

{[n,q,k]}	Generator Polynomial	Weight Numerator	{Avg Wt,Std}
{[11, 2, 0]}	0	$\frac{1}{2048} z^{11} + \frac{11}{2048} z^{10} + \frac{55}{2048} z^9 + \frac{165}{2048} z^8$ $+ \frac{165}{1024} z^7 + \frac{231}{1024} z^6 + \frac{231}{1024} z^5 + \frac{165}{1024} z^4$ $+ \frac{165}{2048} z^3 + \frac{55}{2048} z^2 + \frac{11}{2048} z + \frac{1}{2048}$	$\left\{ \left[\frac{11}{2}, \frac{\sqrt{11}}{2} \right] \right\}$
{[12, 2, 1]}	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{12} + 1$	{[6, 6]}
{[14, 2, 3]}	$x^{11} + x^9 + x^8 + x^7 + x^4 + x^2 + x + 1$	$7 z^8 + 1$	{[7, $\sqrt{7}$]}
{[14, 2, 3]}	$x^{11} + x^{10} + x^9 + x^7 + x^4 + x^3 + x^2 + 1$	$7 z^8 + 1$	{[7, $\sqrt{7}$]}
{[15, 2, 4]}	$x^{11} + x^8 + x^7 + x^5 + x^3 + x^2 + x + 1$	$15 z^8 + 1$	$\left\{ \left[\frac{15}{2}, \frac{\sqrt{15}}{2} \right] \right\}$
{[15, 2, 4]}	$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^4 + x^3 + 1$	$15 z^8 + 1$	$\left\{ \left[\frac{15}{2}, \frac{\sqrt{15}}{2} \right] \right\}$
{[15, 2, 4]}	$x^{11} + x^{10} + x^6 + x^5 + x + 1$	$5 z^{12} + 10 z^6 + 1$	$\left\{ \left[\frac{15}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
{[16, 2, 5]}	$x^{11} + x^{10} + x^9 + x^8 + x^3 + x^2 + x + 1$	$z^{16} + 4 z^{12} + 22 z^8 + 4 z^4 + 1$	{[8, $2\sqrt{2}$]}
{[18, 2, 7]}	$x^{11} + x^{10} + x^9 + x^2 + x + 1$	$z^{18} + 9 z^{14} + 27 z^{12} + 27 z^{10} + 27 z^8 + 27 z^6 + 9 z^4 + 1$	{[9, 3]}
{[20, 2, 9]}	$x^{11} + x^{10} + x + 1$	$z^{20} + 45 z^{16} + 210 z^{12} + 210 z^8 + 45 z^4 + 1$	{[10, $\sqrt{10}$]}
{[21, 2, 10]}	$x^{11} + x^8 + x^7 + x^2 + 1$	$z^{21} + 21 z^{16} + 210 z^{13} + 280 z^{12} + 280 z^9 + 210 z^8 + 21 z^5$ $+ 1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
{[21, 2, 10]}	$x^{11} + x^9 + x^4 + x^3 + 1$	$z^{21} + 21 z^{16} + 210 z^{13} + 280 z^{12} + 280 z^9 + 210 z^8 + 21 z^5$ $+ 1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
{[21, 2, 10]}	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^2 + x + 1$	$z^{21} + 21 z^{17} + 147 z^{13} + 343 z^{12} + 343 z^9 + 147 z^8 + 21 z^4$ $+ 1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
{[21, 2, 10]}	$x^{11} + x^{10} + x^9 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{21} + 21 z^{17} + 147 z^{13} + 343 z^{12} + 343 z^9 + 147 z^8 + 21 z^4$ $+ 1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$

$\{[22, 2, 11]\}$	$x^{11} + 1$	$z^{22} + 11z^{20} + 55z^{18} + 165z^{16} + 330z^{14} + 462z^{12} + 462z^{10} + 330z^8 + 165z^6 + 55z^4 + 11z^2 + 1$	$\{[11, \sqrt{11}]\}$
$\{[23, 2, 12]\}$	$x^{11} + x^9 + x^7 + x^6 + x^5 + x + 1$	$z^{23} + 253z^{16} + 506z^{15} + 1288z^{12} + 1288z^{11} + 506z^8 + 253z^7 + 1$	$\left\{\left[\frac{23}{2}, \frac{\sqrt{23}}{2}\right]\right\}$
$\{[23, 2, 12]\}$	$x^{11} + x^{10} + x^6 + x^5 + x^4 + x^2 + 1$	$z^{23} + 253z^{16} + 506z^{15} + 1288z^{12} + 1288z^{11} + 506z^8 + 253z^7 + 1$	$\left\{\left[\frac{23}{2}, \frac{\sqrt{23}}{2}\right]\right\}$
$\{[24, 2, 13]\}$	$x^{11} + x^8 + x^7 + x^4 + x^3 + 1$	$z^{24} + 18z^{20} + 160z^{18} + 687z^{16} + 1632z^{14} + 3196z^{12} + 1632z^{10} + 687z^8 + 160z^6 + 18z^4 + 1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 13]\}$	$x^{11} + x^9 + x^8 + x^6 + x^5 + x^3 + x^2 + 1$	$z^{24} + 66z^{20} + 879z^{16} + 1536z^{14} + 3228z^{12} + 1536z^{10} + 879z^8 + 66z^4 + 1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 13]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{24} + 12z^{22} + 66z^{20} + 220z^{18} + 495z^{16} + 792z^{14} + 5020z^{12} + 792z^{10} + 495z^8 + 220z^6 + 66z^4 + 12z^2 + 1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 13]\}$	$x^{11} + x^{10} + x^7 + x^6 + x^5 + x^4 + x + 1$	$z^{24} + 36z^{20} + 48z^{18} + 807z^{16} + 1872z^{14} + 2664z^{12} + 1872z^{10} + 807z^8 + 48z^6 + 36z^4 + 1$	$\{[12, \sqrt{6}]\}$
$\{[28, 2, 17]\}$	$x^{11} + x^8 + x^6 + x^5 + x^4 + x^3 + x + 1$	$z^{28} + 35z^{24} + 336z^{22} + 2961z^{20} + 12992z^{18} + 29771z^{16} + 38880z^{14} + 29771z^{12} + 12992z^{10} + 2961z^8 + 336z^6 + 35z^4 + 1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 17]\}$	$x^{11} + x^9 + x^8 + x^7 + x^4 + x^2 + x + 1$	$z^{28} + 14z^{26} + 91z^{24} + 364z^{22} + 2793z^{20} + 12754z^{18} + 29883z^{16} + 39272z^{14} + 29883z^{12} + 12754z^{10} + 2793z^8 + 364z^6 + 91z^4 + 14z^2 + 1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 17]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^4 + x^3 + x^2 + 1$	$z^{28} + 14z^{26} + 91z^{24} + 364z^{22} + 2793z^{20} + 12754z^{18} + 29883z^{16} + 39272z^{14} + 29883z^{12} + 12754z^{10} + 2793z^8 + 364z^6 + 91z^4 + 14z^2 + 1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 17]\}$	$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^3 + 1$	$z^{28} + 35z^{24} + 336z^{22} + 2961z^{20} + 12992z^{18} + 29771z^{16} + 38880z^{14} + 29771z^{12} + 12992z^{10} + 2961z^8 + 336z^6 + 35z^4 + 1$	$\{[14, \sqrt{7}]\}$
$\{[30, 2, 19]\}$	$x^{11} + x^8 + x^5 + x^3 + x^2 + 1$	$z^{30} + 30z^{26} + 525z^{24} + 5835z^{22} + 29358z^{20} + 84180z^{18} + 142215z^{16} + 142215z^{14} + 84180z^{12}$	

		$+29358 z^{10} + 5835 z^8 + 525 z^6 + 30 z^4 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 19]\}$	$x^{11} + x^8 + x^7 + x^5 + x^3 + x^2 + x + 1$	$z^{30} + 15 z^{28} + 105 z^{26} + 455 z^{24} + 5205 z^{22} + 29883 z^{20} + 85645 z^{18} + 140835 z^{16} + 140835 z^{14} + 85645 z^{12} + 29883 z^{10} + 5205 z^8 + 455 z^6 + 105 z^4 + 15 z^2 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 19]\}$	$x^{11} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + 1$	$z^{30} + 135 z^{26} + 720 z^{24} + 4410 z^{22} + 29883 z^{20} + 87630 z^{18} + 139365 z^{16} + 139365 z^{14} + 87630 z^{12} + 29883 z^{10} + 4410 z^8 + 720 z^6 + 135 z^4 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 19]\}$	$x^{11} + x^9 + x^8 + x^6 + x^3 + 1$	$z^{30} + 30 z^{26} + 525 z^{24} + 5835 z^{22} + 29358 z^{20} + 84180 z^{18} + 142215 z^{16} + 142215 z^{14} + 84180 z^{12} + 29358 z^{10} + 5835 z^8 + 525 z^6 + 30 z^4 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 19]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^4 + x^3 + 1$	$z^{30} + 15 z^{28} + 105 z^{26} + 455 z^{24} + 5205 z^{22} + 29883 z^{20} + 85645 z^{18} + 140835 z^{16} + 140835 z^{14} + 85645 z^{12} + 29883 z^{10} + 5205 z^8 + 455 z^6 + 105 z^4 + 15 z^2 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 19]\}$	$x^{11} + x^{10} + x^6 + x^5 + x + 1$	$z^{30} + 15 z^{28} + 105 z^{26} + 1095 z^{24} + 7125 z^{22} + 26043 z^{20} + 79245 z^{18} + 148515 z^{16} + 148515 z^{14} + 79245 z^{12} + 26043 z^{10} + 7125 z^8 + 1095 z^6 + 105 z^4 + 15 z^2 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^6 + x^5 + x^2 + x + 1$	$186 z^{26} + 2635 z^{24} + 18910 z^{22} + 85560 z^{20} + 195300 z^{18} + 301971 z^{16} + 251100 z^{14} + 142600 z^{12} + 41602 z^{10} + 7905 z^8 + 806 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^7 + x^6 + x^4 + x^3 + 1$	$186 z^{26} + 2635 z^{24} + 18910 z^{22} + 85560 z^{20} + 195300 z^{18} + 301971 z^{16} + 251100 z^{14} + 142600 z^{12} + 41602 z^{10} + 7905 z^8 + 806 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^8 + x^7 + x^5 + x^4 + x^3 + x + 1$	$186 z^{26} + 2635 z^{24} + 18910 z^{22} + 85560 z^{20} + 195300 z^{18} + 301971 z^{16} + 251100 z^{14} + 142600 z^{12} + 41602 z^{10} + 7905 z^8 + 806 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^8 + x^7 + x^5 + x^4 + 1$	$186 z^{26} + 2635 z^{24} + 18910 z^{22} + 85560 z^{20} + 195300 z^{18} + 301971 z^{16} + 251100 z^{14} + 142600 z^{12} + 41602 z^{10} + 7905 z^8 + 806 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$

$\{[31, 2, 20]\}$	$x^{11} + x^9 + x^7 + x^4 + x^3 + x^2 + x + 1$	$186 z^{26} + 2635 z^{24} + 18910 z^{22} + 85560 z^{20}$ $+ 195300 z^{18} + 301971 z^{16} + 251100 z^{14}$ $+ 142600 z^{12} + 41602 z^{10} + 7905 z^8 + 806 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^9 + x^5 + x^3 + x + 1$	$186 z^{26} + 2635 z^{24} + 18910 z^{22} + 85560 z^{20}$ $+ 195300 z^{18} + 301971 z^{16} + 251100 z^{14}$ $+ 142600 z^{12} + 41602 z^{10} + 7905 z^8 + 806 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^9 + x^4 + x^3 + x^2 + 1$	$186 z^{26} + 2635 z^{24} + 18910 z^{22} + 85560 z^{20}$ $+ 195300 z^{18} + 301971 z^{16} + 251100 z^{14}$ $+ 142600 z^{12} + 41602 z^{10} + 7905 z^8 + 806 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^9 + x^8 + x^7 + x^2 + 1$	$186 z^{26} + 2635 z^{24} + 18910 z^{22} + 85560 z^{20}$ $+ 195300 z^{18} + 301971 z^{16} + 251100 z^{14}$ $+ 142600 z^{12} + 41602 z^{10} + 7905 z^8 + 806 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^9 + x^8 + x^3 + x^2 + 1$	$217 z^{26} + 2325 z^{24} + 20305 z^{22} + 81840 z^{20}$ $+ 201810 z^{18} + 294159 z^{16} + 257610 z^{14}$ $+ 138880 z^{12} + 42997 z^{10} + 7595 z^8 + 837 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^4 + x^2 + 1$	$186 z^{26} + 2635 z^{24} + 18910 z^{22} + 85560 z^{20}$ $+ 195300 z^{18} + 301971 z^{16} + 251100 z^{14}$ $+ 142600 z^{12} + 41602 z^{10} + 7905 z^8 + 806 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^6 + x^5 + x^4 + x^2 + x + 1$	$217 z^{26} + 2325 z^{24} + 20305 z^{22} + 81840 z^{20}$ $+ 201810 z^{18} + 294159 z^{16} + 257610 z^{14}$ $+ 138880 z^{12} + 42997 z^{10} + 7595 z^8 + 837 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^{10} + x^9 + x^6 + x^5 + 1$	$186 z^{26} + 2635 z^{24} + 18910 z^{22} + 85560 z^{20}$ $+ 195300 z^{18} + 301971 z^{16} + 251100 z^{14}$ $+ 142600 z^{12} + 41602 z^{10} + 7905 z^8 + 806 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^4 + x^3 + 1$	$186 z^{26} + 2635 z^{24} + 18910 z^{22} + 85560 z^{20}$ $+ 195300 z^{18} + 301971 z^{16} + 251100 z^{14}$ $+ 142600 z^{12} + 41602 z^{10} + 7905 z^8 + 806 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 20]\}$	$x^{11} + x^{10} + x^8 + x^6 + x^2 + 1$	$186 z^{26} + 2635 z^{24} + 18910 z^{22} + 85560 z^{20}$ $+ 195300 z^{18} + 301971 z^{16} + 251100 z^{14}$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$

		$+142600 z^{12} + 41602 z^{10} + 7905 z^8 + 806 z^6 + 1$	
$\{[31, 2, 20]\}$	$x^{11} + x^{10} + x^7 + x^4 + x + 1$	$217 z^{26} + 2325 z^{24} + 20305 z^{22} + 81840 z^{20}$ $+ 201810 z^{18} + 294159 z^{16} + 257610 z^{14}$ $+ 138880 z^{12} + 42997 z^{10} + 7595 z^8 + 837 z^6 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[32, 2, 21]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^3 + x^2 + x + 1$	$z^{32} + 16 z^{30} + 184 z^{28} + 1328 z^{26} + 11676 z^{24}$ $+ 63504 z^{22} + 213768 z^{20} + 443056 z^{18}$ $+ 630086 z^{16} + 443056 z^{14} + 213768 z^{12}$ $+ 63504 z^{10} + 11676 z^8 + 1328 z^6 + 184 z^4 + 16 z^2 + 1$	$\{[16, 2\sqrt{2}]\}$
$\{[33, 2, 22]\}$	$x^{11} + 1$	$177147 z^{22} + 649539 z^{20} + 1082565 z^{18} + 1082565 z^{16}$ $+ 721710 z^{14} + 336798 z^{12} + 112266 z^{10}$ $+ 26730 z^8 + 4455 z^6 + 495 z^4 + 33 z^2 + 1$	$\left\{ \left[\frac{33}{2}, \frac{\sqrt{33}}{2} \right] \right\}$
$\{[33, 2, 22]\}$	$x^{11} + x^9 + x^6 + x^5 + x^2 + 1$	$11 z^{30} + 165 z^{28} + 4521 z^{26} + 36630 z^{24} + 190842 z^{22}$ $+ 557898 z^{20} + 1013298 z^{18} + 1140777 z^{16}$ $+ 797775 z^{14} + 347457 z^{12} + 90453 z^{10} + 13200 z^8$ $+ 1276 z^6 + 1$	$\left\{ \left[\frac{33}{2}, \frac{\sqrt{33}}{2} \right] \right\}$
$\{[33, 2, 22]\}$	$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x + 1$	$11 z^{30} + 165 z^{28} + 4521 z^{26} + 36630 z^{24} + 190842 z^{22}$ $+ 557898 z^{20} + 1013298 z^{18} + 1140777 z^{16}$ $+ 797775 z^{14} + 347457 z^{12} + 90453 z^{10} + 13200 z^8$ $+ 1276 z^6 + 1$	$\left\{ \left[\frac{33}{2}, \frac{\sqrt{33}}{2} \right] \right\}$
$\{[35, 2, 24]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^4 + x^3 + x^2 + x + 1$	$4200 z^{28} + 71540 z^{26} + 412265 z^{24} + 1449700 z^{22}$ $+ 3153570 z^{20} + 4412520 z^{18} + 3993535 z^{16}$ $+ 2275560 z^{14} + 801220 z^{12} + 175140 z^{10}$ $+ 25655 z^8 + 2100 z^6 + 210 z^4 + 1$	$\left\{ \left[\frac{35}{2}, \frac{\sqrt{35}}{2} \right] \right\}$
$\{[36, 2, 25]\}$	$x^{11} + x^9 + x^2 + 1$	$z^{36} + 441 z^{32} + 4032 z^{30} + 45396 z^{28} + 266112 z^{26}$ $+ 1204644 z^{24} + 3544128 z^{22} + 7170894 z^{20}$ $+ 9083136 z^{18} + 7170894 z^{16} + 3544128 z^{14}$ $+ 1204644 z^{12} + 266112 z^{10} + 45396 z^8 + 4032 z^6$ $+ 441 z^4 + 1$	$\{[18, 3]\}$
		$z^{36} + 36 z^{34} + 594 z^{32} + 5940 z^{30} + 40095 z^{28}$	

$\{[36, 2, 25]\}$	$x^{11}+x^{10}+x^9+x^8+x^7+x^6+x^5+x^4+x^3+x^2+x+1$	$+192456 z^{26}+1205037 z^{24}+3857868 z^{22}$ $+7144929 z^{20}+8660520 z^{18}+7144929 z^{16}$ $+3857868 z^{14}+1205037 z^{12}+192456 z^{10}$ $+40095 z^8+5940 z^6+594 z^4+36 z^2+1$	$\{[18, 3]\}$
$\{[36, 2, 25]\}$	$x^{11}+x^{10}+x^9+x^2+x+1$	$z^{36}+18 z^{34}+297 z^{32}+4560 z^{30}+43812 z^{28}$ $+271800 z^{26}+1185684 z^{24}+3590064 z^{22}$ $+7093278 z^{20}+9175404 z^{18}+7093278 z^{16}$ $+3590064 z^{14}+1185684 z^{12}+271800 z^{10}$ $+43812 z^8+4560 z^6+297 z^4+18 z^2+1$	$\{[18, 3]\}$
$\{[40, 2, 29]\}$	$x^{11}+x^9+x^7+x^6+x^5+x^4+x^2+1$	$z^{40}+280 z^{36}+3360 z^{34}+76445 z^{32}+816480 z^{30}$ $+5490240 z^{28}+22618400 z^{26}+61396450 z^{24}$ $+110746720 z^{22}+134574160 z^{20}$ $+110746720 z^{18}+61396450 z^{16}+22618400 z^{14}$ $+5490240 z^{12}+816480 z^{10}+76445 z^8+3360 z^6$ $+280 z^4+1$	$\{[20, \sqrt{10}]\}$
$\{[40, 2, 29]\}$	$x^{11}+x^{10}+x+1$	$z^{40}+20 z^{38}+910 z^{36}+12660 z^{34}+145005 z^{32}$ $+1063824 z^{30}+5757480 z^{28}+21930960 z^{26}$ $+59536530 z^{24}+110948120 z^{22}+138079892 z^{20}$ $+110948120 z^{18}+59536530 z^{16}+21930960 z^{14}$ $+5757480 z^{12}+1063824 z^{10}+145005 z^8$ $+12660 z^6+910 z^4+20 z^2+1$	$\{[20, \sqrt{10}]\}$
$\{[42, 2, 31]\}$	$x^{11}+x^6+x^5+x^3+x^2+x+1$	$z^{42}+273 z^{38}+3465 z^{36}+8736 z^{35}+65604 z^{34}$ $+204288 z^{33}+742665 z^{32}+2101344 z^{31}$ $+5308884 z^{30}+12569088 z^{29}+25723428 z^{28}$ $+48177696 z^{27}+81533886 z^{26}+124045824 z^{25}$ $+172878580 z^{24}+218082144 z^{23}$ $+250614126 z^{22}+263363584 z^{21}$ $+250614126 z^{20}+218082144 z^{19}$ $+172878580 z^{18}+124045824 z^{17}+81533886 z^{16}$ $+48177696 z^{15}+25723428 z^{14}+12569088 z^{13}$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$

		$+5308884 z^{12} + 2101344 z^{11} + 742665 z^{10}$ $+204288 z^9 + 65604 z^8 + 8736 z^7 + 3465 z^6$ $+273 z^4 + 1$	
$\{[42, 2, 31]\}$	$x^{11} + x^8 + x^7 + x^2 + 1$	$z^{42} + 21 z^{40} + 210 z^{38} + 672 z^{37} + 1330 z^{36} + 10752 z^{35}$ $+ 59745 z^{34} + 224000 z^{33} + 719229 z^{32}$ $+ 2096640 z^{31} + 5394424 z^{30} + 12405120 z^{29}$ $+ 25813560 z^{28} + 48237056 z^{27} + 81305826 z^{26}$ $+ 124513536 z^{25} + 172702250 z^{24}$ $+ 217566720 z^{23} + 250874316 z^{22}$ $+ 263632832 z^{21} + 250874316 z^{20}$ $+ 217566720 z^{19} + 172702250 z^{18}$ $+ 124513536 z^{17} + 81305826 z^{16} + 48237056 z^{15}$ $+ 25813560 z^{14} + 12405120 z^{13} + 5394424 z^{12}$ $+ 2096640 z^{11} + 719229 z^{10} + 224000 z^9$ $+ 59745 z^8 + 10752 z^7 + 1330 z^6 + 672 z^5 + 210 z^4$ $+ 21 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 31]\}$	$x^{11} + x^9 + x^7 + x^4 + x^2 + 1$	$z^{42} + 315 z^{38} + 7987 z^{36} + 133140 z^{34} + 1463385 z^{32}$ $+ 10671276 z^{30} + 51410940 z^{28} + 162993390 z^{26}$ $+ 345928100 z^{24} + 501133290 z^{22}$ $+ 501133290 z^{20} + 345928100 z^{18}$ $+ 162993390 z^{16} + 51410940 z^{14} + 10671276 z^{12}$ $+ 1463385 z^{10} + 133140 z^8 + 7987 z^6 + 315 z^4 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 31]\}$	$x^{11} + x^9 + x^5 + x^3 + x^2 + 1$	$21 z^{40} + 168 z^{38} + 8890 z^{36} + 112224 z^{34} + 1421469 z^{32}$ $+ 10742144 z^{30} + 51872760 z^{28} + 162456672 z^{26}$ $+ 345130058 z^{24} + 501905040 z^{22}$ $+ 502257756 z^{20} + 344836128 z^{18}$ $+ 162660162 z^{16} + 51756480 z^{14} + 10796408 z^{12}$ $+ 1401120 z^{10} + 118209 z^8 + 7560 z^6 + 378 z^4 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
		$z^{42} + 21 z^{40} + 210 z^{38} + 672 z^{37} + 1330 z^{36} + 10752 z^{35}$ $+ 59745 z^{34} + 224000 z^{33} + 719229 z^{32}$	

$\{[42, 2, 31]\}$	$x^{11} + x^9 + x^4 + x^3 + 1$	$+2096640 z^{31} + 5394424 z^{30} + 12405120 z^{29}$ $+25813560 z^{28} + 48237056 z^{27} + 81305826 z^{26}$ $+124513536 z^{25} + 172702250 z^{24}$ $+217566720 z^{23} + 250874316 z^{22}$ $+263632832 z^{21} + 250874316 z^{20}$ $+217566720 z^{19} + 172702250 z^{18}$ $+124513536 z^{17} + 81305826 z^{16} + 48237056 z^{15}$ $+25813560 z^{14} + 12405120 z^{13} + 5394424 z^{12}$ $+2096640 z^{11} + 719229 z^{10} + 224000 z^9$ $+59745 z^8 + 10752 z^7 + 1330 z^6 + 672 z^5 + 210 z^4$ $+21 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 31]\}$	$x^{11} + x^9 + x^8 + x^7 + x^4 + x^2 + x + 1$	$5103 z^{36} + 132678 z^{34} + 1539405 z^{32} + 10495548 z^{30}$ $+51383376 z^{28} + 163465092 z^{26} + 345586696 z^{24}$ $+500717868 z^{22} + 501745734 z^{20}$ $+345912336 z^{18} + 162682506 z^{16} + 51507252 z^{14}$ $+10736712 z^{12} + 1435644 z^{10} + 127008 z^8$ $+9828 z^6 + 819 z^4 + 42 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 31]\}$	$x^{11} + x^9 + x^8 + x^4 + x + 1$	$z^{42} + 231 z^{38} + 3871 z^{36} + 120372 z^{34} + 1426425 z^{32}$ $+10808252 z^{30} + 51627660 z^{28} + 162578766 z^{26}$ $+345442692 z^{24} + 501733554 z^{22}$ $+501733554 z^{20} + 345442692 z^{18}$ $+162578766 z^{16} + 51627660 z^{14} + 10808252 z^{12}$ $+1426425 z^{10} + 120372 z^8 + 3871 z^6 + 231 z^4 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 31]\}$	$x^{11} + x^9 + x^8 + x^6 + x^2 + 1$	$21 z^{40} + 168 z^{38} + 8890 z^{36} + 112224 z^{34} + 1421469 z^{32}$ $+10742144 z^{30} + 51872760 z^{28} + 162456672 z^{26}$ $+345130058 z^{24} + 501905040 z^{22}$ $+502257756 z^{20} + 344836128 z^{18}$ $+162660162 z^{16} + 51756480 z^{14} + 10796408 z^{12}$ $+1401120 z^{10} + 118209 z^8 + 7560 z^6 + 378 z^4 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
		$21 z^{40} + 6706 z^{36} + 107520 z^{34} + 1450365 z^{32}$	

$\{[42, 2, 31]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^3 + x + 1$	$+10793216 z^{30} + 51637560 z^{28} + 162494976 z^{26}$ $+345648170 z^{24} + 501510912 z^{22}$ $+501863628 z^{20} + 345354240 z^{18}$ $+162698466 z^{16} + 51521280 z^{14} + 10847480 z^{12}$ $+1430016 z^{10} + 113505 z^8 + 5376 z^6 + 210 z^4 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 31]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^2 + x + 1$	$z^{42} + 21 z^{40} + 546 z^{38} + 7042 z^{36} + 89313 z^{34}$ $+175616 z^{33} + 738045 z^{32} + 2107392 z^{31}$ $+5194168 z^{30} + 12794880 z^{29} + 25602552 z^{28}$ $+48269312 z^{27} + 81846114 z^{26} + 123400704 z^{25}$ $+173274794 z^{24} + 217534464 z^{23}$ $+250118316 z^{22} + 265177088 z^{21}$ $+250118316 z^{20} + 217534464 z^{19}$ $+173274794 z^{18} + 123400704 z^{17} + 81846114 z^{16}$ $+48269312 z^{15} + 25602552 z^{14} + 12794880 z^{13}$ $+5194168 z^{12} + 2107392 z^{11} + 738045 z^{10}$ $+175616 z^9 + 89313 z^8 + 7042 z^6 + 546 z^4 + 21 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 31]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^5 + 1$	$z^{42} + 273 z^{38} + 3465 z^{36} + 8736 z^{35} + 65604 z^{34}$ $+204288 z^{33} + 742665 z^{32} + 2101344 z^{31}$ $+5308884 z^{30} + 12569088 z^{29} + 25723428 z^{28}$ $+48177696 z^{27} + 81533886 z^{26} + 124045824 z^{25}$ $+172878580 z^{24} + 218082144 z^{23}$ $+250614126 z^{22} + 263363584 z^{21}$ $+250614126 z^{20} + 218082144 z^{19}$ $+172878580 z^{18} + 124045824 z^{17} + 81533886 z^{16}$ $+48177696 z^{15} + 25723428 z^{14} + 12569088 z^{13}$ $+5308884 z^{12} + 2101344 z^{11} + 742665 z^{10}$ $+204288 z^9 + 65604 z^8 + 8736 z^7 + 3465 z^6$ $+273 z^4 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
		$z^{42} + 420 z^{38} + 5040 z^{36} + 111720 z^{34} + 1433397 z^{32}$ $+10848404 z^{30} + 51545340 z^{28} + 162562722 z^{26}$	

$\{[42, 2, 31]\}$	$x^{11}+x^{10}+x^9+x^8+x+1$	$+345620800 z^{24}+501613980 z^{22}$ $+501613980 z^{20}+345620800 z^{18}$ $+162562722 z^{16}+51545340 z^{14}+10848404 z^{12}$ $+1433397 z^{10}+111720 z^8+5040 z^6+420 z^4+1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 31]\}$	$x^{11}+x^{10}+x^9+x^7+x^4+x^3+x^2+1$	$5103 z^{36}+132678 z^{34}+1539405 z^{32}+10495548 z^{30}$ $+51383376 z^{28}+163465092 z^{26}+345586696 z^{24}$ $+500717868 z^{22}+501745734 z^{20}$ $+345912336 z^{18}+162682506 z^{16}+51507252 z^{14}$ $+10736712 z^{12}+1435644 z^{10}+127008 z^8$ $+9828 z^6+819 z^4+42 z^2+1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 31]\}$	$x^{11}+x^{10}+x^9+x^5+x^4+x^3+x^2+x+1$	$z^{42}+21 z^{40}+546 z^{38}+7042 z^{36}+89313 z^{34}$ $+175616 z^{33}+738045 z^{32}+2107392 z^{31}$ $+5194168 z^{30}+12794880 z^{29}+25602552 z^{28}$ $+48269312 z^{27}+81846114 z^{26}+123400704 z^{25}$ $+173274794 z^{24}+217534464 z^{23}$ $+250118316 z^{22}+265177088 z^{21}$ $+250118316 z^{20}+217534464 z^{19}$ $+173274794 z^{18}+123400704 z^{17}+81846114 z^{16}$ $+48269312 z^{15}+25602552 z^{14}+12794880 z^{13}$ $+5194168 z^{12}+2107392 z^{11}+738045 z^{10}$ $+175616 z^9+89313 z^8+7042 z^6+546 z^4+21 z^2$ $+1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 31]\}$	$x^{11}+x^{10}+x^8+x^6+x^5+x^4+x^3+x^2+x+1$	$21 z^{40}+6706 z^{36}+107520 z^{34}+1450365 z^{32}$ $+10793216 z^{30}+51637560 z^{28}+162494976 z^{26}$ $+345648170 z^{24}+501510912 z^{22}$ $+501863628 z^{20}+345354240 z^{18}$ $+162698466 z^{16}+51521280 z^{14}+10847480 z^{12}$ $+1430016 z^{10}+113505 z^8+5376 z^6+210 z^4+1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
		$z^{42}+231 z^{38}+3871 z^{36}+120372 z^{34}+1426425 z^{32}$ $+10808252 z^{30}+51627660 z^{28}+162578766 z^{26}$ $+345442692 z^{24}+501733554 z^{22}$	

$\{[42, 2, 31]\}$	$x^{11}+x^{10}+x^7+x^3+x^2+1$	$+501733554 z^{20}+345442692 z^{18}$ $+162578766 z^{16}+51627660 z^{14}+10808252 z^{12}$ $+1426425 z^{10}+120372 z^8+3871 z^6+231 z^4+1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 31]\}$	$x^{11}+x^{10}+x^3+x^2+x+1$	$z^{42}+420 z^{38}+5040 z^{36}+111720 z^{34}+1433397 z^{32}$ $+10848404 z^{30}+51545340 z^{28}+162562722 z^{26}$ $+345620800 z^{24}+501613980 z^{22}$ $+501613980 z^{20}+345620800 z^{18}$ $+162562722 z^{16}+51545340 z^{14}+10848404 z^{12}$ $+1433397 z^{10}+111720 z^8+5040 z^6+420 z^4+1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[44, 2, 33]\}$	$x^{11}+1$	$z^{44}+66 z^{42}+1991 z^{40}+36300 z^{38}+445555 z^{36}$ $+3880602 z^{34}+24620277 z^{32}+114939792 z^{30}$ $+394059930 z^{28}+979686180 z^{26}$ $+1727307318 z^{24}+2099978568 z^{22}$ $+1727307318 z^{20}+979686180 z^{18}$ $+394059930 z^{16}+114939792 z^{14}+24620277 z^{12}$ $+3880602 z^{10}+445555 z^8+36300 z^6+1991 z^4$ $+66 z^2+1$	$\{[22, \sqrt{11}]\}$
$\{[45, 2, 34]\}$	$x^{11}+x^8+x^6+x^5+x^3+1$	$1260 z^{40}+44415 z^{38}+853920 z^{36}+9964440 z^{34}$ $+71224065 z^{32}+336793428 z^{30}$ $+1077175080 z^{28}+2381488200 z^{26}$ $+3684961620 z^{24}+4019973930 z^{22}$ $+3096078840 z^{20}+1675549800 z^{18}$ $+631255590 z^{16}+163088820 z^{14}+28105560 z^{12}$ $+3088440 z^{10}+212760 z^8+8655 z^6+360 z^4+1$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 34]\}$	$x^{11}+x^8+x^7+x^5+x^3+x^2+x+1$	$32805 z^{38}+863865 z^{36}+10180485 z^{34}$ $+70770105 z^{32}+336413412 z^{30}$ $+1078960500 z^{28}+2380592340 z^{26}$ $+3683094180 z^{24}+4022125830 z^{22}$ $+3096235422 z^{20}+1674470070 z^{18}$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$

		$+631471950 z^{16} + 163310580 z^{14} + 28066500 z^{12}$ $+3058884 z^{10} + 208980 z^8 + 12285 z^6 + 945 z^4$ $+45 z^2 + 1$	
$\{[45, 2, 34]\}$	$x^{11} + x^9 + x^8 + x^7 + x^5 + x^4 + x + 1$	$1890 z^{40} + 42300 z^{38} + 868265 z^{36} + 9890640 z^{34}$ $+71376705 z^{32} + 336694848 z^{30}$ $+1077141780 z^{28} + 2381415120 z^{26}$ $+3685232640 z^{24} + 4019883480 z^{22}$ $+3095864190 z^{20} + 1675673200 z^{18}$ $+631377270 z^{16} + 162963360 z^{14} + 28123620 z^{12}$ $+3101040 z^{10} + 210150 z^8 + 8460 z^6 + 225 z^4 + 1$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 34]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^4 + x^3 + 1$	$32805 z^{38} + 863865 z^{36} + 10180485 z^{34}$ $+70770105 z^{32} + 336413412 z^{30}$ $+1078960500 z^{28} + 2380592340 z^{26}$ $+3683094180 z^{24} + 4022125830 z^{22}$ $+3096235422 z^{20} + 1674470070 z^{18}$ $+631471950 z^{16} + 163310580 z^{14} + 28066500 z^{12}$ $+3058884 z^{10} + 208980 z^8 + 12285 z^6 + 945 z^4$ $+45 z^2 + 1$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 34]\}$	$x^{11} + x^{10} + x^7 + x^6 + x^4 + x^3 + x^2 + 1$	$1890 z^{40} + 42300 z^{38} + 868265 z^{36} + 9890640 z^{34}$ $+71376705 z^{32} + 336694848 z^{30}$ $+1077141780 z^{28} + 2381415120 z^{26}$ $+3685232640 z^{24} + 4019883480 z^{22}$ $+3095864190 z^{20} + 1675673200 z^{18}$ $+631377270 z^{16} + 162963360 z^{14} + 28123620 z^{12}$ $+3101040 z^{10} + 210150 z^8 + 8460 z^6 + 225 z^4 + 1$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 34]\}$	$x^{11} + x^{10} + x^6 + x^5 + x + 1$	$135 z^{42} + 4995 z^{40} + 85095 z^{38} + 1080545 z^{36}$ $+10375065 z^{34} + 69652845 z^{32} + 333888372 z^{30}$ $+1081004940 z^{28} + 2388809070 z^{26}$ $+3681027990 z^{24} + 4009248090 z^{22}$ $+3098547702 z^{20} + 1683776170 z^{18}$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$

		$+630461250 z^{16} + 160169940 z^{14} + 27896940 z^{12}$ $+3497499 z^{10} + 321975 z^8 + 19575 z^6 + 945 z^4$ $+45 z^2 + 1$	
$\{[46, 2, 35]\}$	$x^{11} + x^9 + x^7 + x^6 + x^5 + x + 1$	$z^{46} + 23 z^{44} + 253 z^{42} + 1771 z^{40} + 32384 z^{39}$ $+138391 z^{38} + 518144 z^{37} + 1976689 z^{36}$ $+6523904 z^{35} + 18977875 z^{34} + 49788928 z^{33}$ $+117216165 z^{32} + 249615872 z^{31}$ $+484048202 z^{30} + 854419456 z^{29}$ $+1376359974 z^{28} + 2029310976 z^{27}$ $+2738628354 z^{26} + 3388143616 z^{25}$ $+3852586894 z^{24} + 4023162624 z^{23}$ $+3852586894 z^{22} + 3388143616 z^{21}$ $+2738628354 z^{20} + 2029310976 z^{19}$ $+1376359974 z^{18} + 854419456 z^{17}$ $+484048202 z^{16} + 249615872 z^{15}$ $+117216165 z^{14} + 49788928 z^{13} + 18977875 z^{12}$ $+6523904 z^{11} + 1976689 z^{10} + 518144 z^9$ $+138391 z^8 + 32384 z^7 + 1771 z^6 + 253 z^4 + 23 z^2$ $+1$	$\left\{ \left[23, \frac{\sqrt{46}}{2} \right] \right\}$
$\{[46, 2, 35]\}$	$x^{11} + x^{10} + x^6 + x^5 + x^4 + x^2 + 1$	$z^{46} + 23 z^{44} + 253 z^{42} + 1771 z^{40} + 32384 z^{39}$ $+138391 z^{38} + 518144 z^{37} + 1976689 z^{36}$ $+6523904 z^{35} + 18977875 z^{34} + 49788928 z^{33}$ $+117216165 z^{32} + 249615872 z^{31}$ $+484048202 z^{30} + 854419456 z^{29}$ $+1376359974 z^{28} + 2029310976 z^{27}$ $+2738628354 z^{26} + 3388143616 z^{25}$ $+3852586894 z^{24} + 4023162624 z^{23}$ $+3852586894 z^{22} + 3388143616 z^{21}$ $+2738628354 z^{20} + 2029310976 z^{19}$ $+1376359974 z^{18} + 854419456 z^{17}$ $+484048202 z^{16} + 249615872 z^{15}$	$\left\{ \left[23, \frac{\sqrt{46}}{2} \right] \right\}$

		$+117216165 z^{14} + 49788928 z^{13} + 18977875 z^{12}$ $+6523904 z^{11} + 1976689 z^{10} + 518144 z^9$ $+138391 z^8 + 32384 z^7 + 1771 z^6 + 253 z^4 + 23 z^2$ $+1$	
$\{[48, 2, 37]\}$	$x^{11} + x^8 + x^3 + 1$	$z^{48} + 948 z^{44} + 24192 z^{42} + 520002 z^{40} + 7142016 z^{38}$ $+69321700 z^{36} + 466948608 z^{34}$ $+2191752687 z^{32} + 7144684032 z^{30}$ $+16373699688 z^{28} + 26738842368 z^{26}$ $+31453080988 z^{24} + 26738842368 z^{22}$ $+16373699688 z^{20} + 7144684032 z^{18}$ $+2191752687 z^{16} + 466948608 z^{14}$ $+69321700 z^{12} + 7142016 z^{10} + 520002 z^8$ $+24192 z^6 + 948 z^4 + 1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 37]\}$	$x^{11} + x^8 + x^7 + x^4 + x^3 + 1$	$z^{48} + 24 z^{46} + 564 z^{44} + 18024 z^{42} + 425538 z^{40}$ $+6422664 z^{38} + 67477604 z^{36} + 470538744 z^{34}$ $+2204430831 z^{32} + 7140126064 z^{30}$ $+16337959272 z^{28} + 26738438544 z^{26}$ $+31507277724 z^{24} + 26738438544 z^{22}$ $+16337959272 z^{20} + 7140126064 z^{18}$ $+2204430831 z^{16} + 470538744 z^{14}$ $+67477604 z^{12} + 6422664 z^{10} + 425538 z^8$ $+18024 z^6 + 564 z^4 + 24 z^2 + 1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 37]\}$	$x^{11} + x^9 + x^8 + x^6 + x^5 + x^3 + x^2 + 1$	$z^{48} + 24 z^{46} + 1332 z^{44} + 23144 z^{42} + 436290 z^{40}$ $+6419592 z^{38} + 67495780 z^{36} + 469690872 z^{34}$ $+2205641199 z^{32} + 7142636912 z^{30}$ $+16332762984 z^{28} + 26736773520 z^{26}$ $+31515190172 z^{24} + 26736773520 z^{22}$ $+16332762984 z^{20} + 7142636912 z^{18}$ $+2205641199 z^{16} + 469690872 z^{14}$ $+67495780 z^{12} + 6419592 z^{10} + 436290 z^8$ $+23144 z^6 + 1332 z^4 + 24 z^2 + 1$	$\{[24, 2\sqrt{3}]\}$

$\{[48, 2, 37]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{48} + 72 z^{46} + 2388 z^{44} + 48312 z^{42} + 665346 z^{40}$ $+ 6590232 z^{38} + 65126660 z^{36} + 467868648 z^{34}$ $+ 2215615215 z^{32} + 7149973072 z^{30}$ $+ 16304206248 z^{28} + 26731063728 z^{26}$ $+ 31556633628 z^{24} + 26731063728 z^{22}$ $+ 16304206248 z^{20} + 7149973072 z^{18}$ $+ 2215615215 z^{16} + 467868648 z^{14}$ $+ 65126660 z^{12} + 6590232 z^{10} + 665346 z^8$ $+ 48312 z^6 + 2388 z^4 + 72 z^2 + 1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 37]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^3 + x^2 + x + 1$	$z^{48} + 48 z^{46} + 1404 z^{44} + 27216 z^{42} + 499986 z^{40}$ $+ 7099536 z^{38} + 69711628 z^{36} + 466339824 z^{34}$ $+ 2191117743 z^{32} + 7147717344 z^{30}$ $+ 16370679672 z^{28} + 26738030112 z^{26}$ $+ 31456504444 z^{24} + 26738030112 z^{22}$ $+ 16370679672 z^{20} + 7147717344 z^{18}$ $+ 2191117743 z^{16} + 466339824 z^{14}$ $+ 69711628 z^{12} + 7099536 z^{10} + 499986 z^8$ $+ 27216 z^6 + 1404 z^4 + 48 z^2 + 1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 37]\}$	$x^{11} + x^{10} + x^7 + x^6 + x^5 + x^4 + x + 1$	$z^{48} + 24 z^{46} + 852 z^{44} + 16616 z^{42} + 381954 z^{40}$ $+ 6391560 z^{38} + 67971844 z^{36} + 470420472 z^{34}$ $+ 2202912495 z^{32} + 7140681584 z^{30}$ $+ 16340274600 z^{28} + 26738033808 z^{26}$ $+ 31504781852 z^{24} + 26738033808 z^{22}$ $+ 16340274600 z^{20} + 7140681584 z^{18}$ $+ 2202912495 z^{16} + 470420472 z^{14}$ $+ 67971844 z^{12} + 6391560 z^{10} + 381954 z^8$ $+ 16616 z^6 + 852 z^4 + 24 z^2 + 1$	$\{[24, 2\sqrt{3}]\}$
		$2040 z^{46} + 115362 z^{44} + 2970852 z^{42} + 46460133 z^{40}$ $+ 465306252 z^{38} + 3113584816 z^{36}$ $+ 14424914256 z^{34} + 47324699229 z^{32}$ $+ 111772090688 z^{30} + 192182337324 z^{28}$	

$\{[51, 2, 40]\}$	$x^{11} + x^7 + x^6 + x^5 + x^4 + 1$	$+242147936760 z^{26} + 224209034410 z^{24}$ $+152421075336 z^{22} + 75717028008 z^{20}$ $+27247108496 z^{18} + 7006410498 z^{16}$ $+1262426664 z^{14} + 154997058 z^{12}$ $+12490308 z^{10} + 622353 z^8 + 16524 z^6 + 408 z^4$ $+1$	$\left\{ \left[\frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$
$\{[51, 2, 40]\}$	$x^{11} + x^8 + x^7 + x^6 + x + 1$	$17 z^{48} + 2448 z^{46} + 111180 z^{44} + 2982752 z^{42}$ $+46465794 z^{40} + 465197520 z^{38}$ $+3113840156 z^{36} + 14424706176 z^{34}$ $+47324637519 z^{32} + 111771929120 z^{30}$ $+192184026648 z^{28} + 242144027712 z^{26}$ $+224213976412 z^{24} + 152417185056 z^{22}$ $+75718931736 z^{20} + 27246568576 z^{18}$ $+7006528767 z^{16} + 1262338128 z^{14}$ $+155061148 z^{12} + 12470112 z^{10} + 622914 z^8$ $+17680 z^6 + 204 z^4 + 1$	$\left\{ \left[\frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$
$\{[51, 2, 40]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^5 + x^3 + x^2 + x + 1$	$2040 z^{46} + 115362 z^{44} + 2970852 z^{42} + 46460133 z^{40}$ $+465306252 z^{38} + 3113584816 z^{36}$ $+14424914256 z^{34} + 47324699229 z^{32}$ $+111772090688 z^{30} + 192182337324 z^{28}$ $+242147936760 z^{26} + 224209034410 z^{24}$ $+152421075336 z^{22} + 75717028008 z^{20}$ $+27247108496 z^{18} + 7006410498 z^{16}$ $+1262426664 z^{14} + 154997058 z^{12}$ $+12490308 z^{10} + 622353 z^8 + 16524 z^6 + 408 z^4$ $+1$	$\left\{ \left[\frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$
		$17 z^{48} + 2448 z^{46} + 111180 z^{44} + 2982752 z^{42}$ $+46465794 z^{40} + 465197520 z^{38}$ $+3113840156 z^{36} + 14424706176 z^{34}$ $+47324637519 z^{32} + 111771929120 z^{30}$ $+192184026648 z^{28} + 242144027712 z^{26}$	

$\{[51, 2, 40]\}$	$x^{11} + x^{10} + x^9 + x^6 + x^5 + x^3 + x + 1$	$+224213976412 z^{24} + 152417185056 z^{22}$ $+75718931736 z^{20} + 27246568576 z^{18}$ $+7006528767 z^{16} + 1262338128 z^{14}$ $+155061148 z^{12} + 12470112 z^{10} + 622914 z^8$ $+17680 z^6 + 204 z^4 + 1$	$\left\{ \left[\frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$
$\{[51, 2, 40]\}$	$x^{11} + x^{10} + x^8 + x^6 + x^5 + x^2 + x + 1$	$17 z^{48} + 2448 z^{46} + 111180 z^{44} + 2982752 z^{42}$ $+46465794 z^{40} + 465197520 z^{38}$ $+3113840156 z^{36} + 14424706176 z^{34}$ $+47324637519 z^{32} + 111771929120 z^{30}$ $+192184026648 z^{28} + 242144027712 z^{26}$ $+224213976412 z^{24} + 152417185056 z^{22}$ $+75718931736 z^{20} + 27246568576 z^{18}$ $+7006528767 z^{16} + 1262338128 z^{14}$ $+155061148 z^{12} + 12470112 z^{10} + 622914 z^8$ $+17680 z^6 + 204 z^4 + 1$	$\left\{ \left[\frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$
$\{[51, 2, 40]\}$	$x^{11} + x^{10} + x^5 + x^4 + x^3 + 1$	$17 z^{48} + 2448 z^{46} + 111180 z^{44} + 2982752 z^{42}$ $+46465794 z^{40} + 465197520 z^{38}$ $+3113840156 z^{36} + 14424706176 z^{34}$ $+47324637519 z^{32} + 111771929120 z^{30}$ $+192184026648 z^{28} + 242144027712 z^{26}$ $+224213976412 z^{24} + 152417185056 z^{22}$ $+75718931736 z^{20} + 27246568576 z^{18}$ $+7006528767 z^{16} + 1262338128 z^{14}$ $+155061148 z^{12} + 12470112 z^{10} + 622914 z^8$ $+17680 z^6 + 204 z^4 + 1$	$\left\{ \left[\frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$
		$z^{54} + 54 z^{52} + 2106 z^{50} + 73305 z^{48} + 1811322 z^{46}$ $+30586032 z^{44} + 368487072 z^{42}$ $+3229147674 z^{40} + 20485845351 z^{38}$ $+94186671966 z^{36} + 313782581106 z^{34}$ $+763397964063 z^{32} + 1370587373964 z^{30}$	

$\{[54, 2, 43]\}$	$x^{11} + x^{10} + x^9 + x^2 + x + 1$	$+1831975967088 z^{28} + 1831975967088 z^{26}$ $+1370587373964 z^{24} + 763397964063 z^{22}$ $+313782581106 z^{20} + 94186671966 z^{18}$ $+20485845351 z^{16} + 3229147674 z^{14}$ $+368487072 z^{12} + 30586032 z^{10} + 1811322 z^8$ $+73305 z^6 + 2106 z^4 + 54 z^2 + 1$	$\left\{ \left[27, \frac{3\sqrt{6}}{2} \right] \right\}$
$\{[55, 2, 44]\}$	$x^{11} + 1$	$48828125 z^{44} + 1074218750 z^{42} + 10849609375 z^{40}$ $+66601562500 z^{38} + 277255859375 z^{36}$ $+826933593750 z^{34} + 1820220703125 z^{32}$ $+3001968750000 z^{30} + 3730057031250 z^{28}$ $+3487360937500 z^{26} + 2439360343750 z^{24}$ $+1267805375000 z^{22} + 487872068750 z^{20}$ $+139494437500 z^{18} + 29840456250 z^{16}$ $+4803150000 z^{14} + 582470625 z^{12}$ $+52923750 z^{10} + 3548875 z^8 + 170500 z^6$ $+5555 z^4 + 110 z^2 + 1$	$\left\{ \left[\frac{55}{2}, \frac{\sqrt{55}}{2} \right] \right\}$
$\{[56, 2, 45]\}$	$x^{11} + x^7 + x^4 + 1$	$z^{56} + 1386 z^{52} + 51072 z^{50} + 1726011 z^{48}$ $+37011072 z^{46} + 550736004 z^{44}$ $+5655328896 z^{42} + 40616022601 z^{40}$ $+207364961664 z^{38} + 767459964726 z^{36}$ $+2092356168448 z^{34} + 4252401076091 z^{32}$ $+6490645946624 z^{30} + 7470194099640 z^{28}$ $+6490645946624 z^{26} + 4252401076091 z^{24}$ $+2092356168448 z^{22} + 767459964726 z^{20}$ $+207364961664 z^{18} + 40616022601 z^{16}$ $+5655328896 z^{14} + 550736004 z^{12}$ $+37011072 z^{10} + 1726011 z^8 + 51072 z^6 + 1386 z^4$ $+1$	$\{[28, \sqrt{14}]\}$
		$z^{56} + 28 z^{54} + 938 z^{52} + 38220 z^{50} + 1406139 z^{48}$ $+34663272 z^{46} + 544877060 z^{44}$	

$\{[56, 2, 45]\}$	$x^{11} + x^8 + x^6 + x^5 + x^4 + x^3 + x + 1$	$+5669991080 z^{42} + 40675516105 z^{40}$ $+207341209236 z^{38} + 767199523062 z^{36}$ $+2092396677252 z^{34} + 4252950436987 z^{32}$ $+6490583334256 z^{30} + 7469576741560 z^{28}$ $+6490583334256 z^{26} + 4252950436987 z^{24}$ $+2092396677252 z^{22} + 767199523062 z^{20}$ $+207341209236 z^{18} + 40675516105 z^{16}$ $+5669991080 z^{14} + 544877060 z^{12}$ $+34663272 z^{10} + 1406139 z^8 + 38220 z^6 + 938 z^4$ $+28 z^2 + 1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 45]\}$	$x^{11} + x^9 + x^8 + x^7 + x^4 + x^2 + x + 1$	$z^{56} + 84 z^{54} + 3290 z^{52} + 79716 z^{50} + 1795451 z^{48}$ $+36624056 z^{46} + 548741732 z^{44}$ $+5661521528 z^{42} + 40625204361 z^{40}$ $+207326998844 z^{38} + 767441087686 z^{36}$ $+2092528614540 z^{34} + 4252247891451 z^{32}$ $+6490472074576 z^{30} + 7470590814200 z^{28}$ $+6490472074576 z^{26} + 4252247891451 z^{24}$ $+2092528614540 z^{22} + 767441087686 z^{20}$ $+207326998844 z^{18} + 40625204361 z^{16}$ $+5661521528 z^{14} + 548741732 z^{12}$ $+36624056 z^{10} + 1795451 z^8 + 79716 z^6 + 3290 z^4$ $+84 z^2 + 1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 45]\}$	$x^{11} + x^9 + x^8 + x^3 + x + 1$	$720601 z^{48} + 28823984 z^{46} + 521714732 z^{44}$ $+5650326752 z^{42} + 40816241578 z^{40}$ $+207665389232 z^{38} + 766886241772 z^{36}$ $+2091205142656 z^{34} + 4253284924511 z^{32}$ $+6492725513568 z^{30} + 7469384841240 z^{28}$ $+6488654288704 z^{26} + 4252671937388 z^{24}$ $+2093476424928 z^{22} + 767532548216 z^{20}$ $+207043736704 z^{18} + 40523535143 z^{16}$ $+5687438064 z^{14} + 569685564 z^{12}$	$\{[28, \sqrt{14}]\}$

		$+40503008 z^{10} + 2040458 z^8 + 68208 z^6 + 1820 z^4 + 1$	
$\{[56, 2, 45]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x + 1$	$z^{56} + 1610 z^{52} + 40320 z^{50} + 1407931 z^{48}$ $+ 34498688 z^{46} + 545417796 z^{44}$ $+ 5670005376 z^{42} + 40673345993 z^{40}$ $+ 207340651392 z^{38} + 767216248918 z^{36}$ $+ 2092366325504 z^{34} + 4252953064059 z^{32}$ $+ 6490647946496 z^{30} + 7469474180664 z^{28}$ $+ 6490647946496 z^{26} + 4252953064059 z^{24}$ $+ 2092366325504 z^{22} + 767216248918 z^{20}$ $+ 207340651392 z^{18} + 40673345993 z^{16}$ $+ 5670005376 z^{14} + 545417796 z^{12}$ $+ 34498688 z^{10} + 1407931 z^8 + 40320 z^6 + 1610 z^4 + 1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 45]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^4 + x^3 + x^2 + 1$	$z^{56} + 84 z^{54} + 3290 z^{52} + 79716 z^{50} + 1795451 z^{48}$ $+ 36624056 z^{46} + 548741732 z^{44}$ $+ 5661521528 z^{42} + 40625204361 z^{40}$ $+ 207326998844 z^{38} + 767441087686 z^{36}$ $+ 2092528614540 z^{34} + 4252247891451 z^{32}$ $+ 6490472074576 z^{30} + 7470590814200 z^{28}$ $+ 6490472074576 z^{26} + 4252247891451 z^{24}$ $+ 2092528614540 z^{22} + 767441087686 z^{20}$ $+ 207326998844 z^{18} + 40625204361 z^{16}$ $+ 5661521528 z^{14} + 548741732 z^{12}$ $+ 36624056 z^{10} + 1795451 z^8 + 79716 z^6 + 3290 z^4 + 84 z^2 + 1$	$\{[28, \sqrt{14}]\}$
		$z^{56} + 28 z^{54} + 938 z^{52} + 38220 z^{50} + 1406139 z^{48}$ $+ 34663272 z^{46} + 544877060 z^{44}$ $+ 5669991080 z^{42} + 40675516105 z^{40}$ $+ 207341209236 z^{38} + 767199523062 z^{36}$ $+ 2092396677252 z^{34} + 4252950436987 z^{32}$	

$\{[56, 2, 45]\}$	$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^3 + 1$	$+6490583334256 z^{30} + 7469576741560 z^{28}$ $+6490583334256 z^{26} + 4252950436987 z^{24}$ $+2092396677252 z^{22} + 767199523062 z^{20}$ $+207341209236 z^{18} + 40675516105 z^{16}$ $+5669991080 z^{14} + 544877060 z^{12}$ $+34663272 z^{10} + 1406139 z^8 + 38220 z^6 + 938 z^4$ $+28 z^2 + 1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 45]\}$	$x^{11} + x^{10} + x^8 + x^3 + x^2 + 1$	$720601 z^{48} + 28823984 z^{46} + 521714732 z^{44}$ $+5650326752 z^{42} + 40816241578 z^{40}$ $+207665389232 z^{38} + 766886241772 z^{36}$ $+2091205142656 z^{34} + 4253284924511 z^{32}$ $+6492725513568 z^{30} + 7469384841240 z^{28}$ $+6488654288704 z^{26} + 4252671937388 z^{24}$ $+2093476424928 z^{22} + 767532548216 z^{20}$ $+207043736704 z^{18} + 40523535143 z^{16}$ $+5687438064 z^{14} + 569685564 z^{12}$ $+40503008 z^{10} + 2040458 z^8 + 68208 z^6 + 1820 z^4$ $+1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 45]\}$	$x^{11} + x^{10} + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{56} + 1610 z^{52} + 40320 z^{50} + 1407931 z^{48}$ $+34498688 z^{46} + 545417796 z^{44}$ $+5670005376 z^{42} + 40673345993 z^{40}$ $+207340651392 z^{38} + 767216248918 z^{36}$ $+2092366325504 z^{34} + 4252953064059 z^{32}$ $+6490647946496 z^{30} + 7469474180664 z^{28}$ $+6490647946496 z^{26} + 4252953064059 z^{24}$ $+2092366325504 z^{22} + 767216248918 z^{20}$ $+207340651392 z^{18} + 40673345993 z^{16}$ $+5670005376 z^{14} + 545417796 z^{12}$ $+34498688 z^{10} + 1407931 z^8 + 40320 z^6 + 1610 z^4$ $+1$	$\{[28, \sqrt{14}]\}$
		$z^{60} + 1635 z^{56} + 69600 z^{54} + 2807805 z^{52}$	

