_7^2}{a_0^7} + \frac{a_1^{14}}{a_0^{14}} + \frac{14a_1a_{13}}{a_0^2} + \frac{14a_2a_{12}}{a_0^2} + \frac{14a_3a_{11}}{a_0^2} + \\
& \frac{14a_4a_{10}}{a_0^2} + \frac{14a_5a_9}{a_0^2} + \frac{14a_6a_8}{a_0^2} - \frac{14a_1^2a_{12}}{a_0^3} - \frac{14a_2a_6^2}{a_0^3} - \frac{14a_4a_5^2}{a_0^3} - \frac{14a_2^2a_{10}}{a_0^3} - \frac{14a_3^2a_8}{a_0^3} - \\
& \frac{14a_4^2a_6}{a_0^3} + \frac{14a_1^3a_{11}}{a_0^4} + \frac{14a_2a_3^3}{a_0^4} + \frac{14a_2^3a_8}{a_0^4} + \frac{14a_3^3a_5}{a_0^4} - \frac{14a_1^4a_{10}}{a_0^5} - \frac{14a_2a_3^4}{a_0^5} - \frac{14a_2^4a_6}{a_0^5} + \\
& \frac{14a_1^5a_9}{a_0^6} + \frac{14a_2^5a_4}{a_0^6} - \frac{14a_1^6a_8}{a_0^7} + \frac{14a_1^7a_7}{a_0^8} - \frac{14a_1^8a_6}{a_0^9} + \frac{14a_1^9a_5}{a_0^{10}} - \frac{14a_1^{10}a_4}{a_0^{11}} + \frac{14a_1^{11}a_3}{a_0^{12}} - \\
& \frac{14a_1^{12}a_2}{a_0^{13}} + \frac{21a_1^2a_6^2}{a_0^4} + \frac{21a_2^2a_5^2}{a_0^4} + \frac{21a_3^2a_4^2}{a_0^4} - \frac{28a_1^2a_4^3}{a_0^5} - \frac{28a_2^3a_4^2}{a_0^5} + \frac{35a_1^4a_5^2}{a_0^6} + \frac{35a_1^2a_3^4}{a_0^6} + \\
& \frac{35a_2^4a_3^2}{a_0^6} + \frac{49a_1^2a_2^6}{a_0^8} + \frac{49a_1^6a_4^2}{a_0^8} + \frac{63a_1^8a_3^2}{a_0^{10}} + \frac{77a_1^{10}a_2^2}{a_0^{12}} + \frac{98a_1^5a_3^3}{a_0^8} - \frac{210a_1^8a_2^3}{a_0^{11}} - \frac{196a_1^4a_2^5}{a_0^9} + \\
& \frac{294a_1^6a_2^4}{a_0^{10}} - \frac{28a_1a_2a_{11}}{a_0^3} - \frac{28a_1a_3a_{10}}{a_0^3} - \frac{28a_1a_4a_9}{a_0^3} - \frac{28a_1a_5a_8}{a_0^3} - \frac{28a_1a_6a_7}{a_0^3} - \frac{28a_2a_3a_9}{a_0^3} - \\
& \frac{28a_2a_4a_8}{a_0^3} - \frac{28a_2a_5a_7}{a_0^3} - \frac{28a_3a_4a_7}{a_0^3} - \frac{28a_3a_5a_6}{a_0^3} + \frac{42a_1^2a_2a_{10}}{a_0^4} + \frac{42a_1^2a_3a_9}{a_0^4} + \frac{42a_1^2a_4a_8}{a_0^4} + \\
& \frac{42a_1^2a_5a_7}{a_0^4} + \frac{42a_1a_3a_5^2}{a_0^4} + \frac{42a_1a_2^2a_9}{a_0^4} + \frac{42a_1a_3^2a_7}{a_0^4} + \frac{42a_1a_4^2a_5}{a_0^4} + \frac{42a_2^2a_3a_7}{a_0^4} + \frac{42a_2^2a_4a_6}{a_0^4} + \\
& \frac{42a_2a_3^2a_6}{a_0^4} - \frac{56a_1^3a_2a_9}{a_0^5} - \frac{56a_1^3a_3a_8}{a_0^5} - \frac{56a_1^3a_4a_7}{a_0^5} - \frac{56a_1^3a_5a_6}{a_0^5} - \frac{56a_{n-1}a_2^3a_7}{a_0^5} - \\
& \frac{56a_1a_3^3a_4}{a_0^5} - \frac{56a_2^3a_3a_5}{a_0^5} + \frac{70a_1^4a_2a_8}{a_0^6} + \frac{70a_1^4a_3a_7}{a_0^6} + \frac{70a_1^4a_4a_6}{a_0^6} + \frac{70a_1a_2^4a_5}{a_0^6} - \frac{84a_1^5a_2a_7}{a_0^7} - \\
& \frac{84a_1^5a_3a_6}{a_0^7} - \frac{84a_1^5a_4a_5}{a_0^7} - \frac{84a_1a_2^5a_3}{a_0^7} + \frac{98a_1^6a_2a_6}{a_0^8} + \frac{98a_1^6a_3a_5}{a_0^8} - \frac{112a_1^7a_2a_5}{a_0^9} - \\
& \frac{112a_1^7a_3a_4}{a_0^9} + \frac{126a_1^8a_2a_4}{a_0^{10}} - \frac{140a_1^9a_2a_3}{a_0^{11}} - \frac{84a_1^2a_2^2a_8}{a_0^5} - \frac{84a_1^2a_3^2a_6}{a_0^5} - \frac{84a_1^2a_2a_5^2}{a_0^5} - \\
& \frac{84a_2^2a_3^2a_4}{a_0^5} + \frac{140a_1^3a_2^2a_7}{a_0^6} + \frac{140a_1^3a_3^2a_5}{a_0^6} + \frac{140a_1^3a_3a_4^2}{a_0^6} + \frac{140a_1^2a_2^3a_6}{a_0^6} + \frac{140a_1a_2^2a_3^3}{a_0^6} -
\end{aligned}$$

$$\begin{aligned}
& \frac{150a_1^2a_2^3a_7}{a_0^6} + \frac{150a_1^2a_3^3a_4}{a_0^6} + \frac{150a_1a_2^3a_4^2}{a_0^6} - \frac{225a_1^4a_2^2a_7}{a_0^7} - \frac{225a_1^4a_3^2a_5}{a_0^7} - \frac{225a_1^4a_3a_4^2}{a_0^7} - \\
& \frac{225a_1^2a_2^4a_5}{a_0^7} - \frac{225a_1a_2^4a_3^2}{a_0^7} + \frac{315a_1^5a_2^2a_6}{a_0^8} + \frac{315a_1^5a_3^2a_4}{a_0^8} + \frac{315a_1^5a_2a_4^2}{a_0^8} + \frac{315a_1^2a_2^5a_3}{a_0^8} - \\
& \frac{420a_1^6a_2^2a_5}{a_0^9} + \frac{540a_1^7a_2^2a_4}{a_0^{10}} + \frac{540a_1^7a_2a_3^2}{a_0^{10}} - \frac{675a_1^8a_2^2a_3}{a_0^{11}} - \frac{300a_1^3a_2^3a_6}{a_0^7} + \frac{525a_1^4a_2^3a_5}{a_0^8} + \\
& \frac{525a_1^4a_2a_3^3}{a_0^8} + \frac{525a_1^3a_2^4a_4}{a_0^8} - \frac{840a_1^5a_2^3a_4}{a_0^9} + \frac{1260a_1^6a_2^3a_3}{a_0^{10}} - \frac{1050a_1^4a_2^4a_3}{a_0^9} - \frac{450a_1^3a_2^2a_4^2}{a_0^7} - \\
& \frac{450a_1^2a_2^2a_3^3}{a_0^7} - \frac{1260a_1^5a_2^2a_3^2}{a_0^9} + \frac{1050a_1^3a_2^3a_3^2}{a_0^8} + \frac{90a_1a_2a_3a_9}{a_0^4} + \frac{90a_1a_2a_4a_8}{a_0^4} + \frac{90a_1a_2a_5a_7}{a_0^4} + \\
& \frac{90a_1a_3a_4a_7}{a_0^4} + \frac{90a_1a_3a_5a_6}{a_0^4} + \frac{90a_2a_3a_4a_6}{a_0^4} - \frac{180a_1^2a_2a_3a_8}{a_0^5} - \frac{180a_1^2a_2a_4a_7}{a_0^5} - \\
& \frac{180a_1^2a_2a_5a_6}{a_0^5} - \frac{180a_1^2a_3a_4a_6}{a_0^5} - \frac{180a_1a_2^2a_3a_7}{a_0^5} - \frac{180a_1a_2^2a_4a_6}{a_0^5} - \frac{180a_1a_2a_3^2a_6}{a_0^4} + \\
& \frac{300a_1^3a_2a_3a_7}{a_0^6} + \frac{360a_1^3a_2a_4a_6}{a_0^6} + \frac{360a_1^3a_3a_4a_5}{a_0^6} + \frac{300a_1a_2^3a_3a_5}{a_0^6} - \frac{450a_1^4a_2a_3a_6}{a_0^7} - \\
& \frac{450a_1^4a_2a_4a_5}{a_0^7} + \frac{630a_1^5a_2a_3a_5}{a_0^8} - \frac{840a_1^6a_2a_3a_4}{a_0^9} + \frac{450a_1^2a_2^2a_3a_6}{a_0^6} + \frac{450a_1^2a_2^2a_4a_5}{a_0^6} + \\
& \frac{450a_1^2a_2a_3^2a_5}{a_0^6} + \frac{450a_1^2a_2a_3a_4^2}{a_0^6} + \frac{450a_1a_2^2a_3^2a_4}{a_0^6} - \frac{900a_1^3a_2^2a_3a_5}{a_0^7} - \frac{900a_1^3a_2a_3^2a_4}{a_0^7} - \\
& \frac{900a_1^2a_2^3a_3a_4}{a_0^7} + \frac{1575a_1^4a_2^2a_3a_4}{a_0^8} - \frac{360a_1a_2a_3a_4a_5}{a_0^5} \\
& \sum_{k=1}^n \frac{1}{z_k^{16}} = -\frac{16a_{16}}{a_0} + \frac{8a_8^2}{a_0^2} + \frac{4a_4^4}{a_0^4} + \frac{2a_2^8}{a_0^8} + \frac{a_1^{16}}{a_0^{16}} + \frac{16a_1a_{15}}{a_0^2} + \frac{16a_2a_{14}}{a_0^2} + \frac{16a_3a_{13}}{a_0^2} + \\
& \frac{16a_4a_{12}}{a_0^2} + \frac{16a_5a_{11}}{a_0^2} + \frac{16a_6a_{10}}{a_0^2} + \frac{16a_7a_9}{a_0^2} - \frac{16a_1^2a_{14}}{a_0^3} - \frac{16a_4a_6^2}{a_0^3} - \frac{16a_2^2a_{12}}{a_0^3} - \frac{16a_3^2a_{10}}{a_0^3} - \\
& \frac{16a_4^2a_8}{a_0^3} - \frac{16a_5^2a_6}{a_0^3} - \frac{16a_2a_7^2}{a_0^3} + \frac{16a_1^3a_{13}}{a_0^4} + \frac{16a_1a_5^3}{a_0^4} + \frac{16a_2^3a_{10}}{a_0^4} + \frac{16a_3^3a_7}{a_0^4} - \frac{16a_1^4a_{12}}{a_0^5} - \\
& \frac{16a_2^4a_8}{a_0^5} - \frac{16a_3^4a_4}{a_0^5} + \frac{16a_1^5a_{11}}{a_0^6} + \frac{16a_1a_3^5}{a_0^6} + \frac{16a_2^5a_6}{a_0^6} - \frac{16a_1^6a_{10}}{a_0^7} - \frac{16a_2^6a_4}{a_0^7} + \frac{16a_1^7a_9}{a_0^8} - \\
& \frac{16a_1^8a_8}{a_0^9} + \frac{16a_1^9a_7}{a_0^{10}} - \frac{16a_1^{10}a_6}{a_0^{11}} + \frac{16a_1^{11}a_5}{a_0^{12}} - \frac{16a_1^{12}a_4}{a_0^{13}} + \frac{16a_1^{13}a_3}{a_0^{14}} - \frac{16a_1^{14}a_2}{a_0^{15}} + \frac{24a_1^2a_7^2}{a_0^4} + \\
& \frac{24a_2^2a_6^2}{a_0^4} + \frac{24a_3^2a_5^2}{a_0^4} - \frac{32a_2^2a_4^3}{a_0^5} - \frac{32a_3^2a_5^3}{a_0^5} + \frac{40a_1^4a_6^2}{a_0^6} + \frac{40a_2^2a_3^4}{a_0^6} + \frac{40a_2^4a_4^2}{a_0^6} - \frac{48a_2^5a_3^2}{a_0^7} + \\
& \frac{56a_1^6a_5^2}{a_0^8} - \frac{64a_1^2a_7^2}{a_0^9} + \frac{72a_1^8a_4^2}{a_0^{10}} + \frac{88a_1^{10}a_3^2}{a_0^{12}} + \frac{104a_1^{12}a_2^2}{a_0^{14}} - \frac{80a_1^4a_4^3}{a_0^7} + \frac{192a_1^7a_3^3}{a_0^{10}} - \frac{352a_1^{10}a_2^3}{a_0^{13}} + \\
& \frac{140a_1^4a_3^4}{a_0^8} + \frac{336a_1^4a_2^6}{a_0^{10}} + \frac{660a_1^8a_2^4}{a_0^{12}} - \frac{672a_1^6a_2^5}{a_0^{11}} - \frac{32a_1a_2a_{13}}{a_0^3} - \frac{32a_1a_3a_{12}}{a_0^3} - \frac{32a_1a_4a_{11}}{a_0^3} - \\
& \frac{32a_1a_5a_{10}}{a_0^3} - \frac{32a_1a_6a_9}{a_0^3} - \frac{32a_1a_7a_8}{a_0^3} - \frac{32a_2a_3a_{11}}{a_0^3} - \frac{32a_2a_4a_{10}}{a_0^3} - \frac{32a_2a_5a_9}{a_0^3} - \\
& \frac{32a_2a_6a_8}{a_0^3} - \frac{32a_3a_4a_9}{a_0^3} - \frac{32a_3a_5a_8}{a_0^3} - \frac{32a_3a_6a_7}{a_0^3} - \frac{32a_4a_5a_7}{a_0^3} + \frac{48a_1^2a_2a_{12}}{a_0^4} + \\
& \frac{48a_1^2a_3a_{11}}{a_0^4} + \frac{48a_1^2a_4a_{10}}{a_0^4} + \frac{48a_1^2a_5a_9}{a_0^4} + \frac{48a_1^2a_6a_8}{a_0^4} + \frac{48a_1a_3a_6^2}{a_0^4} + \frac{48a_1a_2^2a_{11}}{a_0^4} + \\
& \frac{48a_1a_3^2a_9}{a_0^4} + \frac{48a_1a_4^2a_7}{a_0^4} + \frac{48a_2^2a_3a_9}{a_0^4} + \frac{48a_2^2a_4a_8}{a_0^4} + \frac{48a_2^2a_5a_7}{a_0^4} + \frac{48a_2a_3^2a_8}{a_0^4} + \frac{48a_3^2a_4a_6}{a_0^4} + \\
& \frac{48a_2a_4^2a_6}{a_0^4} + \frac{48a_3a_4^2a_5}{a_0^4} + \frac{48a_2a_4a_5^2}{a_0^4} - \frac{64a_1^3a_2a_{11}}{a_0^5} - \frac{64a_1^3a_3a_{10}}{a_0^5} - \frac{64a_1^3a_4a_9}{a_0^5} - \\
& \frac{64a_1^3a_5a_8}{a_0^5} - \frac{64a_1^3a_6a_7}{a_0^5} - \frac{64a_1^3a_7a_8}{a_0^5} - \frac{64a_2^3a_3a_{11}}{a_0^5} - \frac{64a_2^3a_4a_{10}}{a_0^5} - \frac{64a_2^3a_5a_9}{a_0^5} - \\
& \frac{64a_2^3a_6a_8}{a_0^5} - \frac{64a_3^3a_4a_9}{a_0^5} - \frac{64a_3^3a_5a_8}{a_0^5} - \frac{64a_3^3a_6a_7}{a_0^5} - \frac{64a_4^3a_5a_7}{a_0^5} - \frac{64a_4^3a_6a_8}{a_0^5} - \frac{64a_5^3a_6a_7}{a_0^5} - \frac{64a_6^3a_7a_8}{a_0^5} - \\
& \frac{64a_7^3a_8a_9}{a_0^5} - \frac{64a_8^3a_9a_{10}}{a_0^5} - \frac{64a_9^3a_{10}a_{11}}{a_0^5} - \frac{64a_{10}^3a_{11}a_{12}}{a_0^5} - \frac{64a_{11}^3a_{12}a_{13}}{a_0^5} - \frac{64a_{12}^3a_{13}a_{14}}{a_0^5} - \frac{64a_{13}^3a_{14}a_{15}}{a_0^5} - \frac{64a_{14}^3a_{15}a_{16}}{a_0^5} - \\
& \frac{64a_{15}^3a_{16}a_{17}}{a_0^5} - \frac{64a_{16}^3a_{17}a_{18}}{a_0^5} - \frac{64a_{17}^3a_{18}a_{19}}{a_0^5} - \frac{64a_{18}^3a_{19}a_{20}}{a_0^5} - \frac{64a_{19}^3a_{20}a_{21}}{a_0^5} - \frac{64a_{20}^3a_{21}a_{22}}{a_0^5} - \frac{64a_{21}^3a_{22}a_{23}}{a_0^5} - \frac{64a_{22}^3a_{23}a_{24}}{a_0^5} - \frac{64a_{23}^3a_{24}a_{25}}{a_0^5} - \frac{64a_{24}^3a_{25}a_{26}}{a_0^5} - \frac{64a_{25}^3a_{26}a_{27}}{a_0^5} - \frac{64a_{26}^3a_{27}a_{28}}{a_0^5} - \frac{64a_{27}^3a_{28}a_{29}}{a_0^5} - \frac{64a_{28}^3a_{29}a_{30}}{a_0^5} - \frac{64a_{29}^3a_{30}a_{31}}{a_0^5} - \frac{64a_{30}^3a_{31}a_{32}}{a_0^5} - \frac{64a_{31}^3a_{32}a_{33}}{a_0^5} - \frac{64a_{32}^3a_{33}a_{34}}{a_0^5} - \frac{64a_{33}^3a_{34}a_{35}}{a_0^5} - \frac{64a_{34}^3a_{35}a_{36}}{a_0^5} - \frac{64a_{35}^3a_{36}a_{37}}{a_0^5} - \frac{64a_{36}^3a_{37}a_{38}}{a_0^5} - \frac{64a_{37}^3a_{38}a_{39}}{a_0^5} - \frac{64a_{38}^3a_{39}a_{40}}{a_0^5} - \frac{64a_{39}^3a_{40}a_{41}}{a_0^5} - \frac{64a_{40}^3a_{41}a_{42}}{a_0^5} - \frac{64a_{41}^3a_{42}a_{43}}{a_0^5} - \frac{64a_{42}^3a_{43}a_{44}}{a_0^5} - \frac{64a_{43}^3a_{44}a_{45}}{a_0^5} - \frac{64a_{44}^3a_{45}a_{46}}{a_0^5} - \frac{64a_{45}^3a_{46}a_{47}}{a_0^5} - \frac{64a_{46}^3a_{47}a_{48}}{a_0^5} - \frac{64a_{47}^3a_{48}a_{49}}{a_0^5} - \frac{64a_{48}^3a_{49}a_{50}}{a_0^5} - \frac{64a_{49}^3a_{50}a_{51}}{a_0^5} - \frac{64a_{50}^3a_{51}a_{52}}{a_0^5} - \frac{64a_{51}^3a_{52}a_{53}}{a_0^5} - \frac{64a_{52}^3a_{53}a_{54}}{a_0^5} - \frac{64a_{53}^3a_{54}a_{55}}{a_0^5} - \frac{64a_{54}^3a_{55}a_{56}}{a_0^5} - \frac{64a_{55}^3a_{56}a_{57}}{a_0^5} - \frac{64a_{56}^3a_{57}a_{58}}{a_0^5} - \frac{64a_{57}^3a_{58}a_{59}}{a_0^5} - \frac{64a_{58}^3a_{59}a_{60}}{a_0^5} - \frac{64a_{59}^3a_{60}a_{61}}{a_0^5} - \frac{64a_{60}^3a_{61}a_{62}}{a_0^5} - \frac{64a_{61}^3a_{62}a_{63}}{a_0^5} - \frac{64a_{62}^3a_{63}a_{64}}{a_0^5} - \frac{64a_{63}^3a_{64}a_{65}}{a_0^5} - \frac{64a_{64}^3a_{65}a_{66}}{a_0^5} - \frac{64a_{65}^3a_{66}a_{67}}{a_0^5} - \frac{64a_{66}^3a_{67}a_{68}}{a_0^5} - \frac{64a_{67}^3a_{68}a_{69}}{a_0^5} - \frac{64a_{68}^3a_{69}a_{70}}{a_0^5} - \frac{64a_{69}^3a_{70}a_{71}}{a_0^5} - \frac{64a_{70}^3a_{71}a_{72}}{a_0^5} - \frac{64a_{71}^3a_{72}a_{73}}{a_0^5} - \frac{64a_{72}^3a_{73}a_{74}}{a_0^5} - \frac{64a_{73}^3a_{74}a_{75}}{a_0^5} - \frac{64a_{74}^3a_{75}a_{76}}{a_0^5} - \frac{64a_{75}^3a_{76}a_{77}}{a_0^5} - \frac{64a_{76}^3a_{77}a_{78}}{a_0^5} - \frac{64a_{77}^3a_{78}a_{79}}{a_0^5} - \frac{64a_{78}^3a_{79}a_{80}}{a_0^5} - \frac{64a_{79}^3a_{80}a_{81}}{a_0^5} - \frac{64a_{80}^3a_{81}a_{82}}{a_0^5} - \frac{64a_{81}^3a_{82}a_{83}}{a_0^5} - \frac{64a_{82}^3a_{83}a_{84}}{a_0^5} - \frac{64a_{83}^3a_{84}a_{85}}{a_0^5} - \frac{64a_{84}^3a_{85}a_{86}}{a_0^5} - \frac{64a_{85}^3a_{86}a_{87}}{a_0^5} - \frac{64a_{86}^3a_{87}a_{88}}{a_0^5} - \frac{64a_{87}^3a_{88}a_{89}}{a_0^5} - \frac{64a_{88}^3a_{89}a_{90}}{a_0^5} - \frac{64a_{89}^3a_{90}a_{91}}{a_0^5} - \frac{64a_{90}^3a_{91}a_{92}}{a_0^5} - \frac{64a_{91}^3a_{92}a_{93}}{a_0^5} - \frac{64a_{92}^3a_{93}a_{94}}{a_0^5} - \frac{64a_{93}^3a_{94}a_{95}}{a_0^5} - \frac{64a_{94}^3a_{95}a_{96}}{a_0^5} - \frac{64a_{95}^3a_{96}a_{97}}{a_0^5} - \frac{64a_{96}^3a_{97}a_{98}}{a_0^5} - \frac{64a_{97}^3a_{98}a_{99}}{a_0^5} - \frac{64a_{98}^3a_{99}a_{100}}{a_0^5} - \frac{64a_{99}^3a_{100}a_{101}}{a_0^5} - \frac{64a_{100}^3a_{101}a_{102}}{a_0^5} - \frac{64a_{101}^3a_{102}a_{103}}{a_0^5} - \frac{64a_{102}^3a_{103}a_{104}}{a_0^5} - \frac{64a_{103}^3a_{104}a_{105}}{a_0^5} - \frac{64a_{104}^3a_{105}a_{106}}{a_0^5} - \frac{64a_{105}^3a_{106}a_{107}}{a_0^5} - \frac{64a_{106}^3a_{107}a_{108}}{a_0^5} - \frac{64a_{107}^3a_{108}a_{109}}{a_0^5} - \frac{64a_{108}^3a_{109}a_{110}}{a_0^5} - \frac{64a_{109}^3a_{110}a_{111}}{a_0^5} - \frac{64a_{110}^3a_{111}a_{112}}{a_0^5} - \frac{64a_{111}^3a_{112}a_{113}}{a_0^5} - \frac{64a_{112}^3a_{113}a_{114}}{a_0^5} - \frac{64a_{113}^3a_{114}a_{115}}{a_0^5} - \frac{64a_{114}^3a_{115}a_{116}}{a_0^5} - \frac{64a_{115}^3a_{116}a_{117}}{a_0^5} - \frac{64a_{116}^3a_{117}a_{118}}{a_0^5} - \frac{64a_{117}^3a_{118}a_{119}}{a_0^5} - \frac{64a_{118}^3a_{119}a_{120}}{a_0^5} - \frac{64a_{119}^3a_{120}a_{121}}{a_0^5} - \frac{64a_{120}^3a_{121}a_{122}}{a_0^5} - \frac{64a_{121}^3a_{122}a_{123}}{a_0^5} - \frac{64a_{122}^3a_{123}a_{124}}{a_0^5} - \frac{64a_{123}^3a_{124}a_{125}}{a_0^5} - \frac{64a_{124}^3a_{125}a_{126}}{a_0^5} - \frac{64a_{125}^3a_{126}a_{127}}{a_0^5} - \frac{64a_{126}^3a_{127}a_{128}}{a_0^5} - \frac{64a_{127}^3a_{128}a_{129}}{a_0^5} - \frac{64a_{128}^3a_{129}a_{130}}{a_0^5} - \frac{64a_{129}^3a_{130}a_{131}}{a_0^5} - \frac{64a_{130}^3a_{131}a_{132}}{a_0^5} - \frac{64a_{131}^3a_{132}a_{133}}{a_0^5} - \frac{64a_{132}^3a_{133}a_{134}}{a_0^5} - \frac{64a_{133}^3a_{134}a_{135}}{a_0^5} - \frac{64a_{134}^3a_{135}a_{136}}{a_0^5} - \frac{64a_{135}^3a_{136}a_{137}}{a_0^5} - \frac{64a_{136}^3a_{137}a_{138}}{a_0^5} - \frac{64a_{137}^3a_{138}a_{139}}{a_0^5} - \frac{64a_{138}^3a_{139}a_{140}}{a_0^5} - \frac{64a_{139}^3a_{140}a_{141}}{a_0^5} - \frac{64a_{140}^3a_{141}a_{142}}{a_0^5} - \frac{64a_{141}^3a_{142}a_{143}}{a_0^5} - \frac{64a_{142}^3a_{143}a_{144}}{a_0^5} - \frac{64a_{143}^3a_{144}a_{145}}{a_0^5} - \frac{64a_{144}^3a_{145}a_{146}}{a_0^5} - \frac{64a_{145}^3a_{146}a_{147}}{a_0^5} - \frac{64a_{146}^3a_{147}a_{148}}{a_0^5} - \frac{64a_{147}^3a_{148}a_{149}}{a_0^5} - \frac{64a_{148}^3a_{149}a_{150}}{a_0^5} - \frac{64a_{149}^3a_{150}a_{151}}{a_0^5} - \frac{64a_{150}^3a_{151}a_{152}}{a_0^5} - \frac{64a_{151}^3a_{152}a_{153}}{a_0^5} - \frac{64a_{152}^3a_{153}a_{154}}{a_0^5} - \frac{64a_{153}^3a_{154}a_{155}}{a_0^5} - \frac{64a_{154}^3a_{155}a_{156}}{a_0^5} - \frac{64a_{155}^3a_{156}a_{157}}{a_0^5} - \frac{64a_{156}^3a_{157}a_{158}}{a_0^5} - \frac{64a_{157}^3a_{158}a_{159}}{a_0^5} - \frac{64a_{158}^3a_{159}a_{160}}{a_0^5} - \frac{64a_{159}^3a_{160}a_{161}}{a_0^5} - \frac{64a_{160}^3a_{161}a_{162}}{a_0^5} - \frac{64a_{161}^3a_{162}a_{163}}{a_0^5} - \frac{64a_{162}^3a_{163}a_{164}}{a_0^5} - \frac{64a_{163}^3a_{164}a_{165}}{a_0^5} - \frac{64a_{164}^3a_{165}a_{166}}{a_0^5} - \frac{64a_{165}^3a_{166}a_{167}}{a_0^5} - \frac{64a_{166}^3a_{167}a_{168}}{a_0^5} - \frac{64a_{167}^3a_{168}a_{169}}{a_0^5} - \frac{64a_{168}^3a_{169}a_{170}}{a_0^5} - \frac{64a_{169}^3a_{170}a_{171}}{a_0^5} - \frac{64a_{170}^3a_{171}a_{172}}{a_0^5} - \frac{64a_{171}^3a_{172}a_{173}}{a_0^5} - \frac{64a_{172}^3a_{173}a_{174}}{a_0^5} - \frac{64a_{173}^3a_{174}a_{175}}{a_0^5} - \frac{64a_{174}^3a_{175}a_{176}}{a_0^5} - \frac{64a_{175}^3a_{176}a_{177}}{a_0^5} - \frac{64a_{176}^3a_{177}a_{178}}{a_0^5} - \frac{64a_{177}^3a_{178}a_{179}}{a_0^5} - \frac{64a_{178}^3a_{179}a_{180}}{a_0^5} - \frac{64a_{179}^3a_{180}a_{181}}{a_0^5} - \frac{64a_{180}^3a_{181}a_{182}}{a_0^5} - \frac{64a_{181}^3a_{182}a_{183}}{a_0^5} - \frac{64a_{182}^3a_{183}a_{184}}{a_0^5} - \frac{64a_{183}^3a_{184}a_{185}}{a_0^5} - \frac{64a_{184}^3a_{185}a_{186}}{a_0^5} - \frac{64a_{185}^3a_{186}a_{187}}{a_0^5} - \frac{64a_{186}^3a_{187}a_{188}}{a_0^5} - \frac{64a_{187}^3a_{188}a_{189}}{a_0^5} - \frac{64a_{188}^3a_{189}a_{190}}{a_0^5} - \frac{64a_{189}^3a_{190}a_{191}}{a_0^5} - \frac{64a_{190}^3a_{191}a_{192}}{a_0^5} - \frac{64a_{191}^3a_{192}a_{193}}{a_0^5} - \frac{64a_{192}^3a_{193}a_{194}}{a_0^5} - \frac{64a_{193}^3a_{194}a_{195}}{a_0^5} - \frac{64a_{194}^3a_{195}a_{196}}{a_0^5} - \frac{64a_{195}^3a_{196}a_{197}}{a_0^5} - \frac{64a_{196}^3a_{197}a_{198}}{a_0^5} - \frac{64a_{197}^3a_{198}a_{199}}{a_0^5} - \frac{64a_{198}^3a_{199}a_{200}}{a_0^5} - \frac{64a_{199}^3a_{200}a_{201}}{a_0^5} - \frac{64a_{200}^3a_{201}a_{202}}{a_0^5} - \frac{64a_{201}^3a_{202}a_{203}}{a_0^5} - \frac{64a_{202}^3a_{203}a_{204}}{a_0^5} - \frac{64a_{203}^3a_{204}a_{205}}{a_0^5} - \frac{64a_{204}^3a_{205}a_{206}}{a_0^5} - \frac{64a_{205}^3a_{206}a_{207}}{a_0^5} - \frac{64a_{206}^3a_{207}a_{208}}{a_0^5} - \frac{64a_{207}^3a_{208}a_{209}}{a_0^5} - \frac{64a_{208}^3a_{209}a_{210}}{a_0^5} - \frac{64a_{209}^3a_{210}a_{211}}{a_0^5} - \frac{64a_{210}^3a_{211}a_{212}}{a_0^5} - \frac{64a_{211}^3a_{212}a_{213}}{a_0^5} - \frac{64a_{212}^3a_{213}a_{214}}{a_0^5} - \frac{64a_{213}^3a_{214}a_{215}}{a_0^5} - \frac{64a_{214}^3a_{215}a_{216}}{a_0^5} - \frac{64a_{215}^3a_{216}a_{217}}{a_0^5} - \frac{64a_{216}^3a_{217}a_{218}}{a_0^5} - \frac{64a_{217}^3a_{218}a_{219}}{a_0^5} - \frac{64a_{218}^3a_{219}a_{220}}{a_0^5} - \frac{64a_{219}^3a_{220}a_{221}}{a_0^5} - \frac{64a_{220}^3a_{221}a_{222}}{a_0^5} - \frac{64a_{221}^3a_{222}a_{223}}{a_0^5} - \frac{64a_{222}^3a_{223}a_{224}}{a_0^5} - \frac{64a_{223}^3a_{224}a_{225}}{a_0^5} - \frac{64a_{224}^3a_{225}a_{226}}{a_0^5} - \frac{64a_{225}^3a_{226}a_{227}}{a_0^5} - \frac{64a_{226}^3a_{227}a_{228}}{a_0^5} - \frac{64a_{227}^3a_{228}a_{229}}{a_0^5} - \frac{64a_{228}^3a_{229}a_{230}}{a_0^5} - \frac{64a_{229}^3a_{230}a_{231}}{a_0^5} - \frac{64a_{230}^3a_{231}a_{232}}{a_0^5} - \frac{64a_{231}^3a_{232}a_{233}}{a_0^5} - \frac{64a_{232}^3a_{233}a_{234}}{a_0^5} - \frac{64a_{233}^3a_{234}a_{235}}{a_0^5} - \frac{64a_{234}^3a_{235}a_{236}}{a_0^5} - \frac{64a_{235}^3a_{236}a_{237}}{a_0^5} - \frac{64a_{236}^3a_{237}a_{238}}{a_0^5} - \frac{64a_{237}^3a_{238}a_{239}}{a_0^5} - \frac{64a_{238}^3a_{239}a_{240}}{a_0^5} - \frac{64a_{239}^3a_{240}a_{241}}{a_0^5} - \frac{64a_{240}^3a_{241}a_{242}}{a_0^5} - \frac{64a_{241}^3a_{242}a_{243}}{a_0^5} - \frac{64a_{242}^3a_{243}a_{244}}{a_0^5} - \frac{64a_{243}^3a_{244}a_{245}}{a_0^5} - \frac{64a_{244}^3a_{245}a_{246}}{a_0^5} - \frac{64a_{245}^3a_{246}a_{247}}{a_0^5} - \frac{64a_{246}^3a_{247}a_{248}}{a_0^5} - \frac{64a_{247}^3a_{248}a_{249}}{a_0^5} - \frac{64a_{248}^3a_{249}a_{250}}{a_0^5} - \frac{64a_{249}^3a_{250}a_{251}}{a_0^5} - \frac{64a_{250}^3a_{251}a_{252}}{a_0^5} - \frac{64a_{251}^3a_{252}a_{253}}{a_0^5} - \frac{64a_{252}^3a_{253}a_{254}}{a_0^5} - \frac{64a_{253}^3a_{254}a_{255}}{a_0^5} - \frac{64a_{254}^3a_{255}a_{256}}{a_0^5} - \frac{64a_{255}^3a_{256}a_{257}}{a_0^5} - \frac{64a_{256}^3a_{257}a_{258}}{a_0^5} - \frac{64a_{257}^3a_{258}a_{259}}{a_0^5} - \frac{64a_{258}^3a_{259}a_{260}}{a_0^5} - \frac{64a_{259}^3a_{260}a_{261}}{a_0^5} - \frac{64a_{260}^3a_{261}a_{262}}{a_0^5} - \frac{64a_{261}^3a_{2$$