$\{[60, 2, 49]\}$	$x^{11} + x^6 + x^5 + 1$	$+75031680 z^{50} + 1366691855 z^{48}$ $+16919202240 z^{46} + 146091857565 z^{44}$ $+903445054080 z^{42} + 4093699659495 z^{40}$ $+13822143236640 z^{38} + 35207261480185 z^{36}$ $+68248979708160 z^{34} + 101289200074515 z^{32}$ $+115491583670400 z^{30} + 101289200074515 z^{28}$ $+68248979708160 z^{26} + 35207261480185 z^{24}$ $+13822143236640 z^{22} + 4093699659495 z^{20}$ $+903445054080 z^{18} + 146091857565 z^{16}$ $+16919202240 z^{14} + 1366691855 z^{12}$ $+75031680 z^{10} + 2807805 z^8 + 69600 z^6 + 1635 z^4$ $+1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 49]\}$	$x^{11} + x^8 + x^5 + x^3 + x^2 + 1$	$z^{60} + 30 z^{58} + 915 z^{56} + 50140 z^{54} + 2483565 z^{52}$ $+73589418 z^{50} + 1366887855 z^{48}$ $+16939400280 z^{46} + 146098314045 z^{44}$ $+903356435790 z^{42} + 4093603484151 z^{40}$ $+13822502422500 z^{38} + 35207438688585 z^{36}$ $+68248305774570 z^{34} + 101288710060755 z^{32}$ $+115493158236112 z^{30} + 101288710060755 z^{28}$ $+68248305774570 z^{26} + 35207438688585 z^{24}$ $+13822502422500 z^{22} + 4093603484151 z^{20}$ $+903356435790 z^{18} + 146098314045 z^{16}$ $+16939400280 z^{14} + 1366887855 z^{12}$ $+73589418 z^{10} + 2483565 z^8 + 50140 z^6 + 915 z^4$ $+30 z^2 + 1$	$\{[30, \sqrt{15}]\}$
		$z^{60} + 90 z^{58} + 3795 z^{56} + 99540 z^{54} + 2801325 z^{52}$ $+73690878 z^{50} + 1361154095 z^{48}$ $+16932510600 z^{46} + 146154214845 z^{44}$ $+903388033770 z^{42} + 4093272834231 z^{40}$ $+13822629100140 z^{38} + 35208399402505 z^{36}$ $+68247117282750 z^{34} + 101288029509075 z^{32}$	

$\{[60, 2, 49]\}$	$x^{11} + x^8 + x^7 + x^5 + x^3 + x^2 + x + 1$	$+115495232146032 z^{30} + 101288029509075 z^{28}$ $+68247117282750 z^{26} + 35208399402505 z^{24}$ $+13822629100140 z^{22} + 4093272834231 z^{20}$ $+903388033770 z^{18} + 146154214845 z^{16}$ $+16932510600 z^{14} + 1361154095 z^{12}$ $+73690878 z^{10} + 2801325 z^8 + 99540 z^6 + 3795 z^4$ $+90 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 49]\}$	$x^{11} + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + 1$	$z^{60} + 1275 z^{56} + 47440 z^{54} + 2502645 z^{52}$ $+73476672 z^{50} + 1367375775 z^{48}$ $+16937853600 z^{46} + 146102198445 z^{44}$ $+903347507520 z^{42} + 4093624809135 z^{40}$ $+13822451294640 z^{38} + 35207547560865 z^{36}$ $+68248114988160 z^{34} + 101288978124915 z^{32}$ $+115492857939136 z^{30} + 101288978124915 z^{28}$ $+68248114988160 z^{26} + 35207547560865 z^{24}$ $+13822451294640 z^{22} + 4093624809135 z^{20}$ $+903347507520 z^{18} + 146102198445 z^{16}$ $+16937853600 z^{14} + 1367375775 z^{12}$ $+73476672 z^{10} + 2502645 z^8 + 47440 z^6 + 1275 z^4$ $+1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 49]\}$	$x^{11} + x^9 + x^7 + x^6 + x^5 + x^3 + x + 1$	$z^{60} + 1155 z^{56} + 63520 z^{54} + 2767005 z^{52}$ $+74951040 z^{50} + 1367613135 z^{48}$ $+16921074240 z^{46} + 146079382365 z^{44}$ $+903447999360 z^{42} + 4093749677895 z^{40}$ $+13822092795360 z^{38} + 35207177685465 z^{36}$ $+68249127248640 z^{34} + 101289245446035 z^{32}$ $+115491380010880 z^{30} + 101289245446035 z^{28}$ $+68249127248640 z^{26} + 35207177685465 z^{24}$ $+13822092795360 z^{22} + 4093749677895 z^{20}$ $+903447999360 z^{18} + 146079382365 z^{16}$ $+16921074240 z^{14} + 1367613135 z^{12}$	$\{[30, \sqrt{15}]\}$

		$+74951040 z^{10} + 2767005 z^8 + 63520 z^6 + 1155 z^4 + 1$	
$\{[60, 2, 49]\}$	$x^{11} + x^9 + x^4 + x^2 + x + 1$	$z^{60} + 615 z^{56} + 46840 z^{54} + 2510865 z^{52} + 73582560 z^{50}$ $+ 1366717095 z^{48} + 16938670320 z^{46}$ $+ 146104668405 z^{44} + 903341267040 z^{42}$ $+ 4093613447283 z^{40} + 13822522221960 z^{38}$ $+ 35207409726165 z^{36} + 68248249237440 z^{34}$ $+ 101288924176035 z^{32} + 115492860876064 z^{30}$ $+ 101288924176035 z^{28} + 68248249237440 z^{26}$ $+ 35207409726165 z^{24} + 13822522221960 z^{22}$ $+ 4093613447283 z^{20} + 903341267040 z^{18}$ $+ 146104668405 z^{16} + 16938670320 z^{14}$ $+ 1366717095 z^{12} + 73582560 z^{10} + 2510865 z^8$ $+ 46840 z^6 + 615 z^4 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 49]\}$	$x^{11} + x^9 + x^8 + x^7 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{60} + 1275 z^{56} + 52560 z^{54} + 2564085 z^{52}$ $+ 73538112 z^{50} + 1366167455 z^{48}$ $+ 16936962720 z^{46} + 146114179245 z^{44}$ $+ 903341424960 z^{42} + 4093580879535 z^{40}$ $+ 13822501998000 z^{38} + 35207618626465 z^{36}$ $+ 68247979451520 z^{34} + 101288940154995 z^{32}$ $+ 115493041419456 z^{30} + 101288940154995 z^{28}$ $+ 68247979451520 z^{26} + 35207618626465 z^{24}$ $+ 13822501998000 z^{22} + 4093580879535 z^{20}$ $+ 903341424960 z^{18} + 146114179245 z^{16}$ $+ 16936962720 z^{14} + 1366167455 z^{12}$ $+ 73538112 z^{10} + 2564085 z^8 + 52560 z^6 + 1275 z^4 + 1$	$\{[30, \sqrt{15}]\}$
		$z^{60} + 30 z^{58} + 2595 z^{56} + 106300 z^{54} + 2964285 z^{52}$ $+ 73913898 z^{50} + 1357877775 z^{48}$ $+ 16930542360 z^{46} + 146188087965 z^{44}$ $+ 903356568270 z^{42} + 4093162722471 z^{40}$	

$\{[60, 2, 49]\}$	$x^{11} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + 1$	$+13822876866180 z^{38} + 35208305184825 z^{36}$ $+68246938400490 z^{34} + 101288203079955 z^{32}$ $+115495160786512 z^{30} + 101288203079955 z^{28}$ $+68246938400490 z^{26} + 35208305184825 z^{24}$ $+13822876866180 z^{22} + 4093162722471 z^{20}$ $+903356568270 z^{18} + 146188087965 z^{16}$ $+16930542360 z^{14} + 1357877775 z^{12}$ $+73913898 z^{10} + 2964285 z^8 + 106300 z^6$ $+2595 z^4 + 30 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 49]\}$	$x^{11} + x^9 + x^8 + x^6 + x^3 + 1$	$z^{60} + 30 z^{58} + 915 z^{56} + 50140 z^{54} + 2483565 z^{52}$ $+73589418 z^{50} + 1366887855 z^{48}$ $+16939400280 z^{46} + 146098314045 z^{44}$ $+903356435790 z^{42} + 4093603484151 z^{40}$ $+13822502422500 z^{38} + 35207438688585 z^{36}$ $+68248305774570 z^{34} + 101288710060755 z^{32}$ $+115493158236112 z^{30} + 101288710060755 z^{28}$ $+68248305774570 z^{26} + 35207438688585 z^{24}$ $+13822502422500 z^{22} + 4093603484151 z^{20}$ $+903356435790 z^{18} + 146098314045 z^{16}$ $+16939400280 z^{14} + 1366887855 z^{12}$ $+73589418 z^{10} + 2483565 z^8 + 50140 z^6 + 915 z^4$ $+30 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 49]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{60} + 120 z^{58} + 6660 z^{56} + 226600 z^{54} + 5281650 z^{52}$ $+89265000 z^{50} + 1373593125 z^{48}$ $+16751850000 z^{46} + 145823371875 z^{44}$ $+904492875000 z^{42} + 4095163256250 z^{40}$ $+13817826375000 z^{38} + 35204469750000 z^{36}$ $+68258975625000 z^{34} + 101290661484375 z^{32}$ $+115478687500000 z^{30} + 101290661484375 z^{28}$ $+68258975625000 z^{26} + 35204469750000 z^{24}$ $+13817826375000 z^{22} + 4095163256250 z^{20}$	$\{[30, \sqrt{15}]\}$

		$+904492875000 z^{18} + 145823371875 z^{16}$ $+16751850000 z^{14} + 1373593125 z^{12}$ $+89265000 z^{10} + 5281650 z^8 + 226600 z^6$ $+6660 z^4 + 120 z^2 + 1$	
$\{[60, 2, 49]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^4 + x^3 + x^2 + 1$	$z^{60} + 1275 z^{56} + 52560 z^{54} + 2564085 z^{52}$ $+ 73538112 z^{50} + 1366167455 z^{48}$ $+ 16936962720 z^{46} + 146114179245 z^{44}$ $+ 903341424960 z^{42} + 4093580879535 z^{40}$ $+ 13822501998000 z^{38} + 35207618626465 z^{36}$ $+ 68247979451520 z^{34} + 101288940154995 z^{32}$ $+ 115493041419456 z^{30} + 101288940154995 z^{28}$ $+ 68247979451520 z^{26} + 35207618626465 z^{24}$ $+ 13822501998000 z^{22} + 4093580879535 z^{20}$ $+ 903341424960 z^{18} + 146114179245 z^{16}$ $+ 16936962720 z^{14} + 1366167455 z^{12}$ $+ 73538112 z^{10} + 2564085 z^8 + 52560 z^6 + 1275 z^4$ $+ 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 49]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^4 + x^3 + 1$	$z^{60} + 90 z^{58} + 3795 z^{56} + 99540 z^{54} + 2801325 z^{52}$ $+ 73690878 z^{50} + 1361154095 z^{48}$ $+ 16932510600 z^{46} + 146154214845 z^{44}$ $+ 903388033770 z^{42} + 4093272834231 z^{40}$ $+ 13822629100140 z^{38} + 35208399402505 z^{36}$ $+ 68247117282750 z^{34} + 101288029509075 z^{32}$ $+ 115495232146032 z^{30} + 101288029509075 z^{28}$ $+ 68247117282750 z^{26} + 35208399402505 z^{24}$ $+ 13822629100140 z^{22} + 4093272834231 z^{20}$ $+ 903388033770 z^{18} + 146154214845 z^{16}$ $+ 16932510600 z^{14} + 1361154095 z^{12}$ $+ 73690878 z^{10} + 2801325 z^8 + 99540 z^6 + 3795 z^4$ $+ 90 z^2 + 1$	$\{[30, \sqrt{15}]\}$
		$z^{60} + 2115 z^{56} + 61600 z^{54} + 2526045 z^{52}$	

$\{[60, 2, 49]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^5 + x^4 + x + 1$	$+73087872 z^{50} + 1367035215 z^{48}$ $+16943250240 z^{46} + 146097958365 z^{44}$ $+903320288640 z^{42} + 4093673833095 z^{40}$ $+13822508899680 z^{38} + 35207303137305 z^{36}$ $+68248304060160 z^{34} + 101289178080915 z^{32}$ $+115492408978816 z^{30} + 101289178080915 z^{28}$ $+68248304060160 z^{26} + 35207303137305 z^{24}$ $+13822508899680 z^{22} + 4093673833095 z^{20}$ $+903320288640 z^{18} + 146097958365 z^{16}$ $+16943250240 z^{14} + 1367035215 z^{12}$ $+73087872 z^{10} + 2526045 z^8 + 61600 z^6 + 2115 z^4$ $+1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 49]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^2 + 1$	$z^{60} + 615 z^{56} + 46840 z^{54} + 2510865 z^{52} + 73582560 z^{50}$ $+1366717095 z^{48} + 16938670320 z^{46}$ $+146104668405 z^{44} + 903341267040 z^{42}$ $+4093613447283 z^{40} + 13822522221960 z^{38}$ $+35207409726165 z^{36} + 68248249237440 z^{34}$ $+101288924176035 z^{32} + 115492860876064 z^{30}$ $+101288924176035 z^{28} + 68248249237440 z^{26}$ $+35207409726165 z^{24} + 13822522221960 z^{22}$ $+4093613447283 z^{20} + 903341267040 z^{18}$ $+146104668405 z^{16} + 16938670320 z^{14}$ $+1366717095 z^{12} + 73582560 z^{10} + 2510865 z^8$ $+46840 z^6 + 615 z^4 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 49]\}$	$x^{11} + x^{10} + x^8 + x^3 + x + 1$	$z^{60} + 855 z^{56} + 53400 z^{54} + 2561985 z^{52} + 73611360 z^{50}$ $+1365775175 z^{48} + 16937659440 z^{46}$ $+146114070165 z^{44} + 903343023840 z^{42}$ $+4093563032643 z^{40} + 13822561227240 z^{38}$ $+35207513206885 z^{36} + 68248092623040 z^{34}$ $+101288862598755 z^{32} + 115493094531744 z^{30}$ $+101288862598755 z^{28} + 68248092623040 z^{26}$	$\{[30, \sqrt{15}]\}$

		$+35207513206885 z^{24} + 13822561227240 z^{22}$ $+4093563032643 z^{20} + 903343023840 z^{18}$ $+146114070165 z^{16} + 16937659440 z^{14}$ $+1365775175 z^{12} + 73611360 z^{10} + 2561985 z^8$ $+53400 z^6 + 855 z^4 + 1$	
$\{[60, 2, 49]\}$	$x^{11} + x^{10} + x^8 + x^6 + x^5 + x^4 + x^2 + 1$	$z^{60} + 1155 z^{56} + 63520 z^{54} + 2767005 z^{52}$ $+ 74951040 z^{50} + 1367613135 z^{48}$ $+ 16921074240 z^{46} + 146079382365 z^{44}$ $+ 903447999360 z^{42} + 4093749677895 z^{40}$ $+ 13822092795360 z^{38} + 35207177685465 z^{36}$ $+ 68249127248640 z^{34} + 101289245446035 z^{32}$ $+ 115491380010880 z^{30} + 101289245446035 z^{28}$ $+ 68249127248640 z^{26} + 35207177685465 z^{24}$ $+ 13822092795360 z^{22} + 4093749677895 z^{20}$ $+ 903447999360 z^{18} + 146079382365 z^{16}$ $+ 16921074240 z^{14} + 1367613135 z^{12}$ $+ 74951040 z^{10} + 2767005 z^8 + 63520 z^6 + 1155 z^4$ $+ 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 49]\}$	$x^{11} + x^{10} + x^7 + x^6 + x^3 + x^2 + x + 1$	$z^{60} + 2115 z^{56} + 61600 z^{54} + 2526045 z^{52}$ $+ 73087872 z^{50} + 1367035215 z^{48}$ $+ 16943250240 z^{46} + 146097958365 z^{44}$ $+ 903320288640 z^{42} + 4093673833095 z^{40}$ $+ 13822508899680 z^{38} + 35207303137305 z^{36}$ $+ 68248304060160 z^{34} + 101289178080915 z^{32}$ $+ 115492408978816 z^{30} + 101289178080915 z^{28}$ $+ 68248304060160 z^{26} + 35207303137305 z^{24}$ $+ 13822508899680 z^{22} + 4093673833095 z^{20}$ $+ 903320288640 z^{18} + 146097958365 z^{16}$ $+ 16943250240 z^{14} + 1367035215 z^{12}$ $+ 73087872 z^{10} + 2526045 z^8 + 61600 z^6 + 2115 z^4$ $+ 1$	$\{[30, \sqrt{15}]\}$

$\{[60, 2, 49]\}$	$x^{11} + x^{10} + x^6 + x^5 + x + 1$	$ \begin{aligned} & z^{60} + 90 z^{58} + 3795 z^{56} + 140500 z^{54} + 4275885 z^{52} \\ & + 91877118 z^{50} + 1452740655 z^{48} \\ & + 17031551880 z^{46} + 145513764285 z^{44} \\ & + 901870711530 z^{42} + 4095049679031 z^{40} \\ & + 13828838595180 z^{38} + 35205973587465 z^{36} \\ & + 68233894411710 z^{34} + 101289225868755 z^{32} \\ & + 115512059005552 z^{30} + 101289225868755 z^{28} \\ & + 68233894411710 z^{26} + 35205973587465 z^{24} \\ & + 13828838595180 z^{22} + 4095049679031 z^{20} \\ & + 901870711530 z^{18} + 145513764285 z^{16} \\ & + 17031551880 z^{14} + 1452740655 z^{12} \\ & + 91877118 z^{10} + 4275885 z^8 + 140500 z^6 \\ & + 3795 z^4 + 90 z^2 + 1 \end{aligned} $	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 49]\}$	$x^{11} + x^{10} + x + 1$	$ \begin{aligned} & z^{60} + 60 z^{58} + 5355 z^{56} + 210600 z^{54} + 5942565 z^{52} \\ & + 117521172 z^{50} + 1708313535 z^{48} \\ & + 18440902800 z^{46} + 148941643725 z^{44} \\ & + 900584896860 z^{42} + 4074216426495 z^{40} \\ & + 13806730877400 z^{38} + 35245149145905 z^{36} \\ & + 68310956034900 z^{34} + 101267601095475 z^{32} \\ & + 115401047387616 z^{30} + 101267601095475 z^{28} \\ & + 68310956034900 z^{26} + 35245149145905 z^{24} \\ & + 13806730877400 z^{22} + 4074216426495 z^{20} \\ & + 900584896860 z^{18} + 148941643725 z^{16} \\ & + 18440902800 z^{14} + 1708313535 z^{12} \\ & + 117521172 z^{10} + 5942565 z^8 + 210600 z^6 \\ & + 5355 z^4 + 60 z^2 + 1 \end{aligned} $	$\{[30, \sqrt{15}]\}$
		$ \begin{aligned} & z^{62} + 31 z^{60} + 465 z^{58} + 56079 z^{56} + 3344745 z^{54} \\ & + 104790199 z^{52} + 2110069529 z^{50} \\ & + 28396923335 z^{48} + 266934502741 z^{46} \\ & + 1805750339915 z^{44} + 8990688810917 z^{42} \\ & + 33510807344827 z^{40} + 94704433685645 z^{38} \end{aligned} $	

$\{[62, 2, 51]\}$	$x^{11} + x^6 + x^5 + x^2 + x + 1$	$+204852926760467 z^{36} + 341421638927165 z^{34}$ $+440316111286563 z^{32} + 440316111286563 z^{30}$ $+341421638927165 z^{28} + 204852926760467 z^{26}$ $+94704433685645 z^{24} + 33510807344827 z^{22}$ $+8990688810917 z^{20} + 1805750339915 z^{18}$ $+266934502741 z^{16} + 28396923335 z^{14}$ $+2110069529 z^{12} + 104790199 z^{10} + 3344745 z^8$ $+56079 z^6 + 465 z^4 + 31 z^2 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^7 + x^6 + x^4 + x^3 + 1$	$z^{62} + 31 z^{60} + 465 z^{58} + 56079 z^{56} + 3344745 z^{54}$ $+104790199 z^{52} + 2110069529 z^{50}$ $+28396923335 z^{48} + 266934502741 z^{46}$ $+1805750339915 z^{44} + 8990688810917 z^{42}$ $+33510807344827 z^{40} + 94704433685645 z^{38}$ $+204852926760467 z^{36} + 341421638927165 z^{34}$ $+440316111286563 z^{32} + 440316111286563 z^{30}$ $+341421638927165 z^{28} + 204852926760467 z^{26}$ $+94704433685645 z^{24} + 33510807344827 z^{22}$ $+8990688810917 z^{20} + 1805750339915 z^{18}$ $+266934502741 z^{16} + 28396923335 z^{14}$ $+2110069529 z^{12} + 104790199 z^{10} + 3344745 z^8$ $+56079 z^6 + 465 z^4 + 31 z^2 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^8 + x^7 + x^5 + x^4 + x^3 + x + 1$	$z^{62} + 31 z^{60} + 465 z^{58} + 56079 z^{56} + 3344745 z^{54}$ $+104790199 z^{52} + 2110069529 z^{50}$ $+28396923335 z^{48} + 266934502741 z^{46}$ $+1805750339915 z^{44} + 8990688810917 z^{42}$ $+33510807344827 z^{40} + 94704433685645 z^{38}$ $+204852926760467 z^{36} + 341421638927165 z^{34}$ $+440316111286563 z^{32} + 440316111286563 z^{30}$ $+341421638927165 z^{28} + 204852926760467 z^{26}$ $+94704433685645 z^{24} + 33510807344827 z^{22}$ $+8990688810917 z^{20} + 1805750339915 z^{18}$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$

		$+266934502741 z^{16} + 28396923335 z^{14}$ $+2110069529 z^{12} + 104790199 z^{10} + 3344745 z^8$ $+56079 z^6 + 465 z^4 + 31 z^2 + 1$	
$\{[62, 2, 51]\}$	$x^{11} + x^8 + x^7 + x^5 + x^4 + 1$	$z^{62} + 31 z^{60} + 465 z^{58} + 56079 z^{56} + 3344745 z^{54}$ $+ 104790199 z^{52} + 2110069529 z^{50}$ $+ 28396923335 z^{48} + 266934502741 z^{46}$ $+ 1805750339915 z^{44} + 8990688810917 z^{42}$ $+ 33510807344827 z^{40} + 94704433685645 z^{38}$ $+ 204852926760467 z^{36} + 341421638927165 z^{34}$ $+ 440316111286563 z^{32} + 440316111286563 z^{30}$ $+ 341421638927165 z^{28} + 204852926760467 z^{26}$ $+ 94704433685645 z^{24} + 33510807344827 z^{22}$ $+ 8990688810917 z^{20} + 1805750339915 z^{18}$ $+ 266934502741 z^{16} + 28396923335 z^{14}$ $+ 2110069529 z^{12} + 104790199 z^{10} + 3344745 z^8$ $+ 56079 z^6 + 465 z^4 + 31 z^2 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^9 + x^7 + x^4 + x^3 + x^2 + x + 1$	$z^{62} + 31 z^{60} + 465 z^{58} + 56079 z^{56} + 3344745 z^{54}$ $+ 104790199 z^{52} + 2110069529 z^{50}$ $+ 28396923335 z^{48} + 266934502741 z^{46}$ $+ 1805750339915 z^{44} + 8990688810917 z^{42}$ $+ 33510807344827 z^{40} + 94704433685645 z^{38}$ $+ 204852926760467 z^{36} + 341421638927165 z^{34}$ $+ 440316111286563 z^{32} + 440316111286563 z^{30}$ $+ 341421638927165 z^{28} + 204852926760467 z^{26}$ $+ 94704433685645 z^{24} + 33510807344827 z^{22}$ $+ 8990688810917 z^{20} + 1805750339915 z^{18}$ $+ 266934502741 z^{16} + 28396923335 z^{14}$ $+ 2110069529 z^{12} + 104790199 z^{10} + 3344745 z^8$ $+ 56079 z^6 + 465 z^4 + 31 z^2 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
		$z^{62} + 31 z^{60} + 465 z^{58} + 56079 z^{56} + 3344745 z^{54}$ $+ 104790199 z^{52} + 2110069529 z^{50}$	

$\{[62, 2, 51]\}$	$x^{11} + x^9 + x^5 + x^3 + x + 1$	$+28396923335 z^{48} + 266934502741 z^{46}$ $+1805750339915 z^{44} + 8990688810917 z^{42}$ $+33510807344827 z^{40} + 94704433685645 z^{38}$ $+204852926760467 z^{36} + 341421638927165 z^{34}$ $+440316111286563 z^{32} + 440316111286563 z^{30}$ $+341421638927165 z^{28} + 204852926760467 z^{26}$ $+94704433685645 z^{24} + 33510807344827 z^{22}$ $+8990688810917 z^{20} + 1805750339915 z^{18}$ $+266934502741 z^{16} + 28396923335 z^{14}$ $+2110069529 z^{12} + 104790199 z^{10} + 3344745 z^8$ $+56079 z^6 + 465 z^4 + 31 z^2 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^9 + x^4 + x^3 + x^2 + 1$	$z^{62} + 31 z^{60} + 465 z^{58} + 56079 z^{56} + 3344745 z^{54}$ $+104790199 z^{52} + 2110069529 z^{50}$ $+28396923335 z^{48} + 266934502741 z^{46}$ $+1805750339915 z^{44} + 8990688810917 z^{42}$ $+33510807344827 z^{40} + 94704433685645 z^{38}$ $+204852926760467 z^{36} + 341421638927165 z^{34}$ $+440316111286563 z^{32} + 440316111286563 z^{30}$ $+341421638927165 z^{28} + 204852926760467 z^{26}$ $+94704433685645 z^{24} + 33510807344827 z^{22}$ $+8990688810917 z^{20} + 1805750339915 z^{18}$ $+266934502741 z^{16} + 28396923335 z^{14}$ $+2110069529 z^{12} + 104790199 z^{10} + 3344745 z^8$ $+56079 z^6 + 465 z^4 + 31 z^2 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^9 + x^8 + x^7 + x^2 + 1$	$z^{62} + 31 z^{60} + 465 z^{58} + 56079 z^{56} + 3344745 z^{54}$ $+104790199 z^{52} + 2110069529 z^{50}$ $+28396923335 z^{48} + 266934502741 z^{46}$ $+1805750339915 z^{44} + 8990688810917 z^{42}$ $+33510807344827 z^{40} + 94704433685645 z^{38}$ $+204852926760467 z^{36} + 341421638927165 z^{34}$ $+440316111286563 z^{32} + 440316111286563 z^{30}$	

		$ \begin{aligned} &+341421638927165 z^{28} + 204852926760467 z^{26} \\ &+94704433685645 z^{24} + 33510807344827 z^{22} \\ &+8990688810917 z^{20} + 1805750339915 z^{18} \\ &+266934502741 z^{16} + 28396923335 z^{14} \\ &+2110069529 z^{12} + 104790199 z^{10} + 3344745 z^8 \\ &+56079 z^6 + 465 z^4 + 31 z^2 + 1 \end{aligned} $	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^9 + x^8 + x^3 + x^2 + 1$	$ \begin{aligned} &z^{62} + 31 z^{60} + 465 z^{58} + 58063 z^{56} + 3314985 z^{54} \\ &+ 104988599 z^{52} + 2109315609 z^{50} \\ &+ 28398609735 z^{48} + 266932760789 z^{46} \\ &+ 1805748792395 z^{44} + 8990697104037 z^{42} \\ &+ 33510795470587 z^{40} + 94704436889805 z^{38} \\ &+ 204852942140435 z^{36} + 341421613293885 z^{34} \\ &+ 440316124103203 z^{32} + 440316124103203 z^{30} \\ &+ 341421613293885 z^{28} + 204852942140435 z^{26} \\ &+ 94704436889805 z^{24} + 33510795470587 z^{22} \\ &+ 8990697104037 z^{20} + 1805748792395 z^{18} \\ &+ 266932760789 z^{16} + 28398609735 z^{14} \\ &+ 2109315609 z^{12} + 104988599 z^{10} + 3314985 z^8 \\ &+ 58063 z^6 + 465 z^4 + 31 z^2 + 1 \end{aligned} $	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x + 1$	$ \begin{aligned} &z^{62} + 2170 z^{58} + 69161 z^{56} + 3287395 z^{54} \\ &+ 104472666 z^{52} + 2111376644 z^{50} \\ &+ 28399345675 z^{48} + 266918128665 z^{46} \\ &+ 1805755963780 z^{44} + 8990793074054 z^{42} \\ &+ 33510550451361 z^{40} + 94704590191315 z^{38} \\ &+ 204853260666086 z^{36} + 341420917589560 z^{34} \\ &+ 440316502224091 z^{32} + 440316502224091 z^{30} \\ &+ 341420917589560 z^{28} + 204853260666086 z^{26} \\ &+ 94704590191315 z^{24} + 33510550451361 z^{22} \\ &+ 8990793074054 z^{20} + 1805755963780 z^{18} \end{aligned} $	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$

		$+266918128665 z^{16} + 28399345675 z^{14}$ $+2111376644 z^{12} + 104472666 z^{10} + 3287395 z^8$ $+69161 z^6 + 2170 z^4 + 1$	
$\{[62, 2, 51]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^3 + x^2 + x + 1$	$z^{62} + 2170 z^{58} + 69161 z^{56} + 3287395 z^{54}$ $+ 104472666 z^{52} + 2111376644 z^{50}$ $+ 28399345675 z^{48} + 266918128665 z^{46}$ $+ 1805755963780 z^{44} + 8990793074054 z^{42}$ $+ 33510550451361 z^{40} + 94704590191315 z^{38}$ $+ 204853260666086 z^{36} + 341420917589560 z^{34}$ $+ 440316502224091 z^{32} + 440316502224091 z^{30}$ $+ 341420917589560 z^{28} + 204853260666086 z^{26}$ $+ 94704590191315 z^{24} + 33510550451361 z^{22}$ $+ 8990793074054 z^{20} + 1805755963780 z^{18}$ $+ 266918128665 z^{16} + 28399345675 z^{14}$ $+ 2111376644 z^{12} + 104472666 z^{10} + 3287395 z^8$ $+ 69161 z^6 + 2170 z^4 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^4 + x^2 + 1$	$z^{62} + 31 z^{60} + 465 z^{58} + 56079 z^{56} + 3344745 z^{54}$ $+ 104790199 z^{52} + 2110069529 z^{50}$ $+ 28396923335 z^{48} + 266934502741 z^{46}$ $+ 1805750339915 z^{44} + 8990688810917 z^{42}$ $+ 33510807344827 z^{40} + 94704433685645 z^{38}$ $+ 204852926760467 z^{36} + 341421638927165 z^{34}$ $+ 440316111286563 z^{32} + 440316111286563 z^{30}$ $+ 341421638927165 z^{28} + 204852926760467 z^{26}$ $+ 94704433685645 z^{24} + 33510807344827 z^{22}$ $+ 8990688810917 z^{20} + 1805750339915 z^{18}$ $+ 266934502741 z^{16} + 28396923335 z^{14}$ $+ 2110069529 z^{12} + 104790199 z^{10} + 3344745 z^8$ $+ 56079 z^6 + 465 z^4 + 31 z^2 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
		$z^{62} + 2170 z^{58} + 69161 z^{56} + 3287395 z^{54}$ $+ 104472666 z^{52} + 2111376644 z^{50}$	

$\{[62, 2, 51]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^5 + x^4 + x^3 + x^2 + x + 1$	$+28399345675 z^{48} + 266918128665 z^{46}$ $+1805755963780 z^{44} + 8990793074054 z^{42}$ $+33510550451361 z^{40} + 94704590191315 z^{38}$ $+204853260666086 z^{36} + 341420917589560 z^{34}$ $+440316502224091 z^{32} + 440316502224091 z^{30}$ $+341420917589560 z^{28} + 204853260666086 z^{26}$ $+94704590191315 z^{24} + 33510550451361 z^{22}$ $+8990793074054 z^{20} + 1805755963780 z^{18}$ $+266918128665 z^{16} + 28399345675 z^{14}$ $+2111376644 z^{12} + 104472666 z^{10} + 3287395 z^8$ $+69161 z^6 + 2170 z^4 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^6 + x^5 + x^4 + x^2 + x + 1$	$z^{62} + 31 z^{60} + 465 z^{58} + 58063 z^{56} + 3314985 z^{54}$ $+104988599 z^{52} + 2109315609 z^{50}$ $+28398609735 z^{48} + 266932760789 z^{46}$ $+1805748792395 z^{44} + 8990697104037 z^{42}$ $+33510795470587 z^{40} + 94704436889805 z^{38}$ $+204852942140435 z^{36} + 341421613293885 z^{34}$ $+440316124103203 z^{32} + 440316124103203 z^{30}$ $+341421613293885 z^{28} + 204852942140435 z^{26}$ $+94704436889805 z^{24} + 33510795470587 z^{22}$ $+8990697104037 z^{20} + 1805748792395 z^{18}$ $+266932760789 z^{16} + 28398609735 z^{14}$ $+2109315609 z^{12} + 104988599 z^{10} + 3314985 z^8$ $+58063 z^6 + 465 z^4 + 31 z^2 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^{10} + x^9 + x^6 + x^5 + 1$	$z^{62} + 31 z^{60} + 465 z^{58} + 56079 z^{56} + 3344745 z^{54}$ $+104790199 z^{52} + 2110069529 z^{50}$ $+28396923335 z^{48} + 266934502741 z^{46}$ $+1805750339915 z^{44} + 8990688810917 z^{42}$ $+33510807344827 z^{40} + 94704433685645 z^{38}$ $+204852926760467 z^{36} + 341421638927165 z^{34}$ $+440316111286563 z^{32} + 440316111286563 z^{30}$	

		$ \begin{aligned} &+341421638927165 z^{28} + 204852926760467 z^{26} \\ &+94704433685645 z^{24} + 33510807344827 z^{22} \\ &+8990688810917 z^{20} + 1805750339915 z^{18} \\ &+266934502741 z^{16} + 28396923335 z^{14} \\ &+2110069529 z^{12} + 104790199 z^{10} + 3344745 z^8 \\ &+56079 z^6 + 465 z^4 + 31 z^2 + 1 \end{aligned} $	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^4 + x^3 + 1$	$ \begin{aligned} &z^{62} + 31 z^{60} + 465 z^{58} + 56079 z^{56} + 3344745 z^{54} \\ &+ 104790199 z^{52} + 2110069529 z^{50} \\ &+ 28396923335 z^{48} + 266934502741 z^{46} \\ &+ 1805750339915 z^{44} + 8990688810917 z^{42} \\ &+ 33510807344827 z^{40} + 94704433685645 z^{38} \\ &+ 204852926760467 z^{36} + 341421638927165 z^{34} \\ &+ 440316111286563 z^{32} + 440316111286563 z^{30} \\ &+ 341421638927165 z^{28} + 204852926760467 z^{26} \\ &+ 94704433685645 z^{24} + 33510807344827 z^{22} \\ &+ 8990688810917 z^{20} + 1805750339915 z^{18} \\ &+ 266934502741 z^{16} + 28396923335 z^{14} \\ &+ 2110069529 z^{12} + 104790199 z^{10} + 3344745 z^8 \\ &+ 56079 z^6 + 465 z^4 + 31 z^2 + 1 \end{aligned} $	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^{10} + x^8 + x^6 + x^2 + 1$	$ \begin{aligned} &z^{62} + 31 z^{60} + 465 z^{58} + 56079 z^{56} + 3344745 z^{54} \\ &+ 104790199 z^{52} + 2110069529 z^{50} \\ &+ 28396923335 z^{48} + 266934502741 z^{46} \\ &+ 1805750339915 z^{44} + 8990688810917 z^{42} \\ &+ 33510807344827 z^{40} + 94704433685645 z^{38} \\ &+ 204852926760467 z^{36} + 341421638927165 z^{34} \\ &+ 440316111286563 z^{32} + 440316111286563 z^{30} \\ &+ 341421638927165 z^{28} + 204852926760467 z^{26} \\ &+ 94704433685645 z^{24} + 33510807344827 z^{22} \\ &+ 8990688810917 z^{20} + 1805750339915 z^{18} \end{aligned} $	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$

		$+266934502741 z^{16} + 28396923335 z^{14}$ $+2110069529 z^{12} + 104790199 z^{10} + 3344745 z^8$ $+56079 z^6 + 465 z^4 + 31 z^2 + 1$	
$\{[62, 2, 51]\}$	$x^{11} + x^{10} + x^7 + x^6 + x + 1$	$z^{62} + 2170 z^{58} + 69161 z^{56} + 3287395 z^{54}$ $+ 104472666 z^{52} + 2111376644 z^{50}$ $+ 28399345675 z^{48} + 266918128665 z^{46}$ $+ 1805755963780 z^{44} + 8990793074054 z^{42}$ $+ 33510550451361 z^{40} + 94704590191315 z^{38}$ $+ 204853260666086 z^{36} + 341420917589560 z^{34}$ $+ 440316502224091 z^{32} + 440316502224091 z^{30}$ $+ 341420917589560 z^{28} + 204853260666086 z^{26}$ $+ 94704590191315 z^{24} + 33510550451361 z^{22}$ $+ 8990793074054 z^{20} + 1805755963780 z^{18}$ $+ 266918128665 z^{16} + 28399345675 z^{14}$ $+ 2111376644 z^{12} + 104472666 z^{10} + 3287395 z^8$ $+ 69161 z^6 + 2170 z^4 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^{10} + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{62} + 2170 z^{58} + 69161 z^{56} + 3287395 z^{54}$ $+ 104472666 z^{52} + 2111376644 z^{50}$ $+ 28399345675 z^{48} + 266918128665 z^{46}$ $+ 1805755963780 z^{44} + 8990793074054 z^{42}$ $+ 33510550451361 z^{40} + 94704590191315 z^{38}$ $+ 204853260666086 z^{36} + 341420917589560 z^{34}$ $+ 440316502224091 z^{32} + 440316502224091 z^{30}$ $+ 341420917589560 z^{28} + 204853260666086 z^{26}$ $+ 94704590191315 z^{24} + 33510550451361 z^{22}$ $+ 8990793074054 z^{20} + 1805755963780 z^{18}$ $+ 266918128665 z^{16} + 28399345675 z^{14}$ $+ 2111376644 z^{12} + 104472666 z^{10} + 3287395 z^8$ $+ 69161 z^6 + 2170 z^4 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
		$z^{62} + 31 z^{60} + 465 z^{58} + 58063 z^{56} + 3314985 z^{54}$ $+ 104988599 z^{52} + 2109315609 z^{50}$	

$\{[62, 2, 51]\}$	$x^{11} + x^{10} + x^7 + x^4 + x + 1$	$+28398609735 z^{48} + 266932760789 z^{46}$ $+1805748792395 z^{44} + 8990697104037 z^{42}$ $+33510795470587 z^{40} + 94704436889805 z^{38}$ $+204852942140435 z^{36} + 341421613293885 z^{34}$ $+440316124103203 z^{32} + 440316124103203 z^{30}$ $+341421613293885 z^{28} + 204852942140435 z^{26}$ $+94704436889805 z^{24} + 33510795470587 z^{22}$ $+8990697104037 z^{20} + 1805748792395 z^{18}$ $+266932760789 z^{16} + 28398609735 z^{14}$ $+2109315609 z^{12} + 104988599 z^{10} + 3314985 z^8$ $+58063 z^6 + 465 z^4 + 31 z^2 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 51]\}$	$x^{11} + x^{10} + x^5 + x^4 + x + 1$	$z^{62} + 2170 z^{58} + 69161 z^{56} + 3287395 z^{54}$ $+104472666 z^{52} + 2111376644 z^{50}$ $+28399345675 z^{48} + 266918128665 z^{46}$ $+1805755963780 z^{44} + 8990793074054 z^{42}$ $+33510550451361 z^{40} + 94704590191315 z^{38}$ $+204853260666086 z^{36} + 341420917589560 z^{34}$ $+440316502224091 z^{32} + 440316502224091 z^{30}$ $+341420917589560 z^{28} + 204853260666086 z^{26}$ $+94704590191315 z^{24} + 33510550451361 z^{22}$ $+8990793074054 z^{20} + 1805755963780 z^{18}$ $+266918128665 z^{16} + 28399345675 z^{14}$ $+2111376644 z^{12} + 104472666 z^{10} + 3287395 z^8$ $+69161 z^6 + 2170 z^4 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
		$z^{63} + 252 z^{59} + 4158 z^{58} + 33138 z^{57} + 260631 z^{56}$ $+1893465 z^{55} + 11624298 z^{54} + 62390790 z^{53}$ $+300374676 z^{52} + 1302986496 z^{51}$ $+5112446724 z^{50} + 18255398940 z^{49}$ $+59632859055 z^{48} + 178904116125 z^{47}$ $+494618741820 z^{46} + 1264020179940 z^{45}$ $+2993731604640 z^{44} + 6586210459836 z^{43}$	

$\{[63, 2, 52]\}$	$x^{11} + x^7 + x^5 + x^2 + 1$	$+13486053893514 z^{42} + 25746109304454 z^{41}$ $+45895208156091 z^{40} + 76492003171605 z^{39}$ $+119327628416094 z^{38} + 174401925385842 z^{37}$ $+238995003062452 z^{36} + 307279289826144 z^{35}$ $+370854679187160 z^{34} + 420301966706664 z^{33}$ $+447417781200243 z^{32} + 447417781200243 z^{31}$ $+420301966706664 z^{30} + 370854679187160 z^{29}$ $+307279289826144 z^{28} + 238995003062452 z^{27}$ $+174401925385842 z^{26} + 119327628416094 z^{25}$ $+76492003171605 z^{24} + 45895208156091 z^{23}$ $+25746109304454 z^{22} + 13486053893514 z^{21}$ $+6586210459836 z^{20} + 2993731604640 z^{19}$ $+1264020179940 z^{18} + 494618741820 z^{17}$ $+178904116125 z^{16} + 59632859055 z^{15}$ $+18255398940 z^{14} + 5112446724 z^{13}$ $+1302986496 z^{12} + 300374676 z^{11}$ $+62390790 z^{10} + 11624298 z^9 + 1893465 z^8$ $+260631 z^7 + 33138 z^6 + 4158 z^5 + 252 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 52]\}$	$x^{11} + x^8 + x^5 + x + 1$	$z^{63} + 189 z^{59} + 3591 z^{58} + 33957 z^{57} + 271026 z^{56}$ $+1889496 z^{55} + 11536161 z^{54} + 62395515 z^{53}$ $+300829473 z^{52} + 1303023918 z^{51}$ $+5110872354 z^{50} + 18255196710 z^{49}$ $+59636621289 z^{48} + 178904516679 z^{47}$ $+494612766774 z^{46} + 1264020261714 z^{45}$ $+2993736531870 z^{44} + 6586207975431 z^{43}$ $+13486056637101 z^{42} + 25746116032791 z^{41}$ $+45895193079876 z^{40} + 76491994152210 z^{39}$ $+119327650892163 z^{38} + 174401928865521 z^{37}$ $+238994987821051 z^{36} + 307279300326228 z^{35}$ $+370854674710380 z^{34} + 420301943508804 z^{33}$ $+447417802932975 z^{32} + 447417802932975 z^{31}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$ \begin{aligned} &+420301943508804 z^{30} + 370854674710380 z^{29} \\ &+307279300326228 z^{28} + 238994987821051 z^{27} \\ &+174401928865521 z^{26} + 119327650892163 z^{25} \\ &+76491994152210 z^{24} + 45895193079876 z^{23} \\ &+25746116032791 z^{22} + 13486056637101 z^{21} \\ &+6586207975431 z^{20} + 2993736531870 z^{19} \\ &+1264020261714 z^{18} + 494612766774 z^{17} \\ &+178904516679 z^{16} + 59636621289 z^{15} \\ &+18255196710 z^{14} + 5110872354 z^{13} \\ &+1303023918 z^{12} + 300829473 z^{11} \\ &+62395515 z^{10} + 11536161 z^9 + 1889496 z^8 \\ &+271026 z^7 + 33957 z^6 + 3591 z^5 + 189 z^4 + 1 \end{aligned} $	
$\{[63, 2, 52]\}$	$x^{11} + x^8 + x^7 + x^2 + 1$	$ \begin{aligned} &z^{63} + 63 z^{61} + 1890 z^{59} + 5103 z^{58} + 35910 z^{57} \\ &+ 253449 z^{56} + 1862595 z^{55} + 11436390 z^{54} \\ &+ 62353557 z^{53} + 301555170 z^{52} \\ &+ 1303163316 z^{51} + 5112837765 z^{50} \\ &+ 18255953340 z^{49} + 59612822283 z^{48} \\ &+ 178902914841 z^{47} + 494679915324 z^{46} \\ &+ 1264017545847 z^{45} + 2993685961140 z^{44} \\ &+ 6586214378814 z^{43} + 13485912071463 z^{42} \\ &+ 25746117010362 z^{41} + 45895597421121 z^{40} \\ &+ 76492026642675 z^{39} + 119327320500570 z^{38} \\ &+ 174401749773909 z^{37} + 238994791061950 z^{36} \\ &+ 307279590533208 z^{35} + 370855308902085 z^{34} \\ &+ 420301895371848 z^{33} + 447417341399259 z^{32} \\ &+ 447417341399259 z^{31} + 420301895371848 z^{30} \\ &+ 370855308902085 z^{29} + 307279590533208 z^{28} \\ &+ 238994791061950 z^{27} + 174401749773909 z^{26} \\ &+ 119327320500570 z^{25} + 76492026642675 z^{24} \\ &+ 45895597421121 z^{23} + 25746117010362 z^{22} \\ &+ 13485912071463 z^{21} + 6586214378814 z^{20} \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $

		$+2993685961140 z^{19} + 1264017545847 z^{18}$ $+494679915324 z^{17} + 178902914841 z^{16}$ $+59612822283 z^{15} + 18255953340 z^{14}$ $+5112837765 z^{13} + 1303163316 z^{12}$ $+301555170 z^{11} + 62353557 z^{10} + 11436390 z^9$ $+1862595 z^8 + 253449 z^7 + 35910 z^6 + 5103 z^5$ $+1890 z^4 + 63 z^2 + 1$	
$\{[63, 2, 52]\}$	$x^{11} + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x + 1$	$z^{63} + 2331 z^{59} + 101304 z^{57} + 3571470 z^{55}$ $+5044200 z^{54} + 85584240 z^{53} + 226989063 z^{52}$ $+1492751442 z^{51} + 4675973904 z^{50}$ $+19081012608 z^{49} + 58418334093 z^{48}$ $+180186047307 z^{47} + 494459937216 z^{46}$ $+1261079409744 z^{45} + 3001404798882 z^{44}$ $+6573596102577 z^{43} + 13499283740208 z^{42}$ $+25741845743544 z^{41} + 45881243422686 z^{40}$ $+76528628861748 z^{39} + 119277452647080 z^{38}$ $+174439167059808 z^{37} + 238996241017933 z^{36}$ $+307228971862764 z^{35} + 370941282857376 z^{34}$ $+420221420622528 z^{33} + 447449560189191 z^{32}$ $+447449560189191 z^{31} + 420221420622528 z^{30}$ $+370941282857376 z^{29} + 307228971862764 z^{28}$ $+238996241017933 z^{27} + 174439167059808 z^{26}$ $+119277452647080 z^{25} + 76528628861748 z^{24}$ $+45881243422686 z^{23} + 25741845743544 z^{22}$ $+13499283740208 z^{21} + 6573596102577 z^{20}$ $+3001404798882 z^{19} + 1261079409744 z^{18}$ $+494459937216 z^{17} + 180186047307 z^{16}$ $+58418334093 z^{15} + 19081012608 z^{14}$ $+4675973904 z^{13} + 1492751442 z^{12}$ $+226989063 z^{11} + 85584240 z^{10} + 5044200 z^9$ $+3571470 z^8 + 101304 z^6 + 2331 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

$\{[63, 2, 52]\}$	$x^{11} + x^9 + x^7 + x^6 + x^5 + x^4 + x^2 + x + 1$	$ \begin{aligned} & z^{63} + 252 z^{59} + 4158 z^{58} + 33138 z^{57} + 260631 z^{56} \\ & + 1893465 z^{55} + 11624298 z^{54} + 62390790 z^{53} \\ & + 300374676 z^{52} + 1302986496 z^{51} \\ & + 5112446724 z^{50} + 18255398940 z^{49} \\ & + 59632859055 z^{48} + 178904116125 z^{47} \\ & + 494618741820 z^{46} + 1264020179940 z^{45} \\ & + 2993731604640 z^{44} + 6586210459836 z^{43} \\ & + 13486053893514 z^{42} + 25746109304454 z^{41} \\ & + 45895208156091 z^{40} + 76492003171605 z^{39} \\ & + 119327628416094 z^{38} + 174401925385842 z^{37} \\ & + 238995003062452 z^{36} + 307279289826144 z^{35} \\ & + 370854679187160 z^{34} + 420301966706664 z^{33} \\ & + 447417781200243 z^{32} + 447417781200243 z^{31} \\ & + 420301966706664 z^{30} + 370854679187160 z^{29} \\ & + 307279289826144 z^{28} + 238995003062452 z^{27} \\ & + 174401925385842 z^{26} + 119327628416094 z^{25} \\ & + 76492003171605 z^{24} + 45895208156091 z^{23} \\ & + 25746109304454 z^{22} + 13486053893514 z^{21} \\ & + 6586210459836 z^{20} + 2993731604640 z^{19} \\ & + 1264020179940 z^{18} + 494618741820 z^{17} \\ & + 178904116125 z^{16} + 59632859055 z^{15} \\ & + 18255398940 z^{14} + 5112446724 z^{13} \\ & + 1302986496 z^{12} + 300374676 z^{11} \\ & + 62390790 z^{10} + 11624298 z^9 + 1893465 z^8 \\ & + 260631 z^7 + 33138 z^6 + 4158 z^5 + 252 z^4 + 1 \end{aligned} $	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
		$ \begin{aligned} & z^{63} + 63 z^{61} + 1890 z^{59} + 5103 z^{58} + 35910 z^{57} \\ & + 253449 z^{56} + 1862595 z^{55} + 11436390 z^{54} \\ & + 62353557 z^{53} + 301555170 z^{52} \\ & + 1303163316 z^{51} + 5112837765 z^{50} \\ & + 18255953340 z^{49} + 59612822283 z^{48} \\ & + 178902914841 z^{47} + 494679915324 z^{46} \end{aligned} $	

$\{[63, 2, 52]\}$	$x^{11} + x^9 + x^4 + x^3 + 1$	$ \begin{aligned} &+1264017545847 z^{45} + 2993685961140 z^{44} \\ &+6586214378814 z^{43} + 13485912071463 z^{42} \\ &+25746117010362 z^{41} + 45895597421121 z^{40} \\ &+76492026642675 z^{39} + 119327320500570 z^{38} \\ &+174401749773909 z^{37} + 238994791061950 z^{36} \\ &+307279590533208 z^{35} + 370855308902085 z^{34} \\ &+420301895371848 z^{33} + 447417341399259 z^{32} \\ &+447417341399259 z^{31} + 420301895371848 z^{30} \\ &+370855308902085 z^{29} + 307279590533208 z^{28} \\ &+238994791061950 z^{27} + 174401749773909 z^{26} \\ &+119327320500570 z^{25} + 76492026642675 z^{24} \\ &+45895597421121 z^{23} + 25746117010362 z^{22} \\ &+13485912071463 z^{21} + 6586214378814 z^{20} \\ &+2993685961140 z^{19} + 1264017545847 z^{18} \\ &+494679915324 z^{17} + 178902914841 z^{16} \\ &+59612822283 z^{15} + 18255953340 z^{14} \\ &+5112837765 z^{13} + 1303163316 z^{12} \\ &+301555170 z^{11} + 62353557 z^{10} + 11436390 z^9 \\ &+1862595 z^8 + 253449 z^7 + 35910 z^6 + 5103 z^5 \\ &+1890 z^4 + 63 z^2 + 1 \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$ \begin{aligned} &z^{63} + 252 z^{59} + 4158 z^{58} + 33138 z^{57} + 260631 z^{56} \\ &+1893465 z^{55} + 11624298 z^{54} + 62390790 z^{53} \\ &+300374676 z^{52} + 1302986496 z^{51} \\ &+5112446724 z^{50} + 18255398940 z^{49} \\ &+59632859055 z^{48} + 178904116125 z^{47} \\ &+494618741820 z^{46} + 1264020179940 z^{45} \\ &+2993731604640 z^{44} + 6586210459836 z^{43} \\ &+13486053893514 z^{42} + 25746109304454 z^{41} \\ &+45895208156091 z^{40} + 76492003171605 z^{39} \\ &+119327628416094 z^{38} + 174401925385842 z^{37} \\ &+238995003062452 z^{36} + 307279289826144 z^{35} \end{aligned} $	

$\{[63, 2, 52]\}$	$x^{11} + x^9 + x^6 + x^4 + 1$	$+370854679187160 z^{34} + 420301966706664 z^{33}$ $+447417781200243 z^{32} + 447417781200243 z^{31}$ $+420301966706664 z^{30} + 370854679187160 z^{29}$ $+307279289826144 z^{28} + 238995003062452 z^{27}$ $+174401925385842 z^{26} + 119327628416094 z^{25}$ $+76492003171605 z^{24} + 45895208156091 z^{23}$ $+25746109304454 z^{22} + 13486053893514 z^{21}$ $+6586210459836 z^{20} + 2993731604640 z^{19}$ $+1264020179940 z^{18} + 494618741820 z^{17}$ $+178904116125 z^{16} + 59632859055 z^{15}$ $+18255398940 z^{14} + 5112446724 z^{13}$ $+1302986496 z^{12} + 300374676 z^{11}$ $+62390790 z^{10} + 11624298 z^9 + 1893465 z^8$ $+260631 z^7 + 33138 z^6 + 4158 z^5 + 252 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 52]\}$	$x^{11} + x^9 + x^8 + x^7 + x^3 + x^2 + 1$	$z^{63} + 189 z^{59} + 3591 z^{58} + 33957 z^{57} + 271026 z^{56}$ $+1889496 z^{55} + 11536161 z^{54} + 62395515 z^{53}$ $+300829473 z^{52} + 1303023918 z^{51}$ $+5110872354 z^{50} + 18255196710 z^{49}$ $+59636621289 z^{48} + 178904516679 z^{47}$ $+494612766774 z^{46} + 1264020261714 z^{45}$ $+2993736531870 z^{44} + 6586207975431 z^{43}$ $+13486056637101 z^{42} + 25746116032791 z^{41}$ $+45895193079876 z^{40} + 76491994152210 z^{39}$ $+119327650892163 z^{38} + 174401928865521 z^{37}$ $+238994987821051 z^{36} + 307279300326228 z^{35}$ $+370854674710380 z^{34} + 420301943508804 z^{33}$ $+447417802932975 z^{32} + 447417802932975 z^{31}$ $+420301943508804 z^{30} + 370854674710380 z^{29}$ $+307279300326228 z^{28} + 238994987821051 z^{27}$ $+174401928865521 z^{26} + 119327650892163 z^{25}$ $+76491994152210 z^{24} + 45895193079876 z^{23}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+25746116032791 z^{22} + 13486056637101 z^{21}$ $+6586207975431 z^{20} + 2993736531870 z^{19}$ $+1264020261714 z^{18} + 494612766774 z^{17}$ $+178904516679 z^{16} + 59636621289 z^{15}$ $+18255196710 z^{14} + 5110872354 z^{13}$ $+1303023918 z^{12} + 300829473 z^{11}$ $+62395515 z^{10} + 11536161 z^9 + 1889496 z^8$ $+271026 z^7 + 33957 z^6 + 3591 z^5 + 189 z^4 + 1$	
$\{[63, 2, 52]\}$	$x^{11} + x^9 + x^8 + x^4 + x^3 + x^2 + 1$	$z^{63} + 189 z^{59} + 3591 z^{58} + 33957 z^{57} + 271026 z^{56}$ $+1889496 z^{55} + 11536161 z^{54} + 62395515 z^{53}$ $+300829473 z^{52} + 1303023918 z^{51}$ $+5110872354 z^{50} + 18255196710 z^{49}$ $+59636621289 z^{48} + 178904516679 z^{47}$ $+494612766774 z^{46} + 1264020261714 z^{45}$ $+2993736531870 z^{44} + 6586207975431 z^{43}$ $+13486056637101 z^{42} + 25746116032791 z^{41}$ $+45895193079876 z^{40} + 76491994152210 z^{39}$ $+119327650892163 z^{38} + 174401928865521 z^{37}$ $+238994987821051 z^{36} + 307279300326228 z^{35}$ $+370854674710380 z^{34} + 420301943508804 z^{33}$ $+447417802932975 z^{32} + 447417802932975 z^{31}$ $+420301943508804 z^{30} + 370854674710380 z^{29}$ $+307279300326228 z^{28} + 238994987821051 z^{27}$ $+174401928865521 z^{26} + 119327650892163 z^{25}$ $+76491994152210 z^{24} + 45895193079876 z^{23}$ $+25746116032791 z^{22} + 13486056637101 z^{21}$ $+6586207975431 z^{20} + 2993736531870 z^{19}$ $+1264020261714 z^{18} + 494612766774 z^{17}$ $+178904516679 z^{16} + 59636621289 z^{15}$ $+18255196710 z^{14} + 5110872354 z^{13}$ $+1303023918 z^{12} + 300829473 z^{11}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+62395515 z^{10} + 11536161 z^9 + 1889496 z^8$ $+ 271026 z^7 + 33957 z^6 + 3591 z^5 + 189 z^4 + 1$	
$\{[63, 2, 52]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^2 + x + 1$	$z^{63} + 63 z^{61} + 3591 z^{59} + 124929 z^{57} + 3648078 z^{55}$ $+ 6751269 z^{54} + 79195410 z^{53} + 263299491 z^{52}$ $+ 1373163834 z^{51} + 5000761395 z^{50}$ $+ 18293356566 z^{49} + 59766841197 z^{48}$ $+ 178301524779 z^{47} + 495984625542 z^{46}$ $+ 1262776633461 z^{45} + 2994095957706 z^{44}$ $+ 6588285988725 z^{43} + 13479708164418 z^{42}$ $+ 25752839301315 z^{41} + 45891970659486 z^{40}$ $+ 76487665478196 z^{39} + 119344561987959 z^{38}$ $+ 174383132966028 z^{37} + 239003278187905 z^{36}$ $+ 307287029734236 z^{35} + 370826146729017 z^{34}$ $+ 420331913116164 z^{33} + 447407335484487 z^{32}$ $+ 447407335484487 z^{31} + 420331913116164 z^{30}$ $+ 370826146729017 z^{29} + 307287029734236 z^{28}$ $+ 239003278187905 z^{27} + 174383132966028 z^{26}$ $+ 119344561987959 z^{25} + 76487665478196 z^{24}$ $+ 45891970659486 z^{23} + 25752839301315 z^{22}$ $+ 13479708164418 z^{21} + 6588285988725 z^{20}$ $+ 2994095957706 z^{19} + 1262776633461 z^{18}$ $+ 495984625542 z^{17} + 178301524779 z^{16}$ $+ 59766841197 z^{15} + 18293356566 z^{14}$ $+ 5000761395 z^{13} + 1373163834 z^{12}$ $+ 263299491 z^{11} + 79195410 z^{10} + 6751269 z^9$ $+ 3648078 z^8 + 124929 z^6 + 3591 z^4 + 63 z^2 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
		$z^{63} + 252 z^{59} + 4158 z^{58} + 33138 z^{57} + 260631 z^{56}$ $+ 1893465 z^{55} + 11624298 z^{54} + 62390790 z^{53}$ $+ 300374676 z^{52} + 1302986496 z^{51}$ $+ 5112446724 z^{50} + 18255398940 z^{49}$ $+ 59632859055 z^{48} + 178904116125 z^{47}$	