$$\begin{aligned}
& \frac{64a_1^3a_5a_8}{a_0^5} - \frac{64a_1^3a_6a_7}{a_0^5} - \frac{64a_1a_3a_4^3}{a_0^5} - \frac{64a_1a_2^3a_9}{a_0^5} - \frac{64a_1a_3^3a_6}{a_0^5} - \frac{64a_2^3a_3a_7}{a_0^5} - \frac{64a_2^3a_4a_6}{a_0^5} - \\
& \frac{64a_2a_3^3a_5}{a_0^5} + \frac{80a_1^4a_2a_{10}}{a_0^6} + \frac{80a_1^4a_3a_9}{a_0^6} + \frac{80a_1^4a_4a_8}{a_0^6} + \frac{80a_1^4a_5a_7}{a_0^6} + \frac{80a_1a_2^4a_7}{a_0^6} + \frac{80a_2^4a_3a_5}{a_0^6} - \\
& \frac{96a_1^5a_2a_9}{a_0^7} - \frac{96a_1^5a_3a_8}{a_0^7} - \frac{96a_1^5a_4a_7}{a_0^7} - \frac{96a_1^5a_5a_6}{a_0^7} - \frac{96a_1a_2^5a_5}{a_0^7} + \frac{112a_1^6a_2a_8}{a_0^8} + \\
& \frac{112a_1^6a_3a_7}{a_0^8} + \frac{112a_1^6a_4a_6}{a_0^8} + \frac{112a_1a_2^6a_3}{a_0^8} - \frac{128a_1^7a_2a_7}{a_0^9} - \frac{128a_1^7a_3a_6}{a_0^9} - \frac{128a_1^7a_4a_5}{a_0^9} + \\
& \frac{144a_1^8a_2a_6}{a_0^{10}} + \frac{144a_1^8a_3a_5}{a_0^{10}} - \frac{160a_1^9a_2a_5}{a_0^{11}} - \frac{160a_1^9a_3a_4}{a_0^{11}} + \frac{176a_1^{10}a_2a_4}{a_0^{12}} - \frac{192a_1^{11}a_2a_3}{a_0^{13}} - \\
& \frac{96a_1^2a_2^2a_{10}}{a_0^5} - \frac{96a_1^2a_3^2a_8}{a_0^5} - \frac{96a_1^2a_4^2a_6}{a_0^5} - \frac{96a_1^2a_2a_6^2}{a_0^5} - \frac{96a_1^2a_4a_5^2}{a_0^5} - \frac{96a_2^2a_3^2a_6}{a_0^5} - \frac{96a_2a_2^3a_4^2}{a_0^5} + \\
& \frac{160a_1^3a_2^2a_9}{a_0^6} + \frac{160a_1^3a_3^2a_7}{a_0^6} + \frac{160a_1^3a_4^2a_5}{a_0^6} + \frac{160a_1^3a_3a_2^2}{a_0^6} + \frac{160a_1^2a_2a_4^3}{a_0^6} + \frac{160a_1^2a_2^3a_8}{a_0^6} + \\
& \frac{160a_1^2a_3^3a_5}{a_0^6} + \frac{160a_2^2a_3^2a_4}{a_0^6} - \frac{240a_1^4a_2^2a_8}{a_0^7} - \frac{240a_1^4a_3^2a_6}{a_0^7} - \frac{240a_1^4a_2a_5^2}{a_0^7} - \frac{240a_1^2a_2a_4^3}{a_0^7} - \\
& \frac{240a_1^2a_2^4a_6}{a_0^7} + \frac{336a_1^5a_2^2a_7}{a_0^8} + \frac{336a_1^5a_3^2a_5}{a_0^8} + \frac{336a_1^5a_3a_2^2}{a_0^8} + \frac{336a_1^2a_2^5a_4}{a_0^8} - \frac{448a_1^5a_2^2a_6}{a_0^9} - \\
& \frac{448a_1^6a_3^2a_4}{a_0^9} - \frac{448a_1^6a_2a_4^2}{a_0^9} + \frac{576a_1^7a_2^2a_5}{a_0^{10}} - \frac{720a_1^8a_2^2a_4}{a_0^{11}} - \frac{720a_1^8a_2a_3^2}{a_0^{11}} + \frac{880a_1^9a_2^2a_3}{a_0^{12}} - \\
& \frac{320a_1^3a_2^3a_7}{a_0^7} - \frac{320a_1^3a_3^3a_4}{a_0^7} - \frac{320a_1a_2^3a_3^3}{a_0^7} + \frac{560a_1^4a_2^3a_6}{a_0^8} + \frac{560a_1^3a_2^4a_5}{a_0^8} - \frac{896a_1^5a_2^3a_5}{a_0^9} - \\
& \frac{896a_1^5a_2a_3^3}{a_0^9} - \frac{896a_1^3a_2^5a_3}{a_0^9} + \frac{1344a_1^6a_2^3a_4}{a_0^{10}} - \frac{1920a_1^7a_2^3a_3}{a_0^{11}} - \frac{1120a_1^4a_2^4a_4}{a_0^9} + \frac{2016a_1^5a_2^4a_3}{a_0^{10}} + \\
& \frac{240a_1^2a_2^2a_5^2}{a_0^6} + \frac{240a_1^2a_3^2a_4^2}{a_0^6} - \frac{480a_1^2a_2^3a_4^2}{a_0^7} + \frac{840a_1^2a_4^2a_3^2}{a_0^8} + \frac{840a_1^4a_2^2a_4^2}{a_0^8} + \frac{2016a_1^6a_2^2a_3^2}{a_0^{10}} + \\
& \frac{1120a_1^3a_2^2a_3^3}{a_0^8} - \frac{2240a_1^4a_2^3a_3^2}{a_0^9} + \frac{96a_1a_2a_3a_{10}}{a_0^4} + \frac{96a_1a_2a_4a_9}{a_0^4} + \frac{96a_1a_2a_5a_8}{a_0^4} + \\
& \frac{96a_1a_2a_6a_7}{a_0^4} + \frac{96a_1a_3a_4a_8}{a_0^4} + \frac{96a_1a_3a_5a_7}{a_0^4} + \frac{96a_1a_4a_5a_6}{a_0^4} + \frac{96a_2a_3a_4a_7}{a_0^4} + \frac{96a_2a_3a_5a_6}{a_0^4} - \\
& \frac{192a_1^2a_2a_3a_9}{a_0^5} - \frac{192a_1^2a_2a_4a_8}{a_0^5} - \frac{192a_1^2a_2a_5a_7}{a_0^5} - \frac{192a_1^2a_3a_4a_7}{a_0^5} - \frac{192a_1^2a_3a_5a_6}{a_0^5} - \\
& \frac{192a_1a_2^2a_3a_8}{a_0^5} - \frac{192a_1a_2^2a_4a_7}{a_0^5} - \frac{192a_1a_2^2a_5a_6}{a_0^5} - \frac{192a_1a_2a_3^2a_7}{a_0^5} - \frac{192a_1a_2^3a_4a_5}{a_0^5} - \\
& \frac{192a_1a_2a_4^2a_5}{a_0^5} - \frac{192a_1a_2a_3a_5^2}{a_0^5} - \frac{192a_2^2a_3a_4a_5}{a_0^5} + \frac{320a_1^3a_2a_3a_8}{a_0^6} + \frac{320a_1^3a_2a_4a_7}{a_0^6} + \\
& \frac{320a_1^3a_2a_5a_6}{a_0^6} + \frac{320a_1^3a_3a_4a_6}{a_0^6} + \frac{320a_1a_2^3a_3a_6}{a_0^6} + \frac{320a_1a_2^3a_4a_5}{a_0^6} + \frac{320a_1a_2a_3^3a_4}{a_0^6} - \\
& \frac{480a_1^4a_2a_3a_7}{a_0^7} - \frac{480a_1^4a_2a_4a_6}{a_0^7} - \frac{480a_1^4a_3a_4a_5}{a_0^7} - \frac{480a_1a_2^4a_3a_4}{a_0^7} + \frac{672a_1^5a_2a_3a_6}{a_0^8} + \\
& \frac{672a_1^5a_2a_4a_5}{a_0^8} - \frac{896a_1^6a_2a_3a_5}{a_0^9} + \frac{1152a_1^7a_2a_3a_4}{a_0^{10}} + \frac{480a_1^2a_2^2a_3a_7}{a_0^6} + \frac{480a_1^2a_2^2a_4a_6}{a_0^6} + \\
& \frac{480a_1^2a_2a_3^2a_6}{a_0^6} + \frac{480a_1a_2^2a_3^2a_5}{a_0^6} + \frac{480a_1a_2^2a_3a_4^2}{a_0^6} - \frac{960a_1^3a_2^2a_3a_6}{a_0^7} - \frac{960a_1^3a_2^2a_4a_5}{a_0^7} - \\
& \frac{960a_1^3a_2a_3^2a_5}{a_0^7} - \frac{960a_1^3a_2a_3a_4^2}{a_0^7} - \frac{960a_2^2a_3^2a_3a_5}{a_0^7} + \frac{1680a_1^4a_2^2a_3a_5}{a_0^8} + \frac{1680a_1^4a_2a_3^2a_4}{a_0^8} - \\
& \frac{2688a_1^5a_2^2a_3a_4}{a_0^9} + \frac{2240a_1^3a_2^3a_3a_4}{a_0^8} - \frac{1440a_1^2a_2^2a_3^2a_4}{a_0^7} - \frac{384a_1a_2a_3a_4a_6}{a_0^5} + \frac{960a_1^2a_2a_3a_4a_5}{a_0^6}
\end{aligned}$$

$$\begin{aligned}
\sum_{k=1}^n \frac{1}{z_k^{17}} = & -\frac{17a_{17}}{a_0} - \frac{a_1^{17}}{a_0^{17}} + \frac{17a_1a_{16}}{a_0^2} + \frac{17a_2a_{15}}{a_0^2} + \frac{17a_3a_{14}}{a_0^2} + \frac{17a_4a_{13}}{a_0^2} + \frac{17a_5a_{12}}{a_0^2} + \\
& \frac{17a_6a_{11}}{a_0^2} + \frac{17a_7a_{10}}{a_0^2} + \frac{17a_8a_9}{a_0^2} - \frac{17a_1^2a_{15}}{a_0^3} - \frac{17a_1a_8^2}{a_0^3} - \frac{17a_5a_6^2}{a_0^3} - \frac{17a_2^2a_{13}}{a_0^3} - \frac{17a_3^2a_{11}}{a_0^3} - \\
& \frac{17a_4^2a_9}{a_0^3} - \frac{17a_5^2a_7}{a_0^3} - \frac{17a_3a_7^2}{a_0^3} + \frac{17a_1^3a_{14}}{a_0^4} + \frac{17a_2^3a_{11}}{a_0^4} + \frac{17a_3^3a_8}{a_0^4} + \frac{17a_4^3a_5}{a_0^4} + \frac{17a_2a_5^3}{a_0^4} - \\
& \frac{17a_1^4a_{13}}{a_0^5} - \frac{17a_1a_4^4}{a_0^5} - \frac{17a_2^4a_9}{a_0^5} - \frac{17a_3^4a_5}{a_0^5} + \frac{17a_1^5a_{12}}{a_0^6} + \frac{17a_2^5a_3}{a_0^6} + \frac{17a_2^5a_7}{a_0^6} - \frac{17a_1^6a_{11}}{a_0^6} - \\
& \frac{17a_2^6a_5}{a_0^7} + \frac{17a_7^7a_{10}}{a_0^8} + \frac{17a_2^7a_3}{a_0^8} - \frac{17a_1^8a_9}{a_0^9} - \frac{17a_1a_2^8}{a_0^9} + \frac{17a_1^9a_8}{a_0^{10}} - \frac{17a_1^{10}a_7}{a_0^{11}} + \frac{17a_1^{11}a_6}{a_0^{12}} - \\
& \frac{17a_1^{12}a_5}{a_0^{13}} + \frac{17a_1^{13}a_4}{a_0^{14}} - \frac{17a_1^{14}a_3}{a_0^{15}} + \frac{17a_1^{15}a_2}{a_0^{16}} - \frac{34a_1^3a_7^2}{a_0^5} - \frac{34a_3^3a_4^2}{a_0^5} - \frac{34a_1^2a_5^3}{a_0^5} - \frac{51a_1^5a_6^2}{a_0^7} - \\
& \frac{51a_1^2a_3^5}{a_0^7} - \frac{68a_1^7a_5^2}{a_0^9} - \frac{85a_1^9a_4^2}{a_0^{11}} - \frac{102a_1^{11}a_3^2}{a_0^{13}} - \frac{119a_1^{13}a_2^2}{a_0^{15}} - \frac{85a_2^4a_3^3}{a_0^7} + \frac{119a_1^5a_4^3}{a_0^8} + \frac{204a_1^3a_2^7}{a_0^{10}} - \\
& \frac{255a_1^8a_3^3}{a_0^{11}} + \frac{442a_1^{11}a_2^2}{a_0^{14}} - \frac{238a_1^5a_4^3}{a_0^9} - \frac{935a_1^9a_2^4}{a_0^{13}} - \frac{714a_1^5a_6^2}{a_0^{11}} + \frac{1122a_1^7a_2^5}{a_0^{12}} - \frac{34a_1a_2a_{14}}{a_0^3} - \\
& \frac{34a_1a_3a_{13}}{a_0^3} - \frac{34a_1a_4a_{12}}{a_0^3} - \frac{34a_1a_5a_{11}}{a_0^3} - \frac{34a_1a_6a_{10}}{a_0^3} - \frac{34a_1a_7a_9}{a_0^3} - \frac{34a_2a_3a_{12}}{a_0^3} - \\
& \frac{34a_2a_4a_{11}}{a_0^3} - \frac{34a_2a_5a_{10}}{a_0^3} - \frac{34a_2a_6a_9}{a_0^3} - \frac{34a_2a_7a_8}{a_0^3} - \frac{34a_3a_4a_{10}}{a_0^3} - \frac{34a_3a_5a_9}{a_0^3} - \\
& \frac{34a_3a_6a_8}{a_0^3} - \frac{34a_4a_5a_8}{a_0^3} - \frac{34a_4a_6a_7}{a_0^3} + \frac{51a_1^2a_2a_{13}}{a_0^4} + \frac{51a_1^2a_3a_{12}}{a_0^4} + \frac{51a_1^2a_4a_{11}}{a_0^4} + \\
& \frac{51a_1^2a_5a_{10}}{a_0^4} + \frac{51a_1^2a_6a_9}{a_0^4} + \frac{51a_1^2a_7a_8}{a_0^4} + \frac{51a_1a_4a_6^2}{a_0^4} + \frac{51a_1a_2^2a_{12}}{a_0^4} + \frac{51a_1a_3^2a_{10}}{a_0^4} + \\
& \frac{51a_1a_4^2a_8}{a_0^4} + \frac{51a_1a_5^2a_6}{a_0^4} + \frac{51a_1a_2a_7^2}{a_0^4} + \frac{51a_2^2a_3a_{10}}{a_0^4} + \frac{51a_2^2a_4a_9}{a_0^4} + \frac{51a_2^2a_5a_8}{a_0^4} + \frac{51a_2^2a_6a_7}{a_0^4} + \\
& \frac{51a_2a_3^2a_9}{a_0^4} + \frac{51a_3^2a_4a_7}{a_0^4} + \frac{51a_3^2a_5a_6}{a_0^4} + \frac{51a_2a_4^2a_7}{a_0^4} + \frac{51a_3a_4^2a_6}{a_0^4} + \frac{51a_3a_4a_5^2}{a_0^4} - \frac{68a_1^3a_2a_{12}}{a_0^5} - \\
& \frac{68a_1^3a_3a_{11}}{a_0^5} - \frac{68a_1^3a_4a_{10}}{a_0^5} - \frac{68a_1^3a_5a_9}{a_0^5} - \frac{68a_1^3a_6a_8}{a_0^5} - \frac{68a_1a_2^3a_{10}}{a_0^5} - \frac{68a_1a_3^3a_7}{a_0^5} - \\
& \frac{68a_1a_2a_4^3}{a_0^5} - \frac{68a_2^3a_3a_8}{a_0^5} - \frac{68a_2^3a_4a_7}{a_0^5} - \frac{68a_2^3a_5a_6}{a_0^5} - \frac{68a_2a_3^3a_6}{a_0^5} - \frac{68a_2a_3a_4^3}{a_0^5} + \frac{85a_1^4a_2a_{11}}{a_0^6} + \\
& \frac{85a_1^4a_3a_{10}}{a_0^6} + \frac{85a_1^4a_4a_9}{a_0^6} + \frac{85a_1^4a_5a_8}{a_0^6} + \frac{85a_1^4a_6a_7}{a_0^6} + \frac{85a_1a_2^4a_8}{a_0^6} + \frac{85a_1a_3^4a_4}{a_0^6} + \frac{85a_2^4a_3a_6}{a_0^6} + \\
& \frac{85a_2^4a_4a_5}{a_0^6} - \frac{102a_1^5a_2a_{10}}{a_0^7} - \frac{102a_1^5a_3a_9}{a_0^7} - \frac{102a_1^5a_4a_8}{a_0^7} - \frac{102a_1^5a_5a_7}{a_0^7} - \frac{102a_1a_2^5a_6}{a_0^7} - \\
& \frac{102a_2^5a_3a_4}{a_0^7} + \frac{119a_1^6a_2a_9}{a_0^8} + \frac{119a_1^6a_3a_8}{a_0^8} + \frac{119a_1^6a_4a_7}{a_0^8} + \frac{119a_1^6a_5a_6}{a_0^8} + \frac{119a_1a_2^6a_4}{a_0^8} - \\
& \frac{136a_1^7a_2a_8}{a_0^9} - \frac{136a_1^7a_3a_7}{a_0^9} - \frac{136a_1^7a_4a_6}{a_0^9} + \frac{153a_1^8a_2a_7}{a_0^{10}} + \frac{153a_1^8a_3a_6}{a_0^{10}} + \frac{153a_1^8a_4a_5}{a_0^{10}} - \\
& \frac{170a_1^9a_2a_6}{a_0^{11}} - \frac{170a_1^9a_3a_5}{a_0^{11}} + \frac{187a_1^{10}a_2a_5}{a_0^{12}} + \frac{187a_1^{10}a_3a_4}{a_0^{12}} - \frac{204a_1^{11}a_2a_4}{a_0^{13}} + \frac{221a_1^{12}a_2a_3}{a_0^{14}} - \\
& \frac{102a_1^2a_3a_6^2}{a_0^5} - \frac{102a_1^2a_2^2a_{11}}{a_0^5} - \frac{102a_1^2a_3^2a_9}{a_0^5} - \frac{102a_1^2a_4^2a_7}{a_0^5} - \frac{102a_1a_2^2a_6^2}{a_0^5} - \frac{102a_1a_3^2a_5^2}{a_0^5} - \\
& \frac{102a_2^2a_3^2a_7}{a_0^5} - \frac{102a_2^2a_4^2a_5}{a_0^5} - \frac{102a_2^2a_3a_5^2}{a_0^5} + \frac{170a_1^3a_2^2a_{10}}{a_0^6} + \frac{170a_1^3a_3^2a_8}{a_0^6} + \frac{170a_1^3a_4^2a_6}{a_0^6} + \\
& \frac{170a_1^3a_4a_5^2}{a_0^6} + \frac{170a_1^3a_2a_6^2}{a_0^6} + \frac{170a_1a_2^2a_4^3}{a_0^6} + \frac{170a_1a_1^2a_5^2}{a_0^6} + \frac{170a_1^2a_3a_4^3}{a_0^6} + \frac{170a_1^2a_2^3a_9}{a_0^6} +
\end{aligned}$$

$$\begin{aligned}
& \frac{170a_1^2a_3^3a_6}{a_0^6} + \frac{170a_2^3a_3^2a_5}{a_0^6} + \frac{170a_2^3a_3a_4^2}{a_0^6} + \frac{170a_2^2a_3^3a_4}{a_0^6} - \frac{255a_1^4a_2^2a_9}{a_0^7} - \frac{255a_1^4a_3^2a_7}{a_0^7} - \\
& \frac{255a_1^4a_4^2a_5}{a_0^7} - \frac{255a_1^4a_3a_5^2}{a_0^7} - \frac{255a_1^2a_2^4a_7}{a_0^7} - \frac{255a_1a_2^2a_3^4}{a_0^7} - \frac{255a_1a_2^4a_4^2}{a_0^7} + \frac{357a_1^5a_2^2a_8}{a_0^8} + \\
& \frac{357a_1^5a_3^2a_6}{a_0^8} + \frac{357a_1^5a_2a_5^2}{a_0^8} + \frac{357a_1^2a_2^5a_5}{a_0^8} + \frac{357a_1a_2^5a_3^2}{a_0^8} - \frac{476a_1^6a_2^2a_7}{a_0^9} - \frac{476a_1^6a_3^2a_5}{a_0^9} - \\
& \frac{476a_1^6a_3a_4^2}{a_0^9} - \frac{476a_1^2a_2^6a_3}{a_0^9} + \frac{612a_1^7a_2^2a_6}{a_0^{10}} + \frac{612a_1^7a_3^2a_4}{a_0^{10}} + \frac{612a_1^7a_2a_4^2}{a_0^{10}} - \frac{765a_1^8a_2^2a_5}{a_0^{11}} + \\
& \frac{935a_1^9a_2^2a_4}{a_0^{12}} + \frac{935a_1^9a_2a_3^2}{a_0^{12}} - \frac{1122a_1^{10}a_2^2a_3}{a_0^{13}} - \frac{340a_1^3a_2a_4^3}{a_0^7} - \frac{340a_1^3a_2^3a_8}{a_0^7} - \frac{340a_1^3a_3^3a_5}{a_0^7} + \\
& \frac{595a_1^4a_2^3a_7}{a_0^8} + \frac{595a_1^4a_3^3a_4}{a_0^8} + \frac{595a_1^3a_2a_4^3}{a_0^8} + \frac{595a_1^3a_2^4a_6}{a_0^8} - \frac{952a_1^5a_2^3a_6}{a_0^9} - \frac{952a_1^5a_2^5a_4}{a_0^9} + \\
& \frac{1428a_1^6a_2^3a_5}{a_0^{10}} + \frac{1428a_1^6a_2a_3^3}{a_0^{10}} - \frac{2040a_1^7a_2^3a_4}{a_0^{11}} + \frac{2805a_1^8a_2^3a_3}{a_0^{12}} - \frac{1190a_1^4a_2^4a_5}{a_0^9} + \\
& \frac{2142a_1^5a_2^4a_4}{a_0^{10}} + \frac{2142a_1^4a_2^5a_3}{a_0^{10}} - \frac{3570a_1^6a_2^4a_3}{a_0^{11}} - \frac{510a_1^3a_2^2a_5^2}{a_0^7} - \frac{510a_1^3a_2^3a_4^2}{a_0^7} + \frac{1190a_1^3a_2^3a_4^2}{a_0^8} + \\
& \frac{1190a_1^3a_2^3a_3^3}{a_0^8} - \frac{2380a_1^3a_2^4a_3^2}{a_0^9} - \frac{1428a_1^5a_2^2a_4^2}{a_0^9} - \frac{3060a_1^7a_2^2a_3^2}{a_0^{11}} - \frac{2380a_1^4a_2^2a_3^3}{a_0^9} + \\
& \frac{4284a_1^5a_2^3a_3^2}{a_0^{10}} + \frac{102a_1a_2a_3a_{11}}{a_0^4} + \frac{102a_1a_2a_4a_{10}}{a_0^4} + \frac{102a_1a_2a_5a_9}{a_0^4} + \frac{102a_1a_2a_6a_8}{a_0^4} + \\
& \frac{102a_1a_3a_4a_9}{a_0^4} + \frac{102a_1a_3a_5a_8}{a_0^4} + \frac{102a_1a_3a_6a_7}{a_0^4} + \frac{102a_1a_4a_5a_7}{a_0^4} + \frac{102a_2a_3a_4a_8}{a_0^4} + \\
& \frac{102a_2a_3a_5a_7}{a_0^4} + \frac{102a_2a_4a_5a_6}{a_0^4} - \frac{204a_1^2a_2a_3a_{10}}{a_0^5} - \frac{204a_1^2a_2a_4a_9}{a_0^5} - \frac{204a_1^2a_2a_5a_8}{a_0^5} - \\
& \frac{204a_1^2a_2a_6a_7}{a_0^5} - \frac{204a_1^2a_3a_4a_8}{a_0^5} - \frac{204a_1^2a_3a_5a_7}{a_0^5} - \frac{204a_1^2a_4a_5a_6}{a_0^5} - \frac{204a_1a_2^2a_3a_9}{a_0^5} - \\
& \frac{204a_1a_2^2a_4a_8}{a_0^5} - \frac{204a_1a_2^2a_5a_7}{a_0^5} - \frac{204a_1a_2a_3^2a_8}{a_0^5} - \frac{204a_1a_3^2a_4a_6}{a_0^5} - \frac{204a_1a_2a_4^2a_6}{a_0^5} - \\
& \frac{204a_1a_3a_4^2a_5}{a_0^5} - \frac{204a_1a_2a_4a_5^2}{a_0^5} - \frac{204a_2^2a_3a_4a_6}{a_0^5} - \frac{204a_2a_3^2a_4a_5}{a_0^5} + \frac{340a_1^3a_2a_3a_9}{a_0^6} + \\
& \frac{340a_1^3a_2a_4a_8}{a_0^6} + \frac{340a_1^3a_2a_5a_7}{a_0^6} + \frac{340a_1^3a_3a_4a_7}{a_0^6} + \frac{340a_1^3a_3a_5a_6}{a_0^6} + \frac{340a_1a_2^3a_3a_7}{a_0^6} + \\
& \frac{340a_1a_2^3a_4a_6}{a_0^6} + \frac{340a_1a_2a_3^3a_5}{a_0^6} - \frac{510a_1^4a_2a_3a_8}{a_0^7} - \frac{510a_1^4a_2a_4a_7}{a_0^7} - \frac{510a_1^4a_2a_5a_6}{a_0^7} - \\
& \frac{510a_1^4a_3a_4a_6}{a_0^7} - \frac{510a_1a_2^4a_3a_5}{a_0^7} + \frac{714a_1^5a_2a_3a_7}{a_0^8} + \frac{714a_1^5a_2a_4a_6}{a_0^8} + \frac{714a_1^5a_3a_4a_5}{a_0^8} - \\
& \frac{952a_1^6a_2a_3a_6}{a_0^9} - \frac{952a_1^6a_2a_4a_5}{a_0^9} + \frac{1224a_1^7a_2a_3a_5}{a_0^{10}} - \frac{1530a_1^8a_2a_3a_4}{a_0^{11}} + \frac{510a_1^2a_2^2a_3a_8}{a_0^6} + \\
& \frac{510a_1^2a_2^2a_4a_7}{a_0^6} + \frac{510a_1^2a_2^2a_5a_6}{a_0^6} + \frac{510a_1^2a_2a_3^2a_7}{a_0^6} + \frac{510a_1^2a_3^2a_4a_5}{a_0^6} + \frac{510a_1^2a_2a_4^2a_5}{a_0^6} + \\
& \frac{510a_1^2a_2a_3a_5^2}{a_0^6} + \frac{510a_1a_2^2a_3^2a_6}{a_0^6} + \frac{510a_1a_2a_3^2a_4^2}{a_0^6} - \frac{1020a_1^3a_2^2a_3a_7}{a_0^7} - \frac{1020a_1^3a_2^2a_4a_6}{a_0^7} - \\
& \frac{1020a_1^3a_2a_3^2a_6}{a_0^7} - \frac{1020a_1^2a_2^3a_3a_6}{a_0^7} - \frac{1020a_1^2a_2^3a_4a_5}{a_0^7} - \frac{1020a_1^2a_2a_3^3a_4}{a_0^7} - \frac{1020a_1a_2^3a_3^2a_4}{a_0^7} + \\
& \frac{1785a_1^4a_2^2a_3a_6}{a_0^8} + \frac{1785a_1^4a_2^2a_4a_5}{a_0^8} + \frac{1785a_1^4a_2a_3^2a_5}{a_0^8} + \frac{1785a_1^4a_2a_3a_4^2}{a_0^8} + \frac{1785a_1^2a_4^2a_3a_4}{a_0^8} - \\
& \frac{2856a_1^5a_2^2a_3a_5}{a_0^9} - \frac{2856a_1^5a_2a_3^2a_4}{a_0^9} + \frac{4284a_1^6a_2^2a_3a_4}{a_0^{10}} + \frac{2380a_1^3a_2^3a_3a_5}{a_0^8} - \frac{4760a_1^4a_2^2a_3a_4}{a_0^9} -
\end{aligned}$$