$\{[63, 2, 52]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^3 + x + 1$	$ \begin{aligned} &+494618741820 z^{46} + 1264020179940 z^{45} \\ &+2993731604640 z^{44} + 6586210459836 z^{43} \\ &+13486053893514 z^{42} + 25746109304454 z^{41} \\ &+45895208156091 z^{40} + 76492003171605 z^{39} \\ &+119327628416094 z^{38} + 174401925385842 z^{37} \\ &+238995003062452 z^{36} + 307279289826144 z^{35} \\ &+370854679187160 z^{34} + 420301966706664 z^{33} \\ &+447417781200243 z^{32} + 447417781200243 z^{31} \\ &+420301966706664 z^{30} + 370854679187160 z^{29} \\ &+307279289826144 z^{28} + 238995003062452 z^{27} \\ &+174401925385842 z^{26} + 119327628416094 z^{25} \\ &+76492003171605 z^{24} + 45895208156091 z^{23} \\ &+25746109304454 z^{22} + 13486053893514 z^{21} \\ &+6586210459836 z^{20} + 2993731604640 z^{19} \\ &+1264020179940 z^{18} + 494618741820 z^{17} \\ &+178904116125 z^{16} + 59632859055 z^{15} \\ &+18255398940 z^{14} + 5112446724 z^{13} \\ &+1302986496 z^{12} + 300374676 z^{11} \\ &+62390790 z^{10} + 11624298 z^9 + 1893465 z^8 \\ &+260631 z^7 + 33138 z^6 + 4158 z^5 + 252 z^4 + 1 \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$ \begin{aligned} &z^{63} + 252 z^{59} + 4158 z^{58} + 33138 z^{57} + 260631 z^{56} \\ &+ 1893465 z^{55} + 11624298 z^{54} + 62390790 z^{53} \\ &+ 300374676 z^{52} + 1302986496 z^{51} \\ &+ 5112446724 z^{50} + 18255398940 z^{49} \\ &+ 59632859055 z^{48} + 178904116125 z^{47} \\ &+ 494618741820 z^{46} + 1264020179940 z^{45} \\ &+ 2993731604640 z^{44} + 6586210459836 z^{43} \\ &+ 13486053893514 z^{42} + 25746109304454 z^{41} \\ &+ 45895208156091 z^{40} + 76492003171605 z^{39} \\ &+ 119327628416094 z^{38} + 174401925385842 z^{37} \\ &+ 238995003062452 z^{36} + 307279289826144 z^{35} \end{aligned} $	

$\{[63, 2, 52]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^6 + x^5 + x^4 + x^2 + 1$	$+370854679187160 z^{34} + 420301966706664 z^{33}$ $+447417781200243 z^{32} + 447417781200243 z^{31}$ $+420301966706664 z^{30} + 370854679187160 z^{29}$ $+307279289826144 z^{28} + 238995003062452 z^{27}$ $+174401925385842 z^{26} + 119327628416094 z^{25}$ $+76492003171605 z^{24} + 45895208156091 z^{23}$ $+25746109304454 z^{22} + 13486053893514 z^{21}$ $+6586210459836 z^{20} + 2993731604640 z^{19}$ $+1264020179940 z^{18} + 494618741820 z^{17}$ $+178904116125 z^{16} + 59632859055 z^{15}$ $+18255398940 z^{14} + 5112446724 z^{13}$ $+1302986496 z^{12} + 300374676 z^{11}$ $+62390790 z^{10} + 11624298 z^9 + 1893465 z^8$ $+260631 z^7 + 33138 z^6 + 4158 z^5 + 252 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 52]\}$	$x^{11} + x^{10} + x^9 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{63} + 63 z^{61} + 3591 z^{59} + 124929 z^{57} + 3648078 z^{55}$ $+6751269 z^{54} + 79195410 z^{53} + 263299491 z^{52}$ $+1373163834 z^{51} + 5000761395 z^{50}$ $+18293356566 z^{49} + 59766841197 z^{48}$ $+178301524779 z^{47} + 495984625542 z^{46}$ $+1262776633461 z^{45} + 2994095957706 z^{44}$ $+6588285988725 z^{43} + 13479708164418 z^{42}$ $+25752839301315 z^{41} + 45891970659486 z^{40}$ $+76487665478196 z^{39} + 119344561987959 z^{38}$ $+174383132966028 z^{37} + 239003278187905 z^{36}$ $+307287029734236 z^{35} + 370826146729017 z^{34}$ $+420331913116164 z^{33} + 447407335484487 z^{32}$ $+447407335484487 z^{31} + 420331913116164 z^{30}$ $+370826146729017 z^{29} + 307287029734236 z^{28}$ $+239003278187905 z^{27} + 174383132966028 z^{26}$ $+119344561987959 z^{25} + 76487665478196 z^{24}$ $+45891970659486 z^{23} + 25752839301315 z^{22}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+13479708164418 z^{21} + 6588285988725 z^{20}$ $+2994095957706 z^{19} + 1262776633461 z^{18}$ $+495984625542 z^{17} + 178301524779 z^{16}$ $+59766841197 z^{15} + 18293356566 z^{14}$ $+5000761395 z^{13} + 1373163834 z^{12}$ $+263299491 z^{11} + 79195410 z^{10} + 6751269 z^9$ $+3648078 z^8 + 124929 z^6 + 3591 z^4 + 63 z^2 + 1$	
$\{[63, 2, 52]\}$	$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + 1$	$z^{63} + 2331 z^{59} + 101304 z^{57} + 3571470 z^{55}$ $+5044200 z^{54} + 85584240 z^{53} + 226989063 z^{52}$ $+1492751442 z^{51} + 4675973904 z^{50}$ $+19081012608 z^{49} + 58418334093 z^{48}$ $+180186047307 z^{47} + 494459937216 z^{46}$ $+1261079409744 z^{45} + 3001404798882 z^{44}$ $+6573596102577 z^{43} + 13499283740208 z^{42}$ $+25741845743544 z^{41} + 45881243422686 z^{40}$ $+76528628861748 z^{39} + 119277452647080 z^{38}$ $+174439167059808 z^{37} + 238996241017933 z^{36}$ $+307228971862764 z^{35} + 370941282857376 z^{34}$ $+420221420622528 z^{33} + 447449560189191 z^{32}$ $+447449560189191 z^{31} + 420221420622528 z^{30}$ $+370941282857376 z^{29} + 307228971862764 z^{28}$ $+238996241017933 z^{27} + 174439167059808 z^{26}$ $+119277452647080 z^{25} + 76528628861748 z^{24}$ $+45881243422686 z^{23} + 25741845743544 z^{22}$ $+13499283740208 z^{21} + 6573596102577 z^{20}$ $+3001404798882 z^{19} + 1261079409744 z^{18}$ $+494459937216 z^{17} + 180186047307 z^{16}$ $+58418334093 z^{15} + 19081012608 z^{14}$ $+4675973904 z^{13} + 1492751442 z^{12}$ $+226989063 z^{11} + 85584240 z^{10} + 5044200 z^9$ $+3571470 z^8 + 101304 z^6 + 2331 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

$\{[63, 2, 52]\}$	$x^{11} + x^{10} + x^8 + x^4 + x^2 + x + 1$	$ \begin{aligned} & z^{63} + 252 z^{59} + 4158 z^{58} + 33138 z^{57} + 260631 z^{56} \\ & + 1893465 z^{55} + 11624298 z^{54} + 62390790 z^{53} \\ & + 300374676 z^{52} + 1302986496 z^{51} \\ & + 5112446724 z^{50} + 18255398940 z^{49} \\ & + 59632859055 z^{48} + 178904116125 z^{47} \\ & + 494618741820 z^{46} + 1264020179940 z^{45} \\ & + 2993731604640 z^{44} + 6586210459836 z^{43} \\ & + 13486053893514 z^{42} + 25746109304454 z^{41} \\ & + 45895208156091 z^{40} + 76492003171605 z^{39} \\ & + 119327628416094 z^{38} + 174401925385842 z^{37} \\ & + 238995003062452 z^{36} + 307279289826144 z^{35} \\ & + 370854679187160 z^{34} + 420301966706664 z^{33} \\ & + 447417781200243 z^{32} + 447417781200243 z^{31} \\ & + 420301966706664 z^{30} + 370854679187160 z^{29} \\ & + 307279289826144 z^{28} + 238995003062452 z^{27} \\ & + 174401925385842 z^{26} + 119327628416094 z^{25} \\ & + 76492003171605 z^{24} + 45895208156091 z^{23} \\ & + 25746109304454 z^{22} + 13486053893514 z^{21} \\ & + 6586210459836 z^{20} + 2993731604640 z^{19} \\ & + 1264020179940 z^{18} + 494618741820 z^{17} \\ & + 178904116125 z^{16} + 59632859055 z^{15} \\ & + 18255398940 z^{14} + 5112446724 z^{13} \\ & + 1302986496 z^{12} + 300374676 z^{11} \\ & + 62390790 z^{10} + 11624298 z^9 + 1893465 z^8 \\ & + 260631 z^7 + 33138 z^6 + 4158 z^5 + 252 z^4 + 1 \end{aligned} $	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
		$ \begin{aligned} & z^{63} + 189 z^{59} + 3591 z^{58} + 33957 z^{57} + 271026 z^{56} \\ & + 1889496 z^{55} + 11536161 z^{54} + 62395515 z^{53} \\ & + 300829473 z^{52} + 1303023918 z^{51} \\ & + 5110872354 z^{50} + 18255196710 z^{49} \\ & + 59636621289 z^{48} + 178904516679 z^{47} \\ & + 494612766774 z^{46} + 1264020261714 z^{45} \end{aligned} $	

$\{[63, 2, 52]\}$	$x^{11} + x^{10} + x^7 + x + 1$	$ \begin{aligned} &+2993736531870 z^{44} + 6586207975431 z^{43} \\ &+13486056637101 z^{42} + 25746116032791 z^{41} \\ &+45895193079876 z^{40} + 76491994152210 z^{39} \\ &+119327650892163 z^{38} + 174401928865521 z^{37} \\ &+238994987821051 z^{36} + 307279300326228 z^{35} \\ &+370854674710380 z^{34} + 420301943508804 z^{33} \\ &+447417802932975 z^{32} + 447417802932975 z^{31} \\ &+420301943508804 z^{30} + 370854674710380 z^{29} \\ &+307279300326228 z^{28} + 238994987821051 z^{27} \\ &+174401928865521 z^{26} + 119327650892163 z^{25} \\ &+76491994152210 z^{24} + 45895193079876 z^{23} \\ &+25746116032791 z^{22} + 13486056637101 z^{21} \\ &+6586207975431 z^{20} + 2993736531870 z^{19} \\ &+1264020261714 z^{18} + 494612766774 z^{17} \\ &+178904516679 z^{16} + 59636621289 z^{15} \\ &+18255196710 z^{14} + 5110872354 z^{13} \\ &+1303023918 z^{12} + 300829473 z^{11} \\ &+62395515 z^{10} + 11536161 z^9 + 1889496 z^8 \\ &+271026 z^7 + 33957 z^6 + 3591 z^5 + 189 z^4 + 1 \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$ \begin{aligned} &z^{63} + 189 z^{59} + 3591 z^{58} + 33957 z^{57} + 271026 z^{56} \\ &+ 1889496 z^{55} + 11536161 z^{54} + 62395515 z^{53} \\ &+ 300829473 z^{52} + 1303023918 z^{51} \\ &+ 5110872354 z^{50} + 18255196710 z^{49} \\ &+ 59636621289 z^{48} + 178904516679 z^{47} \\ &+ 494612766774 z^{46} + 1264020261714 z^{45} \\ &+ 2993736531870 z^{44} + 6586207975431 z^{43} \\ &+ 13486056637101 z^{42} + 25746116032791 z^{41} \\ &+ 45895193079876 z^{40} + 76491994152210 z^{39} \\ &+ 119327650892163 z^{38} + 174401928865521 z^{37} \\ &+ 238994987821051 z^{36} + 307279300326228 z^{35} \\ &+ 370854674710380 z^{34} + 420301943508804 z^{33} \end{aligned} $	

$\{[63, 2, 52]\}$	$x^{11} + x^{10} + x^6 + x^3 + 1$	$+447417802932975 z^{32} + 447417802932975 z^{31}$ $+420301943508804 z^{30} + 370854674710380 z^{29}$ $+307279300326228 z^{28} + 238994987821051 z^{27}$ $+174401928865521 z^{26} + 119327650892163 z^{25}$ $+76491994152210 z^{24} + 45895193079876 z^{23}$ $+25746116032791 z^{22} + 13486056637101 z^{21}$ $+6586207975431 z^{20} + 2993736531870 z^{19}$ $+1264020261714 z^{18} + 494612766774 z^{17}$ $+178904516679 z^{16} + 59636621289 z^{15}$ $+18255196710 z^{14} + 5110872354 z^{13}$ $+1303023918 z^{12} + 300829473 z^{11}$ $+62395515 z^{10} + 11536161 z^9 + 1889496 z^8$ $+271026 z^7 + 33957 z^6 + 3591 z^5 + 189 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 52]\}$	$x^{11} + x^{10} + x^4 + x + 1$	$z^{63} + 189 z^{59} + 3591 z^{58} + 33957 z^{57} + 271026 z^{56}$ $+1889496 z^{55} + 11536161 z^{54} + 62395515 z^{53}$ $+300829473 z^{52} + 1303023918 z^{51}$ $+5110872354 z^{50} + 18255196710 z^{49}$ $+59636621289 z^{48} + 178904516679 z^{47}$ $+494612766774 z^{46} + 1264020261714 z^{45}$ $+2993736531870 z^{44} + 6586207975431 z^{43}$ $+13486056637101 z^{42} + 25746116032791 z^{41}$ $+45895193079876 z^{40} + 76491994152210 z^{39}$ $+119327650892163 z^{38} + 174401928865521 z^{37}$ $+238994987821051 z^{36} + 307279300326228 z^{35}$ $+370854674710380 z^{34} + 420301943508804 z^{33}$ $+447417802932975 z^{32} + 447417802932975 z^{31}$ $+420301943508804 z^{30} + 370854674710380 z^{29}$ $+307279300326228 z^{28} + 238994987821051 z^{27}$ $+174401928865521 z^{26} + 119327650892163 z^{25}$ $+76491994152210 z^{24} + 45895193079876 z^{23}$ $+25746116032791 z^{22} + 13486056637101 z^{21}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+6586207975431 z^{20} + 2993736531870 z^{19}$ $+1264020261714 z^{18} + 494612766774 z^{17}$ $+178904516679 z^{16} + 59636621289 z^{15}$ $+18255196710 z^{14} + 5110872354 z^{13}$ $+1303023918 z^{12} + 300829473 z^{11}$ $+62395515 z^{10} + 11536161 z^9 + 1889496 z^8$ $+271026 z^7 + 33957 z^6 + 3591 z^5 + 189 z^4 + 1$	
$\{[64, 2, 53]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^3 + x^2 + x + 1$	$z^{64} + 96 z^{62} + 5360 z^{60} + 200224 z^{58} + 6607480 z^{56}$ $+175987680 z^{54} + 3422475472 z^{52}$ $+47443577760 z^{50} + 477064338204 z^{48}$ $+3511829410016 z^{46} + 19151795252208 z^{44}$ $+78479050686880 z^{42} + 244813707767112 z^{40}$ $+587440929770592 z^{38}$ $+1092457848433232 z^{36}$ $+1582319310310176 z^{34}$ $+1789794085096006 z^{32}$ $+1582319310310176 z^{30}$ $+1092457848433232 z^{28}$ $+587440929770592 z^{26} + 244813707767112 z^{24}$ $+78479050686880 z^{22} + 19151795252208 z^{20}$ $+3511829410016 z^{18} + 477064338204 z^{16}$ $+47443577760 z^{14} + 3422475472 z^{12}$ $+175987680 z^{10} + 6607480 z^8 + 200224 z^6$ $+5360 z^4 + 96 z^2 + 1$	$\{[32, 4]\}$
		$z^{66} + 165 z^{64} + 12540 z^{62} + 581636 z^{60} + 18390900 z^{58}$ $+419439900 z^{56} + 7122097180 z^{54}$ $+91663971300 z^{52} + 902610739800 z^{50}$ $+6826019273040 z^{48} + 39671209680300 z^{46}$ $+177155197449300 z^{44} + 608720183750580 z^{42}$ $+1616326357347900 z^{40}$ $+3336832227573900 z^{38}$	

$\{[66, 2, 55]\}$	$x^{11} + 1$	$+5388648790660212 z^{36}$ $+6839216688513330 z^{34}$ $+6839216688513330 z^{32}$ $+5388648790660212 z^{30}$ $+3336832227573900 z^{28}$ $+1616326357347900 z^{26}$ $+608720183750580 z^{24} + 177155197449300 z^{22}$ $+39671209680300 z^{20} + 6826019273040 z^{18}$ $+902610739800 z^{16} + 91663971300 z^{14}$ $+7122097180 z^{12} + 419439900 z^{10} + 18390900 z^8$ $+581636 z^6 + 12540 z^4 + 165 z^2 + 1$	$\left\{ \left[33, \frac{\sqrt{66}}{2} \right] \right\}$
$\{[66, 2, 55]\}$	$x^{11} + x^9 + x^6 + x^5 + x^2 + 1$	$z^{66} + 33 z^{64} + 528 z^{62} + 87120 z^{60} + 5625048 z^{58}$ $+206005272 z^{56} + 4807267696 z^{54}$ $+75601081776 z^{52} + 835365117180 z^{50}$ $+6688448593596 z^{48} + 39708152669328 z^{46}$ $+177913267848144 z^{44} + 609804113936424 z^{42}$ $+1615511778299496 z^{40}$ $+3333595858901616 z^{38}$ $+5387397306145712 z^{36}$ $+6842863597903014 z^{34}$ $+6842863597903014 z^{32}$ $+5387397306145712 z^{30}$ $+3333595858901616 z^{28}$ $+1615511778299496 z^{26}$ $+609804113936424 z^{24} + 177913267848144 z^{22}$ $+39708152669328 z^{20} + 6688448593596 z^{18}$ $+835365117180 z^{16} + 75601081776 z^{14}$ $+4807267696 z^{12} + 206005272 z^{10} + 5625048 z^8$ $+87120 z^6 + 528 z^4 + 33 z^2 + 1$	$\left\{ \left[33, \frac{\sqrt{66}}{2} \right] \right\}$
		$z^{66} + 33 z^{64} + 528 z^{62} + 87120 z^{60} + 5625048 z^{58}$ $+206005272 z^{56} + 4807267696 z^{54}$	

$\{[66, 2, 55]\}$	$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x + 1$	$+75601081776 z^{52} + 835365117180 z^{50}$ $+6688448593596 z^{48} + 39708152669328 z^{46}$ $+177913267848144 z^{44} + 609804113936424 z^{42}$ $+1615511778299496 z^{40}$ $+3333595858901616 z^{38}$ $+5387397306145712 z^{36}$ $+6842863597903014 z^{34}$ $+6842863597903014 z^{32}$ $+5387397306145712 z^{30}$ $+3333595858901616 z^{28}$ $+1615511778299496 z^{26}$ $+609804113936424 z^{24} + 177913267848144 z^{22}$ $+39708152669328 z^{20} + 6688448593596 z^{18}$ $+835365117180 z^{16} + 75601081776 z^{14}$ $+4807267696 z^{12} + 206005272 z^{10} + 5625048 z^8$ $+87120 z^6 + 528 z^4 + 33 z^2 + 1$	$\left\{ \left[33, \frac{\sqrt{66}}{2} \right] \right\}$
$\{[68, 2, 57]\}$	$x^{11} + x^9 + x^8 + x^7 + x^4 + x^3 + x^2 + 1$	$z^{68} + 1649 z^{64} + 102272 z^{62} + 7230440 z^{60}$ $+283763456 z^{58} + 7112866504 z^{56}$ $+120340017792 z^{54} + 1435137574508 z^{52}$ $+12437743660544 z^{50} + 80190836839052 z^{48}$ $+391580832975744 z^{46}$ $+1468429630839736 z^{44}$ $+4274256344927488 z^{42}$ $+9735810949739800 z^{40}$ $+17457312209842816 z^{38}$ $+24742925491355926 z^{36}$ $+27786174232380416 z^{34}$ $+24742925491355926 z^{32}$ $+17457312209842816 z^{30}$ $+9735810949739800 z^{28}$ $+4274256344927488 z^{26}$	$\{[34, \sqrt{17}]\}$

		$+1468429630839736 z^{24}$ $+391580832975744 z^{22} + 80190836839052 z^{20}$ $+12437743660544 z^{18} + 1435137574508 z^{16}$ $+120340017792 z^{14} + 7112866504 z^{12}$ $+283763456 z^{10} + 7230440 z^8 + 102272 z^6$ $+1649 z^4 + 1$	
$\{[68, 2, 57]\}$	$x^{11} + x^{10} + x^9 + x^6 + x^5 + x^2 + x + 1$	$z^{68} + 1649 z^{64} + 102272 z^{62} + 7230440 z^{60}$ $+283763456 z^{58} + 7112866504 z^{56}$ $+120340017792 z^{54} + 1435137574508 z^{52}$ $+12437743660544 z^{50} + 80190836839052 z^{48}$ $+391580832975744 z^{46}$ $+1468429630839736 z^{44}$ $+4274256344927488 z^{42}$ $+9735810949739800 z^{40}$ $+17457312209842816 z^{38}$ $+24742925491355926 z^{36}$ $+27786174232380416 z^{34}$ $+24742925491355926 z^{32}$ $+17457312209842816 z^{30}$ $+9735810949739800 z^{28}$ $+4274256344927488 z^{26}$ $+1468429630839736 z^{24}$ $+391580832975744 z^{22} + 80190836839052 z^{20}$ $+12437743660544 z^{18} + 1435137574508 z^{16}$ $+120340017792 z^{14} + 7112866504 z^{12}$ $+283763456 z^{10} + 7230440 z^8 + 102272 z^6$ $+1649 z^4 + 1$	$\{[34, \sqrt{17}]\}$
		$z^{69} + 69 z^{67} + 2277 z^{65} + 47817 z^{63} + 553311 z^{62}$ $+4037121 z^{61} + 27849987 z^{60} + 166423653 z^{59}$ $+889003107 z^{58} + 4304072133 z^{57}$ $+18873652455 z^{56} + 75484793673 z^{55}$	

$\{[69, 2, 58]\}$

$$x^{11} + x^9 + x^7 + x^6 + x^5 + x + 1$$

$$\begin{aligned}
& +276821855343 z^{54} + 934199328645 z^{53} \\
& +2912325240627 z^{52} + 8413787449881 z^{51} \\
& +22584657109971 z^{50} + 56460747181113 z^{49} \\
& +131741791600375 z^{48} + 287437358419437 z^{47} \\
& +587370967990779 z^{46} \\
& +1125795658459061 z^{45} \\
& +2026434001461615 z^{44} \\
& +3429345152965545 z^{43} \\
& +5461548923816271 z^{42} \\
& +8192329219873161 z^{41} \\
& +11582256108316707 z^{40} \\
& +15443007424124445 z^{39} \\
& +19428304879228443 z^{38} \\
& +23071102612161219 z^{37} \\
& +25867595574756847 z^{36} \\
& +27389236114080783 z^{35} \\
& +27389236114080783 z^{34} \\
& +25867595574756847 z^{33} \\
& +23071102612161219 z^{32} \\
& +19428304879228443 z^{31} \\
& +15443007424124445 z^{30} \\
& +11582256108316707 z^{29} \\
& +8192329219873161 z^{28} \\
& +5461548923816271 z^{27} \\
& +3429345152965545 z^{26} \\
& +2026434001461615 z^{25} \\
& +1125795658459061 z^{24} \\
& +587370967990779 z^{23} + 287437358419437 z^{22} \\
& +131741791600375 z^{21} + 56460747181113 z^{20} \\
& +22584657109971 z^{19} + 8413787449881 z^{18} \\
& +2912325240627 z^{17} + 934199328645 z^{16}
\end{aligned}$$

$$\left\{ \left[\frac{69}{2}, \frac{\sqrt{69}}{2} \right] \right\}$$

		$+276821855343 z^{15} + 75484793673 z^{14}$ $+18873652455 z^{13} + 4304072133 z^{12}$ $+889003107 z^{11} + 166423653 z^{10} + 27849987 z^9$ $+4037121 z^8 + 553311 z^7 + 47817 z^6 + 2277 z^4$ $+69 z^2 + 1$	
$\{[69, 2, 58]\}$	$x^{11} + x^{10} + x^6 + x^5 + x^4 + x^2 + 1$	$z^{69} + 69 z^{67} + 2277 z^{65} + 47817 z^{63} + 553311 z^{62}$ $+4037121 z^{61} + 27849987 z^{60} + 166423653 z^{59}$ $+889003107 z^{58} + 4304072133 z^{57}$ $+18873652455 z^{56} + 75484793673 z^{55}$ $+276821855343 z^{54} + 934199328645 z^{53}$ $+2912325240627 z^{52} + 8413787449881 z^{51}$ $+22584657109971 z^{50} + 56460747181113 z^{49}$ $+131741791600375 z^{48} + 287437358419437 z^{47}$ $+587370967990779 z^{46}$ $+1125795658459061 z^{45}$ $+2026434001461615 z^{44}$ $+3429345152965545 z^{43}$ $+5461548923816271 z^{42}$ $+8192329219873161 z^{41}$ $+11582256108316707 z^{40}$ $+15443007424124445 z^{39}$ $+19428304879228443 z^{38}$ $+23071102612161219 z^{37}$ $+25867595574756847 z^{36}$ $+27389236114080783 z^{35}$ $+27389236114080783 z^{34}$ $+25867595574756847 z^{33}$ $+23071102612161219 z^{32}$ $+19428304879228443 z^{31}$ $+15443007424124445 z^{30}$ $+11582256108316707 z^{29}$	$\left\{ \left[\frac{69}{2}, \frac{\sqrt{69}}{2} \right] \right\}$

		$+8192329219873161 z^{28}$ $+5461548923816271 z^{27}$ $+3429345152965545 z^{26}$ $+2026434001461615 z^{25}$ $+1125795658459061 z^{24}$ $+587370967990779 z^{23} + 287437358419437 z^{22}$ $+131741791600375 z^{21} + 56460747181113 z^{20}$ $+22584657109971 z^{19} + 8413787449881 z^{18}$ $+2912325240627 z^{17} + 934199328645 z^{16}$ $+276821855343 z^{15} + 75484793673 z^{14}$ $+18873652455 z^{13} + 4304072133 z^{12}$ $+889003107 z^{11} + 166423653 z^{10} + 27849987 z^9$ $+4037121 z^8 + 553311 z^7 + 47817 z^6 + 2277 z^4$ $+69 z^2 + 1$	
$\{[70, 2, 59]\}$	$x^{11} + x^7 + x^6 + x^5 + x^2 + 1$	$z^{70} + 1820 z^{66} + 145845 z^{64} + 9483460 z^{62}$ $+388558660 z^{60} + 10387208860 z^{58}$ $+188695474700 z^{56} + 2421974561160 z^{54}$ $+22652819496580 z^{52} + 158090017173004 z^{50}$ $+838356917288800 z^{48}$ $+3426336948887300 z^{46}$ $+10911559062204500 z^{44}$ $+27307748572566220 z^{42}$ $+54050528437281964 z^{40}$ $+84998828116273890 z^{38}$ $+106513653805104980 z^{36}$ $+106513653805104980 z^{34}$ $+84998828116273890 z^{32}$ $+54050528437281964 z^{30}$ $+27307748572566220 z^{28}$ $+10911559062204500 z^{26}$ $+3426336948887300 z^{24}$	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$

		$+838356917288800 z^{22} + 158090017173004 z^{20}$ $+22652819496580 z^{18} + 2421974561160 z^{16}$ $+188695474700 z^{14} + 10387208860 z^{12}$ $+388558660 z^{10} + 9483460 z^8 + 145845 z^6$ $+1820 z^4 + 1$	
$\{[70, 2, 59]\}$	$x^{11} + x^8 + x^6 + x^4 + x^2 + x + 1$	$z^{70} + 2905 z^{66} + 4200 z^{65} + 143640 z^{64} + 546280 z^{63}$ $+ 5832225 z^{62} + 31407320 z^{61} + 199167367 z^{60}$ $+ 1056098960 z^{59} + 5182425745 z^{58}$ $+ 23183524840 z^{57} + 94227527415 z^{56}$ $+ 352300397176 z^{55} + 1211102856285 z^{54}$ $+ 3846567516120 z^{53} + 11327531018895 z^{52}$ $+ 30998023623840 z^{51} + 79043777178093 z^{50}$ $+ 188203464376200 z^{49} + 419172615436575 z^{48}$ $+ 874808847330600 z^{47}$ $+ 1713178475278725 z^{46}$ $+ 3152225042259384 z^{45}$ $+ 5455792136403315 z^{44}$ $+ 8890899492740720 z^{43}$ $+ 13653836372321845 z^{42}$ $+ 19774587551119240 z^{41}$ $+ 27025266236672291 z^{40}$ $+ 34871301947804280 z^{39}$ $+ 42499477903597995 z^{38}$ $+ 48938707660849720 z^{37}$ $+ 53256782309992555 z^{36}$ $+ 54778465812513984 z^{35}$ $+ 53256782309992555 z^{34}$ $+ 48938707660849720 z^{33}$ $+ 42499477903597995 z^{32}$ $+ 34871301947804280 z^{31}$ $+ 27025266236672291 z^{30}$	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$

		$ \begin{aligned} &+19774587551119240 z^{29} \\ &+13653836372321845 z^{28} \\ &+8890899492740720 z^{27} \\ &+5455792136403315 z^{26} \\ &+3152225042259384 z^{25} \\ &+1713178475278725 z^{24} \\ &+874808847330600 z^{23} + 419172615436575 z^{22} \\ &+188203464376200 z^{21} + 79043777178093 z^{20} \\ &+30998023623840 z^{19} + 11327531018895 z^{18} \\ &+3846567516120 z^{17} + 1211102856285 z^{16} \\ &+352300397176 z^{15} + 94227527415 z^{14} \\ &+23183524840 z^{13} + 5182425745 z^{12} \\ &+1056098960 z^{11} + 199167367 z^{10} + 31407320 z^9 \\ &+5832225 z^8 + 546280 z^7 + 143640 z^6 + 4200 z^5 \\ &+2905 z^4 + 1 \end{aligned} $	
$\{[70, 2, 59]\}$	$x^{11} + x^9 + x^6 + x^5 + x^4 + 1$	$ \begin{aligned} &z^{70} + 1820 z^{66} + 145845 z^{64} + 9483460 z^{62} \\ &+ 388558660 z^{60} + 10387208860 z^{58} \\ &+ 188695474700 z^{56} + 2421974561160 z^{54} \\ &+ 22652819496580 z^{52} + 158090017173004 z^{50} \\ &+ 838356917288800 z^{48} \\ &+ 3426336948887300 z^{46} \\ &+ 10911559062204500 z^{44} \\ &+ 27307748572566220 z^{42} \\ &+ 54050528437281964 z^{40} \\ &+ 84998828116273890 z^{38} \\ &+ 106513653805104980 z^{36} \\ &+ 106513653805104980 z^{34} \\ &+ 84998828116273890 z^{32} \\ &+ 54050528437281964 z^{30} \\ &+ 27307748572566220 z^{28} \\ &+ 10911559062204500 z^{26} \end{aligned} $	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$

		$+3426336948887300 z^{24}$ $+838356917288800 z^{22} + 158090017173004 z^{20}$ $+22652819496580 z^{18} + 2421974561160 z^{16}$ $+188695474700 z^{14} + 10387208860 z^{12}$ $+388558660 z^{10} + 9483460 z^8 + 145845 z^6$ $+1820 z^4 + 1$	
$\{[70, 2, 59]\}$	$x^{11} + x^9 + x^8 + x^7 + x^4 + x^2 + x + 1$	$109375 z^{64} + 10062500 z^{62} + 422318750 z^{60}$ $+10713062500 z^{58} + 189651893750 z^{56}$ $+2420613212500 z^{54} + 22641741998750 z^{52}$ $+158085216992500 z^{50} + 838407585503250 z^{48}$ $+3426389172860500 z^{46}$ $+10911424043530710 z^{44}$ $+27307560171627220 z^{42}$ $+54050772598484382 z^{40}$ $+84999219351353860 z^{38}$ $+106513321043696630 z^{36}$ $+106513149192368100 z^{34}$ $+84999172970790400 z^{32}$ $+54050924935171500 z^{30}$ $+27307510711180250 z^{28}$ $+10911373423387500 z^{26}$ $+3426427656181250 z^{24}$ $+838409509437500 z^{22} + 158076514356250 z^{20}$ $+22642854937500 z^{18} + 2421634328750 z^{16}$ $+189484817500 z^{14} + 10637779250 z^{12}$ $+428305500 z^{10} + 13292650 z^8 + 373100 z^6$ $+9170 z^4 + 140 z^2 + 1$	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$
		$z^{70} + 35 z^{68} + 3955 z^{66} + 245105 z^{64} + 12080040 z^{62}$ $+426664952 z^{60} + 10669079960 z^{58}$ $+189547340680 z^{56} + 2421163880940 z^{54}$ $+22642497964100 z^{52} + 158080571216036 z^{50}$	

$\{[70, 2, 59]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^4 + x^3 + x^2 + x + 1$	$+838407782540300 z^{48}$ $+3426408792958200 z^{46}$ $+10911404562069480 z^{44}$ $+27307525980527880 z^{42}$ $+54050843940215640 z^{40}$ $+84999220196898070 z^{38}$ $+106513220008026370 z^{36}$ $+106513220008026370 z^{34}$ $+84999220196898070 z^{32}$ $+54050843940215640 z^{30}$ $+27307525980527880 z^{28}$ $+10911404562069480 z^{26}$ $+3426408792958200 z^{24}$ $+838407782540300 z^{22} + 158080571216036 z^{20}$ $+22642497964100 z^{18} + 2421163880940 z^{16}$ $+189547340680 z^{14} + 10669079960 z^{12}$ $+426664952 z^{10} + 12080040 z^8 + 245105 z^6$ $+3955 z^4 + 35 z^2 + 1$	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$
$\{[70, 2, 59]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^4 + x^3 + x^2 + 1$	$109375 z^{64} + 10062500 z^{62} + 422318750 z^{60}$ $+10713062500 z^{58} + 189651893750 z^{56}$ $+2420613212500 z^{54} + 22641741998750 z^{52}$ $+158085216992500 z^{50} + 838407585503250 z^{48}$ $+3426389172860500 z^{46}$ $+10911424043530710 z^{44}$ $+27307560171627220 z^{42}$ $+54050772598484382 z^{40}$ $+84999219351353860 z^{38}$ $+106513321043696630 z^{36}$ $+106513149192368100 z^{34}$ $+84999172970790400 z^{32}$ $+54050924935171500 z^{30}$	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$

		$+27307510711180250 z^{28}$ $+10911373423387500 z^{26}$ $+3426427656181250 z^{24}$ $+838409509437500 z^{22} + 158076514356250 z^{20}$ $+22642854937500 z^{18} + 2421634328750 z^{16}$ $+189484817500 z^{14} + 10637779250 z^{12}$ $+428305500 z^{10} + 13292650 z^8 + 373100 z^6$ $+9170 z^4 + 140 z^2 + 1$	
$\{[70, 2, 59]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^5 + x^3 + 1$	$z^{70} + 2905 z^{66} + 4200 z^{65} + 143640 z^{64} + 546280 z^{63}$ $+ 5832225 z^{62} + 31407320 z^{61} + 199167367 z^{60}$ $+ 1056098960 z^{59} + 5182425745 z^{58}$ $+ 23183524840 z^{57} + 94227527415 z^{56}$ $+ 352300397176 z^{55} + 1211102856285 z^{54}$ $+ 3846567516120 z^{53} + 11327531018895 z^{52}$ $+ 30998023623840 z^{51} + 79043777178093 z^{50}$ $+ 188203464376200 z^{49} + 419172615436575 z^{48}$ $+ 874808847330600 z^{47}$ $+ 1713178475278725 z^{46}$ $+ 3152225042259384 z^{45}$ $+ 5455792136403315 z^{44}$ $+ 8890899492740720 z^{43}$ $+ 13653836372321845 z^{42}$ $+ 19774587551119240 z^{41}$ $+ 27025266236672291 z^{40}$ $+ 34871301947804280 z^{39}$ $+ 42499477903597995 z^{38}$ $+ 48938707660849720 z^{37}$ $+ 53256782309992555 z^{36}$ $+ 54778465812513984 z^{35}$ $+ 53256782309992555 z^{34}$ $+ 48938707660849720 z^{33}$	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$

		$ \begin{aligned} &+42499477903597995 z^{32} \\ &+34871301947804280 z^{31} \\ &+27025266236672291 z^{30} \\ &+19774587551119240 z^{29} \\ &+13653836372321845 z^{28} \\ &+8890899492740720 z^{27} \\ &+5455792136403315 z^{26} \\ &+3152225042259384 z^{25} \\ &+1713178475278725 z^{24} \\ &+874808847330600 z^{23} + 419172615436575 z^{22} \\ &+188203464376200 z^{21} + 79043777178093 z^{20} \\ &+30998023623840 z^{19} + 11327531018895 z^{18} \\ &+3846567516120 z^{17} + 1211102856285 z^{16} \\ &+352300397176 z^{15} + 94227527415 z^{14} \\ &+23183524840 z^{13} + 5182425745 z^{12} \\ &+1056098960 z^{11} + 199167367 z^{10} + 31407320 z^9 \\ &+5832225 z^8 + 546280 z^7 + 143640 z^6 + 4200 z^5 \\ &+2905 z^4 + 1 \end{aligned} $	
$\{[72, 2, 61]\}$	$x^{11} + x^8 + x^7 + x^4 + x^3 + 1$	$ \begin{aligned} &z^{72} + 72 z^{70} + 3942 z^{68} + 260712 z^{66} + 14510745 z^{64} \\ &+ 556736544 z^{62} + 15159577104 z^{60} \\ &+ 291825221472 z^{58} + 4017590846964 z^{56} \\ &+ 40457340514240 z^{54} + 304752055777704 z^{52} \\ &+ 1749286276894080 z^{50} \\ &+ 7763851270971012 z^{48} \\ &+ 26946711661183776 z^{46} \\ &+ 73783145928058992 z^{44} \\ &+ 160456774206144864 z^{42} \\ &+ 278534062743351534 z^{40} \\ &+ 387267226141500432 z^{38} \\ &+ 432141823670585572 z^{36} \\ &+ 387267226141500432 z^{34} \end{aligned} $	$\{[36, 3 \sqrt{2}]\}$

		$+278534062743351534 z^{32}$ $+160456774206144864 z^{30}$ $+73783145928058992 z^{28}$ $+26946711661183776 z^{26}$ $+7763851270971012 z^{24}$ $+1749286276894080 z^{22}$ $+304752055777704 z^{20} + 40457340514240 z^{18}$ $+4017590846964 z^{16} + 291825221472 z^{14}$ $+15159577104 z^{12} + 556736544 z^{10}$ $+14510745 z^8 + 260712 z^6 + 3942 z^4 + 72 z^2 + 1$	
$\{[72, 2, 61]\}$	$x^{11} + x^9 + x^2 + 1$	$z^{72} + 36 z^{70} + 7686 z^{68} + 490980 z^{66} + 22921497 z^{64}$ $+ 745522848 z^{62} + 17715424272 z^{60}$ $+ 311623080480 z^{58} + 4098912783732 z^{56}$ $+ 40573534470448 z^{54} + 304426881833256 z^{52}$ $+ 1747915060636080 z^{50}$ $+ 7763296298795268 z^{48}$ $+ 26951104621488096 z^{46}$ $+ 73788673026444912 z^{44}$ $+ 160450351691310432 z^{42}$ $+ 278520045738569838 z^{40}$ $+ 387270477846554904 z^{38}$ $+ 432160421773024420 z^{36}$ $+ 387270477846554904 z^{34}$ $+ 278520045738569838 z^{32}$ $+ 160450351691310432 z^{30}$ $+ 73788673026444912 z^{28}$ $+ 26951104621488096 z^{26}$ $+ 7763296298795268 z^{24}$ $+ 1747915060636080 z^{22}$ $+ 304426881833256 z^{20} + 40573534470448 z^{18}$ $+ 4098912783732 z^{16} + 311623080480 z^{14}$	$\{[36, 3 \sqrt{2}]\}$

		$+17715424272 z^{12} + 745522848 z^{10}$ $+22921497 z^8 + 490980 z^6 + 7686 z^4 + 36 z^2 + 1$	
$\{[72, 2, 61]\}$	$x^{11} + x^9 + x^8 + x^6 + x^5 + x^3 + x^2 + 1$	$z^{72} + 72 z^{70} + 7830 z^{68} + 382536 z^{66} + 16200729 z^{64}$ $+ 570181824 z^{62} + 15233486736 z^{60}$ $+ 291887960256 z^{58} + 4016421439092 z^{56}$ $+ 40455086028768 z^{54} + 304761088170216 z^{52}$ $+ 1749301325560800 z^{50}$ $+ 7763805451117572 z^{48}$ $+ 26946671360945472 z^{46}$ $+ 73783286650799856 z^{44}$ $+ 160456807342388544 z^{42}$ $+ 278533832858886510 z^{40}$ $+ 387267216140040624 z^{38}$ $+ 432142086346499076 z^{36}$ $+ 387267216140040624 z^{34}$ $+ 278533832858886510 z^{32}$ $+ 160456807342388544 z^{30}$ $+ 73783286650799856 z^{28}$ $+ 26946671360945472 z^{26}$ $+ 7763805451117572 z^{24}$ $+ 1749301325560800 z^{22}$ $+ 304761088170216 z^{20} + 40455086028768 z^{18}$ $+ 4016421439092 z^{16} + 291887960256 z^{14}$ $+ 15233486736 z^{12} + 570181824 z^{10}$ $+ 16200729 z^8 + 382536 z^6 + 7830 z^4 + 72 z^2 + 1$	$\{[36, 3 \sqrt{2}]\}$
		$z^{72} + 180 z^{70} + 15030 z^{68} + 772212 z^{66} + 27303705 z^{64}$ $+ 704040480 z^{62} + 15866923152 z^{60}$ $+ 291876711840 z^{58} + 4007249641332 z^{56}$ $+ 40441791224560 z^{54} + 304824649142376 z^{52}$ $+ 1749405666668400 z^{50}$ $+ 7763508932769540 z^{48}$	

$\{[72, 2, 61]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$+26946304215804000 z^{46}$ $+73784243631924720 z^{44}$ $+160457462418112992 z^{42}$ $+278531765933927022 z^{40}$ $+387266828450219640 z^{38}$ $+432144806383291588 z^{36}$ $+387266828450219640 z^{34}$ $+278531765933927022 z^{32}$ $+160457462418112992 z^{30}$ $+73784243631924720 z^{28}$ $+26946304215804000 z^{26}$ $+7763508932769540 z^{24}$ $+1749405666668400 z^{22}$ $+304824649142376 z^{20} + 40441791224560 z^{18}$ $+4007249641332 z^{16} + 291876711840 z^{14}$ $+15866923152 z^{12} + 704040480 z^{10}$ $+27303705 z^8 + 772212 z^6 + 15030 z^4 + 180 z^2 + 1$	$\{[36, 3 \sqrt{2}]\}$
$\{[72, 2, 61]\}$	$x^{11} + x^{10} + x^9 + x^2 + x + 1$	$z^{72} + 108 z^{70} + 7830 z^{68} + 491436 z^{66} + 22817817 z^{64}$ $+ 746604000 z^{62} + 17710299024 z^{60}$ $+ 311635319904 z^{58} + 4098905542260 z^{56}$ $+ 40573499809168 z^{54} + 304426922387688 z^{52}$ $+ 1747915423263504 z^{50}$ $+ 7763294516968452 z^{48}$ $+ 26951108863934880 z^{46}$ $+ 73788666915380976 z^{44}$ $+ 160450356255860256 z^{42}$ $+ 278520047286307182 z^{40}$ $+ 387270468698271048 z^{38}$ $+ 432160434407162884 z^{36}$ $+ 387270468698271048 z^{34}$ $+ 278520047286307182 z^{32}$	$\{[36, 3 \sqrt{2}]\}$

		$+160450356255860256 z^{30}$ $+73788666915380976 z^{28}$ $+26951108863934880 z^{26}$ $+7763294516968452 z^{24}$ $+1747915423263504 z^{22}$ $+304426922387688 z^{20} + 40573499809168 z^{18}$ $+4098905542260 z^{16} + 311635319904 z^{14}$ $+17710299024 z^{12} + 746604000 z^{10}$ $+22817817 z^8 + 491436 z^6 + 7830 z^4 + 108 z^2 + 1$	
$\{[72, 2, 61]\}$	$x^{11} + x^{10} + x^8 + x^6 + x^5 + x^3 + x + 1$	$z^{72} + 2358 z^{68} + 172032 z^{66} + 11970585 z^{64}$ $+ 523560960 z^{62} + 14997229200 z^{60}$ $+ 291811018752 z^{58} + 4019951637108 z^{56}$ $+ 40460902797312 z^{54} + 304734915627624 z^{52}$ $+ 1749260909629440 z^{50}$ $+ 7763930458327044 z^{48}$ $+ 26946792776005632 z^{46}$ $+ 73782907978522608 z^{44}$ $+ 160456629564168192 z^{42}$ $+ 278534561701739886 z^{40}$ $+ 387267307226136576 z^{38}$ $+ 432141181756603332 z^{36}$ $+ 387267307226136576 z^{34}$ $+ 278534561701739886 z^{32}$ $+ 160456629564168192 z^{30}$ $+ 73782907978522608 z^{28}$ $+ 26946792776005632 z^{26}$ $+ 7763930458327044 z^{24}$ $+ 1749260909629440 z^{22}$ $+ 304734915627624 z^{20} + 40460902797312 z^{18}$ $+ 4019951637108 z^{16} + 291811018752 z^{14}$ $+ 14997229200 z^{12} + 523560960 z^{10}$	$\{[36, 3 \sqrt{2}]\}$

		$+11970585 z^8 + 172032 z^6 + 2358 z^4 + 1$	
$\{[72, 2, 61]\}$	$x^{11} + x^{10} + x^7 + x^6 + x^5 + x^4 + x + 1$	$z^{72} + 72 z^{70} + 5400 z^{68} + 268488 z^{66} + 13336569 z^{64}$ $+ 537675840 z^{62} + 15075395712 z^{60}$ $+ 291877114176 z^{58} + 4018728670740 z^{56}$ $+ 40458498600288 z^{54} + 304745039557920 z^{52}$ $+ 1749274789352544 z^{50}$ $+ 7763881099148772 z^{48}$ $+ 26946763223557824 z^{46}$ $+ 73783040435531136 z^{44}$ $+ 160456656889289664 z^{42}$ $+ 278534341816462350 z^{40}$ $+ 387267304340080944 z^{38}$ $+ 432141424485597072 z^{36}$ $+ 387267304340080944 z^{34}$ $+ 278534341816462350 z^{32}$ $+ 160456656889289664 z^{30}$ $+ 73783040435531136 z^{28}$ $+ 26946763223557824 z^{26}$ $+ 7763881099148772 z^{24}$ $+ 1749274789352544 z^{22}$ $+ 304745039557920 z^{20} + 40458498600288 z^{18}$ $+ 4018728670740 z^{16} + 291877114176 z^{14}$ $+ 15075395712 z^{12} + 537675840 z^{10}$ $+ 13336569 z^8 + 268488 z^6 + 5400 z^4 + 72 z^2 + 1$	$\{[36, 3 \sqrt{2}]\}$
		$1171875 z^{68} + 110156250 z^{66} + 4740703125 z^{64}$ $+ 123854062500 z^{62} + 2227577937500 z^{60}$ $+ 28975750312500 z^{58} + 280113703687500 z^{56}$ $+ 2054254583562500 z^{54}$ $+ 11619045626925000 z^{52}$ $+ 51355884841237500 z^{50}$ $+ 179233841239936000 z^{48}$	

$\{[75, 2, 64]\}$	$x^{11} + x^8 + x^7 + x^5 + x^3 + x^2 + x + 1$	$+497970487159936500 z^{46}$ $+1108384942136463900 z^{44}$ $+1985855751889979300 z^{42}$ $+2873651821344388140 z^{40}$ $+3365538087991415700 z^{38}$ $+3192944649561331350 z^{36}$ $+2453116863712242000 z^{34}$ $+1524030259902389250 z^{32}$ $+763553746172667500 z^{30}$ $+307257883516792500 z^{28}$ $+98761783239937500 z^{26}$ $+25174514124562500 z^{24}$ $+5042157754687500 z^{22}$ $+784350381150000 z^{20} + 93380540562500 z^{18}$ $+8348873025000 z^{16} + 547011637500 z^{14}$ $+25514172500 z^{12} + 831847500 z^{10}$ $+20194500 z^8 + 465500 z^6 + 10575 z^4 + 150 z^2 + 1$	$\left\{ \left[\frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$
$\{[75, 2, 64]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^4 + x^3 + 1$	$1171875 z^{68} + 110156250 z^{66} + 4740703125 z^{64}$ $+123854062500 z^{62} + 2227577937500 z^{60}$ $+28975750312500 z^{58} + 280113703687500 z^{56}$ $+2054254583562500 z^{54}$ $+11619045626925000 z^{52}$ $+51355884841237500 z^{50}$ $+179233841239936000 z^{48}$ $+497970487159936500 z^{46}$ $+1108384942136463900 z^{44}$ $+1985855751889979300 z^{42}$ $+2873651821344388140 z^{40}$ $+3365538087991415700 z^{38}$ $+3192944649561331350 z^{36}$ $+2453116863712242000 z^{34}$	$\left\{ \left[\frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$

		$+1524030259902389250 z^{32}$ $+763553746172667500 z^{30}$ $+307257883516792500 z^{28}$ $+98761783239937500 z^{26}$ $+25174514124562500 z^{24}$ $+5042157754687500 z^{22}$ $+784350381150000 z^{20} + 93380540562500 z^{18}$ $+8348873025000 z^{16} + 547011637500 z^{14}$ $+25514172500 z^{12} + 831847500 z^{10}$ $+20194500 z^8 + 465500 z^6 + 10575 z^4 + 150 z^2 + 1$	
$\{[75, 2, 64]\}$	$x^{11} + x^{10} + x^6 + x^5 + x + 1$	$625 z^{72} + 78750 z^{70} + 4620375 z^{68} + 187082750 z^{66}$ $+ 5727447825 z^{64} + 131248985400 z^{62}$ $+ 2256604916880 z^{60} + 28999469244600 z^{58}$ $+ 279874919028300 z^{56}$ $+ 2053576357318000 z^{54}$ $+ 11619626532439500 z^{52}$ $+ 51359735470950000 z^{50}$ $+ 179233936834137500 z^{48}$ $+ 497958813023475000 z^{46}$ $+ 1108381633638300000 z^{44}$ $+ 1985877840598755000 z^{42}$ $+ 2873659705505223750 z^{40}$ $+ 3365510978425381500 z^{38}$ $+ 3192934226314947250 z^{36}$ $+ 2453138488901072700 z^{34}$ $+ 1524039547203624150 z^{32}$ $+ 763542795711478760 z^{30}$ $+ 307252180250427600 z^{28}$ $+ 98764975158877800 z^{26}$ $+ 25176786214927500 z^{24}$ $+ 5041824195960000 z^{22}$	$\left\{ \left[\frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$

		$+783841802737500 z^{20} + 93310569400000 z^{18}$ $+8389012837500 z^{16} + 564312825000 z^{14}$ $+28406360000 z^{12} + 1075785000 z^{10}$ $+30272625 z^8 + 621750 z^6 + 10575 z^4 + 150 z^2 + 1$	
$\{[77, 2, 66]\}$	$x^{11} + 1$	$1977326743 z^{66} + 108752970865 z^{64}$ $+2784076054144 z^{62} + 44048060428064 z^{60}$ $+482366034202360 z^{58}$ $+3881176024230120 z^{56}$ $+23778637329277600 z^{54}$ $+113486326291134720 z^{52}$ $+428328227715617460 z^{50}$ $+1291502855551393100 z^{48}$ $+3132633476007979328 z^{46}$ $+6141956583359740640 z^{44}$ $+9766901243895764584 z^{42}$ $+12626384584262987384 z^{40}$ $+13289034542383834080 z^{38}$ $+11391837958068696128 z^{36}$ $+7948465898893985850 z^{34}$ $+4505128603654988694 z^{32}$ $+2067323648716913664 z^{30}$ $+764422028040058080 z^{28}$ $+226421973567745032 z^{26}$ $+53370889955358360 z^{24}$ $+9946881805394016 z^{22}$ $+1457918325257856 z^{20}$ $+167410612238100 z^{18} + 15014779774764 z^{16}$ $+1047777192000 z^{14} + 56515124512 z^{12}$ $+2329001752 z^{10} + 71902600 z^8 + 1608992 z^6$ $+24640 z^4 + 231 z^2 + 1$	$\left\{ \left[\frac{77}{2}, \frac{\sqrt{77}}{2} \right] \right\}$
		$z^{80} + 40 z^{78} + 5260 z^{76} + 386200 z^{74} + 29795070 z^{72}$	

$\{[80, 2, 69]\}$	$x^{11} + x^9 + x^7 + x^6 + x^5 + x^4 + x^2 + 1$	$ \begin{aligned} &+1615595608 z^{70} + 58831501100 z^{68} \\ &+1472684427880 z^{66} + 26326067079405 z^{64} \\ &+346889514936480 z^{62} \\ &+3452464284222448 z^{60} \\ &+26453881279107680 z^{58} \\ &+158435768605288040 z^{56} \\ &+750742103420236000 z^{54} \\ &+2842094888800885680 z^{52} \\ &+8663488270794325536 z^{50} \\ &+21396721446139889170 z^{48} \\ &+43022285769154860720 z^{46} \\ &+70679466425472095400 z^{44} \\ &+95110633926334629840 z^{42} \\ &+104987510972647116596 z^{40} \\ &+95110633926334629840 z^{38} \\ &+70679466425472095400 z^{36} \\ &+43022285769154860720 z^{34} \\ &+21396721446139889170 z^{32} \\ &+8663488270794325536 z^{30} \\ &+2842094888800885680 z^{28} \\ &+750742103420236000 z^{26} \\ &+158435768605288040 z^{24} \\ &+26453881279107680 z^{22} \\ &+3452464284222448 z^{20} \\ &+346889514936480 z^{18} + 26326067079405 z^{16} \\ &+1472684427880 z^{14} + 58831501100 z^{12} \\ &+1615595608 z^{10} + 29795070 z^8 + 386200 z^6 \\ &+5260 z^4 + 40 z^2 + 1 \end{aligned} $	$\{[40, 2\sqrt{5}]\}$
		$ \begin{aligned} &z^{80} + 160 z^{78} + 14580 z^{76} + 892000 z^{74} + 46748750 z^{72} \\ &+ 2005852000 z^{70} + 64646582100 z^{68} \\ &+ 1523445290400 z^{66} + 26566618474605 z^{64} \end{aligned} $	

$\{[80, 2, 69]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+347327082501760 z^{62} \\ &+3451421441503504 z^{60} \\ &+26447808004894080 z^{58} \\ &+158431605261049640 z^{56} \\ &+750767774574870400 z^{54} \\ &+2842136571809355600 z^{52} \\ &+8663431882250704000 z^{50} \\ &+21396580804727509650 z^{48} \\ &+43022353927148625600 z^{46} \\ &+70679737668645531480 z^{44} \\ &+95110602310803044160 z^{42} \\ &+104987175841678762772 z^{40} \\ &+95110602310803044160 z^{38} \\ &+70679737668645531480 z^{36} \\ &+43022353927148625600 z^{34} \\ &+21396580804727509650 z^{32} \\ &+8663431882250704000 z^{30} \\ &+2842136571809355600 z^{28} \\ &+750767774574870400 z^{26} \\ &+158431605261049640 z^{24} \\ &+26447808004894080 z^{22} \\ &+3451421441503504 z^{20} \\ &+347327082501760 z^{18} + 26566618474605 z^{16} \\ &+1523445290400 z^{14} + 64646582100 z^{12} \\ &+2005852000 z^{10} + 46748750 z^8 + 892000 z^6 \\ &+14580 z^4 + 160 z^2 + 1 \end{aligned} $	$\{[40, 2\sqrt{5}]\}$
		$ \begin{aligned} &z^{80} + 120 z^{78} + 18380 z^{76} + 1400520 z^{74} + 74608510 z^{72} \\ &+ 2842302984 z^{70} + 80425592940 z^{68} \\ &+ 1720926218040 z^{66} + 28170827486445 z^{64} \\ &+ 355306499727840 z^{62} \\ &+ 3472306974002416 z^{60} \end{aligned} $	

$\{[80, 2, 69]\}$	$x^{11} + x^{10} + x + 1$	$ \begin{aligned} &+26454190387938080 z^{58} \\ &+158309918574519400 z^{56} \\ &+750483960345198240 z^{54} \\ &+2842192780235413680 z^{52} \\ &+8664461482484028000 z^{50} \\ &+21397462412174326290 z^{48} \\ &+43020780742811270160 z^{46} \\ &+70677070912122350120 z^{44} \\ &+95111414908500422000 z^{42} \\ &+104990832566292003380 z^{40} \\ &+95111414908500422000 z^{38} \\ &+70677070912122350120 z^{36} \\ &+43020780742811270160 z^{34} \\ &+21397462412174326290 z^{32} \\ &+8664461482484028000 z^{30} \\ &+2842192780235413680 z^{28} \\ &+750483960345198240 z^{26} \\ &+158309918574519400 z^{24} \\ &+26454190387938080 z^{22} \\ &+3472306974002416 z^{20} \\ &+355306499727840 z^{18} + 28170827486445 z^{16} \\ &+1720926218040 z^{14} + 80425592940 z^{12} \\ &+2842302984 z^{10} + 74608510 z^8 + 1400520 z^6 \\ &+18380 z^4 + 120 z^2 + 1 \end{aligned} $	$\{[40, 2\sqrt{5}]\}$
		$ \begin{aligned} &z^{84} + 42 z^{82} + 5229 z^{80} + 399224 z^{78} + 1118208 z^{77} \\ &+ 27960618 z^{76} + 143732736 z^{75} \\ &+ 1508914092 z^{74} + 8420536320 z^{73} \\ &+ 57413655754 z^{72} + 298921168896 z^{71} \\ &+ 1566792098232 z^{70} + 7195073937408 z^{69} \\ &+ 31249907105529 z^{68} + 124675180363776 z^{67} \\ &+ 464350073824994 z^{66} \end{aligned} $	

$\{[84, 2, 73]\}$

$$x^{11} + x^6 + x^5 + x^3 + x^2 + x + 1$$

$$\begin{aligned}
&+1613218481602560 z^{65} \\
&+5241455890821213 z^{64} \\
&+15977554667601920 z^{63} \\
&+45748393288560480 z^{62} \\
&+123326468179869696 z^{61} \\
&+313456891661653208 z^{60} \\
&+752280637277159424 z^{59} \\
&+1707129792394654992 z^{58} \\
&+3667132355562389504 z^{57} \\
&+7465245148480244376 z^{56} \\
&+14415689303029432320 z^{55} \\
&+26428658229134687456 z^{54} \\
&+46037144526251655168 z^{53} \\
&+76248958593061420866 z^{52} \\
&+120149786695742619648 z^{51} \\
&+180224922851237957364 z^{50} \\
&+257463889633624817664 z^{49} \\
&+350437103361880734458 z^{48} \\
&+454621249517998080000 z^{47} \\
&+562294306741836470928 z^{46} \\
&+663219357291469103104 z^{45} \\
&+746121582859576074396 z^{44} \\
&+800715662054797418496 z^{43} \\
&+819780779781310726792 z^{42} \\
&+800715662054797418496 z^{41} \\
&+746121582859576074396 z^{40} \\
&+663219357291469103104 z^{39} \\
&+562294306741836470928 z^{38} \\
&+454621249517998080000 z^{37} \\
&+350437103361880734458 z^{36} \\
&+257463889633624817664 z^{35}
\end{aligned}$$

$\{[42, \sqrt{21}]\}$

		$+180224922851237957364 z^{34}$ $+120149786695742619648 z^{33}$ $+76248958593061420866 z^{32}$ $+46037144526251655168 z^{31}$ $+26428658229134687456 z^{30}$ $+14415689303029432320 z^{29}$ $+7465245148480244376 z^{28}$ $+3667132355562389504 z^{27}$ $+1707129792394654992 z^{26}$ $+752280637277159424 z^{25}$ $+313456891661653208 z^{24}$ $+123326468179869696 z^{23}$ $+45748393288560480 z^{22}$ $+15977554667601920 z^{21}$ $+5241455890821213 z^{20}$ $+1613218481602560 z^{19}$ $+464350073824994 z^{18} + 124675180363776 z^{17}$ $+31249907105529 z^{16} + 7195073937408 z^{15}$ $+1566792098232 z^{14} + 298921168896 z^{13}$ $+57413655754 z^{12} + 8420536320 z^{11}$ $+1508914092 z^{10} + 143732736 z^9 + 27960618 z^8$ $+1118208 z^7 + 399224 z^6 + 5229 z^4 + 42 z^2 + 1$	
		$z^{84} + 5145 z^{80} + 547400 z^{78} + 48428478 z^{76}$ $+ 2805127920 z^{74} + 111387059070 z^{72}$ $+ 3103678399752 z^{70} + 62372148156549 z^{68}$ $+ 928609997503104 z^{66}$ $+ 10484268504031245 z^{64}$ $+ 91500580308964512 z^{62}$ $+ 626908655627169832 z^{60}$ $+ 3414231812367996480 z^{58}$ $+ 14930498173730895528 z^{56}$	

$\{[84, 2, 73]\}$	$x^{11} + x^7 + x^6 + x^5 + x + 1$	$ \begin{aligned} &+52857427227904269600 z^{54} \\ &+152497919068337589810 z^{52} \\ &+360449557329815071104 z^{50} \\ &+700874187606103854882 z^{48} \\ &+1124589123565915172592 z^{46} \\ &+1492243181178935416308 z^{44} \\ &+1639560938404059108768 z^{42} \\ &+1492243181178935416308 z^{40} \\ &+1124589123565915172592 z^{38} \\ &+700874187606103854882 z^{36} \\ &+360449557329815071104 z^{34} \\ &+152497919068337589810 z^{32} \\ &+52857427227904269600 z^{30} \\ &+14930498173730895528 z^{28} \\ &+3414231812367996480 z^{26} \\ &+626908655627169832 z^{24} \\ &+91500580308964512 z^{22} \\ &+10484268504031245 z^{20} \\ &+928609997503104 z^{18} + 62372148156549 z^{16} \\ &+3103678399752 z^{14} + 111387059070 z^{12} \\ &+2805127920 z^{10} + 48428478 z^8 + 547400 z^6 \\ &+5145 z^4 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 84 z^{82} + 6237 z^{80} + 541296 z^{78} + 45057978 z^{76} \\ &+ 2714912088 z^{74} + 110351203802 z^{72} \\ &+ 3098805459696 z^{70} + 62373527537769 z^{68} \\ &+ 928694547463620 z^{66} \\ &+ 10484383914557469 z^{64} \\ &+ 91499884531860672 z^{62} \\ &+ 626907614583058200 z^{60} \\ &+ 3414235414851940896 z^{58} \\ &+ 14930502724074474456 z^{56} \end{aligned} $	

$\{[84, 2, 73]\}$	$x^{11} + x^8 + x^6 + x^5 + x^4 + x^3 + x + 1$	$+52857414012564142016 z^{54}$ $+152497907859935739906 z^{52}$ $+360449591694184066536 z^{50}$ $+700874202247912131866 z^{48}$ $+1124589062723489113632 z^{46}$ $+1492243174120478839164 z^{44}$ $+1639561011818266212624 z^{42}$ $+1492243174120478839164 z^{40}$ $+1124589062723489113632 z^{38}$ $+700874202247912131866 z^{36}$ $+360449591694184066536 z^{34}$ $+152497907859935739906 z^{32}$ $+52857414012564142016 z^{30}$ $+14930502724074474456 z^{28}$ $+3414235414851940896 z^{26}$ $+626907614583058200 z^{24}$ $+91499884531860672 z^{22}$ $+10484383914557469 z^{20}$ $+928694547463620 z^{18} + 62373527537769 z^{16}$ $+3098805459696 z^{14} + 110351203802 z^{12}$ $+2714912088 z^{10} + 45057978 z^8 + 541296 z^6$ $+6237 z^4 + 84 z^2 + 1$	$\{[42, \sqrt{21}]\}$
		$z^{84} + 3885 z^{80} + 399840 z^{78} + 42592746 z^{76}$ $+2695076160 z^{74} + 110351248266 z^{72}$ $+3099341604576 z^{70} + 62374428566457 z^{68}$ $+928685454896640 z^{66}$ $+10484376139024221 z^{64}$ $+91499984406854016 z^{62}$ $+626907550458053592 z^{60}$ $+3414234938917958400 z^{58}$ $+14930503529515988376 z^{56}$	

$\{[84, 2, 73]\}$	$x^{11} + x^8 + x^6 + x^4 + x + 1$	$ \begin{aligned} &+52857414834142816128 z^{54} \\ &+152497904836684042818 z^{52} \\ &+360449592146018468352 z^{50} \\ &+700874208598456725882 z^{48} \\ &+1124589056056136580672 z^{46} \\ &+1492243170608502174492 z^{44} \\ &+1639561022275904276352 z^{42} \\ &+1492243170608502174492 z^{40} \\ &+1124589056056136580672 z^{38} \\ &+700874208598456725882 z^{36} \\ &+360449592146018468352 z^{34} \\ &+152497904836684042818 z^{32} \\ &+52857414834142816128 z^{30} \\ &+14930503529515988376 z^{28} \\ &+3414234938917958400 z^{26} \\ &+626907550458053592 z^{24} \\ &+91499984406854016 z^{22} \\ &+10484376139024221 z^{20} \\ &+928685454896640 z^{18} + 62374428566457 z^{16} \\ &+3099341604576 z^{14} + 110351248266 z^{12} \\ &+2695076160 z^{10} + 42592746 z^8 + 399840 z^6 \\ &+3885 z^4 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 5397 z^{80} + 521808 z^{78} + 45158274 z^{76} \\ &+ 2715180384 z^{74} + 110354186978 z^{72} \\ &+ 3098752820688 z^{70} + 62373723609057 z^{68} \\ &+ 928694693898496 z^{66} \\ &+ 10484380531125501 z^{64} \\ &+ 91499895985243200 z^{62} \\ &+ 626907600202913848 z^{60} \\ &+ 3414235397040365184 z^{58} \\ &+ 14930502827301854328 z^{56} \end{aligned} $	

$\{[84, 2, 73]\}$	$x^{11} + x^8 + x^7 + x^5 + x^4 + x^3 + x^2 + 1$	$+52857413830151434560 z^{54}$ $+152497907992364467554 z^{52}$ $+360449591755335909120 z^{50}$ $+700874202074445022890 z^{48}$ $+1124589062673429818976 z^{46}$ $+1492243174625610076908 z^{44}$ $+1639561011073923201088 z^{42}$ $+1492243174625610076908 z^{40}$ $+1124589062673429818976 z^{38}$ $+700874202074445022890 z^{36}$ $+360449591755335909120 z^{34}$ $+152497907992364467554 z^{32}$ $+52857413830151434560 z^{30}$ $+14930502827301854328 z^{28}$ $+3414235397040365184 z^{26}$ $+626907600202913848 z^{24}$ $+91499895985243200 z^{22}$ $+10484380531125501 z^{20}$ $+928694693898496 z^{18} + 62373723609057 z^{16}$ $+3098752820688 z^{14} + 110354186978 z^{12}$ $+2715180384 z^{10} + 45158274 z^8 + 521808 z^6$ $+5397 z^4 + 1$	$\{[42, \sqrt{21}]\}$
		$z^{84} + 126 z^{82} + 7581 z^{80} + 21504 z^{79} + 289800 z^{78}$ $+ 2171904 z^{77} + 21662970 z^{76} + 177178624 z^{75}$ $+ 1347008964 z^{74} + 9064581120 z^{73}$ $+ 55159888154 z^{72} + 305717314560 z^{71}$ $+ 1549668999624 z^{70} + 7231535625216 z^{69}$ $+ 31187400127401 z^{68} + 124747098341376 z^{67}$ $+ 464343211599526 z^{66}$ $+ 1612987879243776 z^{65}$ $+ 5242184641198365 z^{64}$	

$\{[84, 2, 73]\}$

$$x^{11} + x^8 + x^7 + x^2 + 1$$

$$\begin{aligned} &+15976188453883904 z^{63} \\ &+45749991072565920 z^{62} \\ &+123326026024341504 z^{61} \\ &+313453801625942040 z^{60} \\ &+752289148567412736 z^{59} \\ &+1707117469459516464 z^{58} \\ &+3667141234299232256 z^{57} \\ &+7465251516120373464 z^{56} \\ &+14415658329686347776 z^{55} \\ &+26428707993204088096 z^{54} \\ &+46037103548830765056 z^{53} \\ &+76248952259918159106 z^{52} \\ &+120149864466443943936 z^{51} \\ &+180224794606666943196 z^{50} \\ &+257463994140534915072 z^{49} \\ &+350437106943658854042 z^{48} \\ &+454621107974236772352 z^{47} \\ &+562294527276082711152 z^{46} \\ &+663219187800015501312 z^{45} \\ &+746121581669353462524 z^{44} \\ &+800715847296255012864 z^{43} \\ &+819780517172418416664 z^{42} \\ &+800715847296255012864 z^{41} \\ &+746121581669353462524 z^{40} \\ &+663219187800015501312 z^{39} \\ &+562294527276082711152 z^{38} \\ &+454621107974236772352 z^{37} \\ &+350437106943658854042 z^{36} \\ &+257463994140534915072 z^{35} \\ &+180224794606666943196 z^{34} \\ &+120149864466443943936 z^{33} \end{aligned}$$

 $\{[42, \sqrt{21}]\}$

		$+76248952259918159106 z^{32}$ $+46037103548830765056 z^{31}$ $+26428707993204088096 z^{30}$ $+14415658329686347776 z^{29}$ $+7465251516120373464 z^{28}$ $+3667141234299232256 z^{27}$ $+1707117469459516464 z^{26}$ $+752289148567412736 z^{25}$ $+313453801625942040 z^{24}$ $+123326026024341504 z^{23}$ $+45749991072565920 z^{22}$ $+15976188453883904 z^{21}$ $+5242184641198365 z^{20}$ $+1612987879243776 z^{19}$ $+464343211599526 z^{18} + 124747098341376 z^{17}$ $+31187400127401 z^{16} + 7231535625216 z^{15}$ $+1549668999624 z^{14} + 305717314560 z^{13}$ $+55159888154 z^{12} + 9064581120 z^{11}$ $+1347008964 z^{10} + 177178624 z^9 + 21662970 z^8$ $+2171904 z^7 + 289800 z^6 + 21504 z^5 + 7581 z^4$ $+126 z^2 + 1$	
		$2709 z^{80} + 507528 z^{78} + 47951736 z^{76}$ $+2805794544 z^{74} + 111407544010 z^{72}$ $+3103666240584 z^{70} + 62371636039776 z^{68}$ $+928611355208320 z^{66}$ $+10484271477751869 z^{64}$ $+91500562290037152 z^{62}$ $+626908671109056672 z^{60}$ $+3414231877939455552 z^{58}$ $+14930498005437546072 z^{56}$ $+52857427238002754080 z^{54}$	

{ [84, 2, 73] }	$x^{11} + x^8 + x^7 + x^6 + x^5 + x^2 + x + 1$	$ \begin{aligned} &+152497919585662042560 z^{52} \\ &+360449556549420890496 z^{50} \\ &+700874187586856849258 z^{48} \\ &+1124589124885532762736 z^{46} \\ &+1492243179832854355536 z^{44} \\ &+1639560938014013259168 z^{42} \\ &+1492243183155332549340 z^{40} \\ &+1124589121954582624368 z^{38} \\ &+700874187615044321536 z^{36} \\ &+360449558244239899008 z^{34} \\ &+152497918447792856610 z^{32} \\ &+52857427244098141728 z^{30} \\ &+14930498361540989856 z^{28} \\ &+3414231722013435456 z^{26} \\ &+626908653508584216 z^{24} \\ &+91500594466579872 z^{22} \\ &+10484265747466560 z^{20} \\ &+928608944581248 z^{18} + 62372529592737 z^{16} \\ &+3103712726856 z^{14} + 111366578680 z^{12} \\ &+2803902192 z^{10} + 48941802 z^8 + 598920 z^6 \\ &+6048 z^4 + 1 \end{aligned} $	{ [42, $\sqrt{21}$] }
		$ \begin{aligned} &z^{84} + 42 z^{82} + 5901 z^{80} + 714168 z^{78} + 56140938 z^{76} \\ &+ 3022760748 z^{74} + 114809793322 z^{72} \\ &+ 3133487146488 z^{70} + 62500460303001 z^{68} \\ &+ 928699823782626 z^{66} \\ &+ 10482904363274973 z^{64} \\ &+ 91496812955944032 z^{62} \\ &+ 626913762028382808 z^{60} \\ &+ 3414259488238184208 z^{58} \\ &+ 14930490633382255128 z^{56} \\ &+ 52857316049589458400 z^{54} \end{aligned} $	

{[84, 2, 73]}	$x^{11} + x^9 + x^7 + x^4 + x^2 + 1$	$ \begin{aligned} &+152497917057924196290 z^{52} \\ &+360449846833777957620 z^{50} \\ &+700874205263527475642 z^{48} \\ &+1124588613538037275152 z^{46} \\ &+1492243168098759151068 z^{44} \\ &+1639561555950802022280 z^{42} \\ &+1492243168098759151068 z^{40} \\ &+1124588613538037275152 z^{38} \\ &+700874205263527475642 z^{36} \\ &+360449846833777957620 z^{34} \\ &+152497917057924196290 z^{32} \\ &+52857316049589458400 z^{30} \\ &+14930490633382255128 z^{28} \\ &+3414259488238184208 z^{26} \\ &+626913762028382808 z^{24} \\ &+91496812955944032 z^{22} \\ &+10482904363274973 z^{20} \\ &+928699823782626 z^{18} + 62500460303001 z^{16} \\ &+3133487146488 z^{14} + 114809793322 z^{12} \\ &+3022760748 z^{10} + 56140938 z^8 + 714168 z^6 \\ &+5901 z^4 + 42 z^2 + 1 \end{aligned} $	{[42, $\sqrt{21}$]}
		$ \begin{aligned} &z^{84} + 168 z^{81} + 1869 z^{80} + 19992 z^{79} + 214368 z^{78} \\ &+ 2226504 z^{77} + 21238602 z^{76} + 179533816 z^{75} \\ &+ 1347280704 z^{74} + 9067649976 z^{73} \\ &+ 55175540714 z^{72} + 305588803464 z^{71} \\ &+ 1549692139104 z^{70} + 7231775112408 z^{69} \\ &+ 31187096106201 z^{68} + 124748716830696 z^{67} \\ &+ 464342939393536 z^{66} \\ &+ 1612981295047584 z^{65} \\ &+ 5242188356615133 z^{64} \\ &+ 15976188621539168 z^{63} \end{aligned} $	

$\{[84, 2, 73]\}$ $x^{11} + x^9 + x^7 + x^6 + x^4 + x + 1$
$$\begin{aligned} &+45749990577422208 z^{62} \\ &+123326068051477536 z^{61} \\ &+313453774570384728 z^{60} \\ &+752289072001331424 z^{59} \\ &+1707117489138899712 z^{58} \\ &+3667141206186848096 z^{57} \\ &+7465251697212563736 z^{56} \\ &+14415658558200943008 z^{55} \\ &+26428707549751002496 z^{54} \\ &+46037103426225194976 z^{53} \\ &+76248952235914280130 z^{52} \\ &+120149864034554697504 z^{51} \\ &+180224796291190608384 z^{50} \\ &+257463994779373628592 z^{49} \\ &+350437103985239861562 z^{48} \\ &+454621108202514992592 z^{47} \\ &+562294528564555628352 z^{46} \\ &+663219186583720014192 z^{45} \\ &+746121584494313082972 z^{44} \\ &+800715848038746715152 z^{43} \\ &+819780512075460684672 z^{42} \\ &+800715848038746715152 z^{41} \\ &+746121584494313082972 z^{40} \\ &+663219186583720014192 z^{39} \\ &+562294528564555628352 z^{38} \\ &+454621108202514992592 z^{37} \\ &+350437103985239861562 z^{36} \\ &+257463994779373628592 z^{35} \\ &+180224796291190608384 z^{34} \\ &+120149864034554697504 z^{33} \\ &+76248952235914280130 z^{32} \end{aligned}$$
 $\{[42, \sqrt{21}]\}$

		$+46037103426225194976 z^{31}$ $+26428707549751002496 z^{30}$ $+14415658558200943008 z^{29}$ $+7465251697212563736 z^{28}$ $+3667141206186848096 z^{27}$ $+1707117489138899712 z^{26}$ $+752289072001331424 z^{25}$ $+313453774570384728 z^{24}$ $+123326068051477536 z^{23}$ $+45749990577422208 z^{22}$ $+15976188621539168 z^{21}$ $+5242188356615133 z^{20}$ $+1612981295047584 z^{19}$ $+464342939393536 z^{18} + 124748716830696 z^{17}$ $+31187096106201 z^{16} + 7231775112408 z^{15}$ $+1549692139104 z^{14} + 305588803464 z^{13}$ $+55175540714 z^{12} + 9067649976 z^{11}$ $+1347280704 z^{10} + 179533816 z^9 + 21238602 z^8$ $+2226504 z^7 + 214368 z^6 + 19992 z^5 + 1869 z^4$ $+168 z^3 + 1$	
		$z^{84} + 42 z^{82} + 6909 z^{80} + 725144 z^{78} + 52043418 z^{76}$ $+ 2820328812 z^{74} + 111016987578 z^{72}$ $+ 3098923394520 z^{70} + 62359063480329 z^{68}$ $+ 928669785006306 z^{66}$ $+ 10484549442739869 z^{64}$ $+ 91500156088246752 z^{62}$ $+ 626906248010174104 z^{60}$ $+ 3414234438917674512 z^{58}$ $+ 14930509980559037784 z^{56}$ $+ 52857412747125051744 z^{54}$ $+ 152497886217610456194 z^{52}$	

$\{[84, 2, 73]\}$	$x^{11} + x^9 + x^5 + x^3 + x^2 + 1$	$ \begin{aligned} &+360449609392605799668 z^{50} \\ &+700874236546747473882 z^{48} \\ &+1124589010137482679888 z^{46} \\ &+1492243155422320206780 z^{44} \\ &+1639561085582147398920 z^{42} \\ &+1492243155422320206780 z^{40} \\ &+1124589010137482679888 z^{38} \\ &+700874236546747473882 z^{36} \\ &+360449609392605799668 z^{34} \\ &+152497886217610456194 z^{32} \\ &+52857412747125051744 z^{30} \\ &+14930509980559037784 z^{28} \\ &+3414234438917674512 z^{26} \\ &+626906248010174104 z^{24} \\ &+91500156088246752 z^{22} \\ &+10484549442739869 z^{20} \\ &+928669785006306 z^{18} + 62359063480329 z^{16} \\ &+3098923394520 z^{14} + 111016987578 z^{12} \\ &+2820328812 z^{10} + 52043418 z^8 + 725144 z^6 \\ &+6909 z^4 + 42 z^2 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 126 z^{82} + 7581 z^{80} + 21504 z^{79} + 289800 z^{78} \\ &+ 2171904 z^{77} + 21662970 z^{76} + 177178624 z^{75} \\ &+ 1347008964 z^{74} + 9064581120 z^{73} \\ &+ 55159888154 z^{72} + 305717314560 z^{71} \\ &+ 1549668999624 z^{70} + 7231535625216 z^{69} \\ &+ 31187400127401 z^{68} + 124747098341376 z^{67} \\ &+ 464343211599526 z^{66} \\ &+ 1612987879243776 z^{65} \\ &+ 5242184641198365 z^{64} \\ &+ 15976188453883904 z^{63} \\ &+ 45749991072565920 z^{62} \end{aligned} $	

$\{[84, 2, 73]\}$ $x^{11} + x^9 + x^4 + x^3 + 1$
$$\begin{aligned} &+123326026024341504 z^{61} \\ &+313453801625942040 z^{60} \\ &+752289148567412736 z^{59} \\ &+1707117469459516464 z^{58} \\ &+3667141234299232256 z^{57} \\ &+7465251516120373464 z^{56} \\ &+14415658329686347776 z^{55} \\ &+26428707993204088096 z^{54} \\ &+46037103548830765056 z^{53} \\ &+76248952259918159106 z^{52} \\ &+120149864466443943936 z^{51} \\ &+180224794606666943196 z^{50} \\ &+257463994140534915072 z^{49} \\ &+350437106943658854042 z^{48} \\ &+454621107974236772352 z^{47} \\ &+562294527276082711152 z^{46} \\ &+663219187800015501312 z^{45} \\ &+746121581669353462524 z^{44} \\ &+800715847296255012864 z^{43} \\ &+819780517172418416664 z^{42} \\ &+800715847296255012864 z^{41} \\ &+746121581669353462524 z^{40} \\ &+663219187800015501312 z^{39} \\ &+562294527276082711152 z^{38} \\ &+454621107974236772352 z^{37} \\ &+350437106943658854042 z^{36} \\ &+257463994140534915072 z^{35} \\ &+180224794606666943196 z^{34} \\ &+120149864466443943936 z^{33} \\ &+76248952259918159106 z^{32} \\ &+46037103548830765056 z^{31} \end{aligned}$$
 $\{[42, \sqrt{21}]\}$

		$ \begin{aligned} &+26428707993204088096 z^{30} \\ &+14415658329686347776 z^{29} \\ &+7465251516120373464 z^{28} \\ &+3667141234299232256 z^{27} \\ &+1707117469459516464 z^{26} \\ &+752289148567412736 z^{25} \\ &+313453801625942040 z^{24} \\ &+123326026024341504 z^{23} \\ &+45749991072565920 z^{22} \\ &+15976188453883904 z^{21} \\ &+5242184641198365 z^{20} \\ &+1612987879243776 z^{19} \\ &+464343211599526 z^{18} + 124747098341376 z^{17} \\ &+31187400127401 z^{16} + 7231535625216 z^{15} \\ &+1549668999624 z^{14} + 305717314560 z^{13} \\ &+55159888154 z^{12} + 9064581120 z^{11} \\ &+1347008964 z^{10} + 177178624 z^9 + 21662970 z^8 \\ &+2171904 z^7 + 289800 z^6 + 21504 z^5 + 7581 z^4 \\ &+126 z^2 + 1 \end{aligned} $
		$ \begin{aligned} &z^{84} + 210 z^{82} + 20685 z^{80} + 1269464 z^{78} + 66141642 z^{76} \\ &+ 3098591580 z^{74} + 114835201642 z^{72} \\ &+ 3131255428632 z^{70} + 62496975411801 z^{68} \\ &+ 928736499116650 z^{66} \\ &+ 10482932684145117 z^{64} \\ &+ 91496425418578656 z^{62} \\ &+ 626913984924186456 z^{60} \\ &+ 3414261442102619472 z^{58} \\ &+ 14930487445123154712 z^{56} \\ &+ 52857312365805385312 z^{54} \\ &+ 152497930281872599746 z^{52} \\ &+ 360449843090960032452 z^{50} \end{aligned} $

{[84, 2, 73]}	$x^{11} + x^9 + x^8 + x^7 + x^4 + x^2 + x + 1$	$ \begin{aligned} &+700874182002137417274 z^{48} \\ &+1124588638874112784848 z^{46} \\ &+1492243182176204327772 z^{44} \\ &+1639561514731137599144 z^{42} \\ &+1492243182176204327772 z^{40} \\ &+1124588638874112784848 z^{38} \\ &+700874182002137417274 z^{36} \\ &+360449843090960032452 z^{34} \\ &+152497930281872599746 z^{32} \\ &+52857312365805385312 z^{30} \\ &+14930487445123154712 z^{28} \\ &+3414261442102619472 z^{26} \\ &+626913984924186456 z^{24} \\ &+91496425418578656 z^{22} \\ &+10482932684145117 z^{20} \\ &+928736499116650 z^{18} + 62496975411801 z^{16} \\ &+3131255428632 z^{14} + 114835201642 z^{12} \\ &+3098591580 z^{10} + 66141642 z^8 + 1269464 z^6 \\ &+20685 z^4 + 210 z^2 + 1 \end{aligned} $	{[42, $\sqrt{21}$]}
		$ \begin{aligned} &z^{84} + 168 z^{81} + 4242 z^{80} + 35112 z^{79} + 348810 z^{78} \\ &+ 3275160 z^{77} + 27135717 z^{76} + 207113368 z^{75} \\ &+ 1457031660 z^{74} + 9435659352 z^{73} \\ &+ 56214522749 z^{72} + 307998813528 z^{71} \\ &+ 1554003553914 z^{70} + 7236561388392 z^{69} \\ &+ 31184939033766 z^{68} + 124721691802344 z^{67} \\ &+ 464267103691552 z^{66} \\ &+ 1612853904098976 z^{65} \\ &+ 5242081464187953 z^{64} \\ &+ 15976299223205024 z^{63} \\ &+ 45750585419532168 z^{62} \\ &+ 123327203973963360 z^{61} \end{aligned} $	

$\{[84, 2, 73]\}$

$$x^{11} + x^9 + x^8 + x^7 + x^5 + x^4 + x^3 + x + 1$$

$$\begin{aligned}
&+313454882490000132 z^{60} \\
&+752288800432086624 z^{59} \\
&+1707114348831443664 z^{58} \\
&+3667135284144719072 z^{57} \\
&+7465246394999491476 z^{56} \\
&+14415659883806842080 z^{55} \\
&+26428719796154661160 z^{54} \\
&+46037123417530579488 z^{53} \\
&+76248966769269685062 z^{52} \\
&+120149856209199299616 z^{51} \\
&+180224760995848452576 z^{50} \\
&+257463950197439908272 z^{49} \\
&+350437083601925381712 z^{48} \\
&+454621135861720923312 z^{47} \\
&+562294595429673975372 z^{46} \\
&+663219249817100490192 z^{45} \\
&+746121595677362383878 z^{44} \\
&+800715793330448403408 z^{43} \\
&+819780427615276178568 z^{42} \\
&+800715793330448403408 z^{41} \\
&+746121595677362383878 z^{40} \\
&+663219249817100490192 z^{39} \\
&+562294595429673975372 z^{38} \\
&+454621135861720923312 z^{37} \\
&+350437083601925381712 z^{36} \\
&+257463950197439908272 z^{35} \\
&+180224760995848452576 z^{34} \\
&+120149856209199299616 z^{33} \\
&+76248966769269685062 z^{32} \\
&+46037123417530579488 z^{31} \\
&+26428719796154661160 z^{30}
\end{aligned}$$

$\{[42, \sqrt{21}]\}$

		$+14415659883806842080 z^{29}$ $+7465246394999491476 z^{28}$ $+3667135284144719072 z^{27}$ $+1707114348831443664 z^{26}$ $+752288800432086624 z^{25}$ $+313454882490000132 z^{24}$ $+123327203973963360 z^{23}$ $+45750585419532168 z^{22}$ $+15976299223205024 z^{21}$ $+5242081464187953 z^{20}$ $+1612853904098976 z^{19}$ $+464267103691552 z^{18} + 124721691802344 z^{17}$ $+31184939033766 z^{16} + 7236561388392 z^{15}$ $+1554003553914 z^{14} + 307998813528 z^{13}$ $+56214522749 z^{12} + 9435659352 z^{11}$ $+1457031660 z^{10} + 207113368 z^9 + 27135717 z^8$ $+3275160 z^7 + 348810 z^6 + 35112 z^5 + 4242 z^4$ $+168 z^3 + 1$	
		$z^{84} + 5397 z^{80} + 521808 z^{78} + 45158274 z^{76}$ $+ 2715180384 z^{74} + 110354186978 z^{72}$ $+ 3098752820688 z^{70} + 62373723609057 z^{68}$ $+ 928694693898496 z^{66}$ $+ 10484380531125501 z^{64}$ $+ 91499895985243200 z^{62}$ $+ 626907600202913848 z^{60}$ $+ 3414235397040365184 z^{58}$ $+ 14930502827301854328 z^{56}$ $+ 52857413830151434560 z^{54}$ $+ 152497907992364467554 z^{52}$ $+ 360449591755335909120 z^{50}$ $+ 700874202074445022890 z^{48}$	

$\{[84, 2, 73]\}$	$x^{11} + x^9 + x^8 + x^7 + x^6 + x^4 + x^3 + 1$	$ \begin{aligned} &+1124589062673429818976 z^{46} \\ &+1492243174625610076908 z^{44} \\ &+1639561011073923201088 z^{42} \\ &+1492243174625610076908 z^{40} \\ &+1124589062673429818976 z^{38} \\ &+700874202074445022890 z^{36} \\ &+360449591755335909120 z^{34} \\ &+152497907992364467554 z^{32} \\ &+52857413830151434560 z^{30} \\ &+14930502827301854328 z^{28} \\ &+3414235397040365184 z^{26} \\ &+626907600202913848 z^{24} \\ &+91499895985243200 z^{22} \\ &+10484380531125501 z^{20} \\ &+928694693898496 z^{18} + 62373723609057 z^{16} \\ &+3098752820688 z^{14} + 110354186978 z^{12} \\ &+2715180384 z^{10} + 45158274 z^8 + 521808 z^6 \\ &+5397 z^4 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 42 z^{82} + 4557 z^{80} + 399672 z^{78} + 42444234 z^{76} \\ &+ 2696485932 z^{74} + 110345997930 z^{72} \\ &+ 3099346414968 z^{70} + 62374441216857 z^{68} \\ &+ 928685596005090 z^{66} \\ &+ 10484374450425309 z^{64} \\ &+ 91499992548727392 z^{62} \\ &+ 626907526036635480 z^{60} \\ &+ 3414234989219791632 z^{58} \\ &+ 14930503457139014424 z^{56} \\ &+ 52857414906522887136 z^{54} \\ &+ 152497904773394601666 z^{52} \\ &+ 360449592266649748212 z^{50} \\ &+ 700874208255066143802 z^{48} \end{aligned} $	

$\{[84, 2, 73]\}$	$x^{11} + x^9 + x^8 + x^4 + x + 1$	$ \begin{aligned} &+1124589056794626849552 z^{46} \\ &+1492243169464394494812 z^{44} \\ &+1639561023594253849992 z^{42} \\ &+1492243169464394494812 z^{40} \\ &+1124589056794626849552 z^{38} \\ &+700874208255066143802 z^{36} \\ &+360449592266649748212 z^{34} \\ &+152497904773394601666 z^{32} \\ &+52857414906522887136 z^{30} \\ &+14930503457139014424 z^{28} \\ &+3414234989219791632 z^{26} \\ &+626907526036635480 z^{24} \\ &+91499992548727392 z^{22} \\ &+10484374450425309 z^{20} \\ &+928685596005090 z^{18} + 62374441216857 z^{16} \\ &+3099346414968 z^{14} + 110345997930 z^{12} \\ &+2696485932 z^{10} + 42444234 z^8 + 399672 z^6 \\ &+4557 z^4 + 42 z^2 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 42 z^{82} + 6909 z^{80} + 725144 z^{78} + 52043418 z^{76} \\ &+ 2820328812 z^{74} + 111016987578 z^{72} \\ &+ 3098923394520 z^{70} + 62359063480329 z^{68} \\ &+ 928669785006306 z^{66} \\ &+ 10484549442739869 z^{64} \\ &+ 91500156088246752 z^{62} \\ &+ 626906248010174104 z^{60} \\ &+ 3414234438917674512 z^{58} \\ &+ 14930509980559037784 z^{56} \\ &+ 52857412747125051744 z^{54} \\ &+ 152497886217610456194 z^{52} \\ &+ 360449609392605799668 z^{50} \\ &+ 700874236546747473882 z^{48} \end{aligned} $	

$\{[84, 2, 73]\}$	$x^{11} + x^9 + x^8 + x^6 + x^2 + 1$	$ \begin{aligned} &+1124589010137482679888 z^{46} \\ &+1492243155422320206780 z^{44} \\ &+1639561085582147398920 z^{42} \\ &+1492243155422320206780 z^{40} \\ &+1124589010137482679888 z^{38} \\ &+700874236546747473882 z^{36} \\ &+360449609392605799668 z^{34} \\ &+152497886217610456194 z^{32} \\ &+52857412747125051744 z^{30} \\ &+14930509980559037784 z^{28} \\ &+3414234438917674512 z^{26} \\ &+626906248010174104 z^{24} \\ &+91500156088246752 z^{22} \\ &+10484549442739869 z^{20} \\ &+928669785006306 z^{18} + 62359063480329 z^{16} \\ &+3098923394520 z^{14} + 111016987578 z^{12} \\ &+2820328812 z^{10} + 52043418 z^8 + 725144 z^6 \\ &+6909 z^4 + 42 z^2 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 252 z^{82} + 29526 z^{80} + 2134524 z^{78} \\ &+ 106555449 z^{76} + 3895443552 z^{74} \\ &+ 121793302449 z^{72} + 3147090418332 z^{70} \\ &+ 62348843397834 z^{68} + 927853669706124 z^{66} \\ &+ 10483211619225345 z^{64} \\ &+ 91506478234302768 z^{62} \\ &+ 626919780469999380 z^{60} \\ &+ 3414200607201560064 z^{58} \\ &+ 14930444368176101604 z^{56} \\ &+ 52857550990466187504 z^{54} \\ &+ 152498063407760138838 z^{52} \\ &+ 360449204415113466744 z^{50} \\ &+ 700873983480365632392 z^{48} \end{aligned} $	

$\{[84, 2, 73]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+1124589795701456083272 z^{46} \\ &+1492243284750047962398 z^{44} \\ &+1639560104406667130688 z^{42} \\ &+1492243284750047962398 z^{40} \\ &+1124589795701456083272 z^{38} \\ &+700873983480365632392 z^{36} \\ &+360449204415113466744 z^{34} \\ &+152498063407760138838 z^{32} \\ &+52857550990466187504 z^{30} \\ &+14930444368176101604 z^{28} \\ &+3414200607201560064 z^{26} \\ &+626919780469999380 z^{24} \\ &+91506478234302768 z^{22} \\ &+10483211619225345 z^{20} \\ &+927853669706124 z^{18} + 62348843397834 z^{16} \\ &+3147090418332 z^{14} + 121793302449 z^{12} \\ &+3895443552 z^{10} + 106555449 z^8 + 2134524 z^6 \\ &+29526 z^4 + 252 z^2 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 42 z^{82} + 4221 z^{80} + 483224 z^{78} + 43917594 z^{76} \\ &+ 2698239852 z^{74} + 110301057594 z^{72} \\ &+ 3099233197272 z^{70} + 62375475050889 z^{68} \\ &+ 928686336463074 z^{66} \\ &+ 10484361241269405 z^{64} \\ &+ 91500001917447648 z^{62} \\ &+ 626907629862729880 z^{60} \\ &+ 3414234696923827728 z^{58} \\ &+ 14930503586110642008 z^{56} \\ &+ 52857415569502408032 z^{54} \\ &+ 152497903713774619266 z^{52} \\ &+ 360449591806177768692 z^{50} \\ &+ 700874211105137566938 z^{48} \end{aligned} $	

$\{[84, 2, 73]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^3 + x + 1$	$ \begin{aligned} &+1124589054204770633808 z^{46} \\ &+1492243168552875749052 z^{44} \\ &+1639561026734524274952 z^{42} \\ &+1492243168552875749052 z^{40} \\ &+1124589054204770633808 z^{38} \\ &+700874211105137566938 z^{36} \\ &+360449591806177768692 z^{34} \\ &+152497903713774619266 z^{32} \\ &+52857415569502408032 z^{30} \\ &+14930503586110642008 z^{28} \\ &+3414234696923827728 z^{26} \\ &+626907629862729880 z^{24} \\ &+91500001917447648 z^{22} \\ &+10484361241269405 z^{20} \\ &+928686336463074 z^{18} + 62375475050889 z^{16} \\ &+3099233197272 z^{14} + 110301057594 z^{12} \\ &+2698239852 z^{10} + 43917594 z^8 + 483224 z^6 \\ &+4221 z^4 + 42 z^2 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 126 z^{82} + 12957 z^{80} + 859656 z^{78} + 46172154 z^{76} \\ &+ 89915392 z^{75} + 1899296196 z^{74} \\ &+ 7283146752 z^{73} + 62209625114 z^{72} \\ &+ 286085087232 z^{71} + 1600688669640 z^{70} \\ &+ 7118832795648 z^{69} + 31368463683753 z^{68} \\ &+ 124514614640640 z^{67} + 464355895346854 z^{66} \\ &+ 1613720495063040 z^{65} \\ &+ 5240071909002525 z^{64} \\ &+ 15980425436463104 z^{63} \\ &+ 45745310044730016 z^{62} \\ &+ 123327046553174016 z^{61} \\ &+ 313462433226925080 z^{60} \\ &+ 752262986119249920 z^{59} \end{aligned} $	

$\{[84, 2, 73]\}$ $x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^2 + x + 1$
$$\begin{aligned} &+1707154138657397808 z^{58} \\ &+3667115985263919104 z^{57} \\ &+7465235444383847640 z^{56} \\ &+14415753596500967424 z^{55} \\ &+26428558255921866016 z^{54} \\ &+46037220433053351936 z^{53} \\ &+76248962079239381250 z^{52} \\ &+120149627566137802752 z^{51} \\ &+180225185066487442140 z^{50} \\ &+257463697541582290944 z^{49} \\ &+350437115290477558938 z^{48} \\ &+454621529241701842944 z^{47} \\ &+562293840398899234416 z^{46} \\ &+663219670915636789248 z^{45} \\ &+746121572867943466236 z^{44} \\ &+800715310049436106752 z^{43} \\ &+819781345376856176664 z^{42} \\ &+800715310049436106752 z^{41} \\ &+746121572867943466236 z^{40} \\ &+663219670915636789248 z^{39} \\ &+562293840398899234416 z^{38} \\ &+454621529241701842944 z^{37} \\ &+350437115290477558938 z^{36} \\ &+257463697541582290944 z^{35} \\ &+180225185066487442140 z^{34} \\ &+120149627566137802752 z^{33} \\ &+76248962079239381250 z^{32} \\ &+46037220433053351936 z^{31} \\ &+26428558255921866016 z^{30} \\ &+14415753596500967424 z^{29} \\ &+7465235444383847640 z^{28} \end{aligned}$$
 $\{[42, \sqrt{21}]\}$

		$+3667115985263919104 z^{27}$ $+1707154138657397808 z^{26}$ $+752262986119249920 z^{25}$ $+313462433226925080 z^{24}$ $+123327046553174016 z^{23}$ $+45745310044730016 z^{22}$ $+15980425436463104 z^{21}$ $+5240071909002525 z^{20}$ $+1613720495063040 z^{19}$ $+464355895346854 z^{18} + 124514614640640 z^{17}$ $+31368463683753 z^{16} + 7118832795648 z^{15}$ $+1600688669640 z^{14} + 286085087232 z^{13}$ $+62209625114 z^{12} + 7283146752 z^{11}$ $+1899296196 z^{10} + 89915392 z^9 + 46172154 z^8$ $+859656 z^6 + 12957 z^4 + 126 z^2 + 1$	
		$z^{84} + 42 z^{82} + 5229 z^{80} + 399224 z^{78} + 1118208 z^{77}$ $+ 27960618 z^{76} + 143732736 z^{75}$ $+ 1508914092 z^{74} + 8420536320 z^{73}$ $+ 57413655754 z^{72} + 298921168896 z^{71}$ $+ 1566792098232 z^{70} + 7195073937408 z^{69}$ $+ 31249907105529 z^{68} + 124675180363776 z^{67}$ $+ 464350073824994 z^{66}$ $+ 1613218481602560 z^{65}$ $+ 5241455890821213 z^{64}$ $+ 15977554667601920 z^{63}$ $+ 45748393288560480 z^{62}$ $+ 123326468179869696 z^{61}$ $+ 313456891661653208 z^{60}$ $+ 752280637277159424 z^{59}$ $+ 1707129792394654992 z^{58}$ $+ 3667132355562389504 z^{57}$	

$\{[84, 2, 73]\}$

$$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^5 + 1$$

$$\begin{aligned} &+ 7465245148480244376 z^{56} \\ &+ 14415689303029432320 z^{55} \\ &+ 26428658229134687456 z^{54} \\ &+ 46037144526251655168 z^{53} \\ &+ 76248958593061420866 z^{52} \\ &+ 120149786695742619648 z^{51} \\ &+ 180224922851237957364 z^{50} \\ &+ 257463889633624817664 z^{49} \\ &+ 350437103361880734458 z^{48} \\ &+ 454621249517998080000 z^{47} \\ &+ 562294306741836470928 z^{46} \\ &+ 663219357291469103104 z^{45} \\ &+ 746121582859576074396 z^{44} \\ &+ 800715662054797418496 z^{43} \\ &+ 819780779781310726792 z^{42} \\ &+ 800715662054797418496 z^{41} \\ &+ 746121582859576074396 z^{40} \\ &+ 663219357291469103104 z^{39} \\ &+ 562294306741836470928 z^{38} \\ &+ 454621249517998080000 z^{37} \\ &+ 350437103361880734458 z^{36} \\ &+ 257463889633624817664 z^{35} \\ &+ 180224922851237957364 z^{34} \\ &+ 120149786695742619648 z^{33} \\ &+ 76248958593061420866 z^{32} \\ &+ 46037144526251655168 z^{31} \\ &+ 26428658229134687456 z^{30} \\ &+ 14415689303029432320 z^{29} \\ &+ 7465245148480244376 z^{28} \\ &+ 3667132355562389504 z^{27} \\ &+ 1707129792394654992 z^{26} \end{aligned}$$

 $\{[42, \sqrt{21}]\}$

		$+752280637277159424 z^{25}$ $+313456891661653208 z^{24}$ $+123326468179869696 z^{23}$ $+45748393288560480 z^{22}$ $+15977554667601920 z^{21}$ $+5241455890821213 z^{20}$ $+1613218481602560 z^{19}$ $+464350073824994 z^{18} + 124675180363776 z^{17}$ $+31249907105529 z^{16} + 7195073937408 z^{15}$ $+1566792098232 z^{14} + 298921168896 z^{13}$ $+57413655754 z^{12} + 8420536320 z^{11}$ $+1508914092 z^{10} + 143732736 z^9 + 27960618 z^8$ $+1118208 z^7 + 399224 z^6 + 5229 z^4 + 42 z^2 + 1$	
$\{[84, 2, 73]\}$	$x^{11} + x^{10} + x^9 + x^8 + x + 1$	$z^{84} + 42 z^{82} + 7581 z^{80} + 589400 z^{78} + 45048570 z^{76}$ $+2700962796 z^{74} + 110253756186 z^{72}$ $+3099143544216 z^{70} + 62376412160937 z^{68}$ $+928687153192162 z^{66}$ $+10484347826743581 z^{64}$ $+91500018007186656 z^{62}$ $+626907690414374936 z^{60}$ $+3414234548928515088 z^{58}$ $+14930503421301645528 z^{56}$ $+52857416589235357792 z^{54}$ $+152497902480103861506 z^{52}$ $+360449591201426475252 z^{50}$ $+700874214066639459994 z^{48}$ $+1124589052272886693584 z^{46}$ $+1492243165842313920252 z^{44}$ $+1639561032229703435272 z^{42}$ $+1492243165842313920252 z^{40}$ $+1124589052272886693584 z^{38}$	$\{[42, \sqrt{21}]\}$

		$+700874214066639459994 z^{36}$ $+360449591201426475252 z^{34}$ $+152497902480103861506 z^{32}$ $+52857416589235357792 z^{30}$ $+14930503421301645528 z^{28}$ $+3414234548928515088 z^{26}$ $+626907690414374936 z^{24}$ $+91500018007186656 z^{22}$ $+10484347826743581 z^{20}$ $+928687153192162 z^{18} + 62376412160937 z^{16}$ $+3099143544216 z^{14} + 110253756186 z^{12}$ $+2700962796 z^{10} + 45048570 z^8 + 589400 z^6$ $+7581 z^4 + 42 z^2 + 1$	
$\{[84, 2, 73]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^4 + x^3 + x^2 + 1$	$z^{84} + 210 z^{82} + 20685 z^{80} + 1269464 z^{78} + 66141642 z^{76}$ $+ 3098591580 z^{74} + 114835201642 z^{72}$ $+ 3131255428632 z^{70} + 62496975411801 z^{68}$ $+ 928736499116650 z^{66}$ $+ 10482932684145117 z^{64}$ $+ 91496425418578656 z^{62}$ $+ 626913984924186456 z^{60}$ $+ 3414261442102619472 z^{58}$ $+ 14930487445123154712 z^{56}$ $+ 52857312365805385312 z^{54}$ $+ 152497930281872599746 z^{52}$ $+ 360449843090960032452 z^{50}$ $+ 700874182002137417274 z^{48}$ $+ 1124588638874112784848 z^{46}$ $+ 1492243182176204327772 z^{44}$ $+ 1639561514731137599144 z^{42}$ $+ 1492243182176204327772 z^{40}$ $+ 1124588638874112784848 z^{38}$	$\{[42, \sqrt{21}]\}$

		$+700874182002137417274 z^{36}$ $+360449843090960032452 z^{34}$ $+152497930281872599746 z^{32}$ $+52857312365805385312 z^{30}$ $+14930487445123154712 z^{28}$ $+3414261442102619472 z^{26}$ $+626913984924186456 z^{24}$ $+91496425418578656 z^{22}$ $+10482932684145117 z^{20}$ $+928736499116650 z^{18} + 62496975411801 z^{16}$ $+3131255428632 z^{14} + 114835201642 z^{12}$ $+3098591580 z^{10} + 66141642 z^8 + 1269464 z^6$ $+20685 z^4 + 210 z^2 + 1$	
		$z^{84} + 126 z^{82} + 12957 z^{80} + 859656 z^{78} + 46172154 z^{76}$ $+ 89915392 z^{75} + 1899296196 z^{74}$ $+ 7283146752 z^{73} + 62209625114 z^{72}$ $+ 286085087232 z^{71} + 1600688669640 z^{70}$ $+ 7118832795648 z^{69} + 31368463683753 z^{68}$ $+ 124514614640640 z^{67} + 464355895346854 z^{66}$ $+ 1613720495063040 z^{65}$ $+ 5240071909002525 z^{64}$ $+ 15980425436463104 z^{63}$ $+ 45745310044730016 z^{62}$ $+ 123327046553174016 z^{61}$ $+ 313462433226925080 z^{60}$ $+ 752262986119249920 z^{59}$ $+ 1707154138657397808 z^{58}$ $+ 3667115985263919104 z^{57}$ $+ 7465235444383847640 z^{56}$ $+ 14415753596500967424 z^{55}$ $+ 26428558255921866016 z^{54}$	

$\{[84, 2, 73]\}$

$$x^{11} + x^{10} + x^9 + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned} &+46037220433053351936 z^{53} \\ &+76248962079239381250 z^{52} \\ &+120149627566137802752 z^{51} \\ &+180225185066487442140 z^{50} \\ &+257463697541582290944 z^{49} \\ &+350437115290477558938 z^{48} \\ &+454621529241701842944 z^{47} \\ &+562293840398899234416 z^{46} \\ &+663219670915636789248 z^{45} \\ &+746121572867943466236 z^{44} \\ &+800715310049436106752 z^{43} \\ &+819781345376856176664 z^{42} \\ &+800715310049436106752 z^{41} \\ &+746121572867943466236 z^{40} \\ &+663219670915636789248 z^{39} \\ &+562293840398899234416 z^{38} \\ &+454621529241701842944 z^{37} \\ &+350437115290477558938 z^{36} \\ &+257463697541582290944 z^{35} \\ &+180225185066487442140 z^{34} \\ &+120149627566137802752 z^{33} \\ &+76248962079239381250 z^{32} \\ &+46037220433053351936 z^{31} \\ &+26428558255921866016 z^{30} \\ &+14415753596500967424 z^{29} \\ &+7465235444383847640 z^{28} \\ &+3667115985263919104 z^{27} \\ &+1707154138657397808 z^{26} \\ &+752262986119249920 z^{25} \\ &+313462433226925080 z^{24} \\ &+123327046553174016 z^{23} \end{aligned}$$

 $\{[42, \sqrt{21}]\}$

		$+45745310044730016 z^{22}$ $+15980425436463104 z^{21}$ $+5240071909002525 z^{20}$ $+1613720495063040 z^{19}$ $+464355895346854 z^{18} + 124514614640640 z^{17}$ $+31368463683753 z^{16} + 7118832795648 z^{15}$ $+1600688669640 z^{14} + 286085087232 z^{13}$ $+62209625114 z^{12} + 7283146752 z^{11}$ $+1899296196 z^{10} + 89915392 z^9 + 46172154 z^8$ $+859656 z^6 + 12957 z^4 + 126 z^2 + 1$	
$\{[84, 2, 73]\}$	$x^{11} + x^{10} + x^9 + x^6 + x^5 + x^4 + x^3 + 1$	$2709 z^{80} + 507528 z^{78} + 47951736 z^{76}$ $+2805794544 z^{74} + 111407544010 z^{72}$ $+3103666240584 z^{70} + 62371636039776 z^{68}$ $+928611355208320 z^{66}$ $+10484271477751869 z^{64}$ $+91500562290037152 z^{62}$ $+626908671109056672 z^{60}$ $+3414231877939455552 z^{58}$ $+14930498005437546072 z^{56}$ $+52857427238002754080 z^{54}$ $+152497919585662042560 z^{52}$ $+360449556549420890496 z^{50}$ $+700874187586856849258 z^{48}$ $+1124589124885532762736 z^{46}$ $+1492243179832854355536 z^{44}$ $+1639560938014013259168 z^{42}$ $+1492243183155332549340 z^{40}$ $+1124589121954582624368 z^{38}$ $+700874187615044321536 z^{36}$ $+360449558244239899008 z^{34}$ $+152497918447792856610 z^{32}$	$\{[42, \sqrt{21}]\}$

		$+52857427244098141728 z^{30}$ $+14930498361540989856 z^{28}$ $+3414231722013435456 z^{26}$ $+626908653508584216 z^{24}$ $+91500594466579872 z^{22}$ $+10484265747466560 z^{20}$ $+928608944581248 z^{18} + 62372529592737 z^{16}$ $+3103712726856 z^{14} + 111366578680 z^{12}$ $+2803902192 z^{10} + 48941802 z^8 + 598920 z^6$ $+6048 z^4 + 1$	
$\{[84, 2, 73]\}$	$x^{11} + x^{10} + x^8 + x^7 + x^4 + x^3 + x + 1$	$z^{84} + 6573 z^{80} + 706272 z^{78} + 56223594 z^{76}$ $+ 3022098240 z^{74} + 114813805834 z^{72}$ $+ 3133467339744 z^{70} + 62500546196025 z^{68}$ $+ 928699489009152 z^{66}$ $+ 10482905507483997 z^{64}$ $+ 91496809625558400 z^{62}$ $+ 626913770238532056 z^{60}$ $+ 3414259470595529472 z^{58}$ $+ 14930490668652458904 z^{56}$ $+ 52857315979016723328 z^{54}$ $+ 152497917201464226882 z^{52}$ $+ 360449846553126597120 z^{50}$ $+ 700874205757053004922 z^{48}$ $+ 1124588612788186846272 z^{46}$ $+ 1492243169066246481948 z^{44}$ $+ 1639561554897072769920 z^{42}$ $+ 1492243169066246481948 z^{40}$ $+ 1124588612788186846272 z^{38}$ $+ 700874205757053004922 z^{36}$ $+ 360449846553126597120 z^{34}$ $+ 152497917201464226882 z^{32}$	$\{[42, \sqrt{21}]\}$

		$+52857315979016723328 z^{30}$ $+14930490668652458904 z^{28}$ $+3414259470595529472 z^{26}$ $+626913770238532056 z^{24}$ $+91496809625558400 z^{22}$ $+10482905507483997 z^{20}$ $+928699489009152 z^{18} + 62500546196025 z^{16}$ $+3133467339744 z^{14} + 114813805834 z^{12}$ $+3022098240 z^{10} + 56223594 z^8 + 706272 z^6$ $+6573 z^4 + 1$	
$\{[84, 2, 73]\}$	$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^3 + 1$	$z^{84} + 84 z^{82} + 6237 z^{80} + 541296 z^{78} + 45057978 z^{76}$ $+ 2714912088 z^{74} + 110351203802 z^{72}$ $+ 3098805459696 z^{70} + 62373527537769 z^{68}$ $+ 928694547463620 z^{66}$ $+ 10484383914557469 z^{64}$ $+ 91499884531860672 z^{62}$ $+ 626907614583058200 z^{60}$ $+ 3414235414851940896 z^{58}$ $+ 14930502724074474456 z^{56}$ $+ 52857414012564142016 z^{54}$ $+ 152497907859935739906 z^{52}$ $+ 360449591694184066536 z^{50}$ $+ 700874202247912131866 z^{48}$ $+ 1124589062723489113632 z^{46}$ $+ 1492243174120478839164 z^{44}$ $+ 1639561011818266212624 z^{42}$ $+ 1492243174120478839164 z^{40}$ $+ 1124589062723489113632 z^{38}$ $+ 700874202247912131866 z^{36}$ $+ 360449591694184066536 z^{34}$ $+ 152497907859935739906 z^{32}$	$\{[42, \sqrt{21}]\}$

		$+52857414012564142016 z^{30}$ $+14930502724074474456 z^{28}$ $+3414235414851940896 z^{26}$ $+626907614583058200 z^{24}$ $+91499884531860672 z^{22}$ $+10484383914557469 z^{20}$ $+928694547463620 z^{18} + 62373527537769 z^{16}$ $+3098805459696 z^{14} + 110351203802 z^{12}$ $+2714912088 z^{10} + 45057978 z^8 + 541296 z^6$ $+6237 z^4 + 84 z^2 + 1$	
		$z^{84} + 168 z^{81} + 4242 z^{80} + 35112 z^{79} + 348810 z^{78}$ $+ 3275160 z^{77} + 27135717 z^{76} + 207113368 z^{75}$ $+ 1457031660 z^{74} + 9435659352 z^{73}$ $+ 56214522749 z^{72} + 307998813528 z^{71}$ $+ 1554003553914 z^{70} + 7236561388392 z^{69}$ $+ 31184939033766 z^{68} + 124721691802344 z^{67}$ $+ 464267103691552 z^{66}$ $+ 1612853904098976 z^{65}$ $+ 5242081464187953 z^{64}$ $+ 15976299223205024 z^{63}$ $+ 45750585419532168 z^{62}$ $+ 123327203973963360 z^{61}$ $+ 313454882490000132 z^{60}$ $+ 752288800432086624 z^{59}$ $+ 1707114348831443664 z^{58}$ $+ 3667135284144719072 z^{57}$ $+ 7465246394999491476 z^{56}$ $+ 14415659883806842080 z^{55}$ $+ 26428719796154661160 z^{54}$ $+ 46037123417530579488 z^{53}$ $+ 76248966769269685062 z^{52}$	

$\{[84, 2, 73]\}$

$$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^4 + x^3 + x^2 + 1$$

$$\begin{aligned} &+120149856209199299616 z^{51} \\ &+180224760995848452576 z^{50} \\ &+257463950197439908272 z^{49} \\ &+350437083601925381712 z^{48} \\ &+454621135861720923312 z^{47} \\ &+562294595429673975372 z^{46} \\ &+663219249817100490192 z^{45} \\ &+746121595677362383878 z^{44} \\ &+800715793330448403408 z^{43} \\ &+819780427615276178568 z^{42} \\ &+800715793330448403408 z^{41} \\ &+746121595677362383878 z^{40} \\ &+663219249817100490192 z^{39} \\ &+562294595429673975372 z^{38} \\ &+454621135861720923312 z^{37} \\ &+350437083601925381712 z^{36} \\ &+257463950197439908272 z^{35} \\ &+180224760995848452576 z^{34} \\ &+120149856209199299616 z^{33} \\ &+76248966769269685062 z^{32} \\ &+46037123417530579488 z^{31} \\ &+26428719796154661160 z^{30} \\ &+14415659883806842080 z^{29} \\ &+7465246394999491476 z^{28} \\ &+3667135284144719072 z^{27} \\ &+1707114348831443664 z^{26} \\ &+752288800432086624 z^{25} \\ &+313454882490000132 z^{24} \\ &+123327203973963360 z^{23} \\ &+45750585419532168 z^{22} \\ &+15976299223205024 z^{21} \end{aligned}$$