$$\begin{aligned}
& \frac{1530a_1^2a_2^2a_3^2a_5}{a_0^7} - \frac{1530a_1^2a_2^2a_3a_4^2}{a_0^7} + \frac{3570a_1^3a_2^2a_3^2a_4}{a_0^8} - \frac{408a_1a_2a_3a_4a_7}{a_0^5} - \frac{408a_1a_2a_3a_5a_6}{a_0^5} + \\
& \frac{1020a_1^2a_2a_3a_4a_6}{a_0^6} + \frac{1020a_1a_2^2a_3a_4a_5}{a_0^6} - \frac{2040a_1^3a_2a_3a_4a_5}{a_0^7} \\
& \sum_{k=1}^n \frac{1}{z_k^{18}} = -\frac{18a_{18}}{a_0} + \frac{9a_9^2}{a_0^2} - \frac{6a_6^3}{a_0^3} + \frac{3a_3^6}{a_0^6} - \frac{2a_2^9}{a_0^9} + \frac{a_1^{18}}{a_0^{18}} + \frac{18a_1a_{17}}{a_0^2} + \frac{18a_2a_{16}}{a_0^2} + \\
& \frac{18a_3a_{15}}{a_0^2} + \frac{18a_4a_{14}}{a_0^2} + \frac{18a_5a_{13}}{a_0^2} + \frac{18a_6a_{12}}{a_0^2} + \frac{18a_7a_{11}}{a_0^2} + \frac{18a_8a_{10}}{a_0^2} - \frac{18a_1^2a_{16}}{a_0^3} - \frac{18a_2a_8^2}{a_0^3} - \\
& \frac{18a_2^2a_{14}}{a_0^3} - \frac{18a_3^2a_{12}}{a_0^3} - \frac{18a_4^2a_{10}}{a_0^3} - \frac{18a_5^2a_8}{a_0^3} - \frac{18a_4a_7^2}{a_0^3} + \frac{18a_1^3a_{15}}{a_0^4} + \frac{18a_2^3a_{12}}{a_0^4} + \frac{18a_3^3a_9}{a_0^4} + \\
& \frac{18a_4^3a_6}{a_0^4} + \frac{18a_3a_5^3}{a_0^4} - \frac{18a_1^4a_{14}}{a_0^5} - \frac{18a_2a_4^4}{a_0^5} - \frac{18a_4^2a_{10}}{a_0^5} - \frac{18a_3^4a_6}{a_0^5} + \frac{18a_1^5a_{13}}{a_0^6} + \frac{18a_2^5a_8}{a_0^6} - \\
& \frac{18a_1^6a_{12}}{a_0^7} - \frac{18a_2^6a_6}{a_0^7} + \frac{18a_1^7a_{11}}{a_0^8} + \frac{18a_2^7a_4}{a_0^8} - \frac{18a_1^8a_{10}}{a_0^9} + \frac{18a_1^9a_9}{a_0^{10}} - \frac{18a_1^{10}a_8}{a_0^{11}} + \frac{18a_1^{11}a_7}{a_0^{12}} - \\
& \frac{18a_1^{12}a_6}{a_0^{13}} + \frac{18a_1^{13}a_5}{a_0^{14}} - \frac{18a_1^{14}a_4}{a_0^{15}} + \frac{18a_1^{15}a_3}{a_0^{16}} - \frac{18a_1^{16}a_2}{a_0^{17}} + \frac{27a_1^2a_8^2}{a_0^4} + \frac{27a_2^2a_7^2}{a_0^4} + \frac{27a_3^2a_6^2}{a_0^4} + \\
& \frac{27a_4^2a_5^2}{a_0^4} - \frac{36a_2^3a_6^2}{a_0^5} - \frac{36a_3^2a_4^3}{a_0^5} + \frac{45a_1^4a_7^2}{a_0^6} + \frac{45a_1^2a_4^4}{a_0^6} + \frac{45a_2^4a_5^2}{a_0^6} - \frac{54a_2^5a_4^2}{a_0^7} + \frac{63a_1^6a_6^2}{a_0^8} + \\
& \frac{63a_2^6a_3^2}{a_0^8} + \frac{81a_1^8a_5^2}{a_0^{10}} + \frac{81a_1^2a_8^2}{a_0^{10}} + \frac{99a_1^{10}a_4^2}{a_n^{12}} + \frac{117a_1^{12}a_3^2}{a_0^{14}} + \frac{135a_1^{14}a_2^2}{a_0^{16}} + \frac{60a_1^3a_5^3}{a_0^6} + \frac{60a_2^3a_4^3}{a_0^6} - \\
& \frac{90a_2^3a_4^3}{a_0^7} + \frac{126a_1^3a_3^5}{a_0^8} - \frac{168a_1^6a_4^3}{a_0^9} + \frac{330a_1^9a_3^3}{a_0^{12}} - \frac{546a_1^{12}a_2^3}{a_0^{15}} + \frac{378a_1^6a_3^4}{a_0^{10}} - \frac{540a_1^4a_7^2}{a_0^{11}} + \\
& \frac{1287a_1^{10}a_2^4}{a_0^{14}} - \frac{1782a_1^8a_2^5}{a_0^{13}} + \frac{1386a_1^6a_2^6}{a_0^{12}} - \frac{36a_1a_2a_{15}}{a_0^3} - \frac{36a_1a_3a_{14}}{a_0^3} - \frac{36a_1a_4a_{13}}{a_0^3} - \\
& \frac{36a_1a_5a_{12}}{a_0^3} - \frac{36a_1a_6a_{11}}{a_0^3} - \frac{36a_1a_7a_{10}}{a_0^3} - \frac{36a_1a_8a_9}{a_0^3} - \frac{36a_2a_3a_{13}}{a_0^3} - \frac{36a_2a_4a_{12}}{a_0^3} - \\
& \frac{36a_2a_5a_{11}}{a_0^3} - \frac{36a_2a_6a_{10}}{a_0^3} - \frac{36a_2a_7a_9}{a_0^3} - \frac{36a_3a_4a_{11}}{a_0^3} - \frac{36a_3a_5a_{10}}{a_0^3} - \frac{36a_3a_6a_9}{a_0^3} - \\
& \frac{36a_3a_7a_8}{a_0^3} - \frac{36a_4a_5a_9}{a_0^3} - \frac{36a_4a_6a_8}{a_0^3} - \frac{36a_5a_6a_7}{a_0^3} + \frac{54a_1^2a_2a_{14}}{a_0^4} + \frac{54a_1^2a_3a_{13}}{a_0^4} + \\
& \frac{54a_1^2a_4a_{12}}{a_0^4} + \frac{54a_1^2a_5a_{11}}{a_0^4} + \frac{54a_1^2a_6a_{10}}{a_0^4} + \frac{54a_7a_9}{a_0^4} + \frac{54a_1a_5a_6^2}{a_0^4} + \frac{54a_1a_2^2a_{13}}{a_0^4} + \\
& \frac{54a_1a_3^2a_{11}}{a_0^4} + \frac{54a_1a_4^2a_9}{a_0^4} + \frac{54a_1a_5^2a_7}{a_0^4} + \frac{54a_1a_3a_7^2}{a_0^4} + \frac{54a_2^2a_3a_{11}}{a_0^4} + \frac{54a_2^2a_4a_{10}}{a_0^4} + \\
& \frac{54a_2^2a_5a_9}{a_0^4} + \frac{54a_2^2a_6a_8}{a_0^4} + \frac{54a_2a_3^2a_{10}}{a_0^4} + \frac{54a_2^3a_4a_8}{a_0^4} + \frac{54a_3^2a_5a_7}{a_0^4} + \frac{54a_2a_4^2a_8}{a_0^4} + \frac{54a_3a_4^2a_7}{a_0^4} + \\
& \frac{54a_2a_5^2a_6}{a_0^4} + \frac{54a_2a_4a_6^2}{a_0^4} - \frac{72a_1^3a_2a_{13}}{a_0^5} - \frac{72a_1^3a_3a_{12}}{a_0^5} - \frac{72a_1^3a_4a_{11}}{a_0^5} - \frac{72a_1^3a_5a_{10}}{a_0^5} - \\
& \frac{72a_1^3a_6a_9}{a_0^5} - \frac{72a_1^3a_7a_8}{a_0^5} - \frac{72a_1a_2^3a_{11}}{a_0^5} - \frac{72a_1a_3^3a_8}{a_0^5} - \frac{72a_1a_4^3a_5}{a_0^5} - \frac{72a_1a_2a_5^3}{a_0^5} - \frac{72a_2^3a_3a_9}{a_0^5} - \\
& \frac{72a_2^3a_4a_8}{a_0^5} - \frac{72a_2^3a_5a_7}{a_0^5} - \frac{72a_2a_3^3a_7}{a_0^5} - \frac{72a_3^3a_4a_5}{a_0^5} + \frac{90a_1^4a_2a_{12}}{a_0^6} + \frac{90a_1^4a_3a_{11}}{a_0^6} + \\
& \frac{90a_1^4a_4a_{10}}{a_0^6} + \frac{90a_1^4a_5a_9}{a_0^6} + \frac{90a_1^4a_6a_8}{a_0^6} + \frac{90a_1a_2^4a_9}{a_0^6} + \frac{90a_1a_3^4a_5}{a_0^6} + \frac{90a_2^4a_3a_7}{a_0^6} + \frac{90a_2^4a_4a_6}{a_0^6} + \\
& \frac{90a_2a_3^4a_4}{a_0^6} - \frac{108a_1^5a_2a_{11}}{a_0^7} - \frac{108a_1^5a_3a_{10}}{a_0^7} - \frac{108a_1^5a_4a_9}{a_0^7} - \frac{108a_1^5a_5a_8}{a_0^7} - \frac{108a_1^5a_6a_7}{a_0^7} - \\
& \frac{108a_1a_2a_3^5}{a_0^7} - \frac{108a_1a_2^5a_7}{a_0^7} - \frac{108a_2^5a_3a_5}{a_0^7} + \frac{126a_1^6a_2a_{10}}{a_0^8} + \frac{126a_1^6a_3a_9}{a_0^8} + \frac{126a_1^6a_4a_8}{a_0^8} + \\
& \frac{126a_2^6a_3a_5}{a_0^8}
\end{aligned}$$

$$\begin{aligned}
& \frac{126a_1^6a_5a_7}{a_0^8} + \frac{126a_1a_2^6a_5}{a_0^8} - \frac{144a_1^7a_2a_9}{a_0^9} - \frac{144a_1^7a_3a_8}{a_0^9} - \frac{144a_1^7a_4a_7}{a_0^9} - \frac{144a_1^7a_5a_6}{a_0^9} - \\
& \frac{144a_1a_2^7a_3}{a_0^9} + \frac{162a_1^8a_2a_8}{a_0^{10}} + \frac{162a_1^8a_3a_7}{a_0^{10}} + \frac{162a_1^8a_4a_6}{a_0^{10}} - \frac{180a_1^9a_2a_7}{a_0^{11}} - \frac{180a_1^9a_3a_6}{a_0^{11}} - \\
& \frac{180a_1^9a_4a_5}{a_0^{11}} + \frac{198a_1^{10}a_2a_6}{a_0^{12}} + \frac{198a_1^{10}a_3a_5}{a_0^{12}} - \frac{216a_1^{11}a_2a_5}{a_0^{13}} - \frac{216a_1^{11}a_3a_4}{a_0^{13}} + \frac{234a_1^{12}a_2a_4}{a_0^{14}} - \\
& \frac{252a_1^{13}a_2a_3}{a_0^{15}} - \frac{108a_1^2a_4a_6^2}{a_0^5} - \frac{108a_1^2a_2^2a_{12}}{a_0^5} - \frac{108a_1^2a_3^2a_{10}}{a_0^5} - \frac{108a_1^2a_4^2a_8}{a_0^5} - \frac{108a_1^2a_5^2a_6}{a_0^5} - \\
& \frac{108a_1^2a_2a_7^2}{a_0^5} - \frac{108a_2^2a_3^2a_8}{a_0^5} - \frac{108a_2^2a_4^2a_6}{a_0^5} - \frac{108a_2^2a_4a_5^2}{a_0^5} - \frac{108a_2a_3^2a_5^2}{a_0^5} + \frac{180a_1^3a_3a_6^2}{a_0^6} + \\
& \frac{180a_1^3a_2^2a_{11}}{a_0^6} + \frac{180a_1^3a_3^2a_9}{a_0^6} + \frac{180a_1^3a_4^2a_7}{a_0^6} + \frac{180a_1^2a_3^2a_{10}}{a_0^6} + \frac{180a_1^2a_3^3a_7}{a_0^6} + \frac{180a_1a_3^3a_4^2}{a_0^6} + \\
& \frac{180a_2^2a_3^2a_6}{a_0^6} + \frac{180a_2^2a_3^3a_5}{a_0^6} - \frac{270a_1^4a_2^2a_{10}}{a_0^7} - \frac{270a_1^4a_3^2a_8}{a_0^7} - \frac{270a_1^4a_4^2a_6}{a_0^7} - \frac{270a_1^4a_4a_5^2}{a_0^7} - \\
& \frac{270a_1^4a_2a_6^2}{a_0^7} - \frac{270a_1^2a_4^2a_8}{a_0^7} - \frac{270a_1^2a_3^4a_4}{a_0^7} - \frac{270a_1^2a_3^2a_4}{a_0^7} + \frac{378a_1^5a_2^2a_9}{a_0^8} + \frac{378a_1^5a_3^2a_7}{a_0^8} + \\
& \frac{378a_1^5a_4^2a_5}{a_0^8} + \frac{378a_1^5a_3a_5^2}{a_0^8} + \frac{378a_1^5a_2^5a_6}{a_0^8} - \frac{504a_1^6a_2^2a_8}{a_0^9} - \frac{504a_1^6a_3^2a_6}{a_0^9} - \frac{504a_1^6a_2a_5^2}{a_0^9} - \\
& \frac{504a_1^2a_2^6a_4}{a_0^9} + \frac{648a_1^7a_2^2a_7}{a_0^{10}} + \frac{648a_1^7a_3^2a_5}{a_0^{10}} + \frac{648a_1^7a_3a_4^2}{a_0^{10}} - \frac{810a_1^8a_2^2a_6}{a_0^{11}} - \frac{810a_1^8a_3^2a_4}{a_0^{11}} - \\
& \frac{810a_1^8a_2a_4^2}{a_0^{11}} + \frac{990a_1^9a_2^2a_5}{a_0^{12}} - \frac{1188a_1^{10}a_2^2a_4}{a_0^{13}} - \frac{1188a_1^{10}a_2a_3^2}{a_0^{13}} + \frac{1404a_1^{11}a_2^2a_3}{a_0^{14}} - \frac{360a_1^3a_3a_4^3}{a_0^7} - \\
& \frac{360a_1^3a_2^3a_9}{a_0^7} - \frac{360a_1^3a_3^3a_6}{a_0^7} + \frac{630a_1^4a_2a_4^3}{a_0^8} + \frac{630a_1^4a_2^3a_{n8}}{a_0^8} + \frac{630a_1^4a_3^3a_5}{a_0^8} + \frac{630a_1^3a_2^4a_7}{a_0^8} + \\
& \frac{630a_1a_2^4a_3^3}{a_0^8} - \frac{1008a_1^5a_2^3a_7}{a_0^9} - \frac{1008a_1^5a_3^3a_4}{a_0^9} - \frac{1008a_1^3a_5^2a_5}{a_0^9} + \frac{1512a_1^6a_2^3a_6}{a_0^{10}} + \frac{1512a_1^2a_3^6a_3}{a_0^{10}} - \\
& \frac{2160a_1^7a_2^3a_5}{a_0^{11}} - \frac{2160a_1^7a_2a_3^3}{a_0^{11}} + \frac{2970a_1^8a_2^3a_4}{a_0^{12}} - \frac{3960a_1^9a_2^3a_3}{a_0^{13}} - \frac{1260a_1^4a_2a_4^3}{a_0^9} - \\
& \frac{1260a_1^4a_2^4a_6}{a_0^9} + \frac{2268a_1^5a_2^4a_5}{a_0^{10}} + \frac{2268a_1^4a_2^5a_4}{a_0^{10}} - \frac{3780a_1^6a_2^4a_4}{a_0^{11}} + \frac{5940a_1^7a_2^4a_3}{a_0^{12}} - \\
& \frac{4536a_1^5a_2^5a_3}{a_0^{11}} + \frac{270a_1^2a_2^2a_6^2}{a_0^6} + \frac{270a_1^2a_3^2a_5^2}{a_0^6} + \frac{270a_2^2a_3^2a_4^2}{a_0^6} - \frac{540a_1^2a_2^2a_4^3}{a_0^7} - \frac{540a_1^2a_2^3a_5^2}{a_0^7} + \\
& \frac{945a_1^4a_2^2a_5^2}{a_0^8} + \frac{945a_1^4a_3^2a_4^2}{a_0^8} + \frac{945a_1^2a_2^2a_3^4}{a_0^8} + \frac{945a_1^2a_2^4a_4^2}{a_0^8} - \frac{1512a_1^2a_2^5a_3^2}{a_0^9} + \frac{2268a_1^6a_2^2a_4^2}{a_0^{10}} + \\
& \frac{4455a_1^8a_2^2a_3^2}{a_0^{12}} - \frac{2520a_1^4a_2^3a_4^2}{a_0^9} + \frac{4536a_1^5a_2^2a_3^3}{a_0^{10}} - \frac{7560a_1^6a_2^3a_3^2}{a_0^{11}} + \frac{5670a_1^4a_2^4a_3^2}{a_0^{10}} - \\
& \frac{3360a_1^3a_2^3a_3^3}{a_0^9} + \frac{108a_1a_2a_3a_{12}}{a_0^4} + \frac{108a_1a_2a_4a_{11}}{a_0^4} + \frac{108a_1a_2a_5a_{10}}{a_0^4} + \frac{108a_1a_2a_6a_9}{a_0^4} + \\
& \frac{108a_1a_2a_7a_8}{a_0^4} + \frac{108a_1a_3a_4a_{10}}{a_0^4} + \frac{108a_1a_3a_5a_9}{a_0^4} + \frac{108a_1a_3a_6a_8}{a_0^4} + \frac{108a_1a_4a_5a_8}{a_0^4} + \\
& \frac{108a_1a_4a_6a_7}{a_0^4} + \frac{108a_2a_3a_4a_9}{a_0^4} + \frac{108a_2a_3a_5a_8}{a_0^4} + \frac{108a_2a_3a_6a_7}{a_0^4} + \frac{108a_2a_4a_5a_7}{a_0^4} + \\
& \frac{108a_3a_4a_5a_6}{a_0^4} - \frac{216a_1^2a_2a_3a_{11}}{a_0^5} - \frac{216a_1^2a_2a_4a_{10}}{a_0^5} - \frac{216a_1^2a_2a_5a_9}{a_0^5} - \frac{216a_1^2a_2a_6a_8}{a_0^5} - \\
& \frac{216a_1^2a_3a_4a_9}{a_0^5} - \frac{216a_1^2a_3a_5a_8}{a_0^5} - \frac{216a_1^2a_3a_6a_7}{a_0^5} - \frac{216a_1^2a_4a_5a_7}{a_0^5} - \frac{216a_1a_2^2a_3a_{10}}{a_0^5} - \\
& \frac{216a_1a_2^2a_4a_9}{a_0^5} - \frac{216a_1a_2^2a_5a_8}{a_0^5} - \frac{216a_1a_2^2a_6a_7}{a_0^5} - \frac{216a_1a_2a_3^2a_9}{a_0^5} - \frac{216a_1a_3^2a_4a_7}{a_0^5} - \\
& \frac{216a_1a_2^2a_4a_9}{a_0^5} - \frac{216a_1a_2^2a_5a_8}{a_0^5} - \frac{216a_1a_2^2a_6a_7}{a_0^5} - \frac{216a_1a_2a_3^2a_9}{a_0^5} - \frac{216a_1a_3^2a_4a_7}{a_0^5} -
\end{aligned}$$