 $\{[42, \sqrt{21}]\}$

		$ \begin{aligned} &+5242081464187953 z^{20} \\ &+1612853904098976 z^{19} \\ &+464267103691552 z^{18} + 124721691802344 z^{17} \\ &+31184939033766 z^{16} + 7236561388392 z^{15} \\ &+1554003553914 z^{14} + 307998813528 z^{13} \\ &+56214522749 z^{12} + 9435659352 z^{11} \\ &+1457031660 z^{10} + 207113368 z^9 + 27135717 z^8 \\ &+3275160 z^7 + 348810 z^6 + 35112 z^5 + 4242 z^4 \\ &+168 z^3 + 1 \end{aligned} $	
$\{[84, 2, 73]\}$	$x^{11} + x^{10} + x^8 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &z^{84} + 42 z^{82} + 4221 z^{80} + 483224 z^{78} + 43917594 z^{76} \\ &+ 2698239852 z^{74} + 110301057594 z^{72} \\ &+ 3099233197272 z^{70} + 62375475050889 z^{68} \\ &+ 928686336463074 z^{66} \\ &+ 10484361241269405 z^{64} \\ &+ 91500001917447648 z^{62} \\ &+ 626907629862729880 z^{60} \\ &+ 3414234696923827728 z^{58} \\ &+ 14930503586110642008 z^{56} \\ &+ 52857415569502408032 z^{54} \\ &+ 152497903713774619266 z^{52} \\ &+ 360449591806177768692 z^{50} \\ &+ 700874211105137566938 z^{48} \\ &+ 1124589054204770633808 z^{46} \\ &+ 1492243168552875749052 z^{44} \\ &+ 1639561026734524274952 z^{42} \\ &+ 1492243168552875749052 z^{40} \\ &+ 1124589054204770633808 z^{38} \\ &+ 700874211105137566938 z^{36} \\ &+ 360449591806177768692 z^{34} \\ &+ 152497903713774619266 z^{32} \\ &+ 52857415569502408032 z^{30} \end{aligned} $	$\{[42, \sqrt{21}]\}$

		$+14930503586110642008 z^{28}$ $+3414234696923827728 z^{26}$ $+626907629862729880 z^{24}$ $+91500001917447648 z^{22}$ $+10484361241269405 z^{20}$ $+928686336463074 z^{18} + 62375475050889 z^{16}$ $+3099233197272 z^{14} + 110301057594 z^{12}$ $+2698239852 z^{10} + 43917594 z^8 + 483224 z^6$ $+4221 z^4 + 42 z^2 + 1$	
$\{[84, 2, 73]\}$	$x^{11} + x^{10} + x^7 + x^3 + x^2 + 1$	$z^{84} + 42 z^{82} + 4557 z^{80} + 399672 z^{78} + 42444234 z^{76}$ $+ 2696485932 z^{74} + 110345997930 z^{72}$ $+ 3099346414968 z^{70} + 62374441216857 z^{68}$ $+ 928685596005090 z^{66}$ $+ 10484374450425309 z^{64}$ $+ 91499992548727392 z^{62}$ $+ 626907526036635480 z^{60}$ $+ 3414234989219791632 z^{58}$ $+ 14930503457139014424 z^{56}$ $+ 52857414906522887136 z^{54}$ $+ 152497904773394601666 z^{52}$ $+ 360449592266649748212 z^{50}$ $+ 700874208255066143802 z^{48}$ $+ 1124589056794626849552 z^{46}$ $+ 1492243169464394494812 z^{44}$ $+ 1639561023594253849992 z^{42}$ $+ 1492243169464394494812 z^{40}$ $+ 1124589056794626849552 z^{38}$ $+ 700874208255066143802 z^{36}$ $+ 360449592266649748212 z^{34}$ $+ 152497904773394601666 z^{32}$ $+ 52857414906522887136 z^{30}$	$\{[42, \sqrt{21}]\}$

		$+14930503457139014424 z^{28}$ $+3414234989219791632 z^{26}$ $+626907526036635480 z^{24}$ $+91499992548727392 z^{22}$ $+10484374450425309 z^{20}$ $+928685596005090 z^{18} + 62374441216857 z^{16}$ $+3099346414968 z^{14} + 110345997930 z^{12}$ $+2696485932 z^{10} + 42444234 z^8 + 399672 z^6$ $+4557 z^4 + 42 z^2 + 1$	
		$z^{84} + 168 z^{81} + 1869 z^{80} + 19992 z^{79} + 214368 z^{78}$ $+ 2226504 z^{77} + 21238602 z^{76} + 179533816 z^{75}$ $+ 1347280704 z^{74} + 9067649976 z^{73}$ $+ 55175540714 z^{72} + 305588803464 z^{71}$ $+ 1549692139104 z^{70} + 7231775112408 z^{69}$ $+ 31187096106201 z^{68} + 124748716830696 z^{67}$ $+ 464342939393536 z^{66}$ $+ 1612981295047584 z^{65}$ $+ 5242188356615133 z^{64}$ $+ 15976188621539168 z^{63}$ $+ 45749990577422208 z^{62}$ $+ 123326068051477536 z^{61}$ $+ 313453774570384728 z^{60}$ $+ 752289072001331424 z^{59}$ $+ 1707117489138899712 z^{58}$ $+ 3667141206186848096 z^{57}$ $+ 7465251697212563736 z^{56}$ $+ 14415658558200943008 z^{55}$ $+ 26428707549751002496 z^{54}$ $+ 46037103426225194976 z^{53}$ $+ 76248952235914280130 z^{52}$ $+ 120149864034554697504 z^{51}$	

$\{[84, 2, 73]\}$

$$x^{11} + x^{10} + x^7 + x^5 + x^4 + x^2 + 1$$

$$\begin{aligned} &+ 180224796291190608384 z^{50} \\ &+ 257463994779373628592 z^{49} \\ &+ 350437103985239861562 z^{48} \\ &+ 454621108202514992592 z^{47} \\ &+ 562294528564555628352 z^{46} \\ &+ 663219186583720014192 z^{45} \\ &+ 746121584494313082972 z^{44} \\ &+ 800715848038746715152 z^{43} \\ &+ 819780512075460684672 z^{42} \\ &+ 800715848038746715152 z^{41} \\ &+ 746121584494313082972 z^{40} \\ &+ 663219186583720014192 z^{39} \\ &+ 562294528564555628352 z^{38} \\ &+ 454621108202514992592 z^{37} \\ &+ 350437103985239861562 z^{36} \\ &+ 257463994779373628592 z^{35} \\ &+ 180224796291190608384 z^{34} \\ &+ 120149864034554697504 z^{33} \\ &+ 76248952235914280130 z^{32} \\ &+ 46037103426225194976 z^{31} \\ &+ 26428707549751002496 z^{30} \\ &+ 14415658558200943008 z^{29} \\ &+ 7465251697212563736 z^{28} \\ &+ 3667141206186848096 z^{27} \\ &+ 1707117489138899712 z^{26} \\ &+ 752289072001331424 z^{25} \\ &+ 313453774570384728 z^{24} \\ &+ 123326068051477536 z^{23} \\ &+ 45749990577422208 z^{22} \\ &+ 15976188621539168 z^{21} \\ &+ 5242188356615133 z^{20} \end{aligned}$$

 $\{[42, \sqrt{21}]\}$

		$+1612981295047584 z^{19}$ $+464342939393536 z^{18} + 124748716830696 z^{17}$ $+31187096106201 z^{16} + 7231775112408 z^{15}$ $+1549692139104 z^{14} + 305588803464 z^{13}$ $+55175540714 z^{12} + 9067649976 z^{11}$ $+1347280704 z^{10} + 179533816 z^9 + 21238602 z^8$ $+2226504 z^7 + 214368 z^6 + 19992 z^5 + 1869 z^4$ $+168 z^3 + 1$	
$\{[84, 2, 73]\}$	$x^{11} + x^{10} + x^7 + x^5 + x^3 + 1$	$z^{84} + 3885 z^{80} + 399840 z^{78} + 42592746 z^{76}$ $+2695076160 z^{74} + 110351248266 z^{72}$ $+3099341604576 z^{70} + 62374428566457 z^{68}$ $+928685454896640 z^{66}$ $+10484376139024221 z^{64}$ $+91499984406854016 z^{62}$ $+626907550458053592 z^{60}$ $+3414234938917958400 z^{58}$ $+14930503529515988376 z^{56}$ $+52857414834142816128 z^{54}$ $+152497904836684042818 z^{52}$ $+360449592146018468352 z^{50}$ $+700874208598456725882 z^{48}$ $+1124589056056136580672 z^{46}$ $+1492243170608502174492 z^{44}$ $+1639561022275904276352 z^{42}$ $+1492243170608502174492 z^{40}$ $+1124589056056136580672 z^{38}$ $+700874208598456725882 z^{36}$ $+360449592146018468352 z^{34}$ $+152497904836684042818 z^{32}$ $+52857414834142816128 z^{30}$ $+14930503529515988376 z^{28}$	$\{[42, \sqrt{21}]\}$

		$+3414234938917958400 z^{26}$ $+626907550458053592 z^{24}$ $+91499984406854016 z^{22}$ $+10484376139024221 z^{20}$ $+928685454896640 z^{18} + 62374428566457 z^{16}$ $+3099341604576 z^{14} + 110351248266 z^{12}$ $+2695076160 z^{10} + 42592746 z^8 + 399840 z^6$ $+3885 z^4 + 1$	
$\{[84, 2, 73]\}$	$x^{11} + x^{10} + x^6 + x^5 + x^4 + 1$	$z^{84} + 5145 z^{80} + 547400 z^{78} + 48428478 z^{76}$ $+2805127920 z^{74} + 111387059070 z^{72}$ $+3103678399752 z^{70} + 62372148156549 z^{68}$ $+928609997503104 z^{66}$ $+10484268504031245 z^{64}$ $+91500580308964512 z^{62}$ $+626908655627169832 z^{60}$ $+3414231812367996480 z^{58}$ $+14930498173730895528 z^{56}$ $+52857427227904269600 z^{54}$ $+152497919068337589810 z^{52}$ $+360449557329815071104 z^{50}$ $+700874187606103854882 z^{48}$ $+1124589123565915172592 z^{46}$ $+1492243181178935416308 z^{44}$ $+1639560938404059108768 z^{42}$ $+1492243181178935416308 z^{40}$ $+1124589123565915172592 z^{38}$ $+700874187606103854882 z^{36}$ $+360449557329815071104 z^{34}$ $+152497919068337589810 z^{32}$ $+52857427227904269600 z^{30}$ $+14930498173730895528 z^{28}$	$\{[42, \sqrt{21}]\}$

		$+3414231812367996480 z^{26}$ $+626908655627169832 z^{24}$ $+91500580308964512 z^{22}$ $+10484268504031245 z^{20}$ $+928609997503104 z^{18} + 62372148156549 z^{16}$ $+3103678399752 z^{14} + 111387059070 z^{12}$ $+2805127920 z^{10} + 48428478 z^8 + 547400 z^6$ $+5145 z^4 + 1$	
$\{[84, 2, 73]\}$	$x^{11} + x^{10} + x^3 + x^2 + x + 1$	$z^{84} + 42 z^{82} + 7581 z^{80} + 589400 z^{78} + 45048570 z^{76}$ $+ 2700962796 z^{74} + 110253756186 z^{72}$ $+ 3099143544216 z^{70} + 62376412160937 z^{68}$ $+ 928687153192162 z^{66}$ $+ 10484347826743581 z^{64}$ $+ 91500018007186656 z^{62}$ $+ 626907690414374936 z^{60}$ $+ 3414234548928515088 z^{58}$ $+ 14930503421301645528 z^{56}$ $+ 52857416589235357792 z^{54}$ $+ 152497902480103861506 z^{52}$ $+ 360449591201426475252 z^{50}$ $+ 700874214066639459994 z^{48}$ $+ 1124589052272886693584 z^{46}$ $+ 1492243165842313920252 z^{44}$ $+ 1639561032229703435272 z^{42}$ $+ 1492243165842313920252 z^{40}$ $+ 1124589052272886693584 z^{38}$ $+ 700874214066639459994 z^{36}$ $+ 360449591201426475252 z^{34}$ $+ 152497902480103861506 z^{32}$ $+ 52857416589235357792 z^{30}$ $+ 14930503421301645528 z^{28}$	$\{[42, \sqrt{21}]\}$

		$+3414234548928515088 z^{26}$ $+626907690414374936 z^{24}$ $+91500018007186656 z^{22}$ $+10484347826743581 z^{20}$ $+928687153192162 z^{18} + 62376412160937 z^{16}$ $+3099143544216 z^{14} + 110253756186 z^{12}$ $+2700962796 z^{10} + 45048570 z^8 + 589400 z^6$ $+7581 z^4 + 42 z^2 + 1$	
$\{[88, 2, 77]\}$	$x^{11} + 1$	$z^{88} + 308 z^{86} + 43890 z^{84} + 3837988 z^{82}$ $+230357831 z^{80} + 10058553736 z^{78}$ $+330552274668 z^{76} + 8347743616520 z^{74}$ $+164132619140083 z^{72}$ $+2533617845373076 z^{70}$ $+30882228443743754 z^{68}$ $+298681485056926692 z^{66}$ $+2304130988260375285 z^{64}$ $+14265069812684775392 z^{62}$ $+71363255202433529104 z^{60}$ $+290477737006064753376 z^{58}$ $+968255478463208134298 z^{56}$ $+2657987828235909169000 z^{54}$ $+6037056828780239865988 z^{52}$ $+11386634924384428694216 z^{50}$ $+17882969472150613522230 z^{48}$ $+23429265075659319498160 z^{46}$ $+25633903310157214467080 z^{44}$ $+23429265075659319498160 z^{42}$ $+17882969472150613522230 z^{40}$ $+11386634924384428694216 z^{38}$ $+6037056828780239865988 z^{36}$ $+2657987828235909169000 z^{34}$	$\{[44, \sqrt{22}]\}$

		$+968255478463208134298 z^{32}$ $+290477737006064753376 z^{30}$ $+71363255202433529104 z^{28}$ $+14265069812684775392 z^{26}$ $+2304130988260375285 z^{24}$ $+298681485056926692 z^{22}$ $+30882228443743754 z^{20}$ $+2533617845373076 z^{18}$ $+164132619140083 z^{16} + 8347743616520 z^{14}$ $+330552274668 z^{12} + 10058553736 z^{10}$ $+230357831 z^8 + 3837988 z^6 + 43890 z^4 + 308 z^2$ $+1$	
		$z^{89} + 979 z^{85} + 20559 z^{84} + 289784 z^{83} + 3375592 z^{82}$ $+ 34380522 z^{81} + 310161885 z^{80}$ $+ 2484098936 z^{79} + 17833604264 z^{78}$ $+ 115898002038 z^{77} + 686517611670 z^{76}$ $+ 3726913081320 z^{75} + 18634345249080 z^{74}$ $+ 86183454897001 z^{73} + 370082705942026 z^{72}$ $+ 1480331998442792 z^{71}$ $+ 5531764706130872 z^{70}$ $+ 19361173575486963 z^{69}$ $+ 63615288980662023 z^{68}$ $+ 196629081155323104 z^{67}$ $+ 572789057729944224 z^{66}$ $+ 1575169897305176920 z^{65}$ $+ 4095441729558226333 z^{64}$ $+ 10081087352584265952 z^{63}$ $+ 23522537185885976480 z^{62}$ $+ 52085618035609804008 z^{61}$ $+ 109559403376976734632 z^{60}$ $+ 219118806736449622816 z^{59}$	

$\{[89, 2, 78]\}$

$$x^{11} + x^7 + x^6 + x + 1$$

$$\begin{aligned}
&+417032567786297971552 z^{58} \\
&+755871529279286060674 z^{57} \\
&+1305596277712551927320 z^{56} \\
&+2150393868617996264992 z^{55} \\
&+3379190365024640297824 z^{54} \\
&+5068785548853767562822 z^{53} \\
&+7260692813332703541918 z^{52} \\
&+9935684899975046598672 z^{51} \\
&+12992818715073922105392 z^{50} \\
&+16241023397707471605660 z^{49} \\
&+19410003573207243662490 z^{48} \\
&+22182861221443592094480 z^{47} \\
&+24246383195304645658800 z^{46} \\
&+25348491528046464972900 z^{45} \\
&+25348491528046464972900 z^{44} \\
&+24246383195304645658800 z^{43} \\
&+22182861221443592094480 z^{42} \\
&+19410003573207243662490 z^{41} \\
&+16241023397707471605660 z^{40} \\
&+12992818715073922105392 z^{39} \\
&+9935684899975046598672 z^{38} \\
&+7260692813332703541918 z^{37} \\
&+5068785548853767562822 z^{36} \\
&+3379190365024640297824 z^{35} \\
&+2150393868617996264992 z^{34} \\
&+1305596277712551927320 z^{33} \\
&+755871529279286060674 z^{32} \\
&+417032567786297971552 z^{31} \\
&+219118806736449622816 z^{30} \\
&+109559403376976734632 z^{29} \\
&+52085618035609804008 z^{28}
\end{aligned}$$

$$\left\{ \left[\frac{89}{2}, \frac{\sqrt{89}}{2} \right] \right\}$$

		$+23522537185885976480 z^{27}$ $+10081087352584265952 z^{26}$ $+4095441729558226333 z^{25}$ $+1575169897305176920 z^{24}$ $+572789057729944224 z^{23}$ $+196629081155323104 z^{22}$ $+63615288980662023 z^{21}$ $+19361173575486963 z^{20}$ $+5531764706130872 z^{19}$ $+1480331998442792 z^{18}$ $+370082705942026 z^{17} + 86183454897001 z^{16}$ $+18634345249080 z^{15} + 3726913081320 z^{14}$ $+686517611670 z^{13} + 115898002038 z^{12}$ $+17833604264 z^{11} + 2484098936 z^{10}$ $+310161885 z^9 + 34380522 z^8 + 3375592 z^7$ $+289784 z^6 + 20559 z^5 + 979 z^4 + 1$	
		$z^{89} + 979 z^{85} + 20559 z^{84} + 289784 z^{83} + 3375592 z^{82}$ $+ 34380522 z^{81} + 310161885 z^{80}$ $+ 2484098936 z^{79} + 17833604264 z^{78}$ $+ 115898002038 z^{77} + 686517611670 z^{76}$ $+ 3726913081320 z^{75} + 18634345249080 z^{74}$ $+ 86183454897001 z^{73} + 370082705942026 z^{72}$ $+ 1480331998442792 z^{71}$ $+ 5531764706130872 z^{70}$ $+ 19361173575486963 z^{69}$ $+ 63615288980662023 z^{68}$ $+ 196629081155323104 z^{67}$ $+ 572789057729944224 z^{66}$ $+ 1575169897305176920 z^{65}$ $+ 4095441729558226333 z^{64}$ $+ 10081087352584265952 z^{63}$	

$\{[89, 2, 78]\}$

$$x^{11} + x^8 + x^5 + x^4 + x^2 + x + 1$$

$$\begin{aligned}
&+23522537185885976480 z^{62} \\
&+52085618035609804008 z^{61} \\
&+109559403376976734632 z^{60} \\
&+219118806736449622816 z^{59} \\
&+417032567786297971552 z^{58} \\
&+755871529279286060674 z^{57} \\
&+1305596277712551927320 z^{56} \\
&+2150393868617996264992 z^{55} \\
&+3379190365024640297824 z^{54} \\
&+5068785548853767562822 z^{53} \\
&+7260692813332703541918 z^{52} \\
&+9935684899975046598672 z^{51} \\
&+12992818715073922105392 z^{50} \\
&+16241023397707471605660 z^{49} \\
&+19410003573207243662490 z^{48} \\
&+22182861221443592094480 z^{47} \\
&+24246383195304645658800 z^{46} \\
&+25348491528046464972900 z^{45} \\
&+25348491528046464972900 z^{44} \\
&+24246383195304645658800 z^{43} \\
&+22182861221443592094480 z^{42} \\
&+19410003573207243662490 z^{41} \\
&+16241023397707471605660 z^{40} \\
&+12992818715073922105392 z^{39} \\
&+9935684899975046598672 z^{38} \\
&+7260692813332703541918 z^{37} \\
&+5068785548853767562822 z^{36} \\
&+3379190365024640297824 z^{35} \\
&+2150393868617996264992 z^{34} \\
&+1305596277712551927320 z^{33} \\
&+755871529279286060674 z^{32}
\end{aligned}$$

$$\left\{ \left[\frac{89}{2}, \frac{\sqrt{89}}{2} \right] \right\}$$

		$+417032567786297971552 z^{31}$ $+219118806736449622816 z^{30}$ $+109559403376976734632 z^{29}$ $+52085618035609804008 z^{28}$ $+23522537185885976480 z^{27}$ $+10081087352584265952 z^{26}$ $+4095441729558226333 z^{25}$ $+1575169897305176920 z^{24}$ $+572789057729944224 z^{23}$ $+196629081155323104 z^{22}$ $+63615288980662023 z^{21}$ $+19361173575486963 z^{20}$ $+5531764706130872 z^{19}$ $+1480331998442792 z^{18}$ $+370082705942026 z^{17} + 86183454897001 z^{16}$ $+18634345249080 z^{15} + 3726913081320 z^{14}$ $+686517611670 z^{13} + 115898002038 z^{12}$ $+17833604264 z^{11} + 2484098936 z^{10}$ $+310161885 z^9 + 34380522 z^8 + 3375592 z^7$ $+289784 z^6 + 20559 z^5 + 979 z^4 + 1$	
		$z^{89} + 979 z^{85} + 20559 z^{84} + 289784 z^{83} + 3375592 z^{82}$ $+ 34380522 z^{81} + 310161885 z^{80}$ $+ 2484098936 z^{79} + 17833604264 z^{78}$ $+ 115898002038 z^{77} + 686517611670 z^{76}$ $+ 3726913081320 z^{75} + 18634345249080 z^{74}$ $+ 86183454897001 z^{73} + 370082705942026 z^{72}$ $+ 1480331998442792 z^{71}$ $+ 5531764706130872 z^{70}$ $+ 19361173575486963 z^{69}$ $+ 63615288980662023 z^{68}$ $+ 196629081155323104 z^{67}$	

$$\{[89, 2, 78]\}$$

$$x^{11} + x^8 + x^7 + x^6 + x^5 + x^3 + x^2 + x + 1$$

$$\begin{aligned}
&+572789057729944224 z^{66} \\
&+1575169897305176920 z^{65} \\
&+4095441729558226333 z^{64} \\
&+10081087352584265952 z^{63} \\
&+23522537185885976480 z^{62} \\
&+52085618035609804008 z^{61} \\
&+109559403376976734632 z^{60} \\
&+219118806736449622816 z^{59} \\
&+417032567786297971552 z^{58} \\
&+755871529279286060674 z^{57} \\
&+1305596277712551927320 z^{56} \\
&+2150393868617996264992 z^{55} \\
&+3379190365024640297824 z^{54} \\
&+5068785548853767562822 z^{53} \\
&+7260692813332703541918 z^{52} \\
&+9935684899975046598672 z^{51} \\
&+12992818715073922105392 z^{50} \\
&+16241023397707471605660 z^{49} \\
&+19410003573207243662490 z^{48} \\
&+22182861221443592094480 z^{47} \\
&+24246383195304645658800 z^{46} \\
&+25348491528046464972900 z^{45} \\
&+25348491528046464972900 z^{44} \\
&+24246383195304645658800 z^{43} \\
&+22182861221443592094480 z^{42} \\
&+19410003573207243662490 z^{41} \\
&+16241023397707471605660 z^{40} \\
&+12992818715073922105392 z^{39} \\
&+9935684899975046598672 z^{38} \\
&+7260692813332703541918 z^{37} \\
&+5068785548853767562822 z^{36}
\end{aligned}$$

$$\left\{ \left[\frac{89}{2}, \frac{\sqrt{89}}{2} \right] \right\}$$

		$+3379190365024640297824 z^{35}$ $+2150393868617996264992 z^{34}$ $+1305596277712551927320 z^{33}$ $+755871529279286060674 z^{32}$ $+417032567786297971552 z^{31}$ $+219118806736449622816 z^{30}$ $+109559403376976734632 z^{29}$ $+52085618035609804008 z^{28}$ $+23522537185885976480 z^{27}$ $+10081087352584265952 z^{26}$ $+4095441729558226333 z^{25}$ $+1575169897305176920 z^{24}$ $+572789057729944224 z^{23}$ $+196629081155323104 z^{22}$ $+63615288980662023 z^{21}$ $+19361173575486963 z^{20}$ $+5531764706130872 z^{19}$ $+1480331998442792 z^{18}$ $+370082705942026 z^{17} + 86183454897001 z^{16}$ $+18634345249080 z^{15} + 3726913081320 z^{14}$ $+686517611670 z^{13} + 115898002038 z^{12}$ $+17833604264 z^{11} + 2484098936 z^{10}$ $+310161885 z^9 + 34380522 z^8 + 3375592 z^7$ $+289784 z^6 + 20559 z^5 + 979 z^4 + 1$	
		$z^{89} + 979 z^{85} + 20559 z^{84} + 289784 z^{83} + 3375592 z^{82}$ $+ 34380522 z^{81} + 310161885 z^{80}$ $+ 2484098936 z^{79} + 17833604264 z^{78}$ $+ 115898002038 z^{77} + 686517611670 z^{76}$ $+ 3726913081320 z^{75} + 18634345249080 z^{74}$ $+ 86183454897001 z^{73} + 370082705942026 z^{72}$ $+ 1480331998442792 z^{71}$	

$\{[89, 2, 78]\}$

$$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x + 1$$

$$\begin{aligned}
&+5531764706130872 z^{70} \\
&+19361173575486963 z^{69} \\
&+63615288980662023 z^{68} \\
&+196629081155323104 z^{67} \\
&+572789057729944224 z^{66} \\
&+1575169897305176920 z^{65} \\
&+4095441729558226333 z^{64} \\
&+10081087352584265952 z^{63} \\
&+23522537185885976480 z^{62} \\
&+52085618035609804008 z^{61} \\
&+109559403376976734632 z^{60} \\
&+219118806736449622816 z^{59} \\
&+417032567786297971552 z^{58} \\
&+755871529279286060674 z^{57} \\
&+1305596277712551927320 z^{56} \\
&+2150393868617996264992 z^{55} \\
&+3379190365024640297824 z^{54} \\
&+5068785548853767562822 z^{53} \\
&+7260692813332703541918 z^{52} \\
&+9935684899975046598672 z^{51} \\
&+12992818715073922105392 z^{50} \\
&+16241023397707471605660 z^{49} \\
&+19410003573207243662490 z^{48} \\
&+22182861221443592094480 z^{47} \\
&+24246383195304645658800 z^{46} \\
&+25348491528046464972900 z^{45} \\
&+25348491528046464972900 z^{44} \\
&+24246383195304645658800 z^{43} \\
&+22182861221443592094480 z^{42} \\
&+19410003573207243662490 z^{41} \\
&+16241023397707471605660 z^{40}
\end{aligned}$$

$$\left\{ \left[\frac{89}{2}, \frac{\sqrt{89}}{2} \right] \right\}$$

		$+12992818715073922105392 z^{39}$ $+9935684899975046598672 z^{38}$ $+7260692813332703541918 z^{37}$ $+5068785548853767562822 z^{36}$ $+3379190365024640297824 z^{35}$ $+2150393868617996264992 z^{34}$ $+1305596277712551927320 z^{33}$ $+755871529279286060674 z^{32}$ $+417032567786297971552 z^{31}$ $+219118806736449622816 z^{30}$ $+109559403376976734632 z^{29}$ $+52085618035609804008 z^{28}$ $+23522537185885976480 z^{27}$ $+10081087352584265952 z^{26}$ $+4095441729558226333 z^{25}$ $+1575169897305176920 z^{24}$ $+572789057729944224 z^{23}$ $+196629081155323104 z^{22}$ $+63615288980662023 z^{21}$ $+19361173575486963 z^{20}$ $+5531764706130872 z^{19}$ $+1480331998442792 z^{18}$ $+370082705942026 z^{17} + 86183454897001 z^{16}$ $+18634345249080 z^{15} + 3726913081320 z^{14}$ $+686517611670 z^{13} + 115898002038 z^{12}$ $+17833604264 z^{11} + 2484098936 z^{10}$ $+310161885 z^9 + 34380522 z^8 + 3375592 z^7$ $+289784 z^6 + 20559 z^5 + 979 z^4 + 1$	
		$z^{89} + 979 z^{85} + 20559 z^{84} + 289784 z^{83} + 3375592 z^{82}$ $+ 34380522 z^{81} + 310161885 z^{80}$ $+ 2484098936 z^{79} + 17833604264 z^{78}$	

$\{[89, 2, 78]\}$

$$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^5 + x^4 + x^3 + 1$$

$$\begin{aligned}
&+115898002038 z^{77} + 686517611670 z^{76} \\
&+3726913081320 z^{75} + 18634345249080 z^{74} \\
&+86183454897001 z^{73} + 370082705942026 z^{72} \\
&+1480331998442792 z^{71} \\
&+5531764706130872 z^{70} \\
&+19361173575486963 z^{69} \\
&+63615288980662023 z^{68} \\
&+196629081155323104 z^{67} \\
&+572789057729944224 z^{66} \\
&+1575169897305176920 z^{65} \\
&+4095441729558226333 z^{64} \\
&+10081087352584265952 z^{63} \\
&+23522537185885976480 z^{62} \\
&+52085618035609804008 z^{61} \\
&+109559403376976734632 z^{60} \\
&+219118806736449622816 z^{59} \\
&+417032567786297971552 z^{58} \\
&+755871529279286060674 z^{57} \\
&+1305596277712551927320 z^{56} \\
&+2150393868617996264992 z^{55} \\
&+3379190365024640297824 z^{54} \\
&+5068785548853767562822 z^{53} \\
&+7260692813332703541918 z^{52} \\
&+9935684899975046598672 z^{51} \\
&+12992818715073922105392 z^{50} \\
&+16241023397707471605660 z^{49} \\
&+19410003573207243662490 z^{48} \\
&+22182861221443592094480 z^{47} \\
&+24246383195304645658800 z^{46} \\
&+25348491528046464972900 z^{45} \\
&+25348491528046464972900 z^{44}
\end{aligned}$$

$$\left\{ \left[\frac{89}{2}, \frac{\sqrt{89}}{2} \right] \right\}$$

$$\begin{aligned}
&+24246383195304645658800 z^{43} \\
&+22182861221443592094480 z^{42} \\
&+19410003573207243662490 z^{41} \\
&+16241023397707471605660 z^{40} \\
&+12992818715073922105392 z^{39} \\
&+9935684899975046598672 z^{38} \\
&+7260692813332703541918 z^{37} \\
&+5068785548853767562822 z^{36} \\
&+3379190365024640297824 z^{35} \\
&+2150393868617996264992 z^{34} \\
&+1305596277712551927320 z^{33} \\
&+755871529279286060674 z^{32} \\
&+417032567786297971552 z^{31} \\
&+219118806736449622816 z^{30} \\
&+109559403376976734632 z^{29} \\
&+52085618035609804008 z^{28} \\
&+23522537185885976480 z^{27} \\
&+10081087352584265952 z^{26} \\
&+4095441729558226333 z^{25} \\
&+1575169897305176920 z^{24} \\
&+572789057729944224 z^{23} \\
&+196629081155323104 z^{22} \\
&+63615288980662023 z^{21} \\
&+19361173575486963 z^{20} \\
&+5531764706130872 z^{19} \\
&+1480331998442792 z^{18} \\
&+370082705942026 z^{17} + 86183454897001 z^{16} \\
&+18634345249080 z^{15} + 3726913081320 z^{14} \\
&+686517611670 z^{13} + 115898002038 z^{12} \\
&+17833604264 z^{11} + 2484098936 z^{10} \\
&+310161885 z^9 + 34380522 z^8 + 3375592 z^7
\end{aligned}$$

		$+289784 z^6 + 20559 z^5 + 979 z^4 + 1$	
		$z^{89} + 979 z^{85} + 20559 z^{84} + 289784 z^{83} + 3375592 z^{82}$ $+ 34380522 z^{81} + 310161885 z^{80}$ $+ 2484098936 z^{79} + 17833604264 z^{78}$ $+ 115898002038 z^{77} + 686517611670 z^{76}$ $+ 3726913081320 z^{75} + 18634345249080 z^{74}$ $+ 86183454897001 z^{73} + 370082705942026 z^{72}$ $+ 1480331998442792 z^{71}$ $+ 5531764706130872 z^{70}$ $+ 19361173575486963 z^{69}$ $+ 63615288980662023 z^{68}$ $+ 196629081155323104 z^{67}$ $+ 572789057729944224 z^{66}$ $+ 1575169897305176920 z^{65}$ $+ 4095441729558226333 z^{64}$ $+ 10081087352584265952 z^{63}$ $+ 23522537185885976480 z^{62}$ $+ 52085618035609804008 z^{61}$ $+ 109559403376976734632 z^{60}$ $+ 219118806736449622816 z^{59}$ $+ 417032567786297971552 z^{58}$ $+ 755871529279286060674 z^{57}$ $+ 1305596277712551927320 z^{56}$ $+ 2150393868617996264992 z^{55}$ $+ 3379190365024640297824 z^{54}$ $+ 5068785548853767562822 z^{53}$ $+ 7260692813332703541918 z^{52}$ $+ 9935684899975046598672 z^{51}$ $+ 12992818715073922105392 z^{50}$ $+ 16241023397707471605660 z^{49}$ $+ 19410003573207243662490 z^{48}$	

$$\{[89, 2, 78]\}$$

$$x^{11} + x^{10} + x^9 + x^7 + x^6 + x^3 + 1$$

$$\begin{aligned}
&+22182861221443592094480 z^{47} \\
&+24246383195304645658800 z^{46} \\
&+25348491528046464972900 z^{45} \\
&+25348491528046464972900 z^{44} \\
&+24246383195304645658800 z^{43} \\
&+22182861221443592094480 z^{42} \\
&+19410003573207243662490 z^{41} \\
&+16241023397707471605660 z^{40} \\
&+12992818715073922105392 z^{39} \\
&+9935684899975046598672 z^{38} \\
&+7260692813332703541918 z^{37} \\
&+5068785548853767562822 z^{36} \\
&+3379190365024640297824 z^{35} \\
&+2150393868617996264992 z^{34} \\
&+1305596277712551927320 z^{33} \\
&+755871529279286060674 z^{32} \\
&+417032567786297971552 z^{31} \\
&+219118806736449622816 z^{30} \\
&+109559403376976734632 z^{29} \\
&+52085618035609804008 z^{28} \\
&+23522537185885976480 z^{27} \\
&+10081087352584265952 z^{26} \\
&+4095441729558226333 z^{25} \\
&+1575169897305176920 z^{24} \\
&+572789057729944224 z^{23} \\
&+196629081155323104 z^{22} \\
&+63615288980662023 z^{21} \\
&+19361173575486963 z^{20} \\
&+5531764706130872 z^{19} \\
&+1480331998442792 z^{18} \\
&+370082705942026 z^{17} + 86183454897001 z^{16}
\end{aligned}$$

$$\left\{ \left[\frac{89}{2}, \frac{\sqrt{89}}{2} \right] \right\}$$

		$+18634345249080 z^{15} + 3726913081320 z^{14}$ $+686517611670 z^{13} + 115898002038 z^{12}$ $+17833604264 z^{11} + 2484098936 z^{10}$ $+310161885 z^9 + 34380522 z^8 + 3375592 z^7$ $+289784 z^6 + 20559 z^5 + 979 z^4 + 1$	
		$z^{89} + 979 z^{85} + 20559 z^{84} + 289784 z^{83} + 3375592 z^{82}$ $+ 34380522 z^{81} + 310161885 z^{80}$ $+ 2484098936 z^{79} + 17833604264 z^{78}$ $+ 115898002038 z^{77} + 686517611670 z^{76}$ $+ 3726913081320 z^{75} + 18634345249080 z^{74}$ $+ 86183454897001 z^{73} + 370082705942026 z^{72}$ $+ 1480331998442792 z^{71}$ $+ 5531764706130872 z^{70}$ $+ 19361173575486963 z^{69}$ $+ 63615288980662023 z^{68}$ $+ 196629081155323104 z^{67}$ $+ 572789057729944224 z^{66}$ $+ 1575169897305176920 z^{65}$ $+ 4095441729558226333 z^{64}$ $+ 10081087352584265952 z^{63}$ $+ 23522537185885976480 z^{62}$ $+ 52085618035609804008 z^{61}$ $+ 109559403376976734632 z^{60}$ $+ 219118806736449622816 z^{59}$ $+ 417032567786297971552 z^{58}$ $+ 755871529279286060674 z^{57}$ $+ 1305596277712551927320 z^{56}$ $+ 2150393868617996264992 z^{55}$ $+ 3379190365024640297824 z^{54}$ $+ 5068785548853767562822 z^{53}$ $+ 7260692813332703541918 z^{52}$	

$$\{[89, 2, 78]\}$$

$$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned}
&+9935684899975046598672 z^{51} \\
&+12992818715073922105392 z^{50} \\
&+16241023397707471605660 z^{49} \\
&+19410003573207243662490 z^{48} \\
&+22182861221443592094480 z^{47} \\
&+24246383195304645658800 z^{46} \\
&+25348491528046464972900 z^{45} \\
&+25348491528046464972900 z^{44} \\
&+24246383195304645658800 z^{43} \\
&+22182861221443592094480 z^{42} \\
&+19410003573207243662490 z^{41} \\
&+16241023397707471605660 z^{40} \\
&+12992818715073922105392 z^{39} \\
&+9935684899975046598672 z^{38} \\
&+7260692813332703541918 z^{37} \\
&+5068785548853767562822 z^{36} \\
&+3379190365024640297824 z^{35} \\
&+2150393868617996264992 z^{34} \\
&+1305596277712551927320 z^{33} \\
&+755871529279286060674 z^{32} \\
&+417032567786297971552 z^{31} \\
&+219118806736449622816 z^{30} \\
&+109559403376976734632 z^{29} \\
&+52085618035609804008 z^{28} \\
&+23522537185885976480 z^{27} \\
&+10081087352584265952 z^{26} \\
&+4095441729558226333 z^{25} \\
&+1575169897305176920 z^{24} \\
&+572789057729944224 z^{23} \\
&+196629081155323104 z^{22} \\
&+63615288980662023 z^{21}
\end{aligned}$$

$$\left\{ \left[\frac{89}{2}, \frac{\sqrt{89}}{2} \right] \right\}$$

		$+19361173575486963 z^{20}$ $+5531764706130872 z^{19}$ $+1480331998442792 z^{18}$ $+370082705942026 z^{17} + 86183454897001 z^{16}$ $+18634345249080 z^{15} + 3726913081320 z^{14}$ $+686517611670 z^{13} + 115898002038 z^{12}$ $+17833604264 z^{11} + 2484098936 z^{10}$ $+310161885 z^9 + 34380522 z^8 + 3375592 z^7$ $+289784 z^6 + 20559 z^5 + 979 z^4 + 1$	
		$z^{89} + 979 z^{85} + 20559 z^{84} + 289784 z^{83} + 3375592 z^{82}$ $+ 34380522 z^{81} + 310161885 z^{80}$ $+ 2484098936 z^{79} + 17833604264 z^{78}$ $+ 115898002038 z^{77} + 686517611670 z^{76}$ $+ 3726913081320 z^{75} + 18634345249080 z^{74}$ $+ 86183454897001 z^{73} + 370082705942026 z^{72}$ $+ 1480331998442792 z^{71}$ $+ 5531764706130872 z^{70}$ $+ 19361173575486963 z^{69}$ $+ 63615288980662023 z^{68}$ $+ 196629081155323104 z^{67}$ $+ 572789057729944224 z^{66}$ $+ 1575169897305176920 z^{65}$ $+ 4095441729558226333 z^{64}$ $+ 10081087352584265952 z^{63}$ $+ 23522537185885976480 z^{62}$ $+ 52085618035609804008 z^{61}$ $+ 109559403376976734632 z^{60}$ $+ 219118806736449622816 z^{59}$ $+ 417032567786297971552 z^{58}$ $+ 755871529279286060674 z^{57}$ $+ 1305596277712551927320 z^{56}$	

$$\{[89, 2, 78]\}$$

$$x^{11} + x^{10} + x^5 + x^4 + 1$$

$$\begin{aligned}
&+2150393868617996264992 z^{55} \\
&+3379190365024640297824 z^{54} \\
&+5068785548853767562822 z^{53} \\
&+7260692813332703541918 z^{52} \\
&+9935684899975046598672 z^{51} \\
&+12992818715073922105392 z^{50} \\
&+16241023397707471605660 z^{49} \\
&+19410003573207243662490 z^{48} \\
&+22182861221443592094480 z^{47} \\
&+24246383195304645658800 z^{46} \\
&+25348491528046464972900 z^{45} \\
&+25348491528046464972900 z^{44} \\
&+24246383195304645658800 z^{43} \\
&+22182861221443592094480 z^{42} \\
&+19410003573207243662490 z^{41} \\
&+16241023397707471605660 z^{40} \\
&+12992818715073922105392 z^{39} \\
&+9935684899975046598672 z^{38} \\
&+7260692813332703541918 z^{37} \\
&+5068785548853767562822 z^{36} \\
&+3379190365024640297824 z^{35} \\
&+2150393868617996264992 z^{34} \\
&+1305596277712551927320 z^{33} \\
&+755871529279286060674 z^{32} \\
&+417032567786297971552 z^{31} \\
&+219118806736449622816 z^{30} \\
&+109559403376976734632 z^{29} \\
&+52085618035609804008 z^{28} \\
&+23522537185885976480 z^{27} \\
&+10081087352584265952 z^{26} \\
&+4095441729558226333 z^{25}
\end{aligned}$$

$$\left\{ \left[\frac{89}{2}, \frac{\sqrt{89}}{2} \right] \right\}$$

		$+1575169897305176920 z^{24}$ $+572789057729944224 z^{23}$ $+196629081155323104 z^{22}$ $+63615288980662023 z^{21}$ $+19361173575486963 z^{20}$ $+5531764706130872 z^{19}$ $+1480331998442792 z^{18}$ $+370082705942026 z^{17} + 86183454897001 z^{16}$ $+18634345249080 z^{15} + 3726913081320 z^{14}$ $+686517611670 z^{13} + 115898002038 z^{12}$ $+17833604264 z^{11} + 2484098936 z^{10}$ $+310161885 z^9 + 34380522 z^8 + 3375592 z^7$ $+289784 z^6 + 20559 z^5 + 979 z^4 + 1$	
$\{[90, 2, 79]\}$	$x^{11} + x^8 + x^5 + x^3 + x^2 + 1$	$z^{90} + 90 z^{88} + 6345 z^{86} + 685125 z^{84} + 76186980 z^{82}$ $+5583614265 z^{80} + 267447550170 z^{78}$ $+8826897993210 z^{76} + 209636629539525 z^{74}$ $+3700824403992060 z^{72}$ $+49785876195535665 z^{70}$ $+520488804383291205 z^{68}$ $+4295917712508690090 z^{66}$ $+28353058303624574445 z^{64}$ $+151216311012478479000 z^{62}$ $+657356418701334974808 z^{60}$ $+2345808194733276188370 z^{58}$ $+6911980296335216416620 z^{56}$ $+16895951820114915355410 z^{54}$ $+34392755430726015482730 z^{52}$ $+58467684232793732785200 z^{50}$ $+83185729574560304980290 z^{48}$ $+99189749454422267354940 z^{46}$ $+99189749454422267354940 z^{44}$	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+83185729574560304980290 z^{42}$ $+58467684232793732785200 z^{40}$ $+34392755430726015482730 z^{38}$ $+16895951820114915355410 z^{36}$ $+6911980296335216416620 z^{34}$ $+2345808194733276188370 z^{32}$ $+657356418701334974808 z^{30}$ $+151216311012478479000 z^{28}$ $+28353058303624574445 z^{26}$ $+4295917712508690090 z^{24}$ $+520488804383291205 z^{22}$ $+49785876195535665 z^{20}$ $+3700824403992060 z^{18}$ $+209636629539525 z^{16} + 8826897993210 z^{14}$ $+267447550170 z^{12} + 5583614265 z^{10}$ $+76186980 z^8 + 685125 z^6 + 6345 z^4 + 90 z^2 + 1$	
		$z^{90} + 45 z^{88} + 6750 z^{86} + 804270 z^{84} + 80941635 z^{82}$ $+ 5650903359 z^{80} + 267738527460 z^{78}$ $+ 8825871841380 z^{76} + 209628241700715 z^{74}$ $+ 3700834270561535 z^{72}$ $+ 49785977457114966 z^{70}$ $+ 520488684976453830 z^{68}$ $+ 4295917111196021745 z^{66}$ $+ 28353059057799377685 z^{64}$ $+ 151216313627088275760 z^{62}$ $+ 657356414726083834416 z^{60}$ $+ 2345808187247829544890 z^{58}$ $+ 6911980311830194252530 z^{56}$ $+ 16895951832266470412380 z^{54}$ $+ 34392755387271866053500 z^{52}$ $+ 58467684237112200507822 z^{50}$	

{[90, 2, 79]}	$x^{11} + x^8 + x^6 + x^5 + x^3 + 1$	$ \begin{aligned} &+83185729641937117305990 z^{48} \\ &+99189749407245159233880 z^{46} \\ &+99189749407245159233880 z^{44} \\ &+83185729641937117305990 z^{42} \\ &+58467684237112200507822 z^{40} \\ &+34392755387271866053500 z^{38} \\ &+16895951832266470412380 z^{36} \\ &+6911980311830194252530 z^{34} \\ &+2345808187247829544890 z^{32} \\ &+657356414726083834416 z^{30} \\ &+151216313627088275760 z^{28} \\ &+28353059057799377685 z^{26} \\ &+4295917111196021745 z^{24} \\ &+520488684976453830 z^{22} \\ &+49785977457114966 z^{20} \\ &+3700834270561535 z^{18} \\ &+209628241700715 z^{16} + 8825871841380 z^{14} \\ &+267738527460 z^{12} + 5650903359 z^{10} \\ &+80941635 z^8 + 804270 z^6 + 6750 z^4 + 45 z^2 + 1 \end{aligned} $	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$
		$ \begin{aligned} &z^{90} + 225 z^{88} + 23850 z^{86} + 1582890 z^{84} + 98931015 z^{82} \\ &+ 5878974375 z^{80} + 269119103100 z^{78} \\ &+ 8825919021180 z^{76} + 209590228563795 z^{74} \\ &+ 3700767018100595 z^{72} \\ &+ 49786535625432930 z^{70} \\ &+ 520489458380737890 z^{68} \\ &+ 4295911518782288085 z^{66} \\ &+ 28353057559431487605 z^{64} \\ &+ 151216346656903185360 z^{62} \\ &+ 657356393158283314128 z^{60} \\ &+ 2345808083591459690010 z^{58} \\ &+ 6911980463300484839130 z^{56} \end{aligned} $	

{[90, 2, 79]}	$x^{11} + x^8 + x^7 + x^5 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+16895951972686239958900 z^{54} \\ &+34392754965471044356980 z^{52} \\ &+58467684282253592616630 z^{50} \\ &+83185730242981971364470 z^{48} \\ &+99189748989026830103400 z^{46} \\ &+99189748989026830103400 z^{44} \\ &+83185730242981971364470 z^{42} \\ &+58467684282253592616630 z^{40} \\ &+34392754965471044356980 z^{38} \\ &+16895951972686239958900 z^{36} \\ &+6911980463300484839130 z^{34} \\ &+2345808083591459690010 z^{32} \\ &+657356393158283314128 z^{30} \\ &+151216346656903185360 z^{28} \\ &+28353057559431487605 z^{26} \\ &+4295911518782288085 z^{24} \\ &+520489458380737890 z^{22} \\ &+49786535625432930 z^{20} \\ &+3700767018100595 z^{18} \\ &+209590228563795 z^{16} + 8825919021180 z^{14} \\ &+269119103100 z^{12} + 5878974375 z^{10} \\ &+98931015 z^8 + 1582890 z^6 + 23850 z^4 + 225 z^2 \\ &+1 \end{aligned} $	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$
		$ \begin{aligned} &z^{90} + 45 z^{88} + 4590 z^{86} + 703230 z^{84} + 78015555 z^{82} \\ &+ 5606810559 z^{80} + 267486292740 z^{78} \\ &+ 8826097571460 z^{76} + 209634972565995 z^{74} \\ &+ 3700840695821055 z^{72} \\ &+ 49785887641369446 z^{70} \\ &+ 520488589815523350 z^{68} \\ &+ 4295918002032168945 z^{66} \\ &+ 28353059056196415765 z^{64} \end{aligned} $	

$\{[90, 2, 79]\}$	$x^{11} + x^9 + x^8 + x^7 + x^5 + x^4 + x + 1$	$ \begin{aligned} &+151216308945101738160 z^{62} \\ &+657356417722620294576 z^{60} \\ &+2345808203146962787770 z^{58} \\ &+6911980289812580105970 z^{56} \\ &+16895951807234977753980 z^{54} \\ &+34392755455139917832220 z^{52} \\ &+58467684233485437335982 z^{50} \\ &+83185729540040369103750 z^{48} \\ &+99189749477018703461400 z^{46} \\ &+99189749477018703461400 z^{44} \\ &+83185729540040369103750 z^{42} \\ &+58467684233485437335982 z^{40} \\ &+34392755455139917832220 z^{38} \\ &+16895951807234977753980 z^{36} \\ &+6911980289812580105970 z^{34} \\ &+2345808203146962787770 z^{32} \\ &+657356417722620294576 z^{30} \\ &+151216308945101738160 z^{28} \\ &+28353059056196415765 z^{26} \\ &+4295918002032168945 z^{24} \\ &+520488589815523350 z^{22} \\ &+49785887641369446 z^{20} \\ &+3700840695821055 z^{18} \\ &+209634972565995 z^{16} + 8826097571460 z^{14} \\ &+267486292740 z^{12} + 5606810559 z^{10} \\ &+78015555 z^8 + 703230 z^6 + 4590 z^4 + 45 z^2 + 1 \end{aligned} $	$ \left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\} $
		$ \begin{aligned} &z^{90} + 90 z^{88} + 14850 z^{86} + 1502010 z^{84} + 103124340 z^{82} \\ &+ 5977105425 z^{80} + 269736117660 z^{78} \\ &+ 8825021997660 z^{76} + 209574274984605 z^{74} \\ &+ 3700769818504140 z^{72} \\ &+ 49786713280962450 z^{70} \end{aligned} $	

$\{[90, 2, 79]\}$	$x^{11} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} &+520489456764291450 z^{68} \\ &+4295910315831115050 z^{66} \\ &+28353057318535137165 z^{64} \\ &+151216353687588022800 z^{62} \\ &+657356392757446593168 z^{60} \\ &+2345808049721702201970 z^{58} \\ &+6911980494301082483820 z^{56} \\ &+16895952049069406634180 z^{54} \\ &+34392754817275018582260 z^{52} \\ &+58467684260748832589520 z^{50} \\ &+83185730501895964521810 z^{48} \\ &+99189748820950907190120 z^{46} \\ &+99189748820950907190120 z^{44} \\ &+83185730501895964521810 z^{42} \\ &+58467684260748832589520 z^{40} \\ &+34392754817275018582260 z^{38} \\ &+16895952049069406634180 z^{36} \\ &+6911980494301082483820 z^{34} \\ &+2345808049721702201970 z^{32} \\ &+657356392757446593168 z^{30} \\ &+151216353687588022800 z^{28} \\ &+28353057318535137165 z^{26} \\ &+4295910315831115050 z^{24} \\ &+520489456764291450 z^{22} \\ &+49786713280962450 z^{20} \\ &+3700769818504140 z^{18} \\ &+209574274984605 z^{16} + 8825021997660 z^{14} \\ &+269736117660 z^{12} + 5977105425 z^{10} \\ &+103124340 z^8 + 1502010 z^6 + 14850 z^4 + 90 z^2 \\ &+1 \end{aligned} $	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$
		$z^{90} + 90 z^{88} + 6345 z^{86} + 685125 z^{84} + 76186980 z^{82}$	

$\{[90, 2, 79]\}$

$$x^{11} + x^9 + x^8 + x^6 + x^3 + 1$$

$$\begin{aligned}
&+5583614265 z^{80} + 267447550170 z^{78} \\
&+8826897993210 z^{76} + 209636629539525 z^{74} \\
&+3700824403992060 z^{72} \\
&+49785876195535665 z^{70} \\
&+520488804383291205 z^{68} \\
&+4295917712508690090 z^{66} \\
&+28353058303624574445 z^{64} \\
&+151216311012478479000 z^{62} \\
&+657356418701334974808 z^{60} \\
&+2345808194733276188370 z^{58} \\
&+6911980296335216416620 z^{56} \\
&+16895951820114915355410 z^{54} \\
&+34392755430726015482730 z^{52} \\
&+58467684232793732785200 z^{50} \\
&+83185729574560304980290 z^{48} \\
&+99189749454422267354940 z^{46} \\
&+99189749454422267354940 z^{44} \\
&+83185729574560304980290 z^{42} \\
&+58467684232793732785200 z^{40} \\
&+34392755430726015482730 z^{38} \\
&+16895951820114915355410 z^{36} \\
&+6911980296335216416620 z^{34} \\
&+2345808194733276188370 z^{32} \\
&+657356418701334974808 z^{30} \\
&+151216311012478479000 z^{28} \\
&+28353058303624574445 z^{26} \\
&+4295917712508690090 z^{24} \\
&+520488804383291205 z^{22} \\
&+49785876195535665 z^{20} \\
&+3700824403992060 z^{18} \\
&+209636629539525 z^{16} + 8826897993210 z^{14}
\end{aligned}$$

$$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$$

		$+267447550170 z^{12} + 5583614265 z^{10}$ $+76186980 z^8 + 685125 z^6 + 6345 z^4 + 90 z^2 + 1$	
$\{[90, 2, 79]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^4 + x^3 + 1$	$z^{90} + 225 z^{88} + 23850 z^{86} + 1582890 z^{84} + 98931015 z^{82}$ $+ 5878974375 z^{80} + 269119103100 z^{78}$ $+ 8825919021180 z^{76} + 209590228563795 z^{74}$ $+ 3700767018100595 z^{72}$ $+ 49786535625432930 z^{70}$ $+ 520489458380737890 z^{68}$ $+ 4295911518782288085 z^{66}$ $+ 28353057559431487605 z^{64}$ $+ 151216346656903185360 z^{62}$ $+ 657356393158283314128 z^{60}$ $+ 2345808083591459690010 z^{58}$ $+ 6911980463300484839130 z^{56}$ $+ 16895951972686239958900 z^{54}$ $+ 34392754965471044356980 z^{52}$ $+ 58467684282253592616630 z^{50}$ $+ 83185730242981971364470 z^{48}$ $+ 99189748989026830103400 z^{46}$ $+ 99189748989026830103400 z^{44}$ $+ 83185730242981971364470 z^{42}$ $+ 58467684282253592616630 z^{40}$ $+ 34392754965471044356980 z^{38}$ $+ 16895951972686239958900 z^{36}$ $+ 6911980463300484839130 z^{34}$ $+ 2345808083591459690010 z^{32}$ $+ 657356393158283314128 z^{30}$ $+ 151216346656903185360 z^{28}$ $+ 28353057559431487605 z^{26}$ $+ 4295911518782288085 z^{24}$ $+ 520489458380737890 z^{22}$	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+49786535625432930 z^{20}$ $+3700767018100595 z^{18}$ $+209590228563795 z^{16} + 8825919021180 z^{14}$ $+269119103100 z^{12} + 5878974375 z^{10}$ $+98931015 z^8 + 1582890 z^6 + 23850 z^4 + 225 z^2$ $+1$	
$\{[90, 2, 79]\}$	$x^{11} + x^{10} + x^9 + x^2 + x + 1$	$z^{90} + 180 z^{88} + 21015 z^{86} + 2085675 z^{84}$ $+ 156082950 z^{82} + 8379802125 z^{80}$ $+ 329744467350 z^{78} + 9734597724150 z^{76}$ $+ 218251561551705 z^{74}$ $+ 3752697026228310 z^{72}$ $+ 49965846091197759 z^{70}$ $+ 520697653780511835 z^{68}$ $+ 4295033571271674780 z^{66}$ $+ 28349359094429645085 z^{64}$ $+ 151214065441617562920 z^{62}$ $+ 657370126805264098152 z^{60}$ $+ 2345833499659029801090 z^{58}$ $+ 6911961727149903805920 z^{56}$ $+ 16895870697304538331630 z^{54}$ $+ 34392743029371000934710 z^{52}$ $+ 58467826071462299585652 z^{50}$ $+ 83185815370423450995450 z^{48}$ $+ 99189601278853147568100 z^{46}$ $+ 99189601278853147568100 z^{44}$ $+ 83185815370423450995450 z^{42}$ $+ 58467826071462299585652 z^{40}$ $+ 34392743029371000934710 z^{38}$ $+ 16895870697304538331630 z^{36}$ $+ 6911961727149903805920 z^{34}$ $+ 2345833499659029801090 z^{32}$	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+657370126805264098152 z^{30}$ $+151214065441617562920 z^{28}$ $+28349359094429645085 z^{26}$ $+4295033571271674780 z^{24}$ $+520697653780511835 z^{22}$ $+49965846091197759 z^{20}$ $+3752697026228310 z^{18}$ $+218251561551705 z^{16} + 9734597724150 z^{14}$ $+329744467350 z^{12} + 8379802125 z^{10}$ $+156082950 z^8 + 2085675 z^6 + 21015 z^4 + 180 z^2$ $+1$	
$\{[90, 2, 79]\}$	$x^{11} + x^{10} + x^7 + x^6 + x^4 + x^3 + x^2 + 1$	$z^{90} + 45 z^{88} + 4590 z^{86} + 703230 z^{84} + 78015555 z^{82}$ $+5606810559 z^{80} + 267486292740 z^{78}$ $+8826097571460 z^{76} + 209634972565995 z^{74}$ $+3700840695821055 z^{72}$ $+49785887641369446 z^{70}$ $+520488589815523350 z^{68}$ $+4295918002032168945 z^{66}$ $+28353059056196415765 z^{64}$ $+151216308945101738160 z^{62}$ $+657356417722620294576 z^{60}$ $+2345808203146962787770 z^{58}$ $+6911980289812580105970 z^{56}$ $+16895951807234977753980 z^{54}$ $+34392755455139917832220 z^{52}$ $+58467684233485437335982 z^{50}$ $+83185729540040369103750 z^{48}$ $+99189749477018703461400 z^{46}$ $+99189749477018703461400 z^{44}$ $+83185729540040369103750 z^{42}$ $+58467684233485437335982 z^{40}$	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+34392755455139917832220 z^{38}$ $+16895951807234977753980 z^{36}$ $+6911980289812580105970 z^{34}$ $+2345808203146962787770 z^{32}$ $+657356417722620294576 z^{30}$ $+151216308945101738160 z^{28}$ $+28353059056196415765 z^{26}$ $+4295918002032168945 z^{24}$ $+520488589815523350 z^{22}$ $+49785887641369446 z^{20}$ $+3700840695821055 z^{18}$ $+209634972565995 z^{16} + 8826097571460 z^{14}$ $+267486292740 z^{12} + 5606810559 z^{10}$ $+78015555 z^8 + 703230 z^6 + 4590 z^4 + 45 z^2 + 1$	
		$z^{90} + 225 z^{88} + 23850 z^{86} + 2049450 z^{84}$ $+ 146053575 z^{82} + 7744125735 z^{80}$ $+ 307673634300 z^{78} + 9281918677500 z^{76}$ $+ 212680865560275 z^{74}$ $+ 3711217575789555 z^{72}$ $+ 49788450244968930 z^{70}$ $+ 520381950190389090 z^{68}$ $+ 4295648109990892245 z^{66}$ $+ 28353353012366519925 z^{64}$ $+ 151218206475543648720 z^{62}$ $+ 657356777965087474128 z^{60}$ $+ 2345801219145310219290 z^{58}$ $+ 6911975714348680548570 z^{56}$ $+ 16895968442635908323700 z^{54}$ $+ 34392769965794840149620 z^{52}$ $+ 58467656647379449593270 z^{50}$ $+ 83185702908276737553270 z^{48}$	

$\{[90, 2, 79]\}$	$x^{11} + x^{10} + x^6 + x^5 + x + 1$	$+99189781916617017481320 z^{46}$ $+99189781916617017481320 z^{44}$ $+83185702908276737553270 z^{42}$ $+58467656647379449593270 z^{40}$ $+34392769965794840149620 z^{38}$ $+16895968442635908323700 z^{36}$ $+6911975714348680548570 z^{34}$ $+2345801219145310219290 z^{32}$ $+657356777965087474128 z^{30}$ $+151218206475543648720 z^{28}$ $+28353353012366519925 z^{26}$ $+4295648109990892245 z^{24}$ $+520381950190389090 z^{22}$ $+49788450244968930 z^{20}$ $+3711217575789555 z^{18}$ $+212680865560275 z^{16} + 9281918677500 z^{14}$ $+307673634300 z^{12} + 7744125735 z^{10}$ $+146053575 z^8 + 2049450 z^6 + 23850 z^4 + 225 z^2$ $+1$	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$
		$z^{92} + 138 z^{90} + 9131 z^{88} + 385572 z^{86} + 4145152 z^{85}$ $+44828817 z^{84} + 426950656 z^{83}$ $+3519136390 z^{82} + 26248232960 z^{81}$ $+177190201699 z^{80} + 1090069839872 z^{79}$ $+6151982426584 z^{78} + 31991165075456 z^{77}$ $+153953048036623 z^{76} + 688263214284800 z^{75}$ $+2867767337499966 z^{74}$ $+11169180239314944 z^{73}$ $+40767548837552757 z^{72}$ $+139774482765660160 z^{71}$ $+451090195982795348 z^{70}$ $+1372883286109782016 z^{69}$	

$\{[92, 2, 81]\}$

$$x^{11} + x^9 + x^7 + x^6 + x^5 + x + 1$$

$$\begin{aligned}
&+3947039684534711639 z^{68} \\
&+10735947495862632448 z^{67} \\
&+27665711413641401618 z^{66} \\
&+67627295262175199232 z^{65} \\
&+156991932259369596741 z^{64} \\
&+346464954522920747008 z^{63} \\
&+727576411093586149920 z^{62} \\
&+1455152817585300635648 z^{61} \\
&+2773885052828800742634 z^{60} \\
&+5043427377729932427264 z^{59} \\
&+8751829855564411858948 z^{58} \\
&+14503032326156347441152 z^{57} \\
&+22963134541888091409806 z^{56} \\
&+34755014431306980327424 z^{55} \\
&+50303310324739308580744 z^{54} \\
&+69650737405043200327680 z^{53} \\
&+92287227080443714794090 z^{52} \\
&+117047214796413912907776 z^{51} \\
&+142128760849887588235932 z^{50} \\
&+165266000997729357496320 z^{49} \\
&+184046228317281475748190 z^{48} \\
&+196315976909748353925120 z^{47} \\
&+200583715608864242499600 z^{46} \\
&+196315976909748353925120 z^{45} \\
&+184046228317281475748190 z^{44} \\
&+165266000997729357496320 z^{43} \\
&+142128760849887588235932 z^{42} \\
&+117047214796413912907776 z^{41} \\
&+92287227080443714794090 z^{40} \\
&+69650737405043200327680 z^{39} \\
&+50303310324739308580744 z^{38}
\end{aligned}$$

$\{[46, \sqrt{23}]\}$

		$+34755014431306980327424 z^{37}$ $+22963134541888091409806 z^{36}$ $+14503032326156347441152 z^{35}$ $+8751829855564411858948 z^{34}$ $+5043427377729932427264 z^{33}$ $+2773885052828800742634 z^{32}$ $+1455152817585300635648 z^{31}$ $+727576411093586149920 z^{30}$ $+346464954522920747008 z^{29}$ $+156991932259369596741 z^{28}$ $+67627295262175199232 z^{27}$ $+27665711413641401618 z^{26}$ $+10735947495862632448 z^{25}$ $+3947039684534711639 z^{24}$ $+1372883286109782016 z^{23}$ $+451090195982795348 z^{22}$ $+139774482765660160 z^{21}$ $+40767548837552757 z^{20}$ $+11169180239314944 z^{19}$ $+2867767337499966 z^{18}$ $+688263214284800 z^{17} + 153953048036623 z^{16}$ $+31991165075456 z^{15} + 6151982426584 z^{14}$ $+1090069839872 z^{13} + 177190201699 z^{12}$ $+26248232960 z^{11} + 3519136390 z^{10}$ $+426950656 z^9 + 44828817 z^8 + 4145152 z^7$ $+385572 z^6 + 9131 z^4 + 138 z^2 + 1$	
		$z^{92} + 138 z^{90} + 9131 z^{88} + 385572 z^{86} + 4145152 z^{85}$ $+ 44828817 z^{84} + 426950656 z^{83}$ $+ 3519136390 z^{82} + 26248232960 z^{81}$ $+ 177190201699 z^{80} + 1090069839872 z^{79}$ $+ 6151982426584 z^{78} + 31991165075456 z^{77}$	

{[92, 2, 81]}

$$x^{11} + x^{10} + x^6 + x^5 + x^4 + x^2 + 1$$

$$\begin{aligned}
& +153953048036623 z^{76} + 688263214284800 z^{75} \\
& +2867767337499966 z^{74} \\
& +11169180239314944 z^{73} \\
& +40767548837552757 z^{72} \\
& +139774482765660160 z^{71} \\
& +451090195982795348 z^{70} \\
& +1372883286109782016 z^{69} \\
& +3947039684534711639 z^{68} \\
& +10735947495862632448 z^{67} \\
& +27665711413641401618 z^{66} \\
& +67627295262175199232 z^{65} \\
& +156991932259369596741 z^{64} \\
& +346464954522920747008 z^{63} \\
& +727576411093586149920 z^{62} \\
& +1455152817585300635648 z^{61} \\
& +2773885052828800742634 z^{60} \\
& +5043427377729932427264 z^{59} \\
& +8751829855564411858948 z^{58} \\
& +14503032326156347441152 z^{57} \\
& +22963134541888091409806 z^{56} \\
& +34755014431306980327424 z^{55} \\
& +50303310324739308580744 z^{54} \\
& +69650737405043200327680 z^{53} \\
& +92287227080443714794090 z^{52} \\
& +117047214796413912907776 z^{51} \\
& +142128760849887588235932 z^{50} \\
& +165266000997729357496320 z^{49} \\
& +184046228317281475748190 z^{48} \\
& +196315976909748353925120 z^{47} \\
& +200583715608864242499600 z^{46} \\
& +196315976909748353925120 z^{45}
\end{aligned}$$

{[46, $\sqrt{23}$]}

$$\begin{aligned}
&+184046228317281475748190 z^{44} \\
&+165266000997729357496320 z^{43} \\
&+142128760849887588235932 z^{42} \\
&+117047214796413912907776 z^{41} \\
&+92287227080443714794090 z^{40} \\
&+69650737405043200327680 z^{39} \\
&+50303310324739308580744 z^{38} \\
&+34755014431306980327424 z^{37} \\
&+22963134541888091409806 z^{36} \\
&+14503032326156347441152 z^{35} \\
&+8751829855564411858948 z^{34} \\
&+5043427377729932427264 z^{33} \\
&+2773885052828800742634 z^{32} \\
&+1455152817585300635648 z^{31} \\
&+727576411093586149920 z^{30} \\
&+346464954522920747008 z^{29} \\
&+156991932259369596741 z^{28} \\
&+67627295262175199232 z^{27} \\
&+27665711413641401618 z^{26} \\
&+10735947495862632448 z^{25} \\
&+3947039684534711639 z^{24} \\
&+1372883286109782016 z^{23} \\
&+451090195982795348 z^{22} \\
&+139774482765660160 z^{21} \\
&+40767548837552757 z^{20} \\
&+11169180239314944 z^{19} \\
&+2867767337499966 z^{18} \\
&+688263214284800 z^{17} + 153953048036623 z^{16} \\
&+31991165075456 z^{15} + 6151982426584 z^{14} \\
&+1090069839872 z^{13} + 177190201699 z^{12} \\
&+26248232960 z^{11} + 3519136390 z^{10}
\end{aligned}$$

		$+426950656 z^9 + 44828817 z^8 + 4145152 z^7$ $+385572 z^6 + 9131 z^4 + 138 z^2 + 1$	
$\{[93, 2, 82]\}$	$x^{11} + x^6 + x^5 + x^2 + x + 1$	$45198 z^{88} + 9363519 z^{86} + 938699685 z^{84}$ $+59532298785 z^{82} + 2534816348145 z^{80}$ $+76284555006318 z^{78} + 1684434938238954 z^{76}$ $+28073913564523530 z^{74}$ $+361083950765207296 z^{72}$ $+3647947223073657087 z^{70}$ $+29365974342875608533 z^{68}$ $+190586011653224921449 z^{66}$ $+1006913779107134924685 z^{64}$ $+4365458448496839083016 z^{62}$ $+15634624865475438217752 z^{60}$ $+46509724377353633071320 z^{58}$ $+115436297907727682081940 z^{56}$ $+239908095506048683096350 z^{54}$ $+418668883736746700054250 z^{52}$ $+614789523655071175428930 z^{50}$ $+760724410538500801963410 z^{48}$ $+793799384956586746560180 z^{46}$ $+698624458664193800977500 z^{44}$ $+518351951308271019260508 z^{42}$ $+323875928935199317020696 z^{40}$ $+170116649537783206646550 z^{38}$ $+74932333729337812973170 z^{36}$ $+27590514462569982986010 z^{34}$ $+8458075745704755863154 z^{32}$ $+2148082729163495337928 z^{30}$ $+449238455207345154648 z^{28}$ $+76803318061587258264 z^{26}$ $+10639845840476769870 z^{24}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+1181729353021498179 z^{22}$ $+103873473331285713 z^{20}$ $+7112056992399293 z^{18}$ $+371888138888829 z^{16} + 14484488014350 z^{14}$ $+406807339338 z^{12} + 7890380586 z^{10}$ $+99656568 z^8 + 708939 z^6 + 4185 z^4 + 93 z^2 + 1$	
$\{[93, 2, 82]\}$	$x^{11} + x^7 + x^6 + x^4 + x^3 + 1$	$45198 z^{88} + 9363519 z^{86} + 938699685 z^{84}$ $+59532298785 z^{82} + 2534816348145 z^{80}$ $+76284555006318 z^{78} + 1684434938238954 z^{76}$ $+28073913564523530 z^{74}$ $+361083950765207296 z^{72}$ $+3647947223073657087 z^{70}$ $+29365974342875608533 z^{68}$ $+190586011653224921449 z^{66}$ $+1006913779107134924685 z^{64}$ $+4365458448496839083016 z^{62}$ $+15634624865475438217752 z^{60}$ $+46509724377353633071320 z^{58}$ $+115436297907727682081940 z^{56}$ $+239908095506048683096350 z^{54}$ $+418668883736746700054250 z^{52}$ $+614789523655071175428930 z^{50}$ $+760724410538500801963410 z^{48}$ $+793799384956586746560180 z^{46}$ $+698624458664193800977500 z^{44}$ $+518351951308271019260508 z^{42}$ $+323875928935199317020696 z^{40}$ $+170116649537783206646550 z^{38}$ $+74932333729337812973170 z^{36}$ $+27590514462569982986010 z^{34}$ $+8458075745704755863154 z^{32}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+2148082729163495337928 z^{30}$ $+449238455207345154648 z^{28}$ $+76803318061587258264 z^{26}$ $+10639845840476769870 z^{24}$ $+1181729353021498179 z^{22}$ $+103873473331285713 z^{20}$ $+7112056992399293 z^{18}$ $+371888138888829 z^{16} + 14484488014350 z^{14}$ $+406807339338 z^{12} + 7890380586 z^{10}$ $+99656568 z^8 + 708939 z^6 + 4185 z^4 + 93 z^2 + 1$	
$\{[93, 2, 82]\}$	$x^{11} + x^8 + x^6 + x^5 + x^4 + x^3 + x^2 + 1$	$496 z^{90} + 49569 z^{88} + 9237504 z^{86} + 939071530 z^{84}$ $+ 59539531488 z^{82} + 2534734191015 z^{80}$ $+ 76284943736832 z^{78} + 1684434216016764 z^{76}$ $+ 28073911446745200 z^{74}$ $+ 361083970116491955 z^{72}$ $+ 3647947156845264000 z^{70}$ $+ 29365974460387657314 z^{68}$ $+ 190586011648884929664 z^{66}$ $+ 1006913778451194098805 z^{64}$ $+ 4365458450755245782016 z^{62}$ $+ 15634624860872465995728 z^{60}$ $+ 46509724383661773863904 z^{58}$ $+ 115436297902524585208410 z^{56}$ $+ 239908095506158277660160 z^{54}$ $+ 418668883744028840826228 z^{52}$ $+ 614789523642352802506560 z^{50}$ $+ 760724410550949929411190 z^{48}$ $+ 793799384950093868743680 z^{46}$ $+ 698624458662951308989800 z^{44}$ $+ 518351951314506996175968 z^{42}$ $+ 323875928928439303301430 z^{40}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+170116649542130805928704 z^{38}$ $+74932333727722726668660 z^{36}$ $+27590514462649015847040 z^{34}$ $+8458075745980242035226 z^{32}$ $+2148082729037081054208 z^{30}$ $+449238455180714760144 z^{28}$ $+76803318122433017904 z^{26}$ $+10639845804576280725 z^{24}$ $+1181729364147878400 z^{22}$ $+103873472278561890 z^{20}$ $+7112056309224672 z^{18}$ $+371888501837139 z^{16} + 14484402938880 z^{14}$ $+406816414588 z^{12} + 7890707760 z^{10}$ $+99450759 z^8 + 726144 z^6 + 4650 z^4 + 1$	
		$45198 z^{88} + 9363519 z^{86} + 938699685 z^{84}$ $+59532298785 z^{82} + 2534816348145 z^{80}$ $+76284555006318 z^{78} + 1684434938238954 z^{76}$ $+28073913564523530 z^{74}$ $+361083950765207296 z^{72}$ $+3647947223073657087 z^{70}$ $+29365974342875608533 z^{68}$ $+190586011653224921449 z^{66}$ $+1006913779107134924685 z^{64}$ $+4365458448496839083016 z^{62}$ $+15634624865475438217752 z^{60}$ $+46509724377353633071320 z^{58}$ $+115436297907727682081940 z^{56}$ $+239908095506048683096350 z^{54}$ $+418668883736746700054250 z^{52}$ $+614789523655071175428930 z^{50}$ $+760724410538500801963410 z^{48}$	

{[93, 2, 82]}	$x^{11} + x^8 + x^7 + x^5 + x^4 + x^3 + x + 1$	$ \begin{aligned} &+793799384956586746560180 z^{46} \\ &+698624458664193800977500 z^{44} \\ &+518351951308271019260508 z^{42} \\ &+323875928935199317020696 z^{40} \\ &+170116649537783206646550 z^{38} \\ &+74932333729337812973170 z^{36} \\ &+27590514462569982986010 z^{34} \\ &+8458075745704755863154 z^{32} \\ &+2148082729163495337928 z^{30} \\ &+449238455207345154648 z^{28} \\ &+76803318061587258264 z^{26} \\ &+10639845840476769870 z^{24} \\ &+1181729353021498179 z^{22} \\ &+103873473331285713 z^{20} \\ &+7112056992399293 z^{18} \\ &+371888138888829 z^{16} + 14484488014350 z^{14} \\ &+406807339338 z^{12} + 7890380586 z^{10} \\ &+99656568 z^8 + 708939 z^6 + 4185 z^4 + 93 z^2 + 1 \end{aligned} $	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$
		$ \begin{aligned} &45198 z^{88} + 9363519 z^{86} + 938699685 z^{84} \\ &+ 59532298785 z^{82} + 2534816348145 z^{80} \\ &+ 76284555006318 z^{78} + 1684434938238954 z^{76} \\ &+ 28073913564523530 z^{74} \\ &+ 361083950765207296 z^{72} \\ &+ 3647947223073657087 z^{70} \\ &+ 29365974342875608533 z^{68} \\ &+ 190586011653224921449 z^{66} \\ &+ 1006913779107134924685 z^{64} \\ &+ 4365458448496839083016 z^{62} \\ &+ 15634624865475438217752 z^{60} \\ &+ 46509724377353633071320 z^{58} \\ &+ 115436297907727682081940 z^{56} \end{aligned} $	

$\{[93, 2, 82]\}$	$x^{11} + x^8 + x^7 + x^5 + x^4 + 1$	$ \begin{aligned} &+239908095506048683096350 z^{54} \\ &+418668883736746700054250 z^{52} \\ &+614789523655071175428930 z^{50} \\ &+760724410538500801963410 z^{48} \\ &+793799384956586746560180 z^{46} \\ &+698624458664193800977500 z^{44} \\ &+518351951308271019260508 z^{42} \\ &+323875928935199317020696 z^{40} \\ &+170116649537783206646550 z^{38} \\ &+74932333729337812973170 z^{36} \\ &+27590514462569982986010 z^{34} \\ &+8458075745704755863154 z^{32} \\ &+2148082729163495337928 z^{30} \\ &+449238455207345154648 z^{28} \\ &+76803318061587258264 z^{26} \\ &+10639845840476769870 z^{24} \\ &+1181729353021498179 z^{22} \\ &+103873473331285713 z^{20} \\ &+7112056992399293 z^{18} \\ &+371888138888829 z^{16} + 14484488014350 z^{14} \\ &+406807339338 z^{12} + 7890380586 z^{10} \\ &+99656568 z^8 + 708939 z^6 + 4185 z^4 + 93 z^2 + 1 \end{aligned} $	$ \left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\} $
		$ \begin{aligned} &45198 z^{88} + 9363519 z^{86} + 938699685 z^{84} \\ &+ 59532298785 z^{82} + 2534816348145 z^{80} \\ &+ 76284555006318 z^{78} + 1684434938238954 z^{76} \\ &+ 28073913564523530 z^{74} \\ &+ 361083950765207296 z^{72} \\ &+ 3647947223073657087 z^{70} \\ &+ 29365974342875608533 z^{68} \\ &+ 190586011653224921449 z^{66} \\ &+ 1006913779107134924685 z^{64} \end{aligned} $	

{[93, 2, 82]}	$x^{11} + x^9 + x^7 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+4365458448496839083016 z^{62} \\ &+15634624865475438217752 z^{60} \\ &+46509724377353633071320 z^{58} \\ &+115436297907727682081940 z^{56} \\ &+239908095506048683096350 z^{54} \\ &+418668883736746700054250 z^{52} \\ &+614789523655071175428930 z^{50} \\ &+760724410538500801963410 z^{48} \\ &+793799384956586746560180 z^{46} \\ &+698624458664193800977500 z^{44} \\ &+518351951308271019260508 z^{42} \\ &+323875928935199317020696 z^{40} \\ &+170116649537783206646550 z^{38} \\ &+74932333729337812973170 z^{36} \\ &+27590514462569982986010 z^{34} \\ &+8458075745704755863154 z^{32} \\ &+2148082729163495337928 z^{30} \\ &+449238455207345154648 z^{28} \\ &+76803318061587258264 z^{26} \\ &+10639845840476769870 z^{24} \\ &+1181729353021498179 z^{22} \\ &+103873473331285713 z^{20} \\ &+7112056992399293 z^{18} \\ &+371888138888829 z^{16} + 14484488014350 z^{14} \\ &+406807339338 z^{12} + 7890380586 z^{10} \\ &+99656568 z^8 + 708939 z^6 + 4185 z^4 + 93 z^2 + 1 \end{aligned} $	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$
		$ \begin{aligned} &45198 z^{88} + 9363519 z^{86} + 938699685 z^{84} \\ &+ 59532298785 z^{82} + 2534816348145 z^{80} \\ &+ 76284555006318 z^{78} + 1684434938238954 z^{76} \\ &+ 28073913564523530 z^{74} \\ &+ 361083950765207296 z^{72} \end{aligned} $	

{[93, 2, 82]}	$x^{11} + x^9 + x^5 + x^3 + x + 1$	$ \begin{aligned} &+3647947223073657087 z^{70} \\ &+29365974342875608533 z^{68} \\ &+190586011653224921449 z^{66} \\ &+1006913779107134924685 z^{64} \\ &+4365458448496839083016 z^{62} \\ &+15634624865475438217752 z^{60} \\ &+46509724377353633071320 z^{58} \\ &+115436297907727682081940 z^{56} \\ &+239908095506048683096350 z^{54} \\ &+418668883736746700054250 z^{52} \\ &+614789523655071175428930 z^{50} \\ &+760724410538500801963410 z^{48} \\ &+793799384956586746560180 z^{46} \\ &+698624458664193800977500 z^{44} \\ &+518351951308271019260508 z^{42} \\ &+323875928935199317020696 z^{40} \\ &+170116649537783206646550 z^{38} \\ &+74932333729337812973170 z^{36} \\ &+27590514462569982986010 z^{34} \\ &+8458075745704755863154 z^{32} \\ &+2148082729163495337928 z^{30} \\ &+449238455207345154648 z^{28} \\ &+76803318061587258264 z^{26} \\ &+10639845840476769870 z^{24} \\ &+1181729353021498179 z^{22} \\ &+103873473331285713 z^{20} \\ &+7112056992399293 z^{18} \\ &+371888138888829 z^{16} + 14484488014350 z^{14} \\ &+406807339338 z^{12} + 7890380586 z^{10} \\ &+99656568 z^8 + 708939 z^6 + 4185 z^4 + 93 z^2 + 1 \end{aligned} $	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$
		$45198 z^{88} + 9363519 z^{86} + 938699685 z^{84}$	

$\{[93, 2, 82]\}$

$$x^{11} + x^9 + x^4 + x^3 + x^2 + 1$$

$$\begin{aligned}
&+59532298785 z^{82} + 2534816348145 z^{80} \\
&+76284555006318 z^{78} + 1684434938238954 z^{76} \\
&+28073913564523530 z^{74} \\
&+361083950765207296 z^{72} \\
&+3647947223073657087 z^{70} \\
&+29365974342875608533 z^{68} \\
&+190586011653224921449 z^{66} \\
&+1006913779107134924685 z^{64} \\
&+4365458448496839083016 z^{62} \\
&+15634624865475438217752 z^{60} \\
&+46509724377353633071320 z^{58} \\
&+115436297907727682081940 z^{56} \\
&+239908095506048683096350 z^{54} \\
&+418668883736746700054250 z^{52} \\
&+614789523655071175428930 z^{50} \\
&+760724410538500801963410 z^{48} \\
&+793799384956586746560180 z^{46} \\
&+698624458664193800977500 z^{44} \\
&+518351951308271019260508 z^{42} \\
&+323875928935199317020696 z^{40} \\
&+170116649537783206646550 z^{38} \\
&+74932333729337812973170 z^{36} \\
&+27590514462569982986010 z^{34} \\
&+8458075745704755863154 z^{32} \\
&+2148082729163495337928 z^{30} \\
&+449238455207345154648 z^{28} \\
&+76803318061587258264 z^{26} \\
&+10639845840476769870 z^{24} \\
&+1181729353021498179 z^{22} \\
&+103873473331285713 z^{20} \\
&+7112056992399293 z^{18}
\end{aligned}$$

$$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$$

		$+371888138888829 z^{16} + 14484488014350 z^{14}$ $+406807339338 z^{12} + 7890380586 z^{10}$ $+99656568 z^8 + 708939 z^6 + 4185 z^4 + 93 z^2 + 1$	
$\{[93, 2, 82]\}$	$x^{11} + x^9 + x^8 + x^7 + x^2 + 1$	$45198 z^{88} + 9363519 z^{86} + 938699685 z^{84}$ $+59532298785 z^{82} + 2534816348145 z^{80}$ $+76284555006318 z^{78} + 1684434938238954 z^{76}$ $+28073913564523530 z^{74}$ $+361083950765207296 z^{72}$ $+3647947223073657087 z^{70}$ $+29365974342875608533 z^{68}$ $+190586011653224921449 z^{66}$ $+1006913779107134924685 z^{64}$ $+4365458448496839083016 z^{62}$ $+15634624865475438217752 z^{60}$ $+46509724377353633071320 z^{58}$ $+115436297907727682081940 z^{56}$ $+239908095506048683096350 z^{54}$ $+418668883736746700054250 z^{52}$ $+614789523655071175428930 z^{50}$ $+760724410538500801963410 z^{48}$ $+793799384956586746560180 z^{46}$ $+698624458664193800977500 z^{44}$ $+518351951308271019260508 z^{42}$ $+323875928935199317020696 z^{40}$ $+170116649537783206646550 z^{38}$ $+74932333729337812973170 z^{36}$ $+27590514462569982986010 z^{34}$ $+8458075745704755863154 z^{32}$ $+2148082729163495337928 z^{30}$ $+449238455207345154648 z^{28}$ $+76803318061587258264 z^{26}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+10639845840476769870 z^{24}$ $+1181729353021498179 z^{22}$ $+103873473331285713 z^{20}$ $+7112056992399293 z^{18}$ $+371888138888829 z^{16} + 14484488014350 z^{14}$ $+406807339338 z^{12} + 7890380586 z^{10}$ $+99656568 z^8 + 708939 z^6 + 4185 z^4 + 93 z^2 + 1$	
$\{[93, 2, 82]\}$	$x^{11} + x^9 + x^8 + x^7 + x^3 + x^2 + x + 1$	$496 z^{90} + 49569 z^{88} + 9237504 z^{86} + 939071530 z^{84}$ $+ 59539531488 z^{82} + 2534734191015 z^{80}$ $+ 76284943736832 z^{78} + 1684434216016764 z^{76}$ $+ 28073911446745200 z^{74}$ $+ 361083970116491955 z^{72}$ $+ 3647947156845264000 z^{70}$ $+ 29365974460387657314 z^{68}$ $+ 190586011648884929664 z^{66}$ $+ 1006913778451194098805 z^{64}$ $+ 4365458450755245782016 z^{62}$ $+ 15634624860872465995728 z^{60}$ $+ 46509724383661773863904 z^{58}$ $+ 115436297902524585208410 z^{56}$ $+ 239908095506158277660160 z^{54}$ $+ 418668883744028840826228 z^{52}$ $+ 614789523642352802506560 z^{50}$ $+ 760724410550949929411190 z^{48}$ $+ 793799384950093868743680 z^{46}$ $+ 698624458662951308989800 z^{44}$ $+ 518351951314506996175968 z^{42}$ $+ 323875928928439303301430 z^{40}$ $+ 170116649542130805928704 z^{38}$ $+ 74932333727722726668660 z^{36}$ $+ 27590514462649015847040 z^{34}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+8458075745980242035226 z^{32}$ $+2148082729037081054208 z^{30}$ $+449238455180714760144 z^{28}$ $+76803318122433017904 z^{26}$ $+10639845804576280725 z^{24}$ $+1181729364147878400 z^{22}$ $+103873472278561890 z^{20}$ $+7112056309224672 z^{18}$ $+371888501837139 z^{16} + 14484402938880 z^{14}$ $+406816414588 z^{12} + 7890707760 z^{10}$ $+99450759 z^8 + 726144 z^6 + 4650 z^4 + 1$	
$\{[93, 2, 82]\}$	$x^{11} + x^9 + x^8 + x^7 + x^6 + x^5 + x^3 + 1$	$496 z^{90} + 49569 z^{88} + 9237504 z^{86} + 939071530 z^{84}$ $+ 59539531488 z^{82} + 2534734191015 z^{80}$ $+ 76284943736832 z^{78} + 1684434216016764 z^{76}$ $+ 28073911446745200 z^{74}$ $+ 361083970116491955 z^{72}$ $+ 3647947156845264000 z^{70}$ $+ 29365974460387657314 z^{68}$ $+ 190586011648884929664 z^{66}$ $+ 1006913778451194098805 z^{64}$ $+ 4365458450755245782016 z^{62}$ $+ 15634624860872465995728 z^{60}$ $+ 46509724383661773863904 z^{58}$ $+ 115436297902524585208410 z^{56}$ $+ 239908095506158277660160 z^{54}$ $+ 418668883744028840826228 z^{52}$ $+ 614789523642352802506560 z^{50}$ $+ 760724410550949929411190 z^{48}$ $+ 793799384950093868743680 z^{46}$ $+ 698624458662951308989800 z^{44}$ $+ 518351951314506996175968 z^{42}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+323875928928439303301430 z^{40}$ $+170116649542130805928704 z^{38}$ $+74932333727722726668660 z^{36}$ $+27590514462649015847040 z^{34}$ $+8458075745980242035226 z^{32}$ $+2148082729037081054208 z^{30}$ $+449238455180714760144 z^{28}$ $+76803318122433017904 z^{26}$ $+10639845804576280725 z^{24}$ $+1181729364147878400 z^{22}$ $+103873472278561890 z^{20}$ $+7112056309224672 z^{18}$ $+371888501837139 z^{16} + 14484402938880 z^{14}$ $+406816414588 z^{12} + 7890707760 z^{10}$ $+99450759 z^8 + 726144 z^6 + 4650 z^4 + 1$	
		$52731 z^{88} + 9285678 z^{86} + 938783385 z^{84}$ $+59534536365 z^{82} + 2534805254175 z^{80}$ $+76284552492280 z^{78} + 1684435116952590 z^{76}$ $+28073913036757830 z^{74}$ $+361083950420961441 z^{72}$ $+3647947228902381402 z^{70}$ $+29365974329504888421 z^{68}$ $+190586011648726999513 z^{66}$ $+1006913779200166102005 z^{64}$ $+4365458448283117907136 z^{62}$ $+15634624865569848968232 z^{60}$ $+46509724378019228117832 z^{58}$ $+115436297905767390443166 z^{56}$ $+239908095508510995415500 z^{54}$ $+418668883736714091706050 z^{52}$ $+614789523648798240929130 z^{50}$	

{[93, 2, 82]}	$x^{11} + x^9 + x^8 + x^3 + x^2 + 1$	$ \begin{aligned} &+760724410552800742640550 z^{48} \\ &+793799384937025420825200 z^{46} \\ &+698624458682923205399700 z^{44} \\ &+518351951295744080503908 z^{42} \\ &+323875928940163125697746 z^{40} \\ &+170116649537937485527092 z^{38} \\ &+74932333727547960056386 z^{36} \\ &+27590514463863665921610 z^{34} \\ &+8458075745296698576474 z^{32} \\ &+2148082729116803650048 z^{30} \\ &+449238455314440920616 z^{28} \\ &+76803318016933840968 z^{26} \\ &+10639845843933430295 z^{24} \\ &+1181729357583253734 z^{22} \\ &+103873471290532773 z^{20} \\ &+7112057204455785 z^{18} \\ &+371888246078955 z^{16} + 14484446072280 z^{14} \\ &+406810971918 z^{12} + 7891435206 z^{10} \\ &+99362781 z^8 + 731538 z^6 + 4185 z^4 + 93 z^2 + 1 \end{aligned} $	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$
		$ \begin{aligned} &496 z^{90} + 49569 z^{88} + 9237504 z^{86} + 939071530 z^{84} \\ &+ 59539531488 z^{82} + 2534734191015 z^{80} \\ &+ 76284943736832 z^{78} + 1684434216016764 z^{76} \\ &+ 28073911446745200 z^{74} \\ &+ 361083970116491955 z^{72} \\ &+ 3647947156845264000 z^{70} \\ &+ 29365974460387657314 z^{68} \\ &+ 190586011648884929664 z^{66} \\ &+ 1006913778451194098805 z^{64} \\ &+ 4365458450755245782016 z^{62} \\ &+ 15634624860872465995728 z^{60} \\ &+ 46509724383661773863904 z^{58} \end{aligned} $	

{[93, 2, 82]}	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^5 + x + 1$	$ \begin{aligned} &+115436297902524585208410 z^{56} \\ &+239908095506158277660160 z^{54} \\ &+418668883744028840826228 z^{52} \\ &+614789523642352802506560 z^{50} \\ &+760724410550949929411190 z^{48} \\ &+793799384950093868743680 z^{46} \\ &+698624458662951308989800 z^{44} \\ &+518351951314506996175968 z^{42} \\ &+323875928928439303301430 z^{40} \\ &+170116649542130805928704 z^{38} \\ &+74932333727722726668660 z^{36} \\ &+27590514462649015847040 z^{34} \\ &+8458075745980242035226 z^{32} \\ &+2148082729037081054208 z^{30} \\ &+449238455180714760144 z^{28} \\ &+76803318122433017904 z^{26} \\ &+10639845804576280725 z^{24} \\ &+1181729364147878400 z^{22} \\ &+103873472278561890 z^{20} \\ &+7112056309224672 z^{18} \\ &+371888501837139 z^{16} + 14484402938880 z^{14} \\ &+406816414588 z^{12} + 7890707760 z^{10} \\ &+99450759 z^8 + 726144 z^6 + 4650 z^4 + 1 \end{aligned} $	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$
		$ \begin{aligned} &45198 z^{88} + 9363519 z^{86} + 938699685 z^{84} \\ &+ 59532298785 z^{82} + 2534816348145 z^{80} \\ &+ 76284555006318 z^{78} + 1684434938238954 z^{76} \\ &+ 28073913564523530 z^{74} \\ &+ 361083950765207296 z^{72} \\ &+ 3647947223073657087 z^{70} \\ &+ 29365974342875608533 z^{68} \\ &+ 190586011653224921449 z^{66} \end{aligned} $	

$\{[93, 2, 82]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^4 + x^2 + 1$	$+1006913779107134924685 z^{64}$ $+4365458448496839083016 z^{62}$ $+15634624865475438217752 z^{60}$ $+46509724377353633071320 z^{58}$ $+115436297907727682081940 z^{56}$ $+239908095506048683096350 z^{54}$ $+418668883736746700054250 z^{52}$ $+614789523655071175428930 z^{50}$ $+760724410538500801963410 z^{48}$ $+793799384956586746560180 z^{46}$ $+698624458664193800977500 z^{44}$ $+518351951308271019260508 z^{42}$ $+323875928935199317020696 z^{40}$ $+170116649537783206646550 z^{38}$ $+74932333729337812973170 z^{36}$ $+27590514462569982986010 z^{34}$ $+8458075745704755863154 z^{32}$ $+2148082729163495337928 z^{30}$ $+449238455207345154648 z^{28}$ $+76803318061587258264 z^{26}$ $+10639845840476769870 z^{24}$ $+1181729353021498179 z^{22}$ $+103873473331285713 z^{20}$ $+7112056992399293 z^{18}$ $+371888138888829 z^{16} + 14484488014350 z^{14}$ $+406807339338 z^{12} + 7890380586 z^{10}$ $+99656568 z^8 + 708939 z^6 + 4185 z^4 + 93 z^2 + 1$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$
		$496 z^{90} + 49569 z^{88} + 9237504 z^{86} + 939071530 z^{84}$ $+59539531488 z^{82} + 2534734191015 z^{80}$ $+76284943736832 z^{78} + 1684434216016764 z^{76}$ $+28073911446745200 z^{74}$	

$\{[93, 2, 82]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^4 + x^3 + x^2 + 1$	$+361083970116491955 z^{72}$ $+3647947156845264000 z^{70}$ $+29365974460387657314 z^{68}$ $+190586011648884929664 z^{66}$ $+1006913778451194098805 z^{64}$ $+4365458450755245782016 z^{62}$ $+15634624860872465995728 z^{60}$ $+46509724383661773863904 z^{58}$ $+115436297902524585208410 z^{56}$ $+239908095506158277660160 z^{54}$ $+418668883744028840826228 z^{52}$ $+614789523642352802506560 z^{50}$ $+760724410550949929411190 z^{48}$ $+793799384950093868743680 z^{46}$ $+698624458662951308989800 z^{44}$ $+518351951314506996175968 z^{42}$ $+323875928928439303301430 z^{40}$ $+170116649542130805928704 z^{38}$ $+74932333727722726668660 z^{36}$ $+27590514462649015847040 z^{34}$ $+8458075745980242035226 z^{32}$ $+2148082729037081054208 z^{30}$ $+449238455180714760144 z^{28}$ $+76803318122433017904 z^{26}$ $+10639845804576280725 z^{24}$ $+1181729364147878400 z^{22}$ $+103873472278561890 z^{20}$ $+7112056309224672 z^{18}$ $+371888501837139 z^{16} + 14484402938880 z^{14}$ $+406816414588 z^{12} + 7890707760 z^{10}$ $+99450759 z^8 + 726144 z^6 + 4650 z^4 + 1$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$
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$\{[93, 2, 82]\}$

$x^{11} + x^{10} + x^9 + x^7 + x^6 + x^5 + x^4 + x^2 + x + 1$

$52731 z^{88} + 9285678 z^{86} + 938783385 z^{84}$
 $+ 59534536365 z^{82} + 2534805254175 z^{80}$
 $+ 76284552492280 z^{78} + 1684435116952590 z^{76}$
 $+ 28073913036757830 z^{74}$
 $+ 361083950420961441 z^{72}$
 $+ 3647947228902381402 z^{70}$
 $+ 29365974329504888421 z^{68}$
 $+ 190586011648726999513 z^{66}$
 $+ 1006913779200166102005 z^{64}$
 $+ 4365458448283117907136 z^{62}$
 $+ 15634624865569848968232 z^{60}$
 $+ 46509724378019228117832 z^{58}$
 $+ 115436297905767390443166 z^{56}$
 $+ 239908095508510995415500 z^{54}$
 $+ 418668883736714091706050 z^{52}$
 $+ 614789523648798240929130 z^{50}$
 $+ 760724410552800742640550 z^{48}$
 $+ 793799384937025420825200 z^{46}$
 $+ 698624458682923205399700 z^{44}$
 $+ 518351951295744080503908 z^{42}$
 $+ 323875928940163125697746 z^{40}$
 $+ 170116649537937485527092 z^{38}$
 $+ 74932333727547960056386 z^{36}$
 $+ 27590514463863665921610 z^{34}$
 $+ 8458075745296698576474 z^{32}$
 $+ 2148082729116803650048 z^{30}$
 $+ 449238455314440920616 z^{28}$
 $+ 76803318016933840968 z^{26}$
 $+ 10639845843933430295 z^{24}$
 $+ 1181729357583253734 z^{22}$
 $+ 103873471290532773 z^{20}$

$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+7112057204455785 z^{18}$ $+371888246078955 z^{16} + 14484446072280 z^{14}$ $+406810971918 z^{12} + 7891435206 z^{10}$ $+99362781 z^8 + 731538 z^6 + 4185 z^4 + 93 z^2 + 1$	
$\{[93, 2, 82]\}$	$x^{11} + x^{10} + x^9 + x^6 + x^5 + 1$	$45198 z^{88} + 9363519 z^{86} + 938699685 z^{84}$ $+59532298785 z^{82} + 2534816348145 z^{80}$ $+76284555006318 z^{78} + 1684434938238954 z^{76}$ $+28073913564523530 z^{74}$ $+361083950765207296 z^{72}$ $+3647947223073657087 z^{70}$ $+29365974342875608533 z^{68}$ $+190586011653224921449 z^{66}$ $+1006913779107134924685 z^{64}$ $+4365458448496839083016 z^{62}$ $+15634624865475438217752 z^{60}$ $+46509724377353633071320 z^{58}$ $+115436297907727682081940 z^{56}$ $+239908095506048683096350 z^{54}$ $+418668883736746700054250 z^{52}$ $+614789523655071175428930 z^{50}$ $+760724410538500801963410 z^{48}$ $+793799384956586746560180 z^{46}$ $+698624458664193800977500 z^{44}$ $+518351951308271019260508 z^{42}$ $+323875928935199317020696 z^{40}$ $+170116649537783206646550 z^{38}$ $+74932333729337812973170 z^{36}$ $+27590514462569982986010 z^{34}$ $+8458075745704755863154 z^{32}$ $+2148082729163495337928 z^{30}$ $+449238455207345154648 z^{28}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+76803318061587258264 z^{26}$ $+10639845840476769870 z^{24}$ $+1181729353021498179 z^{22}$ $+103873473331285713 z^{20}$ $+7112056992399293 z^{18}$ $+371888138888829 z^{16} + 14484488014350 z^{14}$ $+406807339338 z^{12} + 7890380586 z^{10}$ $+99656568 z^8 + 708939 z^6 + 4185 z^4 + 93 z^2 + 1$	
$\{[93, 2, 82]\}$	$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^4 + x^3 + 1$	$45198 z^{88} + 9363519 z^{86} + 938699685 z^{84}$ $+59532298785 z^{82} + 2534816348145 z^{80}$ $+76284555006318 z^{78} + 1684434938238954 z^{76}$ $+28073913564523530 z^{74}$ $+361083950765207296 z^{72}$ $+3647947223073657087 z^{70}$ $+29365974342875608533 z^{68}$ $+190586011653224921449 z^{66}$ $+1006913779107134924685 z^{64}$ $+4365458448496839083016 z^{62}$ $+15634624865475438217752 z^{60}$ $+46509724377353633071320 z^{58}$ $+115436297907727682081940 z^{56}$ $+239908095506048683096350 z^{54}$ $+418668883736746700054250 z^{52}$ $+614789523655071175428930 z^{50}$ $+760724410538500801963410 z^{48}$ $+793799384956586746560180 z^{46}$ $+698624458664193800977500 z^{44}$ $+518351951308271019260508 z^{42}$ $+323875928935199317020696 z^{40}$ $+170116649537783206646550 z^{38}$ $+74932333729337812973170 z^{36}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$ \begin{aligned} &+27590514462569982986010 z^{34} \\ &+8458075745704755863154 z^{32} \\ &+2148082729163495337928 z^{30} \\ &+449238455207345154648 z^{28} \\ &+76803318061587258264 z^{26} \\ &+10639845840476769870 z^{24} \\ &+1181729353021498179 z^{22} \\ &+103873473331285713 z^{20} \\ &+7112056992399293 z^{18} \\ &+371888138888829 z^{16} + 14484488014350 z^{14} \\ &+406807339338 z^{12} + 7890380586 z^{10} \\ &+99656568 z^8 + 708939 z^6 + 4185 z^4 + 93 z^2 + 1 \end{aligned} $	
$\{[93, 2, 82]\}$	$x^{11} + x^{10} + x^8 + x^6 + x^2 + 1$	$ \begin{aligned} &45198 z^{88} + 9363519 z^{86} + 938699685 z^{84} \\ &+ 59532298785 z^{82} + 2534816348145 z^{80} \\ &+ 76284555006318 z^{78} + 1684434938238954 z^{76} \\ &+ 28073913564523530 z^{74} \\ &+ 361083950765207296 z^{72} \\ &+ 3647947223073657087 z^{70} \\ &+ 29365974342875608533 z^{68} \\ &+ 190586011653224921449 z^{66} \\ &+ 1006913779107134924685 z^{64} \\ &+ 4365458448496839083016 z^{62} \\ &+ 15634624865475438217752 z^{60} \\ &+ 46509724377353633071320 z^{58} \\ &+ 115436297907727682081940 z^{56} \\ &+ 239908095506048683096350 z^{54} \\ &+ 418668883736746700054250 z^{52} \\ &+ 614789523655071175428930 z^{50} \\ &+ 760724410538500801963410 z^{48} \\ &+ 793799384956586746560180 z^{46} \\ &+ 698624458664193800977500 z^{44} \end{aligned} $	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+518351951308271019260508 z^{42}$ $+323875928935199317020696 z^{40}$ $+170116649537783206646550 z^{38}$ $+74932333729337812973170 z^{36}$ $+27590514462569982986010 z^{34}$ $+8458075745704755863154 z^{32}$ $+2148082729163495337928 z^{30}$ $+449238455207345154648 z^{28}$ $+76803318061587258264 z^{26}$ $+10639845840476769870 z^{24}$ $+1181729353021498179 z^{22}$ $+103873473331285713 z^{20}$ $+7112056992399293 z^{18}$ $+371888138888829 z^{16} + 14484488014350 z^{14}$ $+406807339338 z^{12} + 7890380586 z^{10}$ $+99656568 z^8 + 708939 z^6 + 4185 z^4 + 93 z^2 + 1$	
		$52731 z^{88} + 9285678 z^{86} + 938783385 z^{84}$ $+59534536365 z^{82} + 2534805254175 z^{80}$ $+76284552492280 z^{78} + 1684435116952590 z^{76}$ $+28073913036757830 z^{74}$ $+361083950420961441 z^{72}$ $+3647947228902381402 z^{70}$ $+29365974329504888421 z^{68}$ $+190586011648726999513 z^{66}$ $+1006913779200166102005 z^{64}$ $+4365458448283117907136 z^{62}$ $+15634624865569848968232 z^{60}$ $+46509724378019228117832 z^{58}$ $+115436297905767390443166 z^{56}$ $+239908095508510995415500 z^{54}$ $+418668883736714091706050 z^{52}$	

$\{[93, 2, 82]\}$	$x^{11} + x^{10} + x^7 + x^4 + x + 1$	$ \begin{aligned} &+614789523648798240929130 z^{50} \\ &+760724410552800742640550 z^{48} \\ &+793799384937025420825200 z^{46} \\ &+698624458682923205399700 z^{44} \\ &+518351951295744080503908 z^{42} \\ &+323875928940163125697746 z^{40} \\ &+170116649537937485527092 z^{38} \\ &+74932333727547960056386 z^{36} \\ &+27590514463863665921610 z^{34} \\ &+8458075745296698576474 z^{32} \\ &+2148082729116803650048 z^{30} \\ &+449238455314440920616 z^{28} \\ &+76803318016933840968 z^{26} \\ &+10639845843933430295 z^{24} \\ &+1181729357583253734 z^{22} \\ &+103873471290532773 z^{20} \\ &+7112057204455785 z^{18} \\ &+371888246078955 z^{16} + 14484446072280 z^{14} \\ &+406810971918 z^{12} + 7891435206 z^{10} \\ &+99362781 z^8 + 731538 z^6 + 4185 z^4 + 93 z^2 + 1 \end{aligned} $	$ \left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\} $
		$ \begin{aligned} &496 z^{90} + 49569 z^{88} + 9237504 z^{86} + 939071530 z^{84} \\ &+ 59539531488 z^{82} + 2534734191015 z^{80} \\ &+ 76284943736832 z^{78} + 1684434216016764 z^{76} \\ &+ 28073911446745200 z^{74} \\ &+ 361083970116491955 z^{72} \\ &+ 3647947156845264000 z^{70} \\ &+ 29365974460387657314 z^{68} \\ &+ 190586011648884929664 z^{66} \\ &+ 1006913778451194098805 z^{64} \\ &+ 4365458450755245782016 z^{62} \\ &+ 15634624860872465995728 z^{60} \end{aligned} $	

$\{[93, 2, 82]\}$	$x^{11} + x^{10} + x^6 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+46509724383661773863904 z^{58} \\ &+115436297902524585208410 z^{56} \\ &+239908095506158277660160 z^{54} \\ &+418668883744028840826228 z^{52} \\ &+614789523642352802506560 z^{50} \\ &+760724410550949929411190 z^{48} \\ &+793799384950093868743680 z^{46} \\ &+698624458662951308989800 z^{44} \\ &+518351951314506996175968 z^{42} \\ &+323875928928439303301430 z^{40} \\ &+170116649542130805928704 z^{38} \\ &+74932333727722726668660 z^{36} \\ &+27590514462649015847040 z^{34} \\ &+8458075745980242035226 z^{32} \\ &+2148082729037081054208 z^{30} \\ &+449238455180714760144 z^{28} \\ &+76803318122433017904 z^{26} \\ &+10639845804576280725 z^{24} \\ &+1181729364147878400 z^{22} \\ &+103873472278561890 z^{20} \\ &+7112056309224672 z^{18} \\ &+371888501837139 z^{16} + 14484402938880 z^{14} \\ &+406816414588 z^{12} + 7890707760 z^{10} \\ &+99450759 z^8 + 726144 z^6 + 4650 z^4 + 1 \end{aligned} $	$ \left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\} $
		$ \begin{aligned} &z^{96} + 48 z^{94} + 16296 z^{92} + 2232976 z^{90} + 212692116 z^{88} \\ &+ 14173918128 z^{86} + 685531498072 z^{84} \\ &+ 24518800663440 z^{82} + 657924948090498 z^{80} \\ &+ 13424780536079312 z^{78} \\ &+ 211334387315359032 z^{76} \\ &+ 2604767980452826224 z^{74} \\ &+ 25488008795450454852 z^{72} \end{aligned} $	

$\{[96, 2, 85]\}$	$x^{11} + x^8 + x^3 + 1$	$+200463056642994464976 z^{70}$ $+1280774757311164037832 z^{68}$ $+6707160367164731382000 z^{66}$ $+29005641983089736627439 z^{64}$ $+104233966825306742441952 z^{62}$ $+312867507961920461694480 z^{60}$ $+787732467547544670179232 z^{58}$ $+1669386928113956590509096 z^{56}$ $+2985894268061415977981152 z^{54}$ $+4516716944735864022916080 z^{52}$ $+5786635612771295571302304 z^{50}$ $+6284246118866933415862556 z^{48}$ $+5786635612771295571302304 z^{46}$ $+4516716944735864022916080 z^{44}$ $+2985894268061415977981152 z^{42}$ $+1669386928113956590509096 z^{40}$ $+787732467547544670179232 z^{38}$ $+312867507961920461694480 z^{36}$ $+104233966825306742441952 z^{34}$ $+29005641983089736627439 z^{32}$ $+6707160367164731382000 z^{30}$ $+1280774757311164037832 z^{28}$ $+200463056642994464976 z^{26}$ $+25488008795450454852 z^{24}$ $+2604767980452826224 z^{22}$ $+211334387315359032 z^{20}$ $+13424780536079312 z^{18}$ $+657924948090498 z^{16} + 24518800663440 z^{14}$ $+685531498072 z^{12} + 14173918128 z^{10}$ $+212692116 z^8 + 2232976 z^6 + 16296 z^4 + 48 z^2$ $+1$	$\{[48, 2\sqrt{6}]\}$
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$\{[96, 2, 85]\}$

$$x^{11} + x^8 + x^7 + x^4 + x^3 + 1$$

$$\begin{aligned} & z^{96} + 144 z^{94} + 14568 z^{92} + 1667248 z^{90} \\ & + 167574804 z^{88} + 12064403472 z^{86} \\ & + 625889869592 z^{84} + 23498973353136 z^{82} \\ & + 647198880563586 z^{80} \\ & + 13356673765455216 z^{78} \\ & + 211106034583825656 z^{76} \\ & + 2604663647415551568 z^{74} \\ & + 25490043801195305412 z^{72} \\ & + 200468896893424054128 z^{70} \\ & + 1280771928309684741384 z^{68} \\ & + 6707124384872812929744 z^{66} \\ & + 29005615276085045647599 z^{64} \\ & + 104234078585614941056928 z^{62} \\ & + 312867667375439083353744 z^{60} \\ & + 787732260257005188063456 z^{58} \\ & + 1669386481742835115500840 z^{56} \\ & + 2985894495830693192272032 z^{54} \\ & + 4516717731945068969656176 z^{52} \\ & + 5786635510847752874664672 z^{50} \\ & + 6284245173844007051547420 z^{48} \\ & + 5786635510847752874664672 z^{46} \\ & + 4516717731945068969656176 z^{44} \\ & + 2985894495830693192272032 z^{42} \\ & + 1669386481742835115500840 z^{40} \\ & + 787732260257005188063456 z^{38} \\ & + 312867667375439083353744 z^{36} \\ & + 104234078585614941056928 z^{34} \\ & + 29005615276085045647599 z^{32} \\ & + 6707124384872812929744 z^{30} \\ & + 1280771928309684741384 z^{28} \\ & + 200468896893424054128 z^{26} \end{aligned}$$

$\{[48, 2 \sqrt{6}]\}$

		$+25490043801195305412 z^{24}$ $+2604663647415551568 z^{22}$ $+211106034583825656 z^{20}$ $+13356673765455216 z^{18}$ $+647198880563586 z^{16} + 23498973353136 z^{14}$ $+625889869592 z^{12} + 12064403472 z^{10}$ $+167574804 z^8 + 1667248 z^6 + 14568 z^4 + 144 z^2$ $+1$	
$\{[96, 2, 85]\}$	$x^{11} + x^9 + x^8 + x^6 + x^5 + x^3 + x^2 + 1$	$z^{96} + 144 z^{94} + 26856 z^{92} + 2535600 z^{90}$ $+ 195714324 z^{88} + 12616232976 z^{86}$ $+ 633421614872 z^{84} + 23562767439024 z^{82}$ $+ 647443297091970 z^{80}$ $+ 13356377504232816 z^{78}$ $+ 211100938815732984 z^{76}$ $+ 2604657711781447248 z^{74}$ $+ 25490088305697405380 z^{72}$ $+ 200468977163474005872 z^{70}$ $+ 1280771677801041466632 z^{68}$ $+ 6707123894735946408656 z^{66}$ $+ 29005616337503781345519 z^{64}$ $+ 104234080440572969643936 z^{62}$ $+ 312867663762083625506448 z^{60}$ $+ 787732255752954071818464 z^{58}$ $+ 1669386491381821277136168 z^{56}$ $+ 2985894502041038448658592 z^{54}$ $+ 4516717713820614770761584 z^{52}$ $+ 5786635507702535071048416 z^{50}$ $+ 6284245196340512436048668 z^{48}$ $+ 5786635507702535071048416 z^{46}$ $+ 4516717713820614770761584 z^{44}$ $+ 2985894502041038448658592 z^{42}$	$\{[48, 2\sqrt{6}]\}$

		$ \begin{aligned} &+1669386491381821277136168 z^{40} \\ &+787732255752954071818464 z^{38} \\ &+312867663762083625506448 z^{36} \\ &+104234080440572969643936 z^{34} \\ &+29005616337503781345519 z^{32} \\ &+6707123894735946408656 z^{30} \\ &+1280771677801041466632 z^{28} \\ &+200468977163474005872 z^{26} \\ &+25490088305697405380 z^{24} \\ &+2604657711781447248 z^{22} \\ &+211100938815732984 z^{20} \\ &+13356377504232816 z^{18} \\ &+647443297091970 z^{16} + 23562767439024 z^{14} \\ &+633421614872 z^{12} + 12616232976 z^{10} \\ &+195714324 z^8 + 2535600 z^6 + 26856 z^4 + 144 z^2 \\ &+1 \end{aligned} $	
		$ \begin{aligned} &z^{96} + 336 z^{94} + 52584 z^{92} + 5088496 z^{90} \\ &+ 340902420 z^{88} + 16778461392 z^{86} \\ &+ 697143811736 z^{84} + 24086195971824 z^{82} \\ &+ 649301193301890 z^{80} \\ &+ 13353812680444080 z^{78} \\ &+ 211062084058649208 z^{76} \\ &+ 2604609660006003216 z^{74} \\ &+ 25490424412706175684 z^{72} \\ &+ 200469664661677167792 z^{70} \\ &+ 1280769721408870056840 z^{68} \\ &+ 6707119628437723657872 z^{66} \\ &+ 29005625236650185900271 z^{64} \\ &+ 104234095897195763007264 z^{62} \\ &+ 312867632544111155301264 z^{60} \\ &+ 787732221647520134640480 z^{58} \end{aligned} $	

$\{[96, 2, 85]\}$	$\begin{aligned} &x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x \\ &\quad + 1 \end{aligned}$	$\begin{aligned} &+1669386570798780539682600 z^{56} \\ &+2985894545241090395152416 z^{54} \\ &+4516717572895728703795824 z^{52} \\ &+5786635486780183293876576 z^{50} \\ &+6284245367308454488393500 z^{48} \\ &+5786635486780183293876576 z^{46} \\ &+4516717572895728703795824 z^{44} \\ &+2985894545241090395152416 z^{42} \\ &+1669386570798780539682600 z^{40} \\ &+787732221647520134640480 z^{38} \\ &+312867632544111155301264 z^{36} \\ &+104234095897195763007264 z^{34} \\ &+29005625236650185900271 z^{32} \\ &+6707119628437723657872 z^{30} \\ &+1280769721408870056840 z^{28} \\ &+200469664661677167792 z^{26} \\ &+25490424412706175684 z^{24} \\ &+2604609660006003216 z^{22} \\ &+211062084058649208 z^{20} \\ &+13353812680444080 z^{18} \\ &+649301193301890 z^{16} + 24086195971824 z^{14} \\ &+697143811736 z^{12} + 16778461392 z^{10} \\ &+340902420 z^8 + 5088496 z^6 + 52584 z^4 + 336 z^2 \\ &+ 1 \end{aligned}$	$\{[48, 2\sqrt{6}]\}$
		$\begin{aligned} &z^{96} + 240 z^{94} + 32424 z^{92} + 2946256 z^{90} \\ &+ 225513108 z^{88} + 14220049008 z^{86} \\ &+ 684954283864 z^{84} + 24516501766608 z^{82} \\ &+ 657941572405890 z^{80} \\ &+ 13424814471774992 z^{78} \\ &+ 211334053088000568 z^{76} \\ &+ 2604768128550680112 z^{74} \end{aligned}$	

$\{[96, 2, 85]\}$

$$x^{11} + x^{10} + x^9 + x^8 + x^3 + x^2 + x + 1$$

$$\begin{aligned} &+25488012057940503876 z^{72} \\ &+200463048854283109392 z^{70} \\ &+1280774750584060167624 z^{68} \\ &+6707160422184540273840 z^{66} \\ &+29005641916285048997103 z^{64} \\ &+104233966731237866186592 z^{62} \\ &+312867508315726646414352 z^{60} \\ &+787732467286094515863072 z^{58} \\ &+1669386927658307794485288 z^{56} \\ &+2985894269183938903152736 z^{54} \\ &+4516716944086952691222000 z^{52} \\ &+5786635611956880797668896 z^{50} \\ &+6284246120509616239601948 z^{48} \\ &+5786635611956880797668896 z^{46} \\ &+4516716944086952691222000 z^{44} \\ &+2985894269183938903152736 z^{42} \\ &+1669386927658307794485288 z^{40} \\ &+787732467286094515863072 z^{38} \\ &+312867508315726646414352 z^{36} \\ &+104233966731237866186592 z^{34} \\ &+29005641916285048997103 z^{32} \\ &+6707160422184540273840 z^{30} \\ &+1280774750584060167624 z^{28} \\ &+200463048854283109392 z^{26} \\ &+25488012057940503876 z^{24} \\ &+2604768128550680112 z^{22} \\ &+211334053088000568 z^{20} \\ &+13424814471774992 z^{18} \\ &+657941572405890 z^{16} + 24516501766608 z^{14} \\ &+684954283864 z^{12} + 14220049008 z^{10} \\ &+225513108 z^8 + 2946256 z^6 + 32424 z^4 + 240 z^2 \end{aligned}$$