$$\begin{aligned}
& \frac{216a_1a_3^2a_5a_6}{a_0^5} - \frac{216a_1a_2a_4^2a_7}{a_0^5} - \frac{216a_1a_3a_4^2a_6}{a_0^5} - \frac{216a_1a_3a_4a_5^2}{a_0^5} - \frac{216a_1a_2a_3a_6^2}{a_0^5} - \\
& \frac{216a_2^2a_3a_4a_7}{a_0^5} - \frac{216a_2^2a_3a_5a_6}{a_0^5} - \frac{216a_2a_3^2a_4a_6}{a_0^5} - \frac{216a_2a_3a_4^2a_5}{a_0^5} + \frac{360a_1^3a_2a_3a_{10}}{a_0^6} + \\
& \frac{360a_1^3a_2a_4a_9}{a_0^6} + \frac{360a_1^3a_2a_5a_8}{a_0^6} + \frac{360a_1^3a_2a_6a_7}{a_0^6} + \frac{360a_1^3a_3a_4a_8}{a_0^6} + \frac{360a_1^3a_3a_5a_7}{a_0^6} + \\
& \frac{360a_1^3a_4a_5a_6}{a_0^6} + \frac{360a_1a_2^3a_3a_8}{a_0^6} + \frac{360a_1a_2^3a_4a_7}{a_0^6} + \frac{360a_1a_2^3a_5a_6}{a_0^6} + \frac{360a_1a_2a_3^3a_6}{a_0^6} + \\
& \frac{360a_1a_2a_3a_4^3}{a_0^6} + \frac{360a_2^2a_3a_4a_5}{a_0^6} - \frac{540a_1^4a_2a_3a_9}{a_0^7} - \frac{540a_1^4a_2a_4a_8}{a_0^7} - \frac{540a_1^4a_2a_5a_7}{a_0^7} - \\
& \frac{540a_1^4a_3a_4a_7}{a_0^7} - \frac{540a_1^4a_3a_5a_6}{a_0^7} - \frac{540a_1a_2^4a_3a_6}{a_0^7} - \frac{540a_1a_2^4a_4a_5}{a_0^7} + \frac{756a_1^5a_2a_3a_8}{a_0^8} + \\
& \frac{756a_1^5a_2a_4a_7}{a_0^8} + \frac{756a_1^5a_2a_5a_6}{a_0^8} + \frac{756a_1^5a_3a_4a_6}{a_0^8} + \frac{756a_1a_2^5a_3a_4}{a_0^8} - \frac{1008a_1^6a_2a_3a_7}{a_0^9} - \\
& \frac{1008a_1^6a_2a_4a_6}{a_0^9} - \frac{1008a_1^6a_3a_4a_5}{a_0^9} + \frac{1296a_1^7a_2a_3a_6}{a_0^{10}} + \frac{1296a_1^7a_2a_4a_5}{a_0^{10}} - \frac{1620a_1^8a_2a_3a_5}{a_0^{11}} + \\
& \frac{1980a_1^9a_2a_3a_4}{a_0^{12}} + \frac{540a_1^2a_2^2a_3a_9}{a_0^6} + \frac{540a_1^2a_2^2a_4a_8}{a_0^6} + \frac{540a_1^2a_2^2a_5a_7}{a_0^6} + \frac{540a_1^2a_2a_3^2a_8}{a_0^6} + \\
& \frac{540a_1^2a_2^2a_4a_6}{a_0^6} + \frac{540a_1^2a_2a_4^2a_6}{a_0^6} + \frac{540a_1^2a_3a_4^2a_5}{a_0^6} + \frac{540a_1^2a_2a_4a_5^2}{a_0^6} + \frac{540a_1a_2^2a_3^2a_7}{a_0^6} + \\
& \frac{540a_1a_2^2a_4^2a_5}{a_0^6} + \frac{540a_1a_2^2a_3a_5^2}{a_0^6} - \frac{1080a_1^3a_2^2a_3a_8}{a_0^7} - \frac{1080a_1^3a_2^2a_4a_7}{a_0^7} - \frac{1080a_1^3a_2^2a_5a_6}{a_0^7} - \\
& \frac{1080a_1^3a_2a_3^2a_7}{a_0^7} - \frac{1080a_1^3a_3^2a_4a_5}{a_0^7} - \frac{1080a_1^3a_2a_4^2a_5}{a_0^7} - \frac{1080a_1^3a_2a_3a_5^2}{a_0^7} - \frac{1080a_1^2a_2^3a_3a_7}{a_0^7} - \\
& \frac{1080a_1^2a_2^3a_4a_6}{a_0^7} - \frac{1080a_1^2a_2a_3^3a_5}{a_0^7} - \frac{1080a_1a_2^3a_3^2a_5}{a_0^7} - \frac{1080a_1a_2^3a_3a_4^2}{a_0^7} - \frac{1080a_1a_2^2a_3^3a_4}{a_0^7} + \\
& \frac{1890a_1^4a_2^2a_3a_7}{a_0^8} + \frac{1890a_1^4a_2^2a_4a_6}{a_0^8} + \frac{1890a_1^4a_2a_3^2a_6}{a_0^8} + \frac{1890a_1^2a_2^4a_3a_5}{a_0^8} - \frac{3024a_1^5a_2^2a_3a_6}{a_0^9} - \\
& \frac{3024a_1^5a_2^2a_4a_5}{a_0^9} - \frac{3024a_1^5a_2a_3^2a_5}{a_0^9} - \frac{3024a_1^5a_2a_3a_4^2}{a_0^9} + \frac{4536a_1^6a_2^2a_3a_5}{a_0^{10}} + \frac{4536a_1^6a_2a_3^2a_4}{a_0^{10}} - \\
& \frac{6480a_1^7a_2^2a_3a_4}{a_0^{11}} + \frac{2520a_1^3a_2^3a_3a_6}{a_0^8} + \frac{2520a_1^3a_2^3a_4a_5}{a_0^8} + \frac{2520a_1^3a_2a_3^3a_4}{a_0^8} - \frac{5040a_1^4a_2^3a_3a_5}{a_0^9} - \\
& \frac{5040a_1^3a_2^4a_3a_4}{a_0^9} + \frac{9072a_1^5a_2^3a_3a_4}{a_0^{10}} - \frac{1620a_1^2a_2^2a_3^2a_6}{a_0^7} - \frac{1620a_1^2a_2a_3^2a_4^2}{a_0^7} + \frac{3780a_1^3a_2^2a_3^2a_5}{a_0^8} + \\
& \frac{3780a_1^3a_2^2a_3a_4^2}{a_0^8} + \frac{3780a_1^2a_2^3a_3^2a_4}{a_0^8} - \frac{7560a_1^4a_2^2a_3^2a_4}{a_0^9} - \frac{432a_1a_2a_3a_4a_8}{a_0^5} - \frac{432a_1a_2a_3a_5a_7}{a_0^5} - \\
& \frac{432a_1a_2a_4a_5a_6}{a_0^5} + \frac{1080a_1^2a_2a_3a_4a_7}{a_0^6} + \frac{1080a_1^2a_2a_3a_5a_6}{a_0^6} + \frac{1080a_1a_2^2a_3a_4a_6}{a_0^6} + \\
& \frac{1080a_1a_2a_3^2a_4a_5}{a_0^6} - \frac{1080a_1^3a_2a_3a_4a_6}{a_0^7} + \frac{3780a_1^4a_2a_3a_4a_5}{a_0^8} - \frac{3240a_1^2a_2^2a_3a_4a_5}{a_0^7} \\
& \sum_{k=1}^n \frac{1}{z_k^{19}} = -\frac{19a_{19}}{a_0} - \frac{a_1^{19}}{a_0^{19}} + \frac{19a_1a_{18}}{a_0^2} + \frac{19a_2a_{17}}{a_0^2} + \frac{19a_3a_{16}}{a_0^2} + \frac{19a_4a_{15}}{a_0^2} + \\
& \frac{19a_5a_{14}}{a_0^2} + \frac{19a_6a_{13}}{a_0^2} + \frac{19a_7a_{12}}{a_0^2} + \frac{19a_8a_{11}}{a_0^2} + \frac{19a_9a_{10}}{a_0^2} - \frac{19a_1^2a_{17}}{a_0^3} - \frac{19a_1a_9^2}{a_0^3} - \\
& \frac{19a_3a_8^2}{a_0^3} - \frac{19a_2^2a_{15}}{a_0^3} - \frac{19a_3^2a_{13}}{a_0^3} - \frac{19a_4^2a_{11}}{a_0^3} - \frac{19a_5^2a_9}{a_0^3} - \frac{19a_6^2a_7}{a_0^3} - \frac{19a_5a_7^2}{a_0^3} +
\end{aligned}$$

$$\begin{aligned}
& \frac{19a_1^3a_{16}}{a_0^4} + \frac{19a_1a_6^3}{a_0^4} + \frac{19a_2^3a_{13}}{a_0^4} + \frac{19a_3^3a_{10}}{a_0^4} + \frac{19a_4^3a_7}{a_0^4} + \frac{19a_4a_5^3}{a_0^4} - \frac{19a_1^4a_{15}}{a_0^5} - \\
& \frac{19a_3a_4^4}{a_0^5} - \frac{19a_2^4a_{11}}{a_0^5} - \frac{19a_3^4a_7}{a_0^5} + \frac{19a_1^5a_{14}}{a_0^6} + \frac{19a_2^5a_9}{a_0^6} + \frac{19a_3^5a_4}{a_0^6} - \frac{19a_1^6a_{13}}{a_0^7} - \\
& \frac{19a_1a_3^6}{a_0^7} - \frac{19a_2^6a_7}{a_0^7} + \frac{19a_1^7a_{12}}{a_0^8} + \frac{19a_2^7a_5}{a_0^8} - \frac{19a_1^8a_{11}}{a_0^9} - \frac{19a_2^8a_3}{a_0^9} + \frac{19a_1^9a_{10}}{a_0^{10}} + \\
& \frac{19a_1a_2^9}{a_0^{10}} - \frac{19a_1^{10}a_9}{a_0^{11}} + \frac{19a_1^{11}a_8}{a_0^{12}} - \frac{19a_1^{12}a_7}{a_0^{13}} + \frac{19a_1^{13}a_6}{a_0^{14}} - \frac{19a_1^{14}a_5}{a_0^{15}} + \frac{19a_1^{15}a_4}{a_0^{16}} - \\
& \frac{19a_1^{16}a_3}{a_0^{17}} + \frac{19a_1^{17}a_2}{a_0^{18}} - \frac{38a_1^3a_8^2}{a_0^5} - \frac{38a_3^3a_5^2}{a_0^5} - \frac{38a_2^2a_5^3}{a_0^5} - \frac{57a_1^5a_7^2}{a_0^7} - \frac{57a_2^2a_3^5}{a_0^7} - \\
& \frac{76a_1^7a_6^2}{a_0^9} - \frac{95a_1^9a_5^2}{a_0^{11}} - \frac{114a_1^{11}a_4^2}{a_0^{13}} - \frac{133a_1^{13}a_3^2}{a_0^{15}} - \frac{152a_1^{15}a_2^2}{a_0^{17}} - \frac{95a_1^4a_5^3}{a_0^7} - \frac{95a_1^3a_4^4}{a_0^7} + \\
& \frac{133a_2^5a_3^3}{a_0^8} + \frac{228a_1^7a_4^3}{a_0^{10}} - \frac{285a_1^8a_2^3}{a_0^{11}} - \frac{418a_1^{10}a_3^3}{a_0^{13}} + \frac{665a_1^{13}a_2^3}{a_0^{16}} - \frac{266a_1^4a_3^5}{a_0^9} - \frac{570a_1^7a_3^4}{a_0^{11}} - \\
& \frac{1729a_1^{11}a_2^4}{a_0^{15}} + \frac{1254a_1^5a_2^7}{a_0^{12}} + \frac{2717a_1^9a_2^5}{a_0^{14}} - \frac{2508a_1^7a_2^6}{a_0^{13}} - \frac{38a_1a_2a_{16}}{a_0^3} - \frac{38a_1a_3a_{15}}{a_0^3} - \\
& \frac{38a_1a_4a_{14}}{a_0^3} - \frac{38a_1a_5a_{13}}{a_0^3} - \frac{38a_1a_6a_{12}}{a_0^3} - \frac{38a_1a_7a_{11}}{a_0^3} - \frac{38a_1a_8a_{10}}{a_0^3} - \frac{38a_2a_3a_{14}}{a_0^3} - \\
& \frac{38a_2a_4a_{13}}{a_0^3} - \frac{38a_2a_5a_{12}}{a_0^3} - \frac{38a_2a_6a_{11}}{a_0^3} - \frac{38a_2a_7a_{10}}{a_0^3} - \frac{38a_2a_8a_9}{a_0^3} - \frac{38a_3a_4a_{12}}{a_0^3} - \\
& \frac{38a_3a_5a_{11}}{a_0^3} - \frac{38a_3a_6a_{10}}{a_0^3} - \frac{38a_3a_7a_9}{a_0^3} - \frac{38a_4a_5a_{10}}{a_0^3} - \frac{38a_4a_6a_9}{a_0^3} - \frac{38a_4a_7a_8}{a_0^3} - \\
& \frac{38a_5a_6a_8}{a_0^3} + \frac{57a_1^2a_2a_{15}}{a_0^4} + \frac{57a_1^2a_3a_{14}}{a_0^4} + \frac{57a_1^2a_4a_{13}}{a_0^4} + \frac{57a_1^2a_5a_{12}}{a_0^4} + \frac{57a_1^2a_6a_{11}}{a_0^4} + \\
& \frac{57a_1^2a_7a_{10}}{a_0^4} + \frac{57a_1^2a_8a_9}{a_0^4} + \frac{57a_1a_2a_8^2}{a_0^4} + \frac{57a_1a_2a_{14}^2}{a_0^4} + \frac{57a_1a_3a_{12}^2}{a_0^4} + \frac{57a_1a_4a_{10}^2}{a_0^4} + \\
& \frac{57a_1a_5a_8^2}{a_0^4} + \frac{57a_1a_4a_7^2}{a_0^4} + \frac{57a_2^2a_3a_{12}}{a_0^4} + \frac{57a_2^2a_4a_{11}}{a_0^4} + \frac{57a_2^2a_5a_{10}}{a_0^4} + \frac{57a_2^2a_6a_9}{a_0^4} + \\
& \frac{57a_2^2a_7a_8}{a_0^4} + \frac{57a_2a_3^2a_{11}}{a_0^4} + \frac{57a_3^2a_4a_9}{a_0^4} + \frac{57a_3^2a_5a_8}{a_0^4} + \frac{57a_3^2a_6a_7}{a_0^4} + \frac{57a_2a_4^2a_9}{a_0^4} + \\
& \frac{57a_3a_4^2a_8}{a_0^4} + \frac{57a_4^2a_5a_6}{a_0^4} + \frac{57a_2a_5^2a_7}{a_0^4} + \frac{57a_3a_5^2a_6}{a_0^4} + \frac{57a_2a_5a_6^2}{a_0^4} + \frac{57a_3a_4a_6^2}{a_0^4} + \\
& \frac{57a_2a_3a_7^2}{a_0^4} - \frac{76a_1^3a_2a_{14}}{a_0^5} - \frac{76a_1^3a_3a_{13}}{a_0^5} - \frac{76a_1^3a_4a_{12}}{a_0^5} - \frac{76a_1^3a_5a_{11}}{a_0^5} - \frac{76a_1^3a_6a_{10}}{a_0^5} - \\
& \frac{76a_1^3a_7a_9}{a_0^5} - \frac{76a_1a_2^3a_{12}}{a_0^5} - \frac{76a_1a_3^3a_9}{a_0^5} - \frac{76a_1a_4^3a_6}{a_0^5} - \frac{76a_1a_3a_5^3}{a_0^5} - \frac{76a_2^3a_3a_{10}}{a_0^5} - \\
& \frac{76a_2^3a_4a_9}{a_0^5} - \frac{76a_2^3a_5a_8}{a_0^5} - \frac{76a_2^3a_6a_7}{a_0^5} - \frac{76a_2a_3^3a_8}{a_0^5} - \frac{76a_3^3a_4a_6}{a_0^5} - \frac{76a_2a_4^3a_5}{a_0^5} +
\end{aligned}$$