 $\{[48, 2 \sqrt{6}]\}$

		+1	
$\{[96, 2, 85]\}$	$x^{11} + x^{10} + x^7 + x^6 + x^5 + x^4 + x + 1$	$z^{96} + 144 z^{94} + 19176 z^{92} + 1779888 z^{90}$ $+ 156991764 z^{88} + 11569694736 z^{86}$ $+ 617592159512 z^{84} + 23432205288624 z^{82}$ $+ 646976364845442 z^{80}$ $+ 13357013490132336 z^{78}$ $+ 211110700222153464 z^{76}$ $+ 2604669732925193808 z^{74}$ $+ 25490003672100769220 z^{72}$ $+ 200468806582987327344 z^{70}$ $+ 1280772168385008557832 z^{68}$ $+ 6707124951169323082448 z^{66}$ $+ 29005614124636592896239 z^{64}$ $+ 104234076594612323069856 z^{62}$ $+ 312867671496797700033168 z^{60}$ $+ 787732264344664581345504 z^{58}$ $+ 1669386471576560538250536 z^{56}$ $+ 2985894491070540082296992 z^{54}$ $+ 4516717749170177180617584 z^{52}$ $+ 5786635513028905164260064 z^{50}$ $+ 6284245153377757369066268 z^{48}$ $+ 5786635513028905164260064 z^{46}$ $+ 4516717749170177180617584 z^{44}$ $+ 2985894491070540082296992 z^{42}$ $+ 1669386471576560538250536 z^{40}$ $+ 787732264344664581345504 z^{38}$ $+ 312867671496797700033168 z^{36}$ $+ 104234076594612323069856 z^{34}$ $+ 29005614124636592896239 z^{32}$ $+ 6707124951169323082448 z^{30}$ $+ 1280772168385008557832 z^{28}$	$\{[48, 2\sqrt{6}]\}$

		$+200468806582987327344 z^{26}$ $+25490003672100769220 z^{24}$ $+2604669732925193808 z^{22}$ $+211110700222153464 z^{20}$ $+13357013490132336 z^{18}$ $+646976364845442 z^{16} + 23432205288624 z^{14}$ $+617592159512 z^{12} + 11569694736 z^{10}$ $+156991764 z^8 + 1779888 z^6 + 19176 z^4 + 144 z^2$ $+1$	
$\{[98, 2, 87]\}$	$x^{11} + x^9 + x^8 + x^7 + x^4 + x^2 + x + 1$	$823543 z^{92} + 163061514 z^{90} + 14874010123 z^{88}$ $+ 829840515672 z^{86} + 32398481742599 z^{84}$ $+ 929884570371666 z^{82}$ $+ 20108446093079379 z^{80}$ $+ 334157561372184704 z^{78}$ $+ 4343686986189445545 z^{76}$ $+ 44854526226284884662 z^{74}$ $+ 372781160563449567013 z^{72}$ $+ 2520713591609259961992 z^{70}$ $+ 13994282411610082246049 z^{68}$ $+ 64272089232315253562686 z^{66}$ $+ 245746281461645024645893 z^{64}$ $+ 786388254362935919678592 z^{62}$ $+ 2115306010259878380564102 z^{60}$ $+ 4800117116818061723626788 z^{58}$ $+ 9215555960123477611260558 z^{56}$ $+ 15002068436221966396267376 z^{54}$ $+ 20741990193010942470867910 z^{52}$ $+ 24382870772640132148722228 z^{50}$ $+ 24382870800576529388587902 z^{48}$ $+ 20741990200403248428450176 z^{46}$ $+ 15002068409616108718130002 z^{44}$	$\left\{ \left[49, \frac{7\sqrt{2}}{2} \right] \right\}$

		$+9215555969955282242553580 z^{42}$ $+4800117127146230563678858 z^{40}$ $+2115306000738607528872720 z^{38}$ $+786388253980506762829090 z^{36}$ $+245746284894874167501244 z^{34}$ $+64272088299185111816618 z^{32}$ $+13994281809491394601344 z^{30}$ $+2520713911642533650771 z^{28}$ $+372781208667813362354 z^{26}$ $+44854474901205432183 z^{24}$ $+4343686147112357304 z^{22}$ $+334162341263707075 z^{20}$ $+20108434654578522 z^{18}$ $+929613674446975 z^{16} + 32382512117760 z^{14}$ $+837234644533 z^{12} + 16204412798 z^{10}$ $+252022337 z^8 + 3504872 z^6 + 40621 z^4 + 294 z^2$ $+1$	
		$823543 z^{92} + 163061514 z^{90} + 14874010123 z^{88}$ $+829840515672 z^{86} + 32398481742599 z^{84}$ $+929884570371666 z^{82}$ $+20108446093079379 z^{80}$ $+334157561372184704 z^{78}$ $+4343686986189445545 z^{76}$ $+44854526226284884662 z^{74}$ $+372781160563449567013 z^{72}$ $+2520713591609259961992 z^{70}$ $+13994282411610082246049 z^{68}$ $+64272089232315253562686 z^{66}$ $+245746281461645024645893 z^{64}$ $+786388254362935919678592 z^{62}$ $+2115306010259878380564102 z^{60}$	

$\{[98, 2, 87]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} &+4800117116818061723626788 z^{58} \\ &+9215555960123477611260558 z^{56} \\ &+15002068436221966396267376 z^{54} \\ &+20741990193010942470867910 z^{52} \\ &+24382870772640132148722228 z^{50} \\ &+24382870800576529388587902 z^{48} \\ &+20741990200403248428450176 z^{46} \\ &+15002068409616108718130002 z^{44} \\ &+9215555969955282242553580 z^{42} \\ &+4800117127146230563678858 z^{40} \\ &+2115306000738607528872720 z^{38} \\ &+786388253980506762829090 z^{36} \\ &+245746284894874167501244 z^{34} \\ &+64272088299185111816618 z^{32} \\ &+13994281809491394601344 z^{30} \\ &+2520713911642533650771 z^{28} \\ &+372781208667813362354 z^{26} \\ &+44854474901205432183 z^{24} \\ &+4343686147112357304 z^{22} \\ &+334162341263707075 z^{20} \\ &+20108434654578522 z^{18} \\ &+929613674446975 z^{16} + 32382512117760 z^{14} \\ &+837234644533 z^{12} + 16204412798 z^{10} \\ &+252022337 z^8 + 3504872 z^6 + 40621 z^4 + 294 z^2 \\ &+1 \end{aligned} $	$\left\{ \left[49, \frac{7\sqrt{2}}{2} \right] \right\}$
		$ \begin{aligned} &31381059609 z^{88} + 3221788786524 z^{86} \\ &+155182826550906 z^{84} \\ &+4662235211127516 z^{82} \\ &+97994324062074231 z^{80} \\ &+1532341693673056728 z^{78} \\ &+18510982820198848188 z^{76} \end{aligned} $	

$\{[99, 2, 88]\}$ $x^{11} + 1$
$$\begin{aligned} &+177133109814216912312 z^{74} \\ &+1366435923101148397707 z^{72} \\ &+8607109466637603582012 z^{70} \\ &+44698748520875752905426 z^{68} \\ &+192823095332930479748316 z^{66} \\ &+695094833666395085464629 z^{64} \\ &+2104073988975058951138464 z^{62} \\ &+5369608803374909678203344 z^{60} \\ &+11590617344037192608346144 z^{58} \\ &+21217323284338745324855754 z^{56} \\ &+33004493027354221513060536 z^{54} \\ &+43690371729696987182486676 z^{52} \\ &+49263285281659191896957496 z^{50} \\ &+47331625990054561365759318 z^{48} \\ &+38744627691856419068419728 z^{46} \\ &+27003676440720766815707112 z^{44} \\ &+16005841320458622132883152 z^{42} \\ &+8054398776023108335135782 z^{40} \\ &+3433079278413780475031640 z^{38} \\ &+1235786470463810678171220 z^{36} \\ &+374291979984805314061080 z^{34} \\ &+94960339247190554029530 z^{32} \\ &+20074272074048509241760 z^{30} \\ &+3514475178626426757072 z^{28} \\ &+506144694757805766432 z^{26} \\ &+59536595032924779693 z^{24} \\ &+5679336393773326188 z^{22} \\ &+436428516842028018 z^{20} \\ &+26851799136948588 z^{18} \\ &+1314802067477283 z^{16} + 50878069578072 z^{14} \\ &+1541168337852 z^{12} + 36033197112 z^{10} \end{aligned}$$
 $\left\{ \left[\frac{99}{2}, \frac{3\sqrt{11}}{2} \right] \right\}$

		$+636310719 z^8 + 8198124 z^6 + 72666 z^4 + 396 z^2 + 1$	
$\{[99, 2, 88]\}$	$x^{11} + x^9 + x^6 + x^5 + x^2 + 1$	$297 z^{96} + 67122 z^{94} + 14511816 z^{92} + 1691068115 z^{90}$ $+ 123094322316 z^{88} + 6041155604616 z^{86}$ $+ 210291034958400 z^{84}$ $+ 5390244761421861 z^{82}$ $+ 104684252345180442 z^{80}$ $+ 1575248769563806722 z^{78}$ $+ 18697517558073347400 z^{76}$ $+ 177626418784470243225 z^{74}$ $+ 1366863120440703395532 z^{72}$ $+ 8605177683720844663404 z^{70}$ $+ 44691406671641134070160 z^{68}$ $+ 192816334080963102198399 z^{66}$ $+ 695110985927008230037887 z^{64}$ $+ 2104119741107556859700772 z^{62}$ $+ 5369622713228611277853072 z^{60}$ $+ 11590527076060507774074414 z^{58}$ $+ 21217210694020142083010520 z^{56}$ $+ 33004549968597114735056064 z^{54}$ $+ 43690574472608496698667072 z^{52}$ $+ 49263351828930614284286850 z^{50}$ $+ 47331455678740039651340364 z^{48}$ $+ 38744471702148086360853972 z^{46}$ $+ 27003722701574859338369232 z^{44}$ $+ 16005965962142507678085858 z^{42}$ $+ 8054434069827659968795704 z^{40}$ $+ 3433037472369091342704168 z^{38}$ $+ 1235752863841385624067168 z^{36}$ $+ 374290530875582295461454 z^{34}$ $+ 94969239176609299323063 z^{32}$	$\left\{ \left[\frac{99}{2}, \frac{3\sqrt{11}}{2} \right] \right\}$

		$+20078747925142568890602 z^{30}$ $+3514790884189674791592 z^{28}$ $+505552113497708380719 z^{26}$ $+59208806083493861916 z^{24}$ $+5584972820891485464 z^{22}$ $+418737009503907072 z^{20}$ $+24555564813751081 z^{18}$ $+1104026349634362 z^{16} + 37110150558954 z^{14}$ $+902694835944 z^{12} + 15215926869 z^{10}$ $+167126652 z^8 + 1077516 z^6 + 4752 z^4 + 99 z^2 + 1$	
$\{[99, 2, 88]\}$	$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x + 1$	$297 z^{96} + 67122 z^{94} + 14511816 z^{92} + 1691068115 z^{90}$ $+123094322316 z^{88} + 6041155604616 z^{86}$ $+210291034958400 z^{84}$ $+5390244761421861 z^{82}$ $+104684252345180442 z^{80}$ $+1575248769563806722 z^{78}$ $+18697517558073347400 z^{76}$ $+177626418784470243225 z^{74}$ $+1366863120440703395532 z^{72}$ $+8605177683720844663404 z^{70}$ $+44691406671641134070160 z^{68}$ $+192816334080963102198399 z^{66}$ $+695110985927008230037887 z^{64}$ $+2104119741107556859700772 z^{62}$ $+5369622713228611277853072 z^{60}$ $+11590527076060507774074414 z^{58}$ $+21217210694020142083010520 z^{56}$ $+33004549968597114735056064 z^{54}$ $+43690574472608496698667072 z^{52}$ $+49263351828930614284286850 z^{50}$ $+47331455678740039651340364 z^{48}$	$\left\{ \left[\frac{99}{2}, \frac{3\sqrt{11}}{2} \right] \right\}$

		$+38744471702148086360853972 z^{46}$ $+27003722701574859338369232 z^{44}$ $+16005965962142507678085858 z^{42}$ $+8054434069827659968795704 z^{40}$ $+3433037472369091342704168 z^{38}$ $+1235752863841385624067168 z^{36}$ $+374290530875582295461454 z^{34}$ $+94969239176609299323063 z^{32}$ $+20078747925142568890602 z^{30}$ $+3514790884189674791592 z^{28}$ $+505552113497708380719 z^{26}$ $+59208806083493861916 z^{24}$ $+5584972820891485464 z^{22}$ $+418737009503907072 z^{20}$ $+24555564813751081 z^{18}$ $+1104026349634362 z^{16} + 37110150558954 z^{14}$ $+902694835944 z^{12} + 15215926869 z^{10}$ $+167126652 z^8 + 1077516 z^6 + 4752 z^4 + 99 z^2 + 1$	
		$z^{100} + 200 z^{98} + 47225 z^{96} + 5884000 z^{94}$ $+ 508643500 z^{92} + 31722540000 z^{90}$ $+ 1480001725500 z^{88} + 52730607012000 z^{86}$ $+ 1454649442456650 z^{84}$ $+ 31375807176150800 z^{82}$ $+ 533458224031848170 z^{80}$ $+ 7206996963136551200 z^{78}$ $+ 78034306135660281100 z^{76}$ $+ 683268585689222140000 z^{74}$ $+ 4880982005827910717500 z^{72}$ $+ 28681613773056856620000 z^{70}$ $+ 139659211105087072146375 z^{68}$ $+ 567114331680229491363000 z^{66}$	

{[100, 2, 89]}	$x^{11} + x^{10} + x + 1$	$ \begin{aligned} &+1930879784342536531135775 z^{64} \\ &+5537153583745277828964800 z^{62} \\ &+13424011898547523956983960 z^{60} \\ &+27596461964060939726603200 z^{58} \\ &+48220993895301950632588600 z^{56} \\ &+71749111337062660550056000 z^{54} \\ &+91022000570289856102171500 z^{52} \\ &+98526583146396821100300000 z^{50} \\ &+91022000570289856102171500 z^{48} \\ &+71749111337062660550056000 z^{46} \\ &+48220993895301950632588600 z^{44} \\ &+27596461964060939726603200 z^{42} \\ &+13424011898547523956983960 z^{40} \\ &+5537153583745277828964800 z^{38} \\ &+1930879784342536531135775 z^{36} \\ &+567114331680229491363000 z^{34} \\ &+139659211105087072146375 z^{32} \\ &+28681613773056856620000 z^{30} \\ &+4880982005827910717500 z^{28} \\ &+683268585689222140000 z^{26} \\ &+78034306135660281100 z^{24} \\ &+7206996963136551200 z^{22} \\ &+533458224031848170 z^{20} \\ &+31375807176150800 z^{18} \\ &+1454649442456650 z^{16} + 52730607012000 z^{14} \\ &+1480001725500 z^{12} + 31722540000 z^{10} \\ &+508643500 z^8 + 5884000 z^6 + 47225 z^4 + 200 z^2 \\ &+1 \end{aligned} $	{[50, 5]}
		$ \begin{aligned} &z^{102} + 51 z^{100} + 7803 z^{98} + 1385177 z^{96} \\ &+ 214218156 z^{94} + 20796098436 z^{92} \\ &+ 1319317950964 z^{90} + 58065204566268 z^{88} \end{aligned} $	

$\{[102, 2, 91]\}$

$$x^{11} + x^7 + x^6 + x^5 + x^4 + 1$$

$$\begin{aligned}
&+1852269375035946 z^{86} \\
&+44248666540841758 z^{84} \\
&+811846745444271486 z^{82} \\
&+11671614291556620618 z^{80} \\
&+133631526068870648268 z^{78} \\
&+1234755305927734380132 z^{76} \\
&+9309663005113219370292 z^{74} \\
&+57805516743109067838012 z^{72} \\
&+297884880670387157466279 z^{70} \\
&+1282338657295505325265797 z^{68} \\
&+4636773748308160766532589 z^{66} \\
&+14147766273285901580828127 z^{64} \\
&+36566534367470392637957016 z^{62} \\
&+80310472113216186242234824 z^{60} \\
&+150263779746316837624496424 z^{58} \\
&+239986500406021681428963768 z^{56} \\
&+327641144172401951575045932 z^{54} \\
&+382738348824191673217100100 z^{52} \\
&+382738348824191673217100100 z^{50} \\
&+327641144172401951575045932 z^{48} \\
&+239986500406021681428963768 z^{46} \\
&+150263779746316837624496424 z^{44} \\
&+80310472113216186242234824 z^{42} \\
&+36566534367470392637957016 z^{40} \\
&+14147766273285901580828127 z^{38} \\
&+4636773748308160766532589 z^{36} \\
&+1282338657295505325265797 z^{34} \\
&+297884880670387157466279 z^{32} \\
&+57805516743109067838012 z^{30} \\
&+9309663005113219370292 z^{28} \\
&+1234755305927734380132 z^{26}
\end{aligned}$$

$$\left\{ \left[51, \frac{\sqrt{102}}{2} \right] \right\}$$

		$+133631526068870648268 z^{24}$ $+11671614291556620618 z^{22}$ $+811846745444271486 z^{20}$ $+44248666540841758 z^{18}$ $+1852269375035946 z^{16} + 58065204566268 z^{14}$ $+1319317950964 z^{12} + 20796098436 z^{10}$ $+214218156 z^8 + 1385177 z^6 + 7803 z^4 + 51 z^2 + 1$	
$\{[102, 2, 91]\}$	$x^{11} + x^8 + x^7 + x^6 + x + 1$	$z^{102} + 51 z^{100} + 4539 z^{98} + 1305753 z^{96}$ $+214162668 z^{94} + 20801911620 z^{92}$ $+1319329889588 z^{90} + 58064822642364 z^{88}$ $+1852270587073386 z^{86}$ $+44248670541451486 z^{84}$ $+811846712120871486 z^{82}$ $+11671614334486429578 z^{80}$ $+133631526357127077516 z^{78}$ $+1234755304547193968292 z^{76}$ $+9309663006930973065204 z^{74}$ $+57805516747592544962172 z^{72}$ $+297884880646310933540199 z^{70}$ $+1282338657340735759152069 z^{68}$ $+4636773748284782605337709 z^{66}$ $+14147766273203266193241951 z^{64}$ $+36566534367693135446320152 z^{62}$ $+80310472112985162278569800 z^{60}$ $+150263779746297912353558952 z^{58}$ $+239986500406417968563612472 z^{56}$ $+327641144171854516755932076 z^{54}$ $+382738348824449663265043140 z^{52}$ $+382738348824449663265043140 z^{50}$ $+327641144171854516755932076 z^{48}$ $+239986500406417968563612472 z^{46}$	$\left\{ \left[51, \frac{\sqrt{102}}{2} \right] \right\}$

		$+150263779746297912353558952 z^{44}$ $+80310472112985162278569800 z^{42}$ $+36566534367693135446320152 z^{40}$ $+14147766273203266193241951 z^{38}$ $+4636773748284782605337709 z^{36}$ $+1282338657340735759152069 z^{34}$ $+297884880646310933540199 z^{32}$ $+57805516747592544962172 z^{30}$ $+9309663006930973065204 z^{28}$ $+1234755304547193968292 z^{26}$ $+133631526357127077516 z^{24}$ $+11671614334486429578 z^{22}$ $+811846712120871486 z^{20}$ $+44248670541451486 z^{18}$ $+1852270587073386 z^{16} + 58064822642364 z^{14}$ $+1319329889588 z^{12} + 20801911620 z^{10}$ $+214162668 z^8 + 1305753 z^6 + 4539 z^4 + 51 z^2 + 1$	
		$z^{102} + 51 z^{100} + 7803 z^{98} + 1385177 z^{96}$ $+ 214218156 z^{94} + 20796098436 z^{92}$ $+ 1319317950964 z^{90} + 58065204566268 z^{88}$ $+ 1852269375035946 z^{86}$ $+ 44248666540841758 z^{84}$ $+ 811846745444271486 z^{82}$ $+ 11671614291556620618 z^{80}$ $+ 133631526068870648268 z^{78}$ $+ 1234755305927734380132 z^{76}$ $+ 9309663005113219370292 z^{74}$ $+ 57805516743109067838012 z^{72}$ $+ 297884880670387157466279 z^{70}$ $+ 1282338657295505325265797 z^{68}$ $+ 4636773748308160766532589 z^{66}$	

$\{[102, 2, 91]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^5 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+14147766273285901580828127 z^{64} \\ &+36566534367470392637957016 z^{62} \\ &+80310472113216186242234824 z^{60} \\ &+150263779746316837624496424 z^{58} \\ &+239986500406021681428963768 z^{56} \\ &+327641144172401951575045932 z^{54} \\ &+382738348824191673217100100 z^{52} \\ &+382738348824191673217100100 z^{50} \\ &+327641144172401951575045932 z^{48} \\ &+239986500406021681428963768 z^{46} \\ &+150263779746316837624496424 z^{44} \\ &+80310472113216186242234824 z^{42} \\ &+36566534367470392637957016 z^{40} \\ &+14147766273285901580828127 z^{38} \\ &+4636773748308160766532589 z^{36} \\ &+1282338657295505325265797 z^{34} \\ &+297884880670387157466279 z^{32} \\ &+57805516743109067838012 z^{30} \\ &+9309663005113219370292 z^{28} \\ &+1234755305927734380132 z^{26} \\ &+133631526068870648268 z^{24} \\ &+11671614291556620618 z^{22} \\ &+811846745444271486 z^{20} \\ &+44248666540841758 z^{18} \\ &+1852269375035946 z^{16} + 58065204566268 z^{14} \\ &+1319317950964 z^{12} + 20796098436 z^{10} \\ &+214218156 z^8 + 1385177 z^6 + 7803 z^4 + 51 z^2 + 1 \end{aligned} $	$\left\{ \left[51, \frac{\sqrt{102}}{2} \right] \right\}$
		$ \begin{aligned} &z^{102} + 51 z^{100} + 4539 z^{98} + 1305753 z^{96} \\ &+ 214162668 z^{94} + 20801911620 z^{92} \\ &+ 1319329889588 z^{90} + 58064822642364 z^{88} \\ &+ 1852270587073386 z^{86} \end{aligned} $	

$$\{[102, 2, 91]\}$$

$$x^{11} + x^{10} + x^9 + x^6 + x^5 + x^3 + x + 1$$

$$\begin{aligned}
&+44248670541451486 z^{84} \\
&+811846712120871486 z^{82} \\
&+11671614334486429578 z^{80} \\
&+133631526357127077516 z^{78} \\
&+1234755304547193968292 z^{76} \\
&+9309663006930973065204 z^{74} \\
&+57805516747592544962172 z^{72} \\
&+297884880646310933540199 z^{70} \\
&+1282338657340735759152069 z^{68} \\
&+4636773748284782605337709 z^{66} \\
&+14147766273203266193241951 z^{64} \\
&+36566534367693135446320152 z^{62} \\
&+80310472112985162278569800 z^{60} \\
&+150263779746297912353558952 z^{58} \\
&+239986500406417968563612472 z^{56} \\
&+327641144171854516755932076 z^{54} \\
&+382738348824449663265043140 z^{52} \\
&+382738348824449663265043140 z^{50} \\
&+327641144171854516755932076 z^{48} \\
&+239986500406417968563612472 z^{46} \\
&+150263779746297912353558952 z^{44} \\
&+80310472112985162278569800 z^{42} \\
&+36566534367693135446320152 z^{40} \\
&+14147766273203266193241951 z^{38} \\
&+4636773748284782605337709 z^{36} \\
&+1282338657340735759152069 z^{34} \\
&+297884880646310933540199 z^{32} \\
&+57805516747592544962172 z^{30} \\
&+9309663006930973065204 z^{28} \\
&+1234755304547193968292 z^{26} \\
&+133631526357127077516 z^{24}
\end{aligned}$$

$$\left\{ \left[51, \frac{\sqrt{102}}{2} \right] \right\}$$

		$+11671614334486429578 z^{22}$ $+811846712120871486 z^{20}$ $+44248670541451486 z^{18}$ $+1852270587073386 z^{16} + 58064822642364 z^{14}$ $+1319329889588 z^{12} + 20801911620 z^{10}$ $+214162668 z^8 + 1305753 z^6 + 4539 z^4 + 51 z^2 + 1$	
$\{[102, 2, 91]\}$	$x^{11} + x^{10} + x^8 + x^6 + x^5 + x^2 + x + 1$	$z^{102} + 51 z^{100} + 4539 z^{98} + 1305753 z^{96}$ $+214162668 z^{94} + 20801911620 z^{92}$ $+1319329889588 z^{90} + 58064822642364 z^{88}$ $+1852270587073386 z^{86}$ $+44248670541451486 z^{84}$ $+811846712120871486 z^{82}$ $+11671614334486429578 z^{80}$ $+133631526357127077516 z^{78}$ $+1234755304547193968292 z^{76}$ $+9309663006930973065204 z^{74}$ $+57805516747592544962172 z^{72}$ $+297884880646310933540199 z^{70}$ $+1282338657340735759152069 z^{68}$ $+4636773748284782605337709 z^{66}$ $+14147766273203266193241951 z^{64}$ $+36566534367693135446320152 z^{62}$ $+80310472112985162278569800 z^{60}$ $+150263779746297912353558952 z^{58}$ $+239986500406417968563612472 z^{56}$ $+327641144171854516755932076 z^{54}$ $+382738348824449663265043140 z^{52}$ $+382738348824449663265043140 z^{50}$ $+327641144171854516755932076 z^{48}$ $+239986500406417968563612472 z^{46}$ $+150263779746297912353558952 z^{44}$	$\left\{ \left[51, \frac{\sqrt{102}}{2} \right] \right\}$

		$+80310472112985162278569800 z^{42}$ $+36566534367693135446320152 z^{40}$ $+14147766273203266193241951 z^{38}$ $+4636773748284782605337709 z^{36}$ $+1282338657340735759152069 z^{34}$ $+297884880646310933540199 z^{32}$ $+57805516747592544962172 z^{30}$ $+9309663006930973065204 z^{28}$ $+1234755304547193968292 z^{26}$ $+133631526357127077516 z^{24}$ $+11671614334486429578 z^{22}$ $+811846712120871486 z^{20}$ $+44248670541451486 z^{18}$ $+1852270587073386 z^{16} + 58064822642364 z^{14}$ $+1319329889588 z^{12} + 20801911620 z^{10}$ $+214162668 z^8 + 1305753 z^6 + 4539 z^4 + 51 z^2 + 1$	
		$z^{102} + 51 z^{100} + 4539 z^{98} + 1305753 z^{96}$ $+214162668 z^{94} + 20801911620 z^{92}$ $+1319329889588 z^{90} + 58064822642364 z^{88}$ $+1852270587073386 z^{86}$ $+44248670541451486 z^{84}$ $+811846712120871486 z^{82}$ $+11671614334486429578 z^{80}$ $+133631526357127077516 z^{78}$ $+1234755304547193968292 z^{76}$ $+9309663006930973065204 z^{74}$ $+57805516747592544962172 z^{72}$ $+297884880646310933540199 z^{70}$ $+1282338657340735759152069 z^{68}$ $+4636773748284782605337709 z^{66}$ $+14147766273203266193241951 z^{64}$	

$\{[102, 2, 91]\}$	$x^{11} + x^{10} + x^5 + x^4 + x^3 + 1$	$ \begin{aligned} &+36566534367693135446320152 z^{62} \\ &+80310472112985162278569800 z^{60} \\ &+150263779746297912353558952 z^{58} \\ &+239986500406417968563612472 z^{56} \\ &+327641144171854516755932076 z^{54} \\ &+382738348824449663265043140 z^{52} \\ &+382738348824449663265043140 z^{50} \\ &+327641144171854516755932076 z^{48} \\ &+239986500406417968563612472 z^{46} \\ &+150263779746297912353558952 z^{44} \\ &+80310472112985162278569800 z^{42} \\ &+36566534367693135446320152 z^{40} \\ &+14147766273203266193241951 z^{38} \\ &+4636773748284782605337709 z^{36} \\ &+1282338657340735759152069 z^{34} \\ &+297884880646310933540199 z^{32} \\ &+57805516747592544962172 z^{30} \\ &+9309663006930973065204 z^{28} \\ &+1234755304547193968292 z^{26} \\ &+133631526357127077516 z^{24} \\ &+11671614334486429578 z^{22} \\ &+811846712120871486 z^{20} \\ &+44248670541451486 z^{18} \\ &+1852270587073386 z^{16} + 58064822642364 z^{14} \\ &+1319329889588 z^{12} + 20801911620 z^{10} \\ &+214162668 z^8 + 1305753 z^6 + 4539 z^4 + 51 z^2 + 1 \end{aligned} $	$ \left\{ \left[51, \frac{\sqrt{102}}{2} \right] \right\} $
		$ \begin{aligned} &z^{105} + 6720 z^{101} + 37800 z^{100} + 974820 z^{99} \\ &+ 10431540 z^{98} + 143394300 z^{97} \\ &+ 1437014985 z^{96} + 14233126236 z^{95} \\ &+ 121083938220 z^{94} + 954638057240 z^{93} \\ &+ 6812691769800 z^{92} + 44807303678340 z^{91} \end{aligned} $	

+271774067409684 z^{90}
+1528757004409530 z^{89}
+8003666586418860 z^{88}
+39128248651443420 z^{87}
+179167890293939820 z^{86}
+770419820768967096 z^{85}
+3118365777658929560 z^{84}
+11906496674571857820 z^{83}
+42966899733813240780 z^{82}
+146803602443009304380 z^{81}
+475643669643124884762 z^{80}
+1463518897779981054180 z^{79}
+4282148089364474522900 z^{78}
+11928840907493178215400 z^{77}
+31673129233136759819640 z^{76}
+80238594702449312938844 z^{75}
+194125631173606352530380 z^{74}
+448915522800840128698455 z^{73}
+993055551592819975220940 z^{72}
+2102941164635528995018500 z^{71}
+4265966366673260617677684 z^{70}
+8294934601475052939525320 z^{69}
+15468932087279138662234320 z^{68}
+27681246905057357222047080 z^{67}
+47554962624885753550874760 z^{66}
+78465688322783746511228856 z^{65}
+124396822975530987178924095 z^{64}
+189557063558336406787623960 z^{63}
+277723139628147043575480120 z^{62}
+391337151329849104818451440 z^{61}
+530479249536026274517576144 z^{60}

+691929455932657037450205480 z^{59}
 +868592295782788987779735240 z^{58}
 +1049549024003685023501130700 z^{57}
 +1220903966736207790257933720 z^{56}
 +1367412442768402162927760280 z^{55}
 +1474660477425628046492408120 z^{54}
 +1531378188157988864150921520 z^{53}
 +1531378188157988864150921520 z^{52}
 +1474660477425628046492408120 z^{51}
 +1367412442768402162927760280 z^{50}
 +1220903966736207790257933720 z^{49}
 +1049549024003685023501130700 z^{48}
 +868592295782788987779735240 z^{47}
 +691929455932657037450205480 z^{46}
 +530479249536026274517576144 z^{45}
 +391337151329849104818451440 z^{44}
 +277723139628147043575480120 z^{43}
 +189557063558336406787623960 z^{42}
 +124396822975530987178924095 z^{41}
 +78465688322783746511228856 z^{40}
 +47554962624885753550874760 z^{39}
 +27681246905057357222047080 z^{38}
 +15468932087279138662234320 z^{37}
 +8294934601475052939525320 z^{36}
 +4265966366673260617677684 z^{35}
 +2102941164635528995018500 z^{34}
 +993055551592819975220940 z^{33}
 +448915522800840128698455 z^{32}
 +194125631173606352530380 z^{31}
 +80238594702449312938844 z^{30}
 +31673129233136759819640 z^{29}

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+11928840907493178215400 z^{28}$ $+4282148089364474522900 z^{27}$ $+1463518897779981054180 z^{26}$ $+475643669643124884762 z^{25}$ $+146803602443009304380 z^{24}$ $+42966899733813240780 z^{23}$ $+11906496674571857820 z^{22}$ $+3118365777658929560 z^{21}$ $+770419820768967096 z^{20}$ $+179167890293939820 z^{19}$ $+39128248651443420 z^{18}$ $+8003666586418860 z^{17}$ $+1528757004409530 z^{16}$ $+271774067409684 z^{15} + 44807303678340 z^{14}$ $+6812691769800 z^{13} + 954638057240 z^{12}$ $+121083938220 z^{11} + 14233126236 z^{10}$ $+1437014985 z^9 + 143394300 z^8 + 10431540 z^7$ $+974820 z^6 + 37800 z^5 + 6720 z^4 + 1$	
		$35 z^{102} + 98070 z^{100} + 22187340 z^{98} + 2934816605 z^{96}$ $+ 243306292320 z^{94} + 13634513893980 z^{92}$ $+ 543562784929388 z^{90}$ $+ 16007124443002560 z^{88}$ $+ 358334921433025530 z^{86}$ $+ 6236734029177375920 z^{84}$ $+ 85933813359811558260 z^{82}$ $+ 951287314463092546758 z^{80}$ $+ 8564296049149482782280 z^{78}$ $+ 63346258710267819480180 z^{76}$ $+ 388251263062119297693300 z^{74}$ $+ 1986111101379364698845400 z^{72}$ $+ 8531932731319348940998521 z^{70}$	

$\{[105, 2, 94]\}$	$x^{11} + x^6 + x^4 + 1$	$ \begin{aligned} &+30937864183362532592520870 z^{68} \\ &+95109925249267721853707640 z^{66} \\ &+248793645926506842395040135 z^{64} \\ &+555446279277531093732991200 z^{62} \\ &+1060958499105408977488332120 z^{60} \\ &+1737184591503778936072847160 z^{58} \\ &+2441807933467018480298959200 z^{56} \\ &+2949320954931279077647303260 z^{54} \\ &+3062756376276195432143010960 z^{52} \\ &+2734824885481804272231429096 z^{50} \\ &+2099098048068028425633613860 z^{48} \\ &+1383858911875995345862375920 z^{46} \\ &+782674302618678185207047080 z^{44} \\ &+379114127125955177154754920 z^{42} \\ &+156931376661347000166107472 z^{40} \\ &+55362493801786096257789765 z^{38} \\ &+16589869199800191285122370 z^{36} \\ &+4205882332321872846553980 z^{34} \\ &+897831045839646218227515 z^{32} \\ &+160477188727394120045184 z^{30} \\ &+23857681853813419024140 z^{28} \\ &+2927037889627990151580 z^{26} \\ &+293607195964481543200 z^{24} \\ &+23812984400173845450 z^{22} \\ &+1540840174252916544 z^{20} \\ &+78257051928046180 z^{18} \\ &+3057540566936310 z^{16} + 89598255634440 z^{14} \\ &+1905905707300 z^{12} + 28170811620 z^{10} \\ &+272505240 z^8 + 1554175 z^6 + 5250 z^4 + 1 \end{aligned} $	$ \left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\} $
		$ \begin{aligned} &35 z^{102} + 98070 z^{100} + 22187340 z^{98} + 2934816605 z^{96} \\ &+ 243306292320 z^{94} + 13634513893980 z^{92} \end{aligned} $	

$\{[105, 2, 94]\}$

$$x^{11} + x^7 + x^5 + 1$$

$$\begin{aligned}
&+543562784929388 z^{90} \\
&+16007124443002560 z^{88} \\
&+358334921433025530 z^{86} \\
&+6236734029177375920 z^{84} \\
&+85933813359811558260 z^{82} \\
&+951287314463092546758 z^{80} \\
&+8564296049149482782280 z^{78} \\
&+63346258710267819480180 z^{76} \\
&+388251263062119297693300 z^{74} \\
&+1986111101379364698845400 z^{72} \\
&+8531932731319348940998521 z^{70} \\
&+30937864183362532592520870 z^{68} \\
&+95109925249267721853707640 z^{66} \\
&+248793645926506842395040135 z^{64} \\
&+555446279277531093732991200 z^{62} \\
&+1060958499105408977488332120 z^{60} \\
&+1737184591503778936072847160 z^{58} \\
&+2441807933467018480298959200 z^{56} \\
&+2949320954931279077647303260 z^{54} \\
&+3062756376276195432143010960 z^{52} \\
&+2734824885481804272231429096 z^{50} \\
&+2099098048068028425633613860 z^{48} \\
&+1383858911875995345862375920 z^{46} \\
&+782674302618678185207047080 z^{44} \\
&+379114127125955177154754920 z^{42} \\
&+156931376661347000166107472 z^{40} \\
&+55362493801786096257789765 z^{38} \\
&+16589869199800191285122370 z^{36} \\
&+4205882332321872846553980 z^{34} \\
&+897831045839646218227515 z^{32} \\
&+160477188727394120045184 z^{30}
\end{aligned}$$

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+23857681853813419024140 z^{28}$ $+2927037889627990151580 z^{26}$ $+293607195964481543200 z^{24}$ $+23812984400173845450 z^{22}$ $+1540840174252916544 z^{20}$ $+78257051928046180 z^{18}$ $+3057540566936310 z^{16} + 89598255634440 z^{14}$ $+1905905707300 z^{12} + 28170811620 z^{10}$ $+272505240 z^8 + 1554175 z^6 + 5250 z^4 + 1$	
$\{[105, 2, 94]\}$	$x^{11} + x^8 + x^7 + x^5 + x^3 + x^2 + x + 1$	$12353145 z^{98} + 2507688435 z^{96} + 235376824830 z^{94}$ $+ 13570498027170 z^{92} + 543459160104658 z^{90}$ $+ 16008595538644590 z^{88}$ $+ 358340899246104390 z^{86}$ $+ 6236716762285130170 z^{84}$ $+ 85933716176761848360 z^{82}$ $+ 951287488181715454560 z^{80}$ $+ 8564296953418437004690 z^{78}$ $+ 63346257018974711600910 z^{76}$ $+ 388251258005268630954870 z^{74}$ $+ 1986111114126169246561450 z^{72}$ $+ 8531932745400576419502042 z^{70}$ $+ 30937864121703134793159270 z^{68}$ $+ 95109925253122635172083585 z^{66}$ $+ 248793646097880759762994275 z^{64}$ $+ 555446279128842441827008620 z^{62}$ $+ 1060958498873775519592980692 z^{60}$ $+ 1737184591931533066159123860 z^{58}$ $+ 2441807933512601078460398700 z^{56}$ $+ 2949320954361936202781629820 z^{54}$ $+ 3062756376562850223963218820 z^{52}$ $+ 2734824885861354856571878296 z^{50}$	$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$

		$+2099098047645995966336086040 z^{48}$ $+1383858911800399498550009700 z^{46}$ $+782674302906205050875748060 z^{44}$ $+379114127060369424683270220 z^{42}$ $+156931376551688160385171572 z^{40}$ $+55362493859389263363575220 z^{38}$ $+16589869222279628846697420 z^{36}$ $+4205882310775997494777995 z^{34}$ $+897831044232210294124905 z^{32}$ $+160477193458246814025142 z^{30}$ $+23857681584325066486890 z^{28}$ $+2927037229577190580410 z^{26}$ $+293607259518410308870 z^{24}$ $+23813046576287530590 z^{22}$ $+1540836559330196898 z^{20}$ $+78253159169843840 z^{18}$ $+3057351835629000 z^{16} + 89713857901290 z^{14}$ $+1929340182070 z^{12} + 30243979038 z^{10}$ $+373166850 z^8 + 4368210 z^6 + 46830 z^4 + 315 z^2$ $+1$	
		$z^{105} + 210 z^{103} + 21105 z^{101} + 65625 z^{100} + 1351000 z^{99}$ $+ 11156250 z^{98} + 143881500 z^{97}$ $+ 1447315625 z^{96} + 14132160000 z^{95}$ $+ 121370025000 z^{94} + 952920097500 z^{93}$ $+ 6818025007500 z^{92} + 44797296675000 z^{91}$ $+ 271793657870000 z^{90}$ $+ 1528764932756250 z^{89}$ $+ 8003529124951500 z^{88}$ $+ 39128563530437500 z^{87}$ $+ 179167255591821000 z^{86}$ $+ 770420259088856250 z^{85}$	

$\{[105, 2, 94]\}$	$x^{11} + x^8 + x^7 + x^2 + 1$	$ \begin{aligned} &+3118367841296554650 z^{84} \\ &+11906491445522625000 z^{83} \\ &+42966907671160206300 z^{82} \\ &+146803595292343937500 z^{81} \\ &+475643648473681393146 z^{80} \\ &+1463518961337294750000 z^{79} \\ &+4282148029571004862360 z^{78} \\ &+11928840922106881657500 z^{77} \\ &+31673129400738531291180 z^{76} \\ &+80238594229356328045000 z^{75} \\ &+194125631452470456312000 z^{74} \\ &+448915523232980536296375 z^{73} \\ &+993055550574782347355500 z^{72} \\ &+2102941166299879667301750 z^{71} \\ &+4265966366085628458435000 z^{70} \\ &+8294934598127773385200775 z^{69} \\ &+15468932091651209308911375 z^{68} \\ &+27681246903793623150418800 z^{67} \\ &+47554962623331722028086750 z^{66} \\ &+78465688330816574255763960 z^{65} \\ &+124396822964610502055934975 z^{64} \\ &+189557063555866945212516800 z^{63} \\ &+277723139640793102817677200 z^{62} \\ &+391337151319071842625665400 z^{61} \\ &+530479249547443674351720280 z^{60} \\ &+691929455937322145360958000 z^{59} \\ &+868592295753204592698525600 z^{58} \\ &+1049549024021120638443599500 z^{57} \\ &+1220903966741585578763299800 z^{56} \\ &+1367412442755638700255345000 z^{55} \\ &+1474660477455626262495778000 z^{54} \end{aligned} $
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+1531378188136264865198119500 z^{53}
 +1531378188136264865198119500 z^{52}
 +1474660477455626262495778000 z^{51}
 +1367412442755638700255345000 z^{50}
 +1220903966741585578763299800 z^{49}
 +1049549024021120638443599500 z^{48}
 +868592295753204592698525600 z^{47}
 +691929455937322145360958000 z^{46}
 +530479249547443674351720280 z^{45}
 +391337151319071842625665400 z^{44}
 +277723139640793102817677200 z^{43}
 +189557063555866945212516800 z^{42}
 +124396822964610502055934975 z^{41}
 +78465688330816574255763960 z^{40}
 +47554962623331722028086750 z^{39}
 +27681246903793623150418800 z^{38}
 +15468932091651209308911375 z^{37}
 +8294934598127773385200775 z^{36}
 +4265966366085628458435000 z^{35}
 +2102941166299879667301750 z^{34}
 +993055550574782347355500 z^{33}
 +448915523232980536296375 z^{32}
 +194125631452470456312000 z^{31}
 +80238594229356328045000 z^{30}
 +31673129400738531291180 z^{29}
 +11928840922106881657500 z^{28}
 +4282148029571004862360 z^{27}
 +1463518961337294750000 z^{26}
 +475643648473681393146 z^{25}
 +146803595292343937500 z^{24}
 +42966907671160206300 z^{23}

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+11906491445522625000 z^{22}$ $+3118367841296554650 z^{21}$ $+770420259088856250 z^{20}$ $+179167255591821000 z^{19}$ $+39128563530437500 z^{18}$ $+8003529124951500 z^{17}$ $+1528764932756250 z^{16}$ $+271793657870000 z^{15} + 44797296675000 z^{14}$ $+6818025007500 z^{13} + 952920097500 z^{12}$ $+121370025000 z^{11} + 14132160000 z^{10}$ $+1447315625 z^9 + 143881500 z^8 + 11156250 z^7$ $+1351000 z^6 + 65625 z^5 + 21105 z^4 + 210 z^2 + 1$	
		$10678710 z^{98} + 2267446335 z^{96} + 221302756710 z^{94}$ $+13187237290710 z^{92} + 537815914303710 z^{90}$ $+15961296473291610 z^{88}$ $+358130808899176110 z^{86}$ $+6236475058802952110 z^{84}$ $+85935741947655083610 z^{82}$ $+951295942884623587860 z^{80}$ $+8564296489255408581610 z^{78}$ $+63346192243435375466010 z^{76}$ $+388251180766188190448130 z^{74}$ $+1986111387556501887920350 z^{72}$ $+8531933289419863483494642 z^{70}$ $+30937863345067876854579090 z^{68}$ $+95109923154385665117139100 z^{66}$ $+248793647779410723342437595 z^{64}$ $+555446284534030039051859580 z^{62}$ $+1060958495830578644422885468 z^{60}$ $+1737184582126193162666848620 z^{58}$ $+2441807938126338785199928740 z^{56}$	

{[105, 2, 94]}	$x^{11} + x^8 + x^7 + x^4 + x + 1$	$ \begin{aligned} &+2949320967146861984592258700 z^{54} \\ &+3062756371120761498040278540 z^{52} \\ &+2734824873699757562358094068 z^{50} \\ &+2099098052274518051278291840 z^{48} \\ &+1383858920371664181835889940 z^{46} \\ &+782674300239716480948669940 z^{44} \\ &+379114122530267332537774340 z^{42} \\ &+156931377491849776915115100 z^{40} \\ &+55362495651575962335635940 z^{38} \\ &+16589869092206691079877540 z^{36} \\ &+4205881797198767152269390 z^{34} \\ &+897831001148236386177765 z^{32} \\ &+160477290073522892862910 z^{30} \\ &+23857707100915465914990 z^{28} \\ &+2927028529393079567190 z^{26} \\ &+293602210010206544930 z^{24} \\ &+23812683210383194470 z^{22} \\ &+1541146780068638694 z^{20} \\ &+78362510264172050 z^{18} \\ &+3074825978906220 z^{16} + 91296839802210 z^{14} \\ &+2010944808530 z^{12} + 32241497946 z^{10} \\ &+368678310 z^8 + 2893450 z^6 + 16170 z^4 + 1 \end{aligned} $	$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$
		$ \begin{aligned} &64680 z^{100} + 20183940 z^{98} + 2869118385 z^{96} \\ &+ 242201814540 z^{94} + 13625670875040 z^{92} \\ &+ 543546706655428 z^{90} \\ &+ 16007326940806740 z^{88} \\ &+ 358335824461925100 z^{86} \\ &+ 6236731558417465840 z^{84} \\ &+ 85933798935744624060 z^{82} \\ &+ 951287340075835848498 z^{80} \\ &+ 8564296183108217932660 z^{78} \end{aligned} $	

$\{[105, 2, 94]\}$

$$x^{11} + x^9 + x^7 + x^5 + x^4 + x^2 + x + 1$$

$$\begin{aligned} &+63346258447834899267360 z^{76} \\ &+388251262361790234825180 z^{74} \\ &+1986111103256252595408100 z^{72} \\ &+8531932733130192445576116 z^{70} \\ &+30937864174698522472985400 z^{68} \\ &+95109925250283980977715880 z^{66} \\ &+248793645949619798718888015 z^{64} \\ &+555446279257686835086491640 z^{62} \\ &+1060958499072595338975529280 z^{60} \\ &+1737184591562479869385508520 z^{58} \\ &+2441807933475894984397437480 z^{56} \\ &+2949320954850533429036984120 z^{54} \\ &+3062756376313409629632673440 z^{52} \\ &+2734824885539900298818774136 z^{50} \\ &+2099098048006573237124818940 z^{48} \\ &+1383858911863839719186905320 z^{46} \\ &+782674302661369983615401280 z^{44} \\ &+379114127116208736839828280 z^{42} \\ &+156931376645115542747264232 z^{40} \\ &+55362493810588039210078440 z^{38} \\ &+16589869202829053789302680 z^{36} \\ &+4205882329196905305324180 z^{34} \\ &+897831045666260324371935 z^{32} \\ &+160477189394181178883644 z^{30} \\ &+23857681806651975255840 z^{28} \\ &+2927037800371896669780 z^{26} \\ &+293607204391918839940 z^{24} \\ &+23812993000905473820 z^{22} \\ &+1540839757920307824 z^{20} \\ &+78256497790477580 z^{18} \\ &+3057508741086450 z^{16} + 89615026906980 z^{14} \end{aligned}$$

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+1909371698080 z^{12} + 28465014060 z^{10}$ $+284849460 z^8 + 1841700 z^6 + 7560 z^4 + 1$	
		$z^{105} + 210 z^{102} + 6720 z^{101} + 63735 z^{100} + 901285 z^{99}$ $+ 11723145 z^{98} + 138100305 z^{97}$ $+ 1472245460 z^{96} + 14088413031 z^{95}$ $+ 121621706325 z^{94} + 952835834265 z^{93}$ $+ 6816968357955 z^{92} + 44798825670375 z^{91}$ $+ 271782714943229 z^{90}$ $+ 1528775385061155 z^{89}$ $+ 8003568915650595 z^{88}$ $+ 39128523851276755 z^{87}$ $+ 179167418482708005 z^{86}$ $+ 770419981314086061 z^{85}$ $+ 3118366985867774625 z^{84}$ $+ 11906492528276949225 z^{83}$ $+ 42966907344167278815 z^{82}$ $+ 146803598401526253775 z^{81}$ $+ 475643656047945106407 z^{80}$ $+ 1463518940668638000945 z^{79}$ $+ 4282148020838833628035 z^{78}$ $+ 11928840932734099791375 z^{77}$ $+ 31673129373554542536285 z^{76}$ $+ 80238594380453716431049 z^{75}$ $+ 194125631513685805037475 z^{74}$ $+ 448915522845493900062510 z^{73}$ $+ 993055550625881784147925 z^{72}$ $+ 2102941166244578394067725 z^{71}$ $+ 4265966365872469982853069 z^{70}$ $+ 8294934600018315087076595 z^{69}$ $+ 15468932091516584356407270 z^{68}$ $+ 27681246900418422238392780 z^{67}$	

$\{[105, 2, 94]\}$

$$x^{11} + x^9 + x^7 + x^3 + x^2 + x + 1$$

$$\begin{aligned} &+47554962624212151694081370 z^{66} \\ &+78465688331104234348290186 z^{65} \\ &+124396822964515952435374125 z^{64} \\ &+189557063563533429710756870 z^{63} \\ &+277723139637605287060344210 z^{62} \\ &+391337151307474096715072250 z^{61} \\ &+530479249551982023816835774 z^{60} \\ &+691929455939726972163650790 z^{59} \\ &+868592295754997383418968770 z^{58} \\ &+1049549024034613732398572230 z^{57} \\ &+1220903966730219155276880990 z^{56} \\ &+1367412442737820106918725470 z^{55} \\ &+1474660477466081381491632610 z^{54} \\ &+1531378188140858545955263650 z^{53} \\ &+1531378188140858545955263650 z^{52} \\ &+1474660477466081381491632610 z^{51} \\ &+1367412442737820106918725470 z^{50} \\ &+1220903966730219155276880990 z^{49} \\ &+1049549024034613732398572230 z^{48} \\ &+868592295754997383418968770 z^{47} \\ &+691929455939726972163650790 z^{46} \\ &+530479249551982023816835774 z^{45} \\ &+391337151307474096715072250 z^{44} \\ &+277723139637605287060344210 z^{43} \\ &+189557063563533429710756870 z^{42} \\ &+124396822964515952435374125 z^{41} \\ &+78465688331104234348290186 z^{40} \\ &+47554962624212151694081370 z^{39} \\ &+27681246900418422238392780 z^{38} \\ &+15468932091516584356407270 z^{37} \\ &+8294934600018315087076595 z^{36} \end{aligned}$$

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+4265966365872469982853069 z^{35}$ $+2102941166244578394067725 z^{34}$ $+993055550625881784147925 z^{33}$ $+448915522845493900062510 z^{32}$ $+194125631513685805037475 z^{31}$ $+80238594380453716431049 z^{30}$ $+31673129373554542536285 z^{29}$ $+11928840932734099791375 z^{28}$ $+4282148020838833628035 z^{27}$ $+1463518940668638000945 z^{26}$ $+475643656047945106407 z^{25}$ $+146803598401526253775 z^{24}$ $+42966907344167278815 z^{23}$ $+11906492528276949225 z^{22}$ $+3118366985867774625 z^{21}$ $+770419981314086061 z^{20}$ $+179167418482708005 z^{19}$ $+39128523851276755 z^{18}$ $+8003568915650595 z^{17}$ $+1528775385061155 z^{16}$ $+271782714943229 z^{15} + 44798825670375 z^{14}$ $+6816968357955 z^{13} + 952835834265 z^{12}$ $+121621706325 z^{11} + 14088413031 z^{10}$ $+1472245460 z^9 + 138100305 z^8 + 11723145 z^7$ $+901285 z^6 + 63735 z^5 + 6720 z^4 + 210 z^3 + 1$	
		$z^{105} + 210 z^{103} + 21105 z^{101} + 65625 z^{100} + 1351000 z^{99}$ $+ 11156250 z^{98} + 143881500 z^{97}$ $+ 1447315625 z^{96} + 14132160000 z^{95}$ $+ 121370025000 z^{94} + 952920097500 z^{93}$ $+ 6818025007500 z^{92} + 44797296675000 z^{91}$ $+ 271793657870000 z^{90}$	

	+1528764932756250 z^{89}
	+8003529124951500 z^{88}
	+39128563530437500 z^{87}
	+179167255591821000 z^{86}
	+770420259088856250 z^{85}
	+3118367841296554650 z^{84}
	+11906491445522625000 z^{83}
	+42966907671160206300 z^{82}
	+146803595292343937500 z^{81}
	+475643648473681393146 z^{80}
	+1463518961337294750000 z^{79}
	+4282148029571004862360 z^{78}
	+11928840922106881657500 z^{77}
	+31673129400738531291180 z^{76}
	+80238594229356328045000 z^{75}
	+194125631452470456312000 z^{74}
	+448915523232980536296375 z^{73}
	+993055550574782347355500 z^{72}
	+2102941166299879667301750 z^{71}
	+4265966366085628458435000 z^{70}
	+8294934598127773385200775 z^{69}
	+15468932091651209308911375 z^{68}
	+27681246903793623150418800 z^{67}
	+47554962623331722028086750 z^{66}
	+78465688330816574255763960 z^{65}
	+124396822964610502055934975 z^{64}
	+189557063555866945212516800 z^{63}
	+277723139640793102817677200 z^{62}
	+391337151319071842625665400 z^{61}
	+530479249547443674351720280 z^{60}
	+691929455937322145360958000 z^{59}

$+868592295753204592698525600 z^{58}$
 $+1049549024021120638443599500 z^{57}$
 $+1220903966741585578763299800 z^{56}$
 $+1367412442755638700255345000 z^{55}$
 $+1474660477455626262495778000 z^{54}$
 $+1531378188136264865198119500 z^{53}$
 $+1531378188136264865198119500 z^{52}$
 $+1474660477455626262495778000 z^{51}$
 $+1367412442755638700255345000 z^{50}$
 $+1220903966741585578763299800 z^{49}$
 $+1049549024021120638443599500 z^{48}$
 $+868592295753204592698525600 z^{47}$
 $+691929455937322145360958000 z^{46}$
 $+530479249547443674351720280 z^{45}$
 $+391337151319071842625665400 z^{44}$
 $+277723139640793102817677200 z^{43}$
 $+189557063555866945212516800 z^{42}$
 $+124396822964610502055934975 z^{41}$
 $+78465688330816574255763960 z^{40}$
 $+47554962623331722028086750 z^{39}$
 $+27681246903793623150418800 z^{38}$
 $+15468932091651209308911375 z^{37}$
 $+8294934598127773385200775 z^{36}$
 $+4265966366085628458435000 z^{35}$
 $+2102941166299879667301750 z^{34}$
 $+993055550574782347355500 z^{33}$
 $+448915523232980536296375 z^{32}$
 $+194125631452470456312000 z^{31}$
 $+80238594229356328045000 z^{30}$
 $+31673129400738531291180 z^{29}$
 $+11928840922106881657500 z^{28}$

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$ \begin{aligned} &+4282148029571004862360 z^{27} \\ &+1463518961337294750000 z^{26} \\ &+475643648473681393146 z^{25} \\ &+146803595292343937500 z^{24} \\ &+42966907671160206300 z^{23} \\ &+11906491445522625000 z^{22} \\ &+3118367841296554650 z^{21} \\ &+770420259088856250 z^{20} \\ &+179167255591821000 z^{19} \\ &+39128563530437500 z^{18} \\ &+8003529124951500 z^{17} \\ &+1528764932756250 z^{16} \\ &+271793657870000 z^{15} + 44797296675000 z^{14} \\ &+6818025007500 z^{13} + 952920097500 z^{12} \\ &+121370025000 z^{11} + 14132160000 z^{10} \\ &+1447315625 z^9 + 143881500 z^8 + 11156250 z^7 \\ &+1351000 z^6 + 65625 z^5 + 21105 z^4 + 210 z^2 + 1 \end{aligned} $
		$ \begin{aligned} &z^{105} + 6720 z^{101} + 37800 z^{100} + 974820 z^{99} \\ &+ 10431540 z^{98} + 143394300 z^{97} \\ &+ 1437014985 z^{96} + 14233126236 z^{95} \\ &+ 121083938220 z^{94} + 954638057240 z^{93} \\ &+ 6812691769800 z^{92} + 44807303678340 z^{91} \\ &+ 271774067409684 z^{90} \\ &+ 1528757004409530 z^{89} \\ &+ 8003666586418860 z^{88} \\ &+ 39128248651443420 z^{87} \\ &+ 179167890293939820 z^{86} \\ &+ 770419820768967096 z^{85} \\ &+ 3118365777658929560 z^{84} \\ &+ 11906496674571857820 z^{83} \\ &+ 42966899733813240780 z^{82} \end{aligned} $

$\{[105, 2, 94]\}$

$$x^{11} + x^9 + x^8 + x^7 + 1$$

$$\begin{aligned}
&+146803602443009304380 z^{81} \\
&+475643669643124884762 z^{80} \\
&+1463518897779981054180 z^{79} \\
&+4282148089364474522900 z^{78} \\
&+11928840907493178215400 z^{77} \\
&+31673129233136759819640 z^{76} \\
&+80238594702449312938844 z^{75} \\
&+194125631173606352530380 z^{74} \\
&+448915522800840128698455 z^{73} \\
&+993055551592819975220940 z^{72} \\
&+2102941164635528995018500 z^{71} \\
&+4265966366673260617677684 z^{70} \\
&+8294934601475052939525320 z^{69} \\
&+15468932087279138662234320 z^{68} \\
&+27681246905057357222047080 z^{67} \\
&+47554962624885753550874760 z^{66} \\
&+78465688322783746511228856 z^{65} \\
&+124396822975530987178924095 z^{64} \\
&+189557063558336406787623960 z^{63} \\
&+277723139628147043575480120 z^{62} \\
&+391337151329849104818451440 z^{61} \\
&+530479249536026274517576144 z^{60} \\
&+691929455932657037450205480 z^{59} \\
&+868592295782788987779735240 z^{58} \\
&+1049549024003685023501130700 z^{57} \\
&+1220903966736207790257933720 z^{56} \\
&+1367412442768402162927760280 z^{55} \\
&+1474660477425628046492408120 z^{54} \\
&+1531378188157988864150921520 z^{53} \\
&+1531378188157988864150921520 z^{52} \\
&+1474660477425628046492408120 z^{51}
\end{aligned}$$