$$\begin{aligned}
& \frac{95a_1^4a_2a_{13}}{a_0^6} + \frac{95a_1^4a_3a_{12}}{a_0^6} + \frac{95a_1^4a_4a_{11}}{a_0^6} + \frac{95a_1^4a_5a_{10}}{a_0^6} + \frac{95a_1^4a_6a_9}{a_0^6} + \frac{95a_1^4a_7a_8}{a_0^6} + \\
& \frac{95a_1a_2a_4^4}{a_0^6} + \frac{95a_1a_2^4a_{10}}{a_0^6} + \frac{95a_1a_3^4a_6}{a_0^6} + \frac{95a_2^4a_3a_8}{a_0^6} + \frac{95a_2^4a_4a_7}{a_0^6} + \frac{95a_2^4a_5a_6}{a_0^6} + \\
& \frac{95a_2a_3^4a_5}{a_0^6} - \frac{114a_1^5a_2a_{12}}{a_0^7} - \frac{114a_1^5a_3a_{11}}{a_0^7} - \frac{114a_1^5a_4a_{10}}{a_0^7} - \frac{114a_1^5a_5a_9}{a_0^7} - \\
& \frac{114a_1^5a_6a_8}{a_0^7} - \frac{114a_1a_2^5a_8}{a_0^7} - \frac{114a_2^5a_3a_6}{a_0^7} - \frac{114a_2^5a_4a_5}{a_0^7} + \frac{133a_1^6a_2a_{11}}{a_0^8} + \\
& \frac{133a_1^6a_3a_{10}}{a_0^8} + \frac{133a_1^6a_4a_9}{a_0^8} + \frac{133a_1^6a_5a_8}{a_0^8} + \frac{133a_1^6a_6a_7}{a_0^8} + \frac{133a_1a_2^6a_6}{a_0^8} + \\
& \frac{133a_2^6a_3a_4}{a_0^8} - \frac{152a_1^7a_2a_{10}}{a_0^9} - \frac{152a_1^7a_3a_9}{a_0^9} - \frac{152a_1^7a_4a_8}{a_0^9} - \frac{152a_1^7a_5a_7}{a_0^9} - \\
& \frac{152a_1a_2^7a_4}{a_0^9} + \frac{171a_1^8a_2a_9}{a_0^{10}} + \frac{171a_1^8a_3a_8}{a_0^{10}} + \frac{171a_1^8a_4a_7}{a_0^{10}} + \frac{171a_1^8a_5a_6}{a_0^{10}} - \frac{190a_1^9a_2a_8}{a_0^{11}} - \\
& \frac{190a_1^9a_3a_7}{a_0^{11}} - \frac{190a_1^9a_4a_6}{a_0^{11}} + \frac{209a_1^{10}a_2a_7}{a_0^{12}} + \frac{209a_1^{10}a_3a_6}{a_0^{12}} + \frac{209a_1^{10}a_4a_5}{a_0^{12}} - \\
& \frac{228a_1^{11}a_2a_6}{a_0^{13}} - \frac{228a_1^{11}a_3a_5}{a_0^{13}} + \frac{247a_1^{12}a_2a_5}{a_0^{14}} + \frac{247a_1^{12}a_3a_4}{a_0^{14}} - \frac{266a_1^{13}a_2a_4}{a_0^{15}} + \\
& \frac{285a_1^{14}a_2a_3}{a_0^{16}} - \frac{114a_1^2a_5a_6^2}{a_0^5} - \frac{114a_1^2a_2^2a_{13}}{a_0^5} - \frac{114a_1^2a_3^2a_{11}}{a_0^5} - \frac{114a_1^2a_4^2a_9}{a_0^5} - \\
& \frac{114a_1^2a_5^2a_7}{a_0^5} - \frac{114a_1^2a_3^2a_7^2}{a_0^5} - \frac{114a_1a_2^2a_7^2}{a_0^5} - \frac{114a_1a_2^3a_6^2}{a_0^5} - \frac{114a_1a_4^2a_5^2}{a_0^5} - \frac{114a_2^2a_3^2a_9}{a_0^5} - \\
& \frac{114a_2^2a_4^2a_7}{a_0^5} - \frac{114a_2^2a_3^2a_6^2}{a_0^5} - \frac{114a_2^2a_4^2a_5^2}{a_0^5} + \frac{190a_1^3a_4^2a_6^2}{a_0^6} + \frac{190a_1^3a_2^2a_{12}}{a_0^6} + \\
& \frac{190a_1^3a_3^2a_{10}}{a_0^6} + \frac{190a_1^3a_4^2a_8}{a_0^6} + \frac{190a_1^3a_5^2a_6}{a_0^6} + \frac{190a_1^3a_2^2a_7^2}{a_0^6} + \frac{190a_1^2a_3^2a_{11}}{a_0^6} + \\
& \frac{190a_1^2a_3^3a_8}{a_0^6} + \frac{190a_1^2a_4^3a_5}{a_0^6} + \frac{190a_1^2a_2^2a_5^3}{a_0^6} + \frac{190a_1a_2^3a_6^2}{a_0^6} + \frac{190a_1a_3^2a_4^3}{a_0^6} + \frac{190a_2^3a_3^2a_7}{a_0^6} + \\
& \frac{190a_2^3a_4^2a_5}{a_0^6} + \frac{190a_2^2a_3^3a_6}{a_0^6} + \frac{190a_2^2a_3a_4^3}{a_0^6} + \frac{190a_2^3a_3a_5^2}{a_0^6} + \frac{190a_2a_3^3a_4^2}{a_0^6} - \frac{285a_1^4a_3a_6^2}{a_0^7} - \\
& \frac{285a_1^4a_2^2a_{11}}{a_0^7} - \frac{285a_1^4a_3^2a_9}{a_0^7} - \frac{285a_1^4a_4^2a_7}{a_0^7} - \frac{285a_1^2a_2^4a_9}{a_0^7} - \frac{285a_1^2a_3^4a_5}{a_0^7} - \\
& \frac{285a_1a_2^4a_5^2}{a_0^7} - \frac{285a_2^4a_3^2a_5}{a_0^7} - \frac{285a_2^4a_3a_4^2}{a_0^7} + \frac{399a_1^5a_2^2a_{10}}{a_0^8} + \frac{399a_1^5a_3^2a_8}{a_0^8} + \\
& \frac{399a_1^5a_4^2a_6}{a_0^8} + \frac{399a_1^5a_4a_5^2}{a_0^8} + \frac{399a_1^5a_2^2a_6^2}{a_0^8} + \frac{399a_1^2a_2a_3^5}{a_0^8} + \frac{399a_1^2a_2^5a_7}{a_0^8} + \frac{399a_1a_2^5a_4^2}{a_0^8} -
\end{aligned}$$

$$\begin{aligned}
& \frac{532a_1^6a_{02}^2a_9}{a_0^9} - \frac{532a_1^6a_3^2a_7}{a_0^9} - \frac{532a_1^6a_4^2a_5}{a_0^9} - \frac{532a_1^6a_3a_5^2}{a_0^9} - \frac{532a_1^2a_2^6a_5}{a_0^9} - \\
& \frac{532a_1a_2^6a_3^2}{a_0^9} + \frac{684a_1^7a_2^2a_8}{a_0^{10}} + \frac{684a_1^7a_3^2a_6}{a_0^{10}} + \frac{684a_1^7a_2a_5^2}{a_0^{10}} + \frac{684a_1^2a_2^7a_3}{a_0^{10}} - \frac{855a_1^8a_2^2a_7}{a_0^{11}} - \\
& \frac{855a_1^8a_3^2a_5}{a_0^{11}} - \frac{855a_1^8a_3a_4^2}{a_0^{11}} + \frac{1045a_1^9a_2^2a_6}{a_0^{12}} + \frac{1045a_1^9a_3^2a_4}{a_0^{12}} + \frac{1045a_1^9a_2a_4^2}{a_0^{12}} - \\
& \frac{1254a_1^{10}a_2^2a_5}{a_0^{13}} + \frac{1482a_1^{11}a_2^2a_4}{a_0^{14}} + \frac{1482a_1^{11}a_2a_3^2}{a_0^{14}} - \frac{1729a_1^{12}a_2^2a_3}{a_0^{15}} - \frac{380a_1^3a_3^2a_{10}}{a_0^7} - \\
& \frac{380a_1^3a_3^3a_7}{a_0^7} - \frac{380a_1a_2^3a_4^3}{a_0^7} - \frac{380a_2^3a_3^3a_4}{a_0^7} + \frac{665a_1^4a_3a_4^3}{a_0^8} + \frac{665a_1^4a_2^3a_9}{a_0^8} + \frac{665a_1^4a_3^3a_6}{a_0^8} + \\
& \frac{665a_1^3a_2^4a_8}{a_0^8} + \frac{665a_1^3a_3^4a_4}{a_0^8} + \frac{665a_1a_2^3a_4^3}{a_0^8} - \frac{1064a_1^5a_2a_4^3}{a_0^9} - \frac{1064a_1^5a_2^3a_8}{a_0^9} - \frac{1064a_1^5a_3^3a_5}{a_0^9} - \\
& \frac{1064a_1^3a_2^5a_6}{a_0^9} + \frac{1596a_1^6a_2^3a_7}{a_0^{10}} + \frac{1596a_1^6a_3^3a_4}{a_0^{10}} + \frac{1596a_1^3a_2^6a_4}{a_0^{10}} - \frac{2280a_1^7a_2^3a_6}{a_0^{11}} + \\
& \frac{3135a_1^8a_2^3a_5}{a_0^{12}} + \frac{3135a_1^8a_2a_3^3}{a_0^{12}} - \frac{4180a_1^9a_2^3a_4}{a_0^{13}} + \frac{5434a_1^{10}a_2^3a_3}{a_0^{14}} - \frac{1330a_1^4a_4^2a_7}{a_0^9} + \\
& \frac{2394a_1^5a_2a_3^4}{a_0^{10}} + \frac{2394a_1^5a_2^4a_6}{a_0^{10}} - \frac{3990a_1^6a_2^4a_5}{a_0^{11}} - \frac{3990a_1^4a_2^6a_3}{a_0^{11}} + \frac{6270a_1^7a_2^4a_4}{a_0^{12}} - \\
& \frac{9405a_1^8a_2^4a_3}{a_0^{13}} + \frac{2394a_1^4a_2^5a_5}{a_0^{10}} - \frac{4788a_1^5a_2^5a_4}{a_0^{11}} + \frac{8778a_1^6a_2^5a_3}{a_0^{12}} - \frac{570a_1^3a_2^2a_6^2}{a_0^7} - \frac{570a_1^3a_3^2a_5^2}{a_0^7} - \\
& \frac{570a_1^2a_3^3a_4^2}{a_0^7} - \frac{1596a_1^5a_2^2a_5^2}{a_0^9} - \frac{1596a_1^5a_3^2a_4^2}{a_0^9} - \frac{3420a_1^7a_2^2a_4^2}{a_0^{11}} - \frac{6270a_1^9a_2^2a_3^2}{a_0^{13}} + \frac{1330a_1^3a_2^2a_4^3}{a_0^9} + \\
& \frac{1330a_1^3a_3^2a_5^2}{a_0^9} - \frac{2660a_1^3a_2^4a_4^2}{a_0^9} - \frac{2660a_1^3a_2^2a_3^4}{a_0^9} - \frac{2660a_1^2a_4^2a_3^3}{a_0^9} + \frac{4788a_1^5a_2^3a_4^2}{a_0^{10}} + \\
& \frac{4788a_1^3a_2^5a_3^2}{a_0^{10}} - \frac{7980a_1^6a_2^2a_3^3}{a_0^{11}} + \frac{12540a_1^7a_2^3a_3^2}{a_0^{12}} - \frac{11970a_1^5a_2^4a_3^2}{a_0^{11}} + \frac{7980a_1^4a_2^3a_3^3}{a_0^{10}} + \\
& \frac{114a_1a_2a_3a_{13}}{a_0^4} + \frac{114a_1a_2a_4a_{12}}{a_0^4} + \frac{114a_1a_2a_5a_{11}}{a_0^4} + \frac{114a_1a_2a_6a_{10}}{a_0^4} + \frac{114a_1a_2a_7a_9}{a_0^4} + \\
& \frac{114a_1a_3a_4a_{11}}{a_0^4} + \frac{114a_1a_3a_5a_{10}}{a_0^4} + \frac{114a_1a_3a_6a_9}{a_0^4} + \frac{114a_1a_3a_7a_8}{a_0^4} + \frac{114a_1a_4a_5a_9}{a_0^4} + \\
& \frac{114a_1a_4a_6a_8}{a_0^4} + \frac{114a_1a_5a_6a_7}{a_0^4} + \frac{114a_2a_3a_4a_{10}}{a_0^4} + \frac{114a_2a_3a_5a_9}{a_0^4} + \frac{114a_2a_3a_6a_8}{a_0^4} + \\
& \frac{114a_2a_4a_5a_8}{a_0^4} + \frac{114a_2a_4a_6a_7}{a_0^4} + \frac{114a_3a_4a_5a_7}{a_0^4} - \frac{228a_1^2a_2a_3a_{12}}{a_0^5} - \frac{228a_1^2a_2a_4a_{11}}{a_0^5} - \\
& \frac{228a_1^2a_2a_5a_{10}}{a_0^5} - \frac{228a_1^2a_2a_6a_9}{a_0^5} - \frac{228a_1^2a_2a_7a_8}{a_0^5} - \frac{228a_1^2a_3a_4a_{10}}{a_0^5} - \frac{228a_1^2a_3a_5a_9}{a_0^5} - \\
& \frac{228a_1^2a_3a_6a_8}{a_0^5} - \frac{228a_1^2a_4a_5a_8}{a_0^5} - \frac{228a_1^2a_4a_6a_7}{a_0^5} - \frac{228a_1a_2^2a_3a_{11}}{a_0^5} - \frac{228a_1a_2^2a_4a_{10}}{a_0^5} - \\
& \frac{228a_1a_2^2a_5a_9}{a_0^5} - \frac{228a_1a_2^2a_6a_8}{a_0^5} - \frac{228a_1a_2a_3^2a_{10}}{a_0^5} - \frac{228a_1a_3^2a_4a_8}{a_0^5} - \frac{228a_1a_3^2a_5a_7}{a_0^5} - \\
& \frac{228a_1a_2a_4^2a_8}{a_0^5} - \frac{228a_1a_3a_4^2a_7}{a_0^5} - \frac{228a_1a_2a_5^2a_6}{a_0^5} - \frac{228a_1a_2a_4a_6^2}{a_0^5} - \frac{228a_2^2a_3a_4a_8}{a_0^5} - \\
& \frac{228a_2^2a_3a_5a_7}{a_0^5} - \frac{228a_2^2a_4a_5a_6}{a_0^5} - \frac{228a_2a_3^2a_4a_7}{a_0^5} - \frac{228a_2a_3^2a_5a_6}{a_0^5} - \frac{228a_2a_3a_4^2a_6}{a_0^5} - \\
& \frac{228a_2a_3a_4a_5^2}{a_0^5} + \frac{380a_1^3a_2a_3a_{11}}{a_0^6} + \frac{380a_1^3a_2a_4a_{10}}{a_0^6} + \frac{380a_1^3a_2a_5a_9}{a_0^6} + \frac{380a_1^3a_2a_6a_8}{a_0^6} +
\end{aligned}$$

$$\begin{aligned}
& \frac{380a_1^3a_3a_4a_9}{a_0^6} + \frac{380a_1^3a_3a_5a_8}{a_0^6} + \frac{380a_1^3a_3a_6a_7}{a_0^6} + \frac{380a_1^3a_4a_5a_{n-7}}{a_0^6} + \frac{380a_1a_2^3a_3a_9}{a_0^6} + \\
& \frac{380a_1a_2^3a_4a_8}{a_0^6} + \frac{380a_1a_2^3a_5a_7}{a_0^6} + \frac{380a_1a_2a_3^3a_7}{a_0^6} + \frac{380a_1a_3^3a_4a_5}{a_0^6} + \frac{380a_2^3a_3a_4a_6}{a_0^6} - \\
& \frac{570a_1^4a_2a_3a_{10}}{a_0^7} - \frac{570a_1^4a_2a_4a_9}{a_0^7} - \frac{570a_1^4a_2a_5a_8}{a_0^7} - \frac{570a_1^4a_2a_6a_7}{a_0^7} - \frac{570a_1^4a_3a_4a_8}{a_0^7} - \\
& \frac{570a_1^4a_3a_5a_7}{a_0^7} - \frac{570a_1^4a_4a_5a_6}{a_0^7} - \frac{570a_1a_2^4a_3a_7}{a_0^7} - \frac{570a_1a_2^4a_4a_6}{a_0^7} - \frac{570a_1a_2a_3^4a_4}{a_0^7} + \\
& \frac{798a_1^5a_2a_3a_9}{a_0^8} + \frac{798a_1^5a_2a_4a_8}{a_0^8} + \frac{798a_1^5a_2a_5a_7}{a_0^8} + \frac{798a_1^5a_3a_4a_7}{a_0^8} + \frac{798a_1^5a_3a_5a_6}{a_0^8} + \\
& \frac{798a_1a_2^5a_3a_5}{a_0^8} - \frac{1064a_1^6a_2a_3a_8}{a_0^9} - \frac{1064a_1^6a_2a_4a_7}{a_0^9} - \frac{1064a_1^6a_2a_5a_6}{a_0^9} - \frac{1064a_1^6a_3a_4a_6}{a_0^9} + \\
& \frac{1368a_1^7a_2a_3a_7}{a_0^{10}} + \frac{1368a_1^7a_2a_4a_6}{a_0^{10}} + \frac{1368a_1^7a_3a_4a_5}{a_0^{10}} - \frac{1710a_1^8a_2a_3a_6}{a_0^{11}} - \frac{1710a_1^8a_2a_4a_5}{a_0^{11}} + \\
& \frac{2090a_1^9a_2a_3a_{n5}}{a_0^{12}} - \frac{2508a_1^{10}a_2a_3a_4}{a_0^{13}} + \frac{570a_1^2a_2^2a_3a_{10}}{a_0^6} + \frac{570a_1^2a_2^2a_4a_9}{a_0^6} + \frac{570a_1^2a_2^2a_5a_8}{a_0^6} + \\
& \frac{570a_1^2a_2^2a_6a_7}{a_0^6} + \frac{570a_1^2a_2a_3^2a_9}{a_0^6} + \frac{570a_1^2a_3^2a_4a_7}{a_0^6} + \frac{570a_1^2a_3^2a_5a_6}{a_0^6} + \frac{570a_1^2a_2a_4^2a_7}{a_0^6} + \\
& \frac{570a_1^2a_3a_4^2a_6}{a_0^6} + \frac{570a_1^2a_3a_4a_5^2}{a_0^6} + \frac{570a_1^2a_2a_3a_6^2}{a_0^6} + \frac{570a_1a_2^2a_3^2a_8}{a_0^6} + \frac{570a_1a_2^2a_4^2a_6}{a_0^6} + \\
& \frac{570a_1a_2^2a_4a_5^2}{a_0^6} + \frac{570a_1a_2a_3^2a_5^2}{a_0^6} + \frac{570a_2^2a_3^2a_4a_5}{a_0^6} - \frac{1140a_1^3a_2^2a_3a_9}{a_0^7} - \frac{1140a_1^3a_2^2a_4a_8}{a_0^7} - \\
& \frac{1140a_1^3a_2^2a_5a_7}{a_0^7} - \frac{1140a_1^3a_2a_3^2a_8}{a_0^7} - \frac{1140a_1^3a_3^2a_4a_6}{a_0^7} - \frac{1140a_1^3a_2a_4^2a_6}{a_0^7} - \frac{1140a_1^3a_3a_4^2a_5}{a_0^7} - \\
& \frac{1140a_1^3a_2a_4a_5^2}{a_0^7} - \frac{1140a_1^3a_2^3a_3a_8}{a_0^7} - \frac{1140a_1^3a_2^3a_4a_7}{a_0^7} - \frac{1140a_1^3a_2^3a_5a_6}{a_0^7} - \frac{1140a_1^3a_2a_3^3a_6}{a_0^7} - \\
& \frac{1140a_1^2a_2a_3a_4^3}{a_0^7} - \frac{1140a_1a_2^3a_3^2a_6}{a_0^7} - \frac{1140a_1a_2^2a_3^3a_5}{a_0^7} + \frac{1995a_1^4a_2^2a_3a_8}{a_0^8} + \frac{1995a_1^4a_2^2a_4a_7}{a_0^8} + \\
& \frac{1995a_1^4a_2^2a_5a_6}{a_0^8} + \frac{1995a_1^4a_2a_3^2a_7}{a_0^8} + \frac{1995a_1^4a_3^2a_4a_5}{a_0^8} + \frac{1995a_1^4a_2a_4^2a_5}{a_0^8} + \frac{1995a_1^4a_2a_3a_5^2}{a_0^8} + \\
& \frac{1995a_1^2a_2^4a_3a_6}{a_0^8} + \frac{1995a_1^2a_2^4a_4a_5}{a_0^8} + \frac{1995a_1a_2^4a_3^2a_4}{a_0^8} - \frac{3192a_1^5a_2^2a_3a_7}{a_0^9} - \frac{3192a_1^5a_2^2a_4a_6}{a_0^9} - \\
& \frac{3192a_1^5a_2a_3^2a_6}{a_0^9} - \frac{3192a_1^5a_2^2a_3a_4}{a_0^9} + \frac{4788a_1^6a_2^2a_3a_6}{a_0^{10}} + \frac{4788a_1^6a_2^2a_4a_5}{a_0^{10}} + \frac{4788a_1^6a_2a_3^2a_5}{a_0^{10}} + \\
& \frac{4788a_1^6a_2a_3a_4^2}{a_0^{10}} - \frac{6840a_1^7a_2^2a_3a_5}{a_0^{11}} - \frac{6840a_1^7a_2a_3^2a_4}{a_0^{11}} + \frac{9405a_1^8a_2^2a_3a_4}{a_0^{12}} + \frac{2660a_1^3a_3^2a_3a_7}{a_0^8} + \\
& \frac{2660a_1^3a_2^3a_4a_6}{a_0^8} + \frac{2660a_1^3a_2a_3^3a_5}{a_0^8} - \frac{5320a_1^4a_2^3a_3a_6}{a_0^9} - \frac{5320a_1^4a_2^3a_4a_5}{a_0^9} - \frac{5320a_1^4a_2a_3^3a_4}{a_0^9} - \\
& \frac{5320a_1^3a_2^4a_3a_5}{a_0^9} + \frac{9576a_1^5a_2^3a_3a_5}{a_0^{10}} - \frac{15960a_1^6a_2^3a_3a_4}{a_0^{11}} + \frac{11970a_1^4a_2^4a_3a_4}{a_0^{10}} - \frac{1710a_1^2a_2^2a_3^2a_7}{a_0^7} - \\
& \frac{1710a_1^2a_2^2a_4^2a_5}{a_0^7} - \frac{1710a_1^2a_2^2a_3a_5^2}{a_0^7} - \frac{1710a_1a_2^2a_3^2a_4^2}{a_0^7} + \frac{3990a_1^3a_2^2a_3^2a_6}{a_0^8} + \frac{3990a_1^3a_2a_3^2a_4^2}{a_0^8} + \\
& \frac{3990a_1^2a_2^3a_3^2a_5}{a_0^8} + \frac{3990a_1^2a_2^3a_3a_4^2}{a_0^8} + \frac{3990a_1^2a_2^2a_3^3a_4}{a_0^8} - \frac{7980a_1^4a_2^2a_3^2a_5}{a_0^9} - \frac{7980a_1^4a_2^2a_3a_4^2}{a_0^9} - \\
& \frac{10640a_1^3a_3^2a_2^2a_4}{a_0^9} + \frac{14364a_1^5a_2^2a_3^2a_4}{a_0^{10}} - \frac{456a_1a_2a_3a_4a_9}{a_0^5} - \frac{456a_1a_2a_3a_5a_8}{a_0^5} - \\
& \frac{456a_1a_2a_3a_6a_7}{a_0^5} - \frac{456a_1a_2a_4a_5a_7}{a_0^5} - \frac{456a_1a_3a_4a_5a_6}{a_0^5} + \frac{1140a_1^2a_2a_3a_4a_8}{a_0^6} +
\end{aligned}$$

$$\begin{aligned}
& \frac{1140a_1^2a_2a_3a_5a_7}{a_0^6} + \frac{1140a_1^2a_2a_4a_5a_6}{a_0^6} + \frac{1140a_1a_2^2a_3a_4a_7}{a_0^6} + \frac{1140a_1a_2^2a_3a_5a_6}{a_0^6} + \\
& \frac{1140a_1a_2a_3^2a_4a_6}{a_0^6} + \frac{1140a_1a_2a_3a_4^2a_5}{a_0^6} - \frac{2280a_1^3a_2a_3a_4a_7}{a_0^7} - \frac{2280a_1^3a_2a_3a_5a_6}{a_0^7} - \\
& \frac{2280a_1a_2^3a_3a_4a_5}{a_0^7} + \frac{3990a_1^4a_2a_3a_4a_6}{a_0^8} - \frac{6384a_1^5a_2a_3a_4a_5}{a_0^9} - \frac{3420a_1^2a_2^2a_3a_4a_6}{a_0^7} - \\
& \frac{3420a_1^2a_2a_3^2a_4a_5}{a_0^7} + \frac{7980a_1^3a_2^2a_3a_4a_5}{a_0^8} \\
& \sum_{k=1}^n \frac{1}{z_k^{20}} = -\frac{20a_{20}}{a_0} + \frac{10a_{10}^2}{a_0^2} + \frac{5a_5^4}{a_0^4} - \frac{5a_4^5}{a_0^5} + \frac{2a_2^{10}}{a_0^{10}} + \frac{a_1^{20}}{a_0^{20}} + \frac{20a_1a_{19}}{a_0^2} + \frac{20a_2a_{18}}{a_0^2} + \\
& \frac{20a_3a_{17}}{a_0^2} + \frac{20a_4a_{16}}{a_0^2} + \frac{20a_5a_{15}}{a_0^2} + \frac{20a_6a_{14}}{a_0^2} + \frac{20a_7a_{13}}{a_0^2} + \frac{20a_8a_{12}}{a_0^2} + \frac{20a_9a_{11}}{a_0^2} - \\
& \frac{20a_1^2a_{18}}{a_0^3} - \frac{20a_4a_8^2}{a_0^3} - \frac{20a_2^2a_{16}}{a_0^3} - \frac{20a_3^2a_{14}}{a_0^3} - \frac{20a_4^2a_{12}}{a_0^3} - \frac{20a_5^2a_{10}}{a_0^3} - \frac{20a_6^2a_8}{a_0^3} - \frac{20a_6a_7^2}{a_0^3} - \\
& \frac{20a_2a_9^2}{a_0^3} + \frac{20a_1^3a_{17}}{a_0^4} + \frac{20a_2^3a_{14}}{a_0^4} + \frac{20a_3^3a_{11}}{a_0^4} + \frac{20a_4^3a_8}{a_0^4} + \frac{20a_2a_6^3}{a_0^4} - \frac{20a_1^4a_{16}}{a_0^5} - \frac{20a_4^4a_{12}}{a_0^5} - \\
& \frac{20a_3^4a_8}{a_0^5} + \frac{20a_1^5a_{15}}{a_0^6} + \frac{20a_2^5a_{10}}{a_0^6} + \frac{20a_3^5a_5}{a_0^6} - \frac{20a_1^6a_{14}}{a_0^7} - \frac{20a_2^6a_8}{a_0^7} - \frac{20a_2a_3^6}{a_0^7} + \frac{20a_1^7a_{13}}{a_0^8} + \\
& \frac{20a_2^7a_6}{a_0^8} - \frac{20a_1^8a_{12}}{a_0^9} - \frac{20a_2^8a_4}{a_0^9} + \frac{20a_1^9a_{11}}{a_0^{10}} - \frac{20a_1^{10}a_{10}}{a_0^{11}} + \frac{20a_1^{11}a_9}{a_0^{12}} - \frac{20a_1^{12}a_8}{a_0^{13}} + \frac{20a_1^{13}a_7}{a_0^{14}} - \\
& \frac{20a_1^{14}a_6}{a_0^{15}} + \frac{20a_1^{15}a_5}{a_0^{16}} - \frac{20a_1^{16}a_4}{a_0^{17}} + \frac{20a_1^{17}a_3}{a_0^{18}} - \frac{20a_1^{18}a_2}{a_0^{19}} + \frac{30a_1^2a_9^2}{a_0^4} + \frac{30a_2^2a_8^2}{a_0^4} + \frac{30a_3^2a_7^2}{a_0^4} + \\
& \frac{30a_4^2a_6^2}{a_0^4} - \frac{40a_1^3a_6^3}{a_0^5} - \frac{40a_2^3a_7^3}{a_0^5} + \frac{50a_1^4a_8^2}{a_0^6} + \frac{50a_2^4a_6^2}{a_0^6} + \frac{50a_3^4a_4^2}{a_0^6} + \frac{50a_2^2a_4^4}{a_0^6} - \frac{60a_2^5a_5^2}{a_0^7} + \\
& \frac{70a_1^6a_7^2}{a_0^8} + \frac{70a_1^2a_3^6}{a_0^8} + \frac{70a_2^6a_4^2}{a_0^8} - \frac{80a_7^2a_3^2}{a_0^9} + \frac{90a_8^2a_6^2}{a_0^{10}} - \frac{100a_1^2a_2^9}{a_0^{11}} + \frac{110a_1^{10}a_5^2}{a_0^{12}} + \frac{130a_1^{12}a_4^2}{a_0^{14}} + \\
& \frac{150a_1^{14}a_3^2}{a_0^{16}} + \frac{170a_1^{16}a_2^2}{a_0^{18}} - \frac{100a_4^2a_3^3}{a_0^7} + \frac{140a_1^5a_5^3}{a_0^8} - \frac{300a_1^8a_4^3}{a_0^{11}} + \frac{520a_1^{11}a_3^3}{a_0^{13}} - \frac{800a_1^{14}a_2^3}{a_0^{17}} + \\
& \frac{175a_1^4a_4^4}{a_0^8} + \frac{175a_2^4a_3^4}{a_0^8} + \frac{825a_1^8a_3^4}{a_0^{12}} + \frac{825a_1^4a_2^8}{a_0^{12}} + \frac{2275a_1^{12}a_2^4}{a_0^{16}} + \frac{504a_1^5a_3^5}{a_0^{10}} - \frac{4004a_1^{10}a_2^5}{a_0^{15}} - \\
& \frac{2640a_1^6a_2^7}{a_0^{13}} + \frac{4290a_1^8a_2^6}{a_0^{14}} - \frac{40a_1a_2a_{17}}{a_0^3} - \frac{40a_1a_3a_{16}}{a_0^3} - \frac{40a_1a_4a_{15}}{a_0^3} - \frac{40a_1a_{n-5}a_{14}}{a_0^3} - \\
& \frac{40a_1a_6a_{13}}{a_0^3} - \frac{40a_1a_7a_{12}}{a_0^3} - \frac{40a_1a_8a_{11}}{a_0^3} - \frac{40a_1a_9a_{10}}{a_0^3} - \frac{40a_2a_3a_{15}}{a_0^3} - \frac{40a_2a_4a_{14}}{a_0^3} - \\
& \frac{40a_2a_5a_{13}}{a_0^3} - \frac{40a_2a_6a_{12}}{a_0^3} - \frac{40a_2a_7a_{11}}{a_0^3} - \frac{40a_2a_8a_{10}}{a_0^3} - \frac{40a_3a_4a_{13}}{a_0^3} - \frac{40a_3a_5a_{12}}{a_0^3} - \\
& \frac{40a_3a_6a_{11}}{a_0^3} - \frac{40a_3a_7a_{10}}{a_0^3} - \frac{40a_3a_8a_9}{a_0^3} - \frac{40a_4a_5a_{11}}{a_0^3} - \frac{40a_4a_6a_{10}}{a_0^3} - \frac{40a_4a_7a_9}{a_0^3} - \\
& \frac{40a_5a_6a_9}{a_0^3} - \frac{40a_5a_7a_8}{a_0^3} + \frac{60a_1^2a_2a_{16}}{a_0^4} + \frac{60a_1^2a_3a_{15}}{a_0^4} + \frac{60a_1^2a_4a_{14}}{a_0^4} + \frac{60a_1^2a_5a_{13}}{a_0^4} + \\
& \frac{60a_1^2a_6a_{12}}{a_0^4} + \frac{60a_1^2a_7a_{11}}{a_0^4} + \frac{60a_1^2a_8a_{10}}{a_0^4} + \frac{60a_1a_3a_8^2}{a_0^4} + \frac{60a_1a_2^2a_{15}}{a_0^4} + \frac{60a_1a_3^2a_{13}}{a_0^4} + \\
& \frac{60a_1a_4^2a_{11}}{a_0^4} + \frac{60a_1a_5^2a_9}{a_0^4} + \frac{60a_1a_6^2a_7}{a_0^4} + \frac{60a_1a_5a_7^2}{a_0^4} + \frac{60a_2^2a_3a_{13}}{a_0^4} + \frac{60a_2^2a_4a_{12}}{a_0^4} + \\
& \frac{60a_2^2a_5a_{11}}{a_0^4} + \frac{60a_2^2a_6a_{10}}{a_0^4} + \frac{60a_2^2a_7a_9}{a_0^4} + \frac{60a_2a_3^2a_{12}}{a_0^4} + \frac{60a_2^2a_4a_{10}}{a_0^4} + \frac{60a_2^2a_5a_9}{a_0^4} + \\
& \frac{60a_3^2a_6a_8}{a_0^4} + \frac{60a_2a_4^2a_{10}}{a_0^4} + \frac{60a_3a_4^2a_9}{a_0^4} + \frac{60a_4^2a_5a_7}{a_0^4} + \frac{60a_2a_5^2a_8}{a_0^4} + \frac{60a_3a_5^2a_7}{a_0^4} + \frac{60a_4a_5^2a_6}{a_0^4} +
\end{aligned}$$

$$\begin{aligned}
& \frac{1100a_1^9a_3^2a_5}{a_0^{12}} + \frac{1100a_1^9a_3a_4^2}{a_0^{12}} - \frac{1320a_1^{10}a_2^2a_6}{a_0^{13}} - \frac{1320a_1^{10}a_3^2a_4}{a_0^{13}} - \frac{1320a_1^{10}a_2a_4^2}{a_0^{13}} + \\
& \frac{1560a_1^{11}a_2^2a_5}{a_0^{14}} - \frac{1820a_1^{12}a_2^2a_4}{a_0^{15}} - \frac{1820a_1^{12}a_2a_3^2}{a_0^{15}} + \frac{2100a_1^{13}a_2^2a_3}{a_0^{16}} - \frac{400a_1^3a_2^3a_{11}}{a_0^7} - \\
& \frac{400a_1^3a_3^3a_8}{a_0^7} - \frac{400a_1^3a_4^3a_5}{a_0^7} - \frac{400a_1^3a_2a_3^5}{a_0^7} - \frac{400a_2^3a_3^3a_5}{a_0^7} + \frac{700a_1^4a_2^3a_{10}}{a_0^8} + \frac{700a_1^4a_3^3a_7}{a_0^8} + \\
& \frac{700a_1^3a_2^4a_9}{a_0^8} + \frac{700a_1^3a_3^4a_5}{a_0^8} - \frac{1120a_1^5a_3a_4^3}{a_0^9} - \frac{1120a_1^5a_2^3a_9}{a_0^9} - \frac{1120a_1^5a_3^3a_6}{a_0^9} - \frac{1120a_1^3a_2a_3^5}{a_0^9} - \\
& \frac{1120a_1^3a_2^5a_7}{a_0^9} - \frac{1120a_1a_2^5a_3^3}{a_0^9} + \frac{1680a_1^6a_2a_4^3}{a_0^{10}} + \frac{1680a_1^6a_2^3a_8}{a_0^{10}} + \frac{1680a_1^6a_3^3a_5}{a_0^{10}} + \\
& \frac{1680a_1^3a_2^6a_5}{a_0^{10}} - \frac{2400a_1^7a_2^3a_7}{a_0^{11}} - \frac{2400a_1^7a_3^3a_4}{a_0^{11}} - \frac{2400a_1^3a_2^7a_3}{a_0^{11}} + \frac{3300a_1^8a_2^3a_6}{a_0^{12}} - \\
& \frac{4400a_1^9a_2^3a_5}{a_0^{13}} - \frac{4400a_1^9a_2a_3^3}{a_0^{13}} + \frac{5720a_1^{10}a_2^3a_4}{a_0^{14}} - \frac{7280a_1^{11}a_2^3a_3}{a_0^{15}} - \frac{1400a_1^4a_2^4a_8}{a_0^9} - \\
& \frac{1400a_1^4a_3^4a_4}{a_0^9} + \frac{2520a_1^5a_2^4a_7}{a_0^{10}} + \frac{2520a_1^4a_2^5a_6}{a_0^{10}} - \frac{4200a_1^6a_2a_3^4}{a_0^{11}} - \frac{4200a_1^6a_2^4a_6}{a_0^{11}} - \\
& \frac{4200a_1^4a_2^6a_4}{a_0^{11}} + \frac{6600a_1^7a_2^4a_5}{a_0^{12}} - \frac{9900a_1^8a_2^4a_4}{a_0^{13}} + \frac{14300a_1^9a_2^4a_3}{a_0^{14}} - \frac{5040a_1^5a_2^5a_5}{a_0^{11}} + \\
& \frac{9240a_1^6a_2^5a_4}{a_0^{12}} + \frac{9240a_1^5a_2^6a_3}{a_0^{12}} - \frac{15840a_1^7a_2^5a_3}{a_0^{13}} + \frac{300a_1^2a_2^2a_7^2}{a_0^6} + \frac{300a_1^2a_3^2a_6^2}{a_n^6} + \frac{300a_1^2a_4^2a_5^2}{a_0^6} + \\
& \frac{300a_2^2a_3^2a_5^2}{a_0^6} - \frac{600a_1^7a_2^3a_6^2}{a_0^7} - \frac{600a_1^2a_3^2a_4^3}{a_0^7} + \frac{600a_2^3a_3^2a_4^2}{a_0^7} + \frac{1050a_1^2a_2^4a_5^2}{a_0^8} + \frac{1050a_1^4a_2^2a_6^2}{a_0^8} + \\
& \frac{1050a_1^4a_3^2a_5^2}{a_0^8} - \frac{1680a_1^7a_2^5a_4^2}{a_0^9} + \frac{2520a_1^6a_2^2a_5^2}{a_0^{10}} + \frac{2520a_1^6a_3^2a_4^2}{a_0^{10}} + \frac{2520a_1^2a_2^6a_3^2}{a_0^{10}} + \\
& \frac{4950a_1^8a_2^2a_4^2}{a_0^{12}} + \frac{8580a_1^{10}a_2^2a_3^2}{a_0^{14}} + \frac{1400a_1^3a_3^3a_4^2}{a_0^8} + \frac{1400a_1^2a_2^3a_3^3}{a_0^8} - \frac{2800a_1^4a_2^2a_3^3}{a_0^9} - \\
& \frac{2800a_1^4a_2^3a_5^2}{a_0^9} - \frac{2800a_1^2a_2^3a_3^4}{a_0^9} - \frac{8400a_1^6a_2^3a_n^2}{a_0^{11}} + \frac{13200a_1^7a_2^2a_3^3}{a_0^{13}} - \frac{19800a_1^8a_2^3a_3^2}{a_0^{13}} + \\
& \frac{6300a_1^4a_2^4a_4^2}{a_0^{10}} + \frac{6300a_1^4a_2^2a_3^4}{a_0^{10}} - \frac{12600a_1^4a_2^5a_3^2}{a_0^{11}} + \frac{23100a_1^6a_2^4a_3^2}{a_0^{12}} + \frac{8400a_1^3a_2^4a_3^3}{a_0^{10}} - \\
& \frac{16800a_1^5a_2^3a_3^3}{a_0^{11}} + \frac{120a_1a_2a_3a_{14}}{a_0^4} + \frac{120a_1a_2a_4a_{13}}{a_0^4} + \frac{120a_1a_2a_5a_{12}}{a_0^4} + \frac{120a_1a_2a_6a_{11}}{a_0^4} + \\
& \frac{120a_1a_2a_7a_{10}}{a_0^4} + \frac{120a_1a_2a_8a_9}{a_0^4} + \frac{120a_1a_3a_4a_{12}}{a_0^4} + \frac{120a_1a_3a_5a_{11}}{a_0^4} + \frac{120a_1a_3a_6a_{10}}{a_0^4} + \\
& \frac{120a_1a_3a_7a_9}{a_0^4} + \frac{120a_1a_4a_5a_{10}}{a_0^4} + \frac{120a_1a_4a_6a_9}{a_0^4} + \frac{120a_1a_4a_7a_8}{a_n^4} + \frac{120a_1a_5a_6a_8}{a_n^4} + \\
& \frac{120a_2a_3a_4a_{11}}{a_n^4} + \frac{120a_2a_3a_5a_{10}}{a_0^4} + \frac{120a_2a_3a_6a_9}{a_0^4} + \frac{120a_2a_3a_7a_8}{a_0^4} + \frac{120a_2a_4a_5a_9}{a_0^4} + \\
& \frac{120a_2a_4a_6a_8}{a_0^4} + \frac{120a_2a_5a_6a_7}{a_0^4} + \frac{120a_3a_4a_5a_8}{a_0^4} + \frac{120a_3a_4a_6a_7}{a_0^4} - \frac{240a_1^2a_2a_3a_{13}}{a_0^5} - \\
& \frac{240a_1^2a_2a_4a_{12}}{a_0^5} - \frac{240a_1^2a_2a_5a_{11}}{a_0^5} - \frac{240a_1^2a_2a_6a_{10}}{a_0^5} - \frac{240a_1^2a_2a_7a_9}{a_0^5} - \frac{240a_1^2a_3a_4a_{11}}{a_0^5} - \\
& \frac{240a_1^2a_3a_5a_{10}}{a_0^5} - \frac{240a_1^2a_3a_6a_9}{a_0^5} - \frac{240a_1^2a_3a_7a_8}{a_0^5} - \frac{240a_1^2a_4a_5a_9}{a_0^5} - \frac{240a_1^2a_4a_6a_8}{a_0^5} - \\
& \frac{240a_1^2a_5a_6a_7}{a_0^5} - \frac{240a_1a_2^2a_3a_{12}}{a_0^5} - \frac{240a_1a_2^2a_4a_{11}}{a_0^5} - \frac{240a_1a_2^2a_5a_{10}}{a_0^5} - \frac{240a_1a_2^2a_6a_9}{a_0^5} - \\
& \frac{240a_1a_2^2a_7a_8}{a_0^5} - \frac{240a_1a_2a_3^2a_{11}}{a_0^5} - \frac{240a_1a_2^3a_4a_9}{a_0^5} - \frac{240a_1a_2^3a_5a_8}{a_0^5} - \frac{240a_1a_2^3a_6a_7}{a_0^5} - \\
& \frac{240a_1a_2^2a_3a_6a_7}{a_0^5} - \frac{240a_1a_2a_3^2a_{11}}{a_0^5} - \frac{240a_1a_2^3a_4a_9}{a_0^5} - \frac{240a_1a_2^3a_5a_8}{a_0^5} - \frac{240a_1a_2^3a_6a_7}{a_0^5} -
\end{aligned}$$

$$\begin{aligned}
& \frac{240a_1a_2a_4^2a_9}{a_0^5} - \frac{240a_1a_3a_4^2a_8}{a_0^5} - \frac{240a_1a_4^2a_5a_6}{a_0^5} - \frac{240a_1a_2a_5^2a_7}{a_0^5} - \frac{240a_1a_3a_5^2a_6}{a_0^5} - \\
& \frac{240a_1a_2a_5a_6^2}{a_0^5} - \frac{240a_1a_3a_4a_6^2}{a_0^5} - \frac{240a_1a_2a_3a_7^2}{a_0^5} - \frac{240a_2^2a_3a_4a_9}{a_0^5} - \frac{240a_2^2a_3a_5a_8}{a_0^5} - \\
& \frac{240a_2^2a_3a_6a_7}{a_0^5} - \frac{240a_2^2a_4a_5a_7}{a_0^5} - \frac{240a_2a_3^2a_4a_8}{a_0^5} - \frac{240a_2a_3^2a_5a_7}{a_0^5} - \frac{240a_2a_3a_4^2a_7}{a_0^5} + \\
& \frac{400a_1^3a_2a_3a_{12}}{a_0^6} + \frac{400a_1^3a_2a_4a_{11}}{a_0^6} + \frac{400a_1^3a_2a_5a_{10}}{a_0^6} + \frac{400a_1^3a_2a_6a_9}{a_0^6} + \frac{400a_1^3a_2a_7a_8}{a_0^6} + \\
& \frac{400a_1^3a_3a_4a_{10}}{a_0^6} + \frac{400a_1^3a_3a_5a_9}{a_0^6} + \frac{400a_1^3a_3a_6a_8}{a_0^6} + \frac{400a_1^3a_4a_5a_8}{a_0^6} + \frac{400a_1^3a_4a_6a_7}{a_0^6} + \\
& \frac{400a_1a_2^3a_3a_{10}}{a_0^6} + \frac{400a_1a_2^3a_4a_9}{a_0^6} + \frac{400a_1a_2^3a_5a_8}{a_0^6} + \frac{400a_1a_2^3a_6a_7}{a_0^6} + \frac{400a_1a_2a_3^3a_8}{a_0^6} + \\
& \frac{400a_1a_2^3a_4a_6}{a_0^6} + \frac{400a_1a_2a_4^3a_5}{a_0^6} + \frac{400a_2^3a_3a_4a_7}{a_0^6} + \frac{400a_2^3a_3a_5a_6}{a_0^6} + \frac{400a_2a_3^3a_4a_5}{a_0^6} - \\
& \frac{600a_1^4a_2a_3a_{11}}{a_0^7} - \frac{600a_1^4a_2a_4a_{10}}{a_0^7} - \frac{600a_1^4a_2a_5a_9}{a_0^7} - \frac{600a_1^4a_2a_6a_8}{a_0^7} - \frac{600a_1^4a_3a_4a_9}{a_0^7} - \\
& \frac{600a_1^4a_3a_5a_8}{a_0^7} - \frac{600a_1^4a_3a_6a_7}{a_0^7} - \frac{600a_1^4a_4a_5a_7}{a_0^7} - \frac{600a_1a_2^4a_3a_8}{a_0^7} - \frac{600a_1a_2^4a_4a_7}{a_0^7} - \\
& \frac{600a_1a_2^4a_5a_6}{a_0^7} - \frac{600a_1a_2a_3^4a_5}{a_0^7} - \frac{600a_2^4a_3a_4a_5}{a_0^7} + \frac{840a_1^5a_2a_3a_{10}}{a_0^8} + \frac{840a_1^5a_2a_4a_9}{a_0^8} + \\
& \frac{840a_1^5a_2a_5a_8}{a_0^8} + \frac{840a_1^5a_2a_6a_7}{a_0^8} + \frac{840a_1^5a_3a_4a_8}{a_0^8} + \frac{840a_1^5a_3a_5a_7}{a_0^8} + \frac{840a_1^5a_4a_5a_6}{a_0^8} + \\
& \frac{840a_1a_2^5a_3a_6}{a_0^8} + \frac{840a_1a_2^5a_4a_5}{a_0^8} - \frac{1120a_1^6a_2a_3a_9}{a_0^9} - \frac{1120a_1^6a_2a_4a_8}{a_0^9} - \frac{1120a_1^6a_2a_5a_7}{a_0^9} - \\
& \frac{1120a_1^6a_3a_4a_7}{a_0^9} - \frac{1120a_1^6a_3a_5a_6}{a_0^9} - \frac{1120a_1a_2^6a_3a_4}{a_0^9} + \frac{1440a_1^7a_2a_3a_8}{a_0^{10}} + \frac{1440a_1^7a_2a_4a_7}{a_0^{10}} + \\
& \frac{1440a_1^7a_2a_5a_6}{a_0^{10}} + \frac{1440a_1^7a_3a_4a_6}{a_0^{10}} - \frac{1800a_1^8a_2a_3a_7}{a_0^{11}} - \frac{1800a_1^8a_2a_4a_6}{a_0^{11}} - \frac{1800a_1^8a_3a_4a_5}{a_0^{11}} + \\
& \frac{2200a_1^9a_2a_3a_6}{a_0^{12}} + \frac{2200a_1^9a_2a_4a_5}{a_0^{12}} - \frac{2640a_1^{10}a_2a_3a_5}{a_0^{13}} + \frac{3120a_1^{11}a_2a_3a_4}{a_0^{14}} + \frac{600a_1^2a_2^2a_3a_{11}}{a_0^6} + \\
& \frac{600a_1^2a_2^2a_4a_{10}}{a_0^6} + \frac{600a_1^2a_2^2a_5a_9}{a_0^6} + \frac{600a_1^2a_2^2a_6a_8}{a_0^6} + \frac{600a_1^2a_2a_3^2a_{10}}{a_0^6} + \frac{600a_1^2a_2^3a_4a_8}{a_0^6} + \\
& \frac{600a_1^2a_3^2a_5a_7}{a_0^6} + \frac{600a_1^2a_2a_4^2a_8}{a_0^6} + \frac{600a_1^2a_3a_4^2a_7}{a_0^6} + \frac{600a_1^2a_2a_5^2a_6}{a_0^6} + \frac{600a_1^2a_2a_4a_6^2}{a_0^6} + \\
& \frac{600a_1a_2^2a_3^2a_9}{a_0^6} + \frac{600a_1a_2^2a_4^2a_7}{a_0^6} + \frac{600a_1a_2^2a_3a_6^2}{a_0^6} + \frac{600a_1a_2^3a_4^2a_5}{a_0^6} + \frac{600a_2^2a_3^2a_4a_6}{a_0^6} + \\
& \frac{600a_2^2a_3a_4^2a_5}{a_0^6} - \frac{1200a_1^3a_2^2a_3a_{10}}{a_0^7} - \frac{1200a_1^3a_2^2a_4a_9}{a_0^7} - \frac{1200a_1^3a_2^2a_5a_8}{a_0^7} - \frac{1200a_1^3a_2^2a_6a_7}{a_0^7} - \\
& \frac{1200a_1^3a_2a_3^2a_9}{a_0^7} - \frac{1200a_1^3a_2^3a_4a_7}{a_0^7} - \frac{1200a_1^3a_2^3a_5a_6}{a_0^7} - \frac{1200a_1^3a_2a_4^2a_7}{a_0^7} - \frac{1200a_1^3a_3a_4^2a_6}{a_0^7} - \\
& \frac{1200a_1^3a_3a_4a_5^2}{a_0^7} - \frac{1200a_1^3a_2a_3a_6^2}{a_0^7} - \frac{1200a_1^2a_2^3a_3a_9}{a_0^7} - \frac{1200a_1^2a_2^3a_4a_8}{a_0^7} - \frac{1200a_1^2a_2^3a_5a_7}{a_0^7} - \\
& \frac{1200a_1^2a_2a_3^3a_7}{a_0^7} - \frac{1200a_1^2a_3^3a_4a_5}{a_0^7} - \frac{1200a_1a_2^3a_3^2a_7}{a_0^7} - \frac{1200a_1a_2^3a_4^2a_5}{a_0^7} - \frac{1200a_1a_2^2a_3^3a_6}{a_0^7} - \\
& \frac{1200a_1a_2^2a_3a_3^3}{a_0^7} - \frac{12000a_1a_2^3a_3a_5^2}{a_0^7} - \frac{12000a_1a_2a_3^3a_4^2}{a_0^7} + \frac{2100a_1^4a_2^2a_3a_9}{a_0^8} + \frac{2100a_1^4a_2^2a_4a_8}{a_0^8} + \\
& \frac{2100a_1^4a_2^2a_5a_7}{a_0^8} + \frac{2100a_1^4a_2a_3^2a_8}{a_0^8} + \frac{2100a_1^4a_3^2a_4a_6}{a_0^8} + \frac{2100a_1^4a_2a_4^2a_6}{a_0^8} + \frac{2100a_1^4a_3a_4^2a_5}{a_0^8} + \\
& \frac{2100a_1^4a_2^2a_3a_4^2}{a_0^8} + \frac{2100a_1^4a_2^2a_3a_4^2}{a_0^8} + \frac{2100a_1^4a_2^2a_3a_4^2}{a_0^8} + \frac{2100a_1^4a_2^2a_3a_4^2}{a_0^8} + \frac{2100a_1^4a_2^2a_3a_4^2}{a_0^8} +
\end{aligned}$$

$$\begin{aligned}
& \frac{2100a_1^4a_2a_4a_5^2}{a_0^8} + \frac{2100a_1^2a_2^4a_3a_7}{a_0^8} + \frac{2100a_1^2a_2^4a_4a_6}{a_0^8} + \frac{2100a_1^2a_2a_3^4a_4}{a_0^8} + \frac{2100a_1a_2^4a_3^2a_5}{a_0^8} + \\
& \frac{2100a_1a_2^4a_3a_4^2}{a_0^8} - \frac{3360a_1^5a_2^2a_3a_8}{a_0^9} - \frac{3360a_1^5a_2^2a_4a_7}{a_0^9} - \frac{3360a_1^5a_2^2a_5a_6}{a_0^9} - \frac{3360a_1^5a_2a_3^2a_7}{a_0^9} - \\
& \frac{3360a_1^5a_2^3a_4a_5}{a_0^9} - \frac{3360a_1^5a_2a_4^2a_5}{a_0^9} - \frac{3360a_1^5a_2a_3a_5^2}{a_0^9} - \frac{3360a_1^2a_2^5a_3a_5}{a_0^9} + \frac{5040a_1^6a_2^2a_3a_7}{a_0^{10}} + \\
& \frac{5040a_1^6a_2^2a_4a_6}{a_0^{10}} + \frac{5040a_1^6a_2a_3^2a_6}{a_0^{10}} - \frac{7200a_1^7a_2^2a_3a_6}{a_0^{11}} - \frac{7200a_1^7a_2^2a_4a_5}{a_0^{11}} - \frac{7200a_1^7a_2a_3^2a_5}{a_0^{11}} - \\
& \frac{7200a_1^7a_2a_3a_4^2}{a_0^{11}} + \frac{9900a_1^8a_2^2a_3a_5}{a_0^{12}} + \frac{9900a_1^8a_2a_3^2a_4}{a_0^{12}} - \frac{13200a_1^9a_2^2a_3a_4}{a_0^{13}} + \frac{2800a_1^3a_2^3a_3a_8}{a_0^8} + \\
& \frac{2800a_1^3a_2^3a_4a_7}{a_0^8} + \frac{2800a_1^3a_2^3a_5a_6}{a_0^8} + \frac{2800a_1^3a_2a_3^3a_6}{a_0^8} + \frac{2800a_1^3a_2a_3a_4^3}{a_0^8} + \frac{2800a_1a_2^3a_3^3a_4}{a_0^8} - \\
& \frac{5600a_1^4a_2^3a_3a_7}{a_0^9} - \frac{5600a_1^4a_2^3a_4a_6}{a_0^9} - \frac{5600a_1^4a_2a_3^3a_5}{a_0^9} - \frac{5600a_1^3a_2^4a_3a_6}{a_0^9} - \frac{5600a_1^3a_2^4a_4a_5}{a_0^9} + \\
& \frac{10080a_1^5a_2^3a_3a_6}{a_0^{10}} + \frac{10080a_1^5a_2^3a_4a_5}{a_0^{10}} + \frac{10080a_1^5a_2a_3^3a_4}{a_0^{10}} + \frac{10080a_1^3a_2^5a_3a_4}{a_0^{10}} - \\
& \frac{16800a_1^6a_2^3a_3a_5}{a_0^{11}} + \frac{26400a_1^7a_2^3a_3a_4}{a_0^{12}} + \frac{12600a_1^4a_2^4a_3a_5}{a_0^{10}} - \frac{25200a_1^5a_2^4a_3a_4}{a_0^{11}} - \\
& \frac{1800a_1^2a_2^2a_3^2a_8}{a_0^7} - \frac{1800a_1^2a_2^2a_4^2a_6}{a_0^7} - \frac{1800a_1^2a_2^2a_4a_5^2}{a_0^7} - \frac{1800a_1^2a_2a_3^2a_5^2}{a_0^7} + \frac{4200a_1^3a_2^2a_3^2a_7}{a_0^8} + \\
& \frac{4200a_1^3a_2^2a_4^2a_5}{a_0^8} + \frac{4200a_1^3a_2^2a_3a_5^2}{a_0^8} + \frac{4200a_1^2a_2^3a_3^2a_6}{a_0^8} + \frac{4200a_1^2a_2^2a_3^3a_5}{a_0^8} - \frac{8400a_1^4a_2^2a_3^2a_6}{a_0^9} - \\
& \frac{8400a_1^4a_2a_3^2a_4^2}{a_0^9} - \frac{8400a_1^2a_2^4a_3^2a_4}{a_0^9} + \frac{15120a_1^5a_2^2a_3^2a_5}{a_0^{10}} + \frac{15120a_1^5a_2^2a_3a_4^2}{a_0^{10}} - \\
& \frac{25200a_1^6a_2^2a_3^2a_4}{a_0^{11}} - \frac{11200a_1^3a_2^3a_3^2a_5}{a_0^9} - \frac{11200a_1^3a_2^3a_3a_4^2}{a_0^9} - \frac{11200a_1^3a_2^2a_3^3a_4}{a_0^9} + \\
& \frac{25200a_1^4a_2^3a_3^2a_4}{a_0^{10}} + \frac{6300a_1^2a_2^2a_3^2a_4^2}{a_0^8} - \frac{480a_1a_2a_3a_4a_{10}}{a_0^5} - \frac{480a_1a_2a_3a_5a_9}{a_0^5} - \\
& \frac{480a_1a_2a_3a_6a_8}{a_0^5} - \frac{480a_1a_2a_4a_5a_8}{a_0^5} - \frac{480a_1a_2a_4a_6a_7}{a_0^5} - \frac{480a_1a_3a_4a_5a_7}{a_0^5} - \\
& \frac{480a_2a_3a_4a_5a_6}{a_0^5} + \frac{1200a_1^2a_2a_3a_4a_9}{a_0^6} + \frac{1200a_1^2a_2a_3a_5a_8}{a_0^6} + \frac{1200a_1^2a_2a_3a_6a_7}{a_0^6} + \\
& \frac{1200a_1^2a_2a_4a_5a_7}{a_0^6} + \frac{1200a_1^2a_3a_4a_5a_6}{a_0^6} + \frac{1200a_1a_2^2a_3a_4a_8}{a_0^6} + \frac{1200a_1a_2^2a_3a_5a_7}{a_0^6} + \\
& \frac{1200a_1a_2^2a_4a_5a_6}{a_0^6} + \frac{1200a_1a_2a_2^2a_4a_7}{a_0^6} + \frac{1200a_1a_2a_3^2a_5a_6}{a_0^6} + \frac{1200a_1a_2a_3a_4^2a_6}{a_0^6} + \\
& \frac{1200a_1a_2a_3a_4a_5^2}{a_0^6} - \frac{2400a_1^3a_2a_3a_4a_8}{a_0^7} - \frac{2400a_1^3a_2a_3a_5a_7}{a_0^7} - \frac{2400a_1^3a_2a_4a_5a_6}{a_0^7} - \\
& \frac{2400a_1a_2^3a_3a_4a_6}{a_0^7} + \frac{4200a_1^4a_2a_3a_4a_7}{a_0^8} + \frac{4200a_1^4a_2a_3a_5a_6}{a_0^8} - \frac{6720a_1^5a_2a_3a_4a_6}{a_0^9} + \\
& \frac{10080a_1^6a_2a_3a_4a_5}{a_0^{10}} - \frac{3600a_1^2a_2^2a_3a_4a_7}{a_0^7} - \frac{3600a_1^2a_2^2a_3a_5a_6}{a_0^7} - \frac{3600a_1^2a_2a_3^2a_4a_6}{a_0^7} - \\
& \frac{3600a_1^2a_2a_3a_4^2a_5}{a_0^7} - \frac{3600a_1a_2^2a_3^2a_4a_5}{a_0^7} + \frac{8400a_1^3a_2^2a_3a_4a_6}{a_0^8} + \frac{8400a_1^3a_2a_3^2a_4a_5}{a_0^8} + \\
& \frac{8400a_1^2a_2^3a_3a_4a_5}{a_0^8} - \frac{16800a_1^4a_2^2a_3a_4a_5}{a_0^9}
\end{aligned}$$