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

+1367412442768402162927760280 z^{50}
+1220903966736207790257933720 z^{49}
+1049549024003685023501130700 z^{48}
+868592295782788987779735240 z^{47}
+691929455932657037450205480 z^{46}
+530479249536026274517576144 z^{45}
+391337151329849104818451440 z^{44}
+277723139628147043575480120 z^{43}
+189557063558336406787623960 z^{42}
+124396822975530987178924095 z^{41}
+78465688322783746511228856 z^{40}
+47554962624885753550874760 z^{39}
+27681246905057357222047080 z^{38}
+15468932087279138662234320 z^{37}
+8294934601475052939525320 z^{36}
+4265966366673260617677684 z^{35}
+2102941164635528995018500 z^{34}
+993055551592819975220940 z^{33}
+448915522800840128698455 z^{32}
+194125631173606352530380 z^{31}
+80238594702449312938844 z^{30}
+31673129233136759819640 z^{29}
+11928840907493178215400 z^{28}
+4282148089364474522900 z^{27}
+1463518897779981054180 z^{26}
+475643669643124884762 z^{25}
+146803602443009304380 z^{24}
+42966899733813240780 z^{23}
+11906496674571857820 z^{22}
+3118365777658929560 z^{21}
+770419820768967096 z^{20}

		$+179167890293939820 z^{19}$ $+39128248651443420 z^{18}$ $+8003666586418860 z^{17}$ $+1528757004409530 z^{16}$ $+271774067409684 z^{15} + 44807303678340 z^{14}$ $+6812691769800 z^{13} + 954638057240 z^{12}$ $+121083938220 z^{11} + 14233126236 z^{10}$ $+1437014985 z^9 + 143394300 z^8 + 10431540 z^7$ $+974820 z^6 + 37800 z^5 + 6720 z^4 + 1$	
		$z^{105} + 210 z^{103} + 34230 z^{101} + 3687250 z^{99}$ $+317063250 z^{97} + 669921875 z^{96}$ $+21135434250 z^{95} + 92449218750 z^{94}$ $+1123937139150 z^{93} + 6185828906250 z^{92}$ $+47440714175850 z^{91} + 263325961718750 z^{90}$ $+1554828630896520 z^{89}$ $+7934443384218750 z^{88}$ $+39284743033168990 z^{87}$ $+178856273567343750 z^{86}$ $+770872240529257146 z^{85}$ $+3117975324317531250 z^{84}$ $+11906060393504173470 z^{83}$ $+42969867017258343750 z^{82}$ $+146796234553930807510 z^{81}$ $+475656679828404900000 z^{80}$ $+1463504741036619715350 z^{79}$ $+4282148059232804031250 z^{78}$ $+11928877806356494801650 z^{77}$ $+31673029089844019823750 z^{76}$ $+80238747721125929797750 z^{75}$ $+194125512332063109971250 z^{74}$ $+448915461315650868494025 z^{73}$	

$\{[105, 2, 94]\}$

$$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^2 + x + 1$$

$$\begin{aligned}
&+993055981118031076440250 z^{72} \\
&+2102940354119435887058100 z^{71} \\
&+4265967182838923876780250 z^{70} \\
&+8294934420830802741213980 z^{69} \\
&+15468930841608632170207950 z^{68} \\
&+27681249720239604928980660 z^{67} \\
&+47554959542911257650697050 z^{66} \\
&+78465689600442210838634772 z^{65} \\
&+124396825683737001467363235 z^{64} \\
&+189557056540303379808324260 z^{63} \\
&+277723147416745910004035820 z^{62} \\
&+391337147769484275771240780 z^{61} \\
&+530479244826230957162170468 z^{60} \\
&+691929468904665839947808100 z^{59} \\
&+868592281760288489676418860 z^{58} \\
&+1049549030171104205658693400 z^{57} \\
&+1220903973403042979842570380 z^{56} \\
&+1367412424850836377430021500 z^{55} \\
&+1474660495862465014202434300 z^{54} \\
&+1531378180723325721627323700 z^{53} \\
&+1531378180723325721627323700 z^{52} \\
&+1474660495862465014202434300 z^{51} \\
&+1367412424850836377430021500 z^{50} \\
&+1220903973403042979842570380 z^{49} \\
&+1049549030171104205658693400 z^{48} \\
&+868592281760288489676418860 z^{47} \\
&+691929468904665839947808100 z^{46} \\
&+530479244826230957162170468 z^{45} \\
&+391337147769484275771240780 z^{44} \\
&+277723147416745910004035820 z^{43} \\
&+189557056540303379808324260 z^{42}
\end{aligned}$$

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+124396825683737001467363235 z^{41}$ $+78465689600442210838634772 z^{40}$ $+47554959542911257650697050 z^{39}$ $+27681249720239604928980660 z^{38}$ $+15468930841608632170207950 z^{37}$ $+8294934420830802741213980 z^{36}$ $+4265967182838923876780250 z^{35}$ $+2102940354119435887058100 z^{34}$ $+993055981118031076440250 z^{33}$ $+448915461315650868494025 z^{32}$ $+194125512332063109971250 z^{31}$ $+80238747721125929797750 z^{30}$ $+31673029089844019823750 z^{29}$ $+11928877806356494801650 z^{28}$ $+4282148059232804031250 z^{27}$ $+1463504741036619715350 z^{26}$ $+475656679828404900000 z^{25}$ $+146796234553930807510 z^{24}$ $+42969867017258343750 z^{23}$ $+11906060393504173470 z^{22}$ $+3117975324317531250 z^{21}$ $+770872240529257146 z^{20}$ $+178856273567343750 z^{19}$ $+39284743033168990 z^{18}$ $+7934443384218750 z^{17}$ $+1554828630896520 z^{16}$ $+263325961718750 z^{15} + 47440714175850 z^{14}$ $+6185828906250 z^{13} + 1123937139150 z^{12}$ $+92449218750 z^{11} + 21135434250 z^{10}$ $+669921875 z^9 + 317063250 z^8 + 3687250 z^6$ $+34230 z^4 + 210 z^2 + 1$	
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$\{[105, 2, 94]\}$

$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^4 + x^3 + x^2 + x + 1$

$9185400 z^{98} + 2201128020 z^{96} + 220159877175 z^{94}$
 $+ 13178423089755 z^{92} + 537801469930935 z^{90}$
 $+ 15961493681335755 z^{88}$
 $+ 358131687168745035 z^{86}$
 $+ 6236472775294319775 z^{84}$
 $+ 85935727268816680395 z^{82}$
 $+ 951295967068411869975 z^{80}$
 $+ 8564296630200304123025 z^{78}$
 $+ 63346191971217213522765 z^{76}$
 $+ 388251180049590789819825 z^{74}$
 $+ 1986111389523464379346205 z^{72}$
 $+ 8531933291091901641096837 z^{70}$
 $+ 30937863336377597840252145 z^{68}$
 $+ 95109923155876390940317405 z^{66}$
 $+ 248793647801734966818596205 z^{64}$
 $+ 555446284514390879577420390 z^{62}$
 $+ 1060958495799188846084419278 z^{60}$
 $+ 1737184582182027930610524390 z^{58}$
 $+ 2441807938137631944778106670 z^{56}$
 $+ 2949320967066153585684175950 z^{54}$
 $+ 3062756371155568294399467030 z^{52}$
 $+ 2734824873760350258166405518 z^{50}$
 $+ 2099098052212653245026630630 z^{48}$
 $+ 1383858920357783540165804610 z^{46}$
 $+ 782674300284612486967968570 z^{44}$
 $+ 379114122519274252907269890 z^{42}$
 $+ 156931377475761464280197850 z^{40}$
 $+ 55362495660683240369315850 z^{38}$
 $+ 16589869095017002967353570 z^{36}$
 $+ 4205881794106234986949170 z^{34}$
 $+ 897831001015412492199150 z^{32}$

$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$

		$+160477290711192520772595 z^{30}$ $+23857707060718797417255 z^{28}$ $+2927028441142619868915 z^{26}$ $+293602217428663290455 z^{24}$ $+23812691965728956535 z^{22}$ $+1541146412471196699 z^{20}$ $+78361936330517175 z^{18}$ $+3074794568115795 z^{16} + 91314439167645 z^{14}$ $+2014306849065 z^{12} + 32526934461 z^{10}$ $+382121145 z^8 + 3312225 z^6 + 22365 z^4 + 105 z^2$ $+1$	
		$12353145 z^{98} + 2507688435 z^{96} + 235376824830 z^{94}$ $+13570498027170 z^{92} + 543459160104658 z^{90}$ $+16008595538644590 z^{88}$ $+358340899246104390 z^{86}$ $+6236716762285130170 z^{84}$ $+85933716176761848360 z^{82}$ $+951287488181715454560 z^{80}$ $+8564296953418437004690 z^{78}$ $+63346257018974711600910 z^{76}$ $+388251258005268630954870 z^{74}$ $+1986111114126169246561450 z^{72}$ $+8531932745400576419502042 z^{70}$ $+30937864121703134793159270 z^{68}$ $+95109925253122635172083585 z^{66}$ $+248793646097880759762994275 z^{64}$ $+555446279128842441827008620 z^{62}$ $+1060958498873775519592980692 z^{60}$ $+1737184591931533066159123860 z^{58}$ $+2441807933512601078460398700 z^{56}$ $+2949320954361936202781629820 z^{54}$	

{[105, 2, 94]}	$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^4 + x^3 + 1$	$ \begin{aligned} &+3062756376562850223963218820 z^{52} \\ &+2734824885861354856571878296 z^{50} \\ &+2099098047645995966336086040 z^{48} \\ &+1383858911800399498550009700 z^{46} \\ &+782674302906205050875748060 z^{44} \\ &+379114127060369424683270220 z^{42} \\ &+156931376551688160385171572 z^{40} \\ &+55362493859389263363575220 z^{38} \\ &+16589869222279628846697420 z^{36} \\ &+4205882310775997494777995 z^{34} \\ &+897831044232210294124905 z^{32} \\ &+160477193458246814025142 z^{30} \\ &+23857681584325066486890 z^{28} \\ &+2927037229577190580410 z^{26} \\ &+293607259518410308870 z^{24} \\ &+23813046576287530590 z^{22} \\ &+1540836559330196898 z^{20} \\ &+78253159169843840 z^{18} \\ &+3057351835629000 z^{16} + 89713857901290 z^{14} \\ &+1929340182070 z^{12} + 30243979038 z^{10} \\ &+373166850 z^8 + 4368210 z^6 + 46830 z^4 + 315 z^2 \\ &+1 \end{aligned} $	$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$
		$ \begin{aligned} &z^{105} + 210 z^{102} + 6720 z^{101} + 63735 z^{100} + 901285 z^{99} \\ &+ 11723145 z^{98} + 138100305 z^{97} \\ &+ 1472245460 z^{96} + 14088413031 z^{95} \\ &+ 121621706325 z^{94} + 952835834265 z^{93} \\ &+ 6816968357955 z^{92} + 44798825670375 z^{91} \\ &+ 271782714943229 z^{90} \\ &+ 1528775385061155 z^{89} \\ &+ 8003568915650595 z^{88} \\ &+ 39128523851276755 z^{87} \end{aligned} $	

+179167418482708005 z^{86}
+770419981314086061 z^{85}
+3118366985867774625 z^{84}
+11906492528276949225 z^{83}
+42966907344167278815 z^{82}
+146803598401526253775 z^{81}
+475643656047945106407 z^{80}
+1463518940668638000945 z^{79}
+4282148020838833628035 z^{78}
+11928840932734099791375 z^{77}
+31673129373554542536285 z^{76}
+80238594380453716431049 z^{75}
+194125631513685805037475 z^{74}
+448915522845493900062510 z^{73}
+993055550625881784147925 z^{72}
+2102941166244578394067725 z^{71}
+4265966365872469982853069 z^{70}
+8294934600018315087076595 z^{69}
+15468932091516584356407270 z^{68}
+27681246900418422238392780 z^{67}
+47554962624212151694081370 z^{66}
+78465688331104234348290186 z^{65}
+124396822964515952435374125 z^{64}
+189557063563533429710756870 z^{63}
+277723139637605287060344210 z^{62}
+391337151307474096715072250 z^{61}
+530479249551982023816835774 z^{60}
+691929455939726972163650790 z^{59}
+868592295754997383418968770 z^{58}
+1049549024034613732398572230 z^{57}
+1220903966730219155276880990 z^{56}

+1367412442737820106918725470 z^{55}
 +1474660477466081381491632610 z^{54}
 +1531378188140858545955263650 z^{53}
 +1531378188140858545955263650 z^{52}
 +1474660477466081381491632610 z^{51}
 +1367412442737820106918725470 z^{50}
 +1220903966730219155276880990 z^{49}
 +1049549024034613732398572230 z^{48}
 +868592295754997383418968770 z^{47}
 +691929455939726972163650790 z^{46}
 +530479249551982023816835774 z^{45}
 +391337151307474096715072250 z^{44}
 +277723139637605287060344210 z^{43}
 +189557063563533429710756870 z^{42}
 +124396822964515952435374125 z^{41}
 +78465688331104234348290186 z^{40}
 +47554962624212151694081370 z^{39}
 +27681246900418422238392780 z^{38}
 +15468932091516584356407270 z^{37}
 +8294934600018315087076595 z^{36}
 +4265966365872469982853069 z^{35}
 +2102941166244578394067725 z^{34}
 +993055550625881784147925 z^{33}
 +448915522845493900062510 z^{32}
 +194125631513685805037475 z^{31}
 +80238594380453716431049 z^{30}
 +31673129373554542536285 z^{29}
 +11928840932734099791375 z^{28}
 +4282148020838833628035 z^{27}
 +1463518940668638000945 z^{26}
 +475643656047945106407 z^{25}

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+146803598401526253775 z^{24}$ $+42966907344167278815 z^{23}$ $+11906492528276949225 z^{22}$ $+3118366985867774625 z^{21}$ $+770419981314086061 z^{20}$ $+179167418482708005 z^{19}$ $+39128523851276755 z^{18}$ $+8003568915650595 z^{17}$ $+1528775385061155 z^{16}$ $+271782714943229 z^{15} + 44798825670375 z^{14}$ $+6816968357955 z^{13} + 952835834265 z^{12}$ $+121621706325 z^{11} + 14088413031 z^{10}$ $+1472245460 z^9 + 138100305 z^8 + 11723145 z^7$ $+901285 z^6 + 63735 z^5 + 6720 z^4 + 210 z^3 + 1$	
		$35 z^{102} + 98070 z^{100} + 22187340 z^{98} + 2934816605 z^{96}$ $+ 243306292320 z^{94} + 13634513893980 z^{92}$ $+ 543562784929388 z^{90}$ $+ 16007124443002560 z^{88}$ $+ 358334921433025530 z^{86}$ $+ 6236734029177375920 z^{84}$ $+ 85933813359811558260 z^{82}$ $+ 951287314463092546758 z^{80}$ $+ 8564296049149482782280 z^{78}$ $+ 63346258710267819480180 z^{76}$ $+ 388251263062119297693300 z^{74}$ $+ 1986111101379364698845400 z^{72}$ $+ 8531932731319348940998521 z^{70}$ $+ 30937864183362532592520870 z^{68}$ $+ 95109925249267721853707640 z^{66}$ $+ 248793645926506842395040135 z^{64}$ $+ 555446279277531093732991200 z^{62}$	

{ [105, 2, 94] }	$x^{11} + x^{10} + x^9 + x^7 + x^4 + x^3 + x + 1$	$ \begin{aligned} &+1060958499105408977488332120 z^{60} \\ &+1737184591503778936072847160 z^{58} \\ &+2441807933467018480298959200 z^{56} \\ &+2949320954931279077647303260 z^{54} \\ &+3062756376276195432143010960 z^{52} \\ &+2734824885481804272231429096 z^{50} \\ &+2099098048068028425633613860 z^{48} \\ &+1383858911875995345862375920 z^{46} \\ &+782674302618678185207047080 z^{44} \\ &+379114127125955177154754920 z^{42} \\ &+156931376661347000166107472 z^{40} \\ &+55362493801786096257789765 z^{38} \\ &+16589869199800191285122370 z^{36} \\ &+4205882332321872846553980 z^{34} \\ &+897831045839646218227515 z^{32} \\ &+160477188727394120045184 z^{30} \\ &+23857681853813419024140 z^{28} \\ &+2927037889627990151580 z^{26} \\ &+293607195964481543200 z^{24} \\ &+23812984400173845450 z^{22} \\ &+1540840174252916544 z^{20} \\ &+78257051928046180 z^{18} \\ &+3057540566936310 z^{16} + 89598255634440 z^{14} \\ &+1905905707300 z^{12} + 28170811620 z^{10} \\ &+272505240 z^8 + 1554175 z^6 + 5250 z^4 + 1 \end{aligned} $	$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$
		$ \begin{aligned} &64680 z^{100} + 20183940 z^{98} + 2869118385 z^{96} \\ &+ 242201814540 z^{94} + 13625670875040 z^{92} \\ &+ 543546706655428 z^{90} \\ &+ 16007326940806740 z^{88} \\ &+ 358335824461925100 z^{86} \\ &+ 6236731558417465840 z^{84} \end{aligned} $	

$$\{[105, 2, 94]\}$$

$$x^{11} + x^{10} + x^9 + x^7 + x^6 + x^4 + x^2 + 1$$

$$\begin{aligned}
&+85933798935744624060 z^{82} \\
&+951287340075835848498 z^{80} \\
&+8564296183108217932660 z^{78} \\
&+63346258447834899267360 z^{76} \\
&+388251262361790234825180 z^{74} \\
&+1986111103256252595408100 z^{72} \\
&+8531932733130192445576116 z^{70} \\
&+30937864174698522472985400 z^{68} \\
&+95109925250283980977715880 z^{66} \\
&+248793645949619798718888015 z^{64} \\
&+555446279257686835086491640 z^{62} \\
&+1060958499072595338975529280 z^{60} \\
&+1737184591562479869385508520 z^{58} \\
&+2441807933475894984397437480 z^{56} \\
&+2949320954850533429036984120 z^{54} \\
&+3062756376313409629632673440 z^{52} \\
&+2734824885539900298818774136 z^{50} \\
&+2099098048006573237124818940 z^{48} \\
&+1383858911863839719186905320 z^{46} \\
&+782674302661369983615401280 z^{44} \\
&+379114127116208736839828280 z^{42} \\
&+156931376645115542747264232 z^{40} \\
&+55362493810588039210078440 z^{38} \\
&+16589869202829053789302680 z^{36} \\
&+4205882329196905305324180 z^{34} \\
&+897831045666260324371935 z^{32} \\
&+160477189394181178883644 z^{30} \\
&+23857681806651975255840 z^{28} \\
&+2927037800371896669780 z^{26} \\
&+293607204391918839940 z^{24} \\
&+23812993000905473820 z^{22}
\end{aligned}$$

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+1540839757920307824 z^{20}$ $+78256497790477580 z^{18}$ $+3057508741086450 z^{16} + 89615026906980 z^{14}$ $+1909371698080 z^{12} + 28465014060 z^{10}$ $+284849460 z^8 + 1841700 z^6 + 7560 z^4 + 1$	
		$z^{105} + 210 z^{103} + 34230 z^{101} + 3687250 z^{99}$ $+ 317063250 z^{97} + 669921875 z^{96}$ $+ 21135434250 z^{95} + 92449218750 z^{94}$ $+ 1123937139150 z^{93} + 6185828906250 z^{92}$ $+ 47440714175850 z^{91} + 263325961718750 z^{90}$ $+ 1554828630896520 z^{89}$ $+ 7934443384218750 z^{88}$ $+ 39284743033168990 z^{87}$ $+ 178856273567343750 z^{86}$ $+ 770872240529257146 z^{85}$ $+ 3117975324317531250 z^{84}$ $+ 11906060393504173470 z^{83}$ $+ 42969867017258343750 z^{82}$ $+ 146796234553930807510 z^{81}$ $+ 475656679828404900000 z^{80}$ $+ 1463504741036619715350 z^{79}$ $+ 4282148059232804031250 z^{78}$ $+ 11928877806356494801650 z^{77}$ $+ 31673029089844019823750 z^{76}$ $+ 80238747721125929797750 z^{75}$ $+ 194125512332063109971250 z^{74}$ $+ 448915461315650868494025 z^{73}$ $+ 993055981118031076440250 z^{72}$ $+ 2102940354119435887058100 z^{71}$ $+ 4265967182838923876780250 z^{70}$ $+ 8294934420830802741213980 z^{69}$	

$\{[105, 2, 94]\}$

$$x^{11} + x^{10} + x^9 + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned}
&+15468930841608632170207950 z^{68} \\
&+27681249720239604928980660 z^{67} \\
&+47554959542911257650697050 z^{66} \\
&+78465689600442210838634772 z^{65} \\
&+124396825683737001467363235 z^{64} \\
&+189557056540303379808324260 z^{63} \\
&+277723147416745910004035820 z^{62} \\
&+391337147769484275771240780 z^{61} \\
&+530479244826230957162170468 z^{60} \\
&+691929468904665839947808100 z^{59} \\
&+868592281760288489676418860 z^{58} \\
&+1049549030171104205658693400 z^{57} \\
&+1220903973403042979842570380 z^{56} \\
&+1367412424850836377430021500 z^{55} \\
&+1474660495862465014202434300 z^{54} \\
&+1531378180723325721627323700 z^{53} \\
&+1531378180723325721627323700 z^{52} \\
&+1474660495862465014202434300 z^{51} \\
&+1367412424850836377430021500 z^{50} \\
&+1220903973403042979842570380 z^{49} \\
&+1049549030171104205658693400 z^{48} \\
&+868592281760288489676418860 z^{47} \\
&+691929468904665839947808100 z^{46} \\
&+530479244826230957162170468 z^{45} \\
&+391337147769484275771240780 z^{44} \\
&+277723147416745910004035820 z^{43} \\
&+189557056540303379808324260 z^{42} \\
&+124396825683737001467363235 z^{41} \\
&+78465689600442210838634772 z^{40} \\
&+47554959542911257650697050 z^{39} \\
&+27681249720239604928980660 z^{38}
\end{aligned}$$

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+15468930841608632170207950 z^{37}$ $+8294934420830802741213980 z^{36}$ $+4265967182838923876780250 z^{35}$ $+2102940354119435887058100 z^{34}$ $+993055981118031076440250 z^{33}$ $+448915461315650868494025 z^{32}$ $+194125512332063109971250 z^{31}$ $+80238747721125929797750 z^{30}$ $+31673029089844019823750 z^{29}$ $+11928877806356494801650 z^{28}$ $+4282148059232804031250 z^{27}$ $+1463504741036619715350 z^{26}$ $+475656679828404900000 z^{25}$ $+146796234553930807510 z^{24}$ $+42969867017258343750 z^{23}$ $+11906060393504173470 z^{22}$ $+3117975324317531250 z^{21}$ $+770872240529257146 z^{20}$ $+178856273567343750 z^{19}$ $+39284743033168990 z^{18}$ $+7934443384218750 z^{17}$ $+1554828630896520 z^{16}$ $+263325961718750 z^{15} + 47440714175850 z^{14}$ $+6185828906250 z^{13} + 1123937139150 z^{12}$ $+92449218750 z^{11} + 21135434250 z^{10}$ $+669921875 z^9 + 317063250 z^8 + 3687250 z^6$ $+34230 z^4 + 210 z^2 + 1$	
		$35 z^{102} + 98070 z^{100} + 22187340 z^{98} + 2934816605 z^{96}$ $+ 243306292320 z^{94} + 13634513893980 z^{92}$ $+ 543562784929388 z^{90}$ $+ 16007124443002560 z^{88}$	

$\{[105, 2, 94]\}$

$$x^{11} + x^{10} + x^8 + x^7 + x^4 + x^2 + x + 1$$

$$\begin{aligned}
&+358334921433025530 z^{86} \\
&+6236734029177375920 z^{84} \\
&+85933813359811558260 z^{82} \\
&+951287314463092546758 z^{80} \\
&+8564296049149482782280 z^{78} \\
&+63346258710267819480180 z^{76} \\
&+388251263062119297693300 z^{74} \\
&+1986111101379364698845400 z^{72} \\
&+8531932731319348940998521 z^{70} \\
&+30937864183362532592520870 z^{68} \\
&+95109925249267721853707640 z^{66} \\
&+248793645926506842395040135 z^{64} \\
&+555446279277531093732991200 z^{62} \\
&+1060958499105408977488332120 z^{60} \\
&+1737184591503778936072847160 z^{58} \\
&+2441807933467018480298959200 z^{56} \\
&+2949320954931279077647303260 z^{54} \\
&+3062756376276195432143010960 z^{52} \\
&+2734824885481804272231429096 z^{50} \\
&+2099098048068028425633613860 z^{48} \\
&+1383858911875995345862375920 z^{46} \\
&+782674302618678185207047080 z^{44} \\
&+379114127125955177154754920 z^{42} \\
&+156931376661347000166107472 z^{40} \\
&+55362493801786096257789765 z^{38} \\
&+16589869199800191285122370 z^{36} \\
&+4205882332321872846553980 z^{34} \\
&+897831045839646218227515 z^{32} \\
&+160477188727394120045184 z^{30} \\
&+23857681853813419024140 z^{28} \\
&+2927037889627990151580 z^{26}
\end{aligned}$$

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+293607195964481543200 z^{24}$ $+23812984400173845450 z^{22}$ $+1540840174252916544 z^{20}$ $+78257051928046180 z^{18}$ $+3057540566936310 z^{16} + 89598255634440 z^{14}$ $+1905905707300 z^{12} + 28170811620 z^{10}$ $+272505240 z^8 + 1554175 z^6 + 5250 z^4 + 1$	
		$z^{105} + 6720 z^{101} + 37800 z^{100} + 974820 z^{99}$ $+ 10431540 z^{98} + 143394300 z^{97}$ $+ 1437014985 z^{96} + 14233126236 z^{95}$ $+ 121083938220 z^{94} + 954638057240 z^{93}$ $+ 6812691769800 z^{92} + 44807303678340 z^{91}$ $+ 271774067409684 z^{90}$ $+ 1528757004409530 z^{89}$ $+ 8003666586418860 z^{88}$ $+ 39128248651443420 z^{87}$ $+ 179167890293939820 z^{86}$ $+ 770419820768967096 z^{85}$ $+ 3118365777658929560 z^{84}$ $+ 11906496674571857820 z^{83}$ $+ 42966899733813240780 z^{82}$ $+ 146803602443009304380 z^{81}$ $+ 475643669643124884762 z^{80}$ $+ 1463518897779981054180 z^{79}$ $+ 4282148089364474522900 z^{78}$ $+ 11928840907493178215400 z^{77}$ $+ 31673129233136759819640 z^{76}$ $+ 80238594702449312938844 z^{75}$ $+ 194125631173606352530380 z^{74}$ $+ 448915522800840128698455 z^{73}$ $+ 993055551592819975220940 z^{72}$	

$\{[105, 2, 94]\}$

$$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^4 + x + 1$$

$$\begin{aligned}
&+2102941164635528995018500 z^{71} \\
&+4265966366673260617677684 z^{70} \\
&+8294934601475052939525320 z^{69} \\
&+15468932087279138662234320 z^{68} \\
&+27681246905057357222047080 z^{67} \\
&+47554962624885753550874760 z^{66} \\
&+78465688322783746511228856 z^{65} \\
&+124396822975530987178924095 z^{64} \\
&+189557063558336406787623960 z^{63} \\
&+277723139628147043575480120 z^{62} \\
&+391337151329849104818451440 z^{61} \\
&+530479249536026274517576144 z^{60} \\
&+691929455932657037450205480 z^{59} \\
&+868592295782788987779735240 z^{58} \\
&+1049549024003685023501130700 z^{57} \\
&+1220903966736207790257933720 z^{56} \\
&+1367412442768402162927760280 z^{55} \\
&+1474660477425628046492408120 z^{54} \\
&+1531378188157988864150921520 z^{53} \\
&+1531378188157988864150921520 z^{52} \\
&+1474660477425628046492408120 z^{51} \\
&+1367412442768402162927760280 z^{50} \\
&+1220903966736207790257933720 z^{49} \\
&+1049549024003685023501130700 z^{48} \\
&+868592295782788987779735240 z^{47} \\
&+691929455932657037450205480 z^{46} \\
&+530479249536026274517576144 z^{45} \\
&+391337151329849104818451440 z^{44} \\
&+277723139628147043575480120 z^{43} \\
&+189557063558336406787623960 z^{42} \\
&+124396822975530987178924095 z^{41}
\end{aligned}$$

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+78465688322783746511228856 z^{40}$ $+47554962624885753550874760 z^{39}$ $+27681246905057357222047080 z^{38}$ $+15468932087279138662234320 z^{37}$ $+8294934601475052939525320 z^{36}$ $+4265966366673260617677684 z^{35}$ $+2102941164635528995018500 z^{34}$ $+993055551592819975220940 z^{33}$ $+448915522800840128698455 z^{32}$ $+194125631173606352530380 z^{31}$ $+80238594702449312938844 z^{30}$ $+31673129233136759819640 z^{29}$ $+11928840907493178215400 z^{28}$ $+4282148089364474522900 z^{27}$ $+1463518897779981054180 z^{26}$ $+475643669643124884762 z^{25}$ $+146803602443009304380 z^{24}$ $+42966899733813240780 z^{23}$ $+11906496674571857820 z^{22}$ $+3118365777658929560 z^{21}$ $+770419820768967096 z^{20}$ $+179167890293939820 z^{19}$ $+39128248651443420 z^{18}$ $+8003666586418860 z^{17}$ $+1528757004409530 z^{16}$ $+271774067409684 z^{15} + 44807303678340 z^{14}$ $+6812691769800 z^{13} + 954638057240 z^{12}$ $+121083938220 z^{11} + 14233126236 z^{10}$ $+1437014985 z^9 + 143394300 z^8 + 10431540 z^7$ $+974820 z^6 + 37800 z^5 + 6720 z^4 + 1$	
		$z^{105} + 6720 z^{101} + 37800 z^{100} + 974820 z^{99}$	

$$\begin{aligned}
&+10431540 z^{98} + 143394300 z^{97} \\
&+1437014985 z^{96} + 14233126236 z^{95} \\
&+121083938220 z^{94} + 954638057240 z^{93} \\
&+6812691769800 z^{92} + 44807303678340 z^{91} \\
&+271774067409684 z^{90} \\
&+1528757004409530 z^{89} \\
&+8003666586418860 z^{88} \\
&+39128248651443420 z^{87} \\
&+179167890293939820 z^{86} \\
&+770419820768967096 z^{85} \\
&+3118365777658929560 z^{84} \\
&+11906496674571857820 z^{83} \\
&+42966899733813240780 z^{82} \\
&+146803602443009304380 z^{81} \\
&+475643669643124884762 z^{80} \\
&+1463518897779981054180 z^{79} \\
&+4282148089364474522900 z^{78} \\
&+11928840907493178215400 z^{77} \\
&+31673129233136759819640 z^{76} \\
&+80238594702449312938844 z^{75} \\
&+194125631173606352530380 z^{74} \\
&+448915522800840128698455 z^{73} \\
&+993055551592819975220940 z^{72} \\
&+2102941164635528995018500 z^{71} \\
&+4265966366673260617677684 z^{70} \\
&+8294934601475052939525320 z^{69} \\
&+15468932087279138662234320 z^{68} \\
&+27681246905057357222047080 z^{67} \\
&+47554962624885753550874760 z^{66} \\
&+78465688322783746511228856 z^{65} \\
&+124396822975530987178924095 z^{64}
\end{aligned}$$

+189557063558336406787623960 z^{63}
 +277723139628147043575480120 z^{62}
 +391337151329849104818451440 z^{61}
 +530479249536026274517576144 z^{60}
 +691929455932657037450205480 z^{59}
 +868592295782788987779735240 z^{58}
 +1049549024003685023501130700 z^{57}
 +1220903966736207790257933720 z^{56}
 +1367412442768402162927760280 z^{55}
 +1474660477425628046492408120 z^{54}
 +1531378188157988864150921520 z^{53}
 +1531378188157988864150921520 z^{52}
 +1474660477425628046492408120 z^{51}
 +1367412442768402162927760280 z^{50}
 +1220903966736207790257933720 z^{49}
 +1049549024003685023501130700 z^{48}
 +868592295782788987779735240 z^{47}
 +691929455932657037450205480 z^{46}
 +530479249536026274517576144 z^{45}
 +391337151329849104818451440 z^{44}
 +277723139628147043575480120 z^{43}
 +189557063558336406787623960 z^{42}
 +124396822975530987178924095 z^{41}
 +78465688322783746511228856 z^{40}
 +47554962624885753550874760 z^{39}
 +27681246905057357222047080 z^{38}
 +15468932087279138662234320 z^{37}
 +8294934601475052939525320 z^{36}
 +4265966366673260617677684 z^{35}
 +2102941164635528995018500 z^{34}
 +993055551592819975220940 z^{33}

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+448915522800840128698455 z^{32}$ $+194125631173606352530380 z^{31}$ $+80238594702449312938844 z^{30}$ $+31673129233136759819640 z^{29}$ $+11928840907493178215400 z^{28}$ $+4282148089364474522900 z^{27}$ $+1463518897779981054180 z^{26}$ $+475643669643124884762 z^{25}$ $+146803602443009304380 z^{24}$ $+42966899733813240780 z^{23}$ $+11906496674571857820 z^{22}$ $+3118365777658929560 z^{21}$ $+770419820768967096 z^{20}$ $+179167890293939820 z^{19}$ $+39128248651443420 z^{18}$ $+8003666586418860 z^{17}$ $+1528757004409530 z^{16}$ $+271774067409684 z^{15} + 44807303678340 z^{14}$ $+6812691769800 z^{13} + 954638057240 z^{12}$ $+121083938220 z^{11} + 14233126236 z^{10}$ $+1437014985 z^9 + 143394300 z^8 + 10431540 z^7$ $+974820 z^6 + 37800 z^5 + 6720 z^4 + 1$	
		$10678710 z^{98} + 2267446335 z^{96} + 221302756710 z^{94}$ $+13187237290710 z^{92} + 537815914303710 z^{90}$ $+15961296473291610 z^{88}$ $+358130808899176110 z^{86}$ $+6236475058802952110 z^{84}$ $+85935741947655083610 z^{82}$ $+951295942884623587860 z^{80}$ $+8564296489255408581610 z^{78}$ $+63346192243435375466010 z^{76}$	

$\{[105, 2, 94]\}$

$$x^{11} + x^{10} + x^7 + x^4 + x^3 + 1$$

$$\begin{aligned}
&+388251180766188190448130 z^{74} \\
&+1986111387556501887920350 z^{72} \\
&+8531933289419863483494642 z^{70} \\
&+30937863345067876854579090 z^{68} \\
&+95109923154385665117139100 z^{66} \\
&+248793647779410723342437595 z^{64} \\
&+555446284534030039051859580 z^{62} \\
&+1060958495830578644422885468 z^{60} \\
&+1737184582126193162666848620 z^{58} \\
&+2441807938126338785199928740 z^{56} \\
&+2949320967146861984592258700 z^{54} \\
&+3062756371120761498040278540 z^{52} \\
&+2734824873699757562358094068 z^{50} \\
&+2099098052274518051278291840 z^{48} \\
&+1383858920371664181835889940 z^{46} \\
&+782674300239716480948669940 z^{44} \\
&+379114122530267332537774340 z^{42} \\
&+156931377491849776915115100 z^{40} \\
&+55362495651575962335635940 z^{38} \\
&+16589869092206691079877540 z^{36} \\
&+4205881797198767152269390 z^{34} \\
&+897831001148236386177765 z^{32} \\
&+160477290073522892862910 z^{30} \\
&+23857707100915465914990 z^{28} \\
&+2927028529393079567190 z^{26} \\
&+293602210010206544930 z^{24} \\
&+23812683210383194470 z^{22} \\
&+1541146780068638694 z^{20} \\
&+78362510264172050 z^{18} \\
&+3074825978906220 z^{16} + 91296839802210 z^{14} \\
&+2010944808530 z^{12} + 32241497946 z^{10}
\end{aligned}$$

$$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+368678310 z^8 + 2893450 z^6 + 16170 z^4 + 1$	
$\{[105, 2, 94]\}$	$x^{11} + x^{10} + x^6 + x^5 + x + 1$	$1715 z^{102} + 457905 z^{100} + 57263850 z^{98}$ $+ 4860473660 z^{96} + 311004951915 z^{94}$ $+ 15156604968015 z^{92} + 565648765786223 z^{90}$ $+ 16213826043634275 z^{88}$ $+ 359528921499108585 z^{86}$ $+ 6240234511269850145 z^{84}$ $+ 85932448741151156655 z^{82}$ $+ 951241949886434027535 z^{80}$ $+ 8564191122436684643685 z^{78}$ $+ 63346403588364464199345 z^{76}$ $+ 388252160882234058577545 z^{74}$ $+ 1986111370478286488932005 z^{72}$ $+ 8531928899397868675710762 z^{70}$ $+ 30937860488870569373101200 z^{68}$ $+ 95109935765794208987453355 z^{66}$ $+ 248793660530972291224316925 z^{64}$ $+ 555446258938145013298093710 z^{62}$ $+ 1060958464325447644572797622 z^{60}$ $+ 1737184620268646310672097110 z^{58}$ $+ 2441807990335976946658569630 z^{56}$ $+ 2949320925160204248146767890 z^{54}$ $+ 3062756309303375038036163250 z^{52}$ $+ 2734824907115670985136446086 z^{50}$ $+ 2099098105927794941133747030 z^{48}$ $+ 1383858902333733938805268170 z^{46}$ $+ 782674265913208493110495650 z^{44}$ $+ 379114127907053084728264050 z^{42}$ $+ 156931393452619660938799722 z^{40}$ $+ 55362495865051414580745015 z^{38}$ $+ 16589863940949366699655905 z^{36}$	$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$

		$+4205880842433762654056160 z^{34}$ $+897832023849922040450550 z^{32}$ $+160477693199975234116887 z^{30}$ $+23857630152771793125195 z^{28}$ $+2926953953263890441675 z^{26}$ $+293591014835924873935 z^{24}$ $+23816396522694791925 z^{22}$ $+1543128064559133213 z^{20}$ $+78787918936031515 z^{18}$ $+3129002322128235 z^{16} + 95718014531265 z^{14}$ $+2245350522205 z^{12} + 40255320693 z^{10}$ $+544346145 z^8 + 5544700 z^6 + 46830 z^4 + 315 z^2$ $+1$	
		$z^{108} + 108 z^{106} + 41391 z^{104} + 6608952 z^{102}$ $+ 737087283 z^{100} + 58658436252 z^{98}$ $+ 3456765394173 z^{96} + 153954999576288 z^{94}$ $+ 5257412761015710 z^{92}$ $+ 139250188328466312 z^{90}$ $+ 2892076791039183042 z^{88}$ $+ 47636417286817523568 z^{86}$ $+ 629490012271202524338 z^{84}$ $+ 6747986951230428468936 z^{82}$ $+ 59280407354893752036270 z^{80}$ $+ 430643498324926170028896 z^{78}$ $+ 2607356571587941792495995 z^{76}$ $+ 13246001243194885126422084 z^{74}$ $+ 56789515667912864617346133 z^{72}$ $+ 206477581485346086709592136 z^{70}$ $+ 639286155429365301701660649 z^{68}$ $+ 1691398946852210346673615668 z^{66}$ $+ 3835149863921898495477910119 z^{64}$	

{[108, 2, 97]}	$x^{11} + x^9 + x^2 + 1$	$ \begin{aligned} &+7470204398321544632373386688 z^{62} \\ &+12523186255357494841873518036 z^{60} \\ &+18094725794252972539374422832 z^{58} \\ &+22557002197391456324865447276 z^{56} \\ &+24275182191427101722583482400 z^{54} \\ &+22557002197391456324865447276 z^{52} \\ &+18094725794252972539374422832 z^{50} \\ &+12523186255357494841873518036 z^{48} \\ &+7470204398321544632373386688 z^{46} \\ &+3835149863921898495477910119 z^{44} \\ &+1691398946852210346673615668 z^{42} \\ &+639286155429365301701660649 z^{40} \\ &+206477581485346086709592136 z^{38} \\ &+56789515667912864617346133 z^{36} \\ &+13246001243194885126422084 z^{34} \\ &+2607356571587941792495995 z^{32} \\ &+430643498324926170028896 z^{30} \\ &+59280407354893752036270 z^{28} \\ &+6747986951230428468936 z^{26} \\ &+629490012271202524338 z^{24} \\ &+47636417286817523568 z^{22} \\ &+2892076791039183042 z^{20} \\ &+139250188328466312 z^{18} \\ &+5257412761015710 z^{16} \\ &+153954999576288 z^{14} + 3456765394173 z^{12} \\ &+58658436252 z^{10} + 737087283 z^8 + 6608952 z^6 \\ &+41391 z^4 + 108 z^2 + 1 \end{aligned} $	{[54, 3 $\sqrt{3}$]}
		$ \begin{aligned} &z^{108} + 432 z^{106} + 87048 z^{104} + 10864080 z^{102} \\ &+ 940632372 z^{100} + 59979454128 z^{98} \\ &+ 3201657417369 z^{96} + 142585944546240 z^{94} \\ &+ 5014862008748010 z^{92} \end{aligned} $	

$\{[108, 2, 97]\}$

$$\frac{x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1}{+1}$$

$$\begin{aligned} &+136127642207793120 z^{90} \\ &+2866291700850081612 z^{88} \\ &+47500620872054583456 z^{86} \\ &+629080910809545923100 z^{84} \\ &+6747688219694406232032 z^{82} \\ &+59283037940730397443594 z^{80} \\ &+430653100354440100684992 z^{78} \\ &+2607362151267135848361831 z^{76} \\ &+13245961044358948695431760 z^{74} \\ &+56789427827206640220686388 z^{72} \\ &+206477622635547000478288176 z^{70} \\ &+639286490976059005045094160 z^{68} \\ &+1691399132974257934688807760 z^{66} \\ &+3835149181497254693637656415 z^{64} \\ &+7470203566017056214527344512 z^{62} \\ &+12523187041210857747036327084 z^{60} \\ &+18094727472858547800750803520 z^{58} \\ &+22557001838479503007071871512 z^{56} \\ &+24275180106353589730877571264 z^{54} \\ &+22557001838479503007071871512 z^{52} \\ &+18094727472858547800750803520 z^{50} \\ &+12523187041210857747036327084 z^{48} \\ &+7470203566017056214527344512 z^{46} \\ &+3835149181497254693637656415 z^{44} \\ &+1691399132974257934688807760 z^{42} \\ &+639286490976059005045094160 z^{40} \\ &+206477622635547000478288176 z^{38} \\ &+56789427827206640220686388 z^{36} \\ &+13245961044358948695431760 z^{34} \\ &+2607362151267135848361831 z^{32} \\ &+430653100354440100684992 z^{30} \end{aligned}$$

$\{[54, 3 \sqrt{3}]\}$

		$+59283037940730397443594 z^{28}$ $+6747688219694406232032 z^{26}$ $+629080910809545923100 z^{24}$ $+47500620872054583456 z^{22}$ $+2866291700850081612 z^{20}$ $+136127642207793120 z^{18}$ $+5014862008748010 z^{16}$ $+142585944546240 z^{14} + 3201657417369 z^{12}$ $+59979454128 z^{10} + 940632372 z^8 + 10864080 z^6$ $+87048 z^4 + 432 z^2 + 1$	
		$z^{108} + 270 z^{106} + 46359 z^{104} + 6687540 z^{102}$ $+ 735258843 z^{100} + 58664339910 z^{98}$ $+ 3456827103069 z^{96} + 153954521440848 z^{94}$ $+ 5257412413588350 z^{92}$ $+ 139250207064028308 z^{90}$ $+ 2892076688547485010 z^{88}$ $+ 47636417500825187304 z^{86}$ $+ 629490012644539640898 z^{84}$ $+ 6747986947256144946612 z^{82}$ $+ 59280407367517434459150 z^{80}$ $+ 430643498307786706684176 z^{78}$ $+ 2607356571566647792007259 z^{76}$ $+ 13246001243361051150896874 z^{74}$ $+ 56789515667487402661045677 z^{72}$ $+ 206477581485956571301474188 z^{70}$ $+ 639286155429051391471233153 z^{68}$ $+ 1691398946851456050781403778 z^{66}$ $+ 3835149863924065472968254759 z^{64}$ $+ 7470204398318974128825009312 z^{62}$ $+ 12523186255358023976577033108 z^{60}$ $+ 18094725794256917906105717112 z^{58}$	

{[108, 2, 97]}	$x^{11} + x^{10} + x^9 + x^2 + x + 1$	$ \begin{aligned} &+22557002197382752585177449036 z^{56} \\ &+24275182191437859848603058864 z^{54} \\ &+22557002197382752585177449036 z^{52} \\ &+18094725794256917906105717112 z^{50} \\ &+12523186255358023976577033108 z^{48} \\ &+7470204398318974128825009312 z^{46} \\ &+3835149863924065472968254759 z^{44} \\ &+1691398946851456050781403778 z^{42} \\ &+639286155429051391471233153 z^{40} \\ &+206477581485956571301474188 z^{38} \\ &+56789515667487402661045677 z^{36} \\ &+13246001243361051150896874 z^{34} \\ &+2607356571566647792007259 z^{32} \\ &+430643498307786706684176 z^{30} \\ &+59280407367517434459150 z^{28} \\ &+6747986947256144946612 z^{26} \\ &+629490012644539640898 z^{24} \\ &+47636417500825187304 z^{22} \\ &+2892076688547485010 z^{20} \\ &+139250207064028308 z^{18} \\ &+5257412413588350 z^{16} \\ &+153954521440848 z^{14} + 3456827103069 z^{12} \\ &+58664339910 z^{10} + 735258843 z^8 + 6687540 z^6 \\ &+46359 z^4 + 270 z^2 + 1 \end{aligned} $	{[54, 3 $\sqrt{3}$]}
		$ \begin{aligned} &z^{110} + 495 z^{108} + 113685 z^{106} + 16077435 z^{104} \\ &+ 1567170495 z^{102} + 111709743761 z^{100} \\ &+ 6031173003075 z^{98} + 252198778303725 z^{96} \\ &+ 8290024552654350 z^{94} \\ &+ 216441371968722450 z^{92} \\ &+ 4523971988284959430 z^{90} \\ &+ 76218774576565786650 z^{88} \end{aligned} $	

$\{[110, 2, 99]\}$ $x^{11} + 1$
$$\begin{aligned} &+1042059655876426461450 z^{86} \\ &+11643442634834526388950 z^{84} \\ &+107105558013879191251650 z^{82} \\ &+817048519290951851165790 z^{80} \\ &+5204686411737133870351275 z^{78} \\ &+27861498131354054360540325 z^{76} \\ &+126045850786243997500081575 z^{74} \\ &+484289482932090894516230025 z^{72} \\ &+1586976067290114263816522205 z^{70} \\ &+4451247617668690623513837075 z^{68} \\ &+10718726476371880510919313225 z^{66} \\ &+22214192277654321847400571975 z^{64} \\ &+39702030860443552115957867700 z^{62} \\ &+61287007015776287960181619212 z^{60} \\ &+81808385859908452420541044740 z^{58} \\ &+94499745443135292704986018620 z^{56} \\ &+94499745443135292704986018620 z^{54} \\ &+81808385859908452420541044740 z^{52} \\ &+61287007015776287960181619212 z^{50} \\ &+39702030860443552115957867700 z^{48} \\ &+22214192277654321847400571975 z^{46} \\ &+10718726476371880510919313225 z^{44} \\ &+4451247617668690623513837075 z^{42} \\ &+1586976067290114263816522205 z^{40} \\ &+484289482932090894516230025 z^{38} \\ &+126045850786243997500081575 z^{36} \\ &+27861498131354054360540325 z^{34} \\ &+5204686411737133870351275 z^{32} \\ &+817048519290951851165790 z^{30} \\ &+107105558013879191251650 z^{28} \\ &+11643442634834526388950 z^{26} \end{aligned}$$
 $\left\{ \left[55, \frac{\sqrt{110}}{2} \right] \right\}$

		$+1042059655876426461450 z^{24}$ $+76218774576565786650 z^{22}$ $+4523971988284959430 z^{20}$ $+216441371968722450 z^{18}$ $+8290024552654350 z^{16}$ $+252198778303725 z^{14} + 6031173003075 z^{12}$ $+111709743761 z^{10} + 1567170495 z^8$ $+16077435 z^6 + 113685 z^4 + 495 z^2 + 1$	
		$z^{112} + 56 z^{110} + 23716 z^{108} + 4449480 z^{106}$ $+ 635061882 z^{104} + 63606515112 z^{102}$ $+ 4567701735156 z^{100} + 239591585723736 z^{98}$ $+ 9356069621849083 z^{96}$ $+ 277481669547606160 z^{94}$ $+ 6374260012048998552 z^{92}$ $+ 115470322454668921712 z^{90}$ $+ 1675500511874639264164 z^{88}$ $+ 19734944180980872755184 z^{86}$ $+ 190824334644565626925912 z^{84}$ $+ 1529228034225316700576784 z^{82}$ $+ 10239041084488668566866185 z^{80}$ $+ 57674444131645922002999528 z^{78}$ $+ 274914855317875484981874220 z^{76}$ $+ 1114519732898905725126377496 z^{74}$ $+ 3859381807107093196133951782 z^{72}$ $+ 11457119378648158911034901624 z^{70}$ $+ 29248354356449179125674367420 z^{68}$ $+ 64374639121642834698743456392 z^{66}$ $+ 122414540026900808931667921659 z^{64}$ $+ 201459356921219809368864256608 z^{62}$ $+ 287299881966671343706628104336 z^{60}$ $+ 355360441436828881647083580832 z^{58}$	

{[112, 2, 101]}	$x^{11} + x^7 + x^4 + 1$	$ \begin{aligned} &+381435591108766297885868281208 z^{56} \\ &+355360441436828881647083580832 z^{54} \\ &+287299881966671343706628104336 z^{52} \\ &+201459356921219809368864256608 z^{50} \\ &+122414540026900808931667921659 z^{48} \\ &+64374639121642834698743456392 z^{46} \\ &+29248354356449179125674367420 z^{44} \\ &+11457119378648158911034901624 z^{42} \\ &+3859381807107093196133951782 z^{40} \\ &+1114519732898905725126377496 z^{38} \\ &+274914855317875484981874220 z^{36} \\ &+57674444131645922002999528 z^{34} \\ &+10239041084488668566866185 z^{32} \\ &+1529228034225316700576784 z^{30} \\ &+190824334644565626925912 z^{28} \\ &+19734944180980872755184 z^{26} \\ &+1675500511874639264164 z^{24} \\ &+115470322454668921712 z^{22} \\ &+6374260012048998552 z^{20} \\ &+277481669547606160 z^{18} \\ &+9356069621849083 z^{16} \\ &+239591585723736 z^{14} + 4567701735156 z^{12} \\ &+63606515112 z^{10} + 635061882 z^8 + 4449480 z^6 \\ &+23716 z^4 + 56 z^2 + 1 \end{aligned} $	{[56, 2 $\sqrt{7}$]}
		$ \begin{aligned} &z^{112} + 168 z^{110} + 22596 z^{108} + 3414488 z^{106} \\ &+ 505321530 z^{104} + 56141191288 z^{102} \\ &+ 4323036027156 z^{100} + 234666109805064 z^{98} \\ &+ 9293058311391995 z^{96} \\ &+ 276973953362611120 z^{94} \\ &+ 6371904174087389784 z^{92} \\ &+ 115466617887625461072 z^{90} \end{aligned} $	

$\{[112, 2, 101]\}$

$$x^{11} + x^8 + x^6 + x^5 + x^4 + x^3 + x + 1$$

$$\begin{aligned}
&+1675520458600577262884 z^{88} \\
&+19735053332823434121936 z^{86} \\
&+190824396137174418193176 z^{84} \\
&+1529227227189103404570160 z^{82} \\
&+10239039532514558747655177 z^{80} \\
&+57674447309289582641865912 z^{78} \\
&+274914865601153739847165196 z^{76} \\
&+1114519725215886227869272264 z^{74} \\
&+3859381766275156677482716006 z^{72} \\
&+11457119390450368602075775464 z^{70} \\
&+29248354469081138835890888988 z^{68} \\
&+64374639110372516440401513368 z^{66} \\
&+122414539799051821946320529659 z^{64} \\
&+201459356927462563181379341088 z^{62} \\
&+287299882312324125079930358544 z^{60} \\
&+355360441435261713825393177312 z^{58} \\
&+381435590711938013955412323960 z^{56} \\
&+355360441435261713825393177312 z^{54} \\
&+287299882312324125079930358544 z^{52} \\
&+201459356927462563181379341088 z^{50} \\
&+122414539799051821946320529659 z^{48} \\
&+64374639110372516440401513368 z^{46} \\
&+29248354469081138835890888988 z^{44} \\
&+11457119390450368602075775464 z^{42} \\
&+3859381766275156677482716006 z^{40} \\
&+1114519725215886227869272264 z^{38} \\
&+274914865601153739847165196 z^{36} \\
&+57674447309289582641865912 z^{34} \\
&+10239039532514558747655177 z^{32} \\
&+1529227227189103404570160 z^{30} \\
&+190824396137174418193176 z^{28}
\end{aligned}$$

$\{[56, 2\sqrt{7}]\}$

		$+19735053332823434121936 z^{26}$ $+1675520458600577262884 z^{24}$ $+115466617887625461072 z^{22}$ $+6371904174087389784 z^{20}$ $+276973953362611120 z^{18}$ $+9293058311391995 z^{16}$ $+234666109805064 z^{14} + 4323036027156 z^{12}$ $+56141191288 z^{10} + 505321530 z^8 + 3414488 z^6$ $+22596 z^4 + 168 z^2 + 1$	
		$z^{112} + 392 z^{110} + 72324 z^{108} + 8347640 z^{106}$ $+ 793228730 z^{104} + 67088693784 z^{102}$ $+ 4606596248660 z^{100} + 239740962147176 z^{98}$ $+ 9355212174627067 z^{96}$ $+ 277474284643201520 z^{94}$ $+ 6374270013204178904 z^{92}$ $+ 115470468678514866448 z^{90}$ $+ 1675500353169340231716 z^{88}$ $+ 19734942475873440555152 z^{86}$ $+ 190824337356995656481944 z^{84}$ $+ 1529228046059991448181360 z^{82}$ $+ 10239041054745810828339721 z^{80}$ $+ 57674444091953979343948888 z^{78}$ $+ 274914855505865953822708684 z^{76}$ $+ 1114519732874453914798480936 z^{74}$ $+ 3859381806444805498280502758 z^{72}$ $+ 11457119379396824813714038984 z^{70}$ $+ 29248354357509498592807898332 z^{68}$ $+ 64374639118861855200826097080 z^{66}$ $+ 122414540027304856964241700091 z^{64}$ $+ 201459356925799499936695950496 z^{62}$ $+ 287299881962167228500824976400 z^{60}$	

$\{[112, 2, 101]\}$	$x^{11} + x^9 + x^8 + x^7 + x^4 + x^2 + x + 1$	$ \begin{aligned} &+355360441434335379868357610848 z^{58} \\ &+381435591115848747656579778680 z^{56} \\ &+355360441434335379868357610848 z^{54} \\ &+287299881962167228500824976400 z^{52} \\ &+201459356925799499936695950496 z^{50} \\ &+122414540027304856964241700091 z^{48} \\ &+64374639118861855200826097080 z^{46} \\ &+29248354357509498592807898332 z^{44} \\ &+11457119379396824813714038984 z^{42} \\ &+3859381806444805498280502758 z^{40} \\ &+1114519732874453914798480936 z^{38} \\ &+274914855505865953822708684 z^{36} \\ &+57674444091953979343948888 z^{34} \\ &+10239041054745810828339721 z^{32} \\ &+1529228046059991448181360 z^{30} \\ &+190824337356995656481944 z^{28} \\ &+19734942475873440555152 z^{26} \\ &+1675500353169340231716 z^{24} \\ &+115470468678514866448 z^{22} \\ &+6374270013204178904 z^{20} \\ &+277474284643201520 z^{18} \\ &+9355212174627067 z^{16} \\ &+239740962147176 z^{14} + 4606596248660 z^{12} \\ &+67088693784 z^{10} + 793228730 z^8 + 8347640 z^6 \\ &+72324 z^4 + 392 z^2 + 1 \end{aligned} $	$\{[56, 2\sqrt{7}]\}$
		$ \begin{aligned} &z^{112} + 56 z^{110} + 30660 z^{108} + 5907272 z^{106} \\ &+ 779603258 z^{104} + 72543107112 z^{102} \\ &+ 4923980830356 z^{100} + 248896640273240 z^{98} \\ &+ 9517937817272059 z^{96} \\ &+ 279375630520987280 z^{94} \\ &+ 6388988535467560792 z^{92} \end{aligned} $	

$$\{[112, 2, 101]\} x^{11} + x^9 + x^8 + x^3 + x + 1$$

$$\begin{aligned}
&+115541889769125442672 z^{90} \\
&+1675668496260152831780 z^{88} \\
&+19734744965380571713776 z^{86} \\
&+190821886695809255149592 z^{84} \\
&+1529223360504162237919760 z^{82} \\
&+10239049288860310211305481 z^{80} \\
&+57674486034633348241929960 z^{78} \\
&+274914867055258274122953612 z^{76} \\
&+1114519561420987628081200536 z^{74} \\
&+3859381622311961224657376870 z^{72} \\
&+11457119805058589395734275576 z^{70} \\
&+29248355091554509621572683164 z^{68} \\
&+64374638431855738004564487816 z^{66} \\
&+122414538278916068860536197371 z^{64} \\
&+201459357619414651440238095968 z^{62} \\
&+287299884818581740286285781264 z^{60} \\
&+355360441136403117019846261664 z^{58} \\
&+381435587764905197407024052856 z^{56} \\
&+355360441136403117019846261664 z^{54} \\
&+287299884818581740286285781264 z^{52} \\
&+201459357619414651440238095968 z^{50} \\
&+122414538278916068860536197371 z^{48} \\
&+64374638431855738004564487816 z^{46} \\
&+29248355091554509621572683164 z^{44} \\
&+11457119805058589395734275576 z^{42} \\
&+3859381622311961224657376870 z^{40} \\
&+1114519561420987628081200536 z^{38} \\
&+274914867055258274122953612 z^{36} \\
&+57674486034633348241929960 z^{34} \\
&+10239049288860310211305481 z^{32} \\
&+1529223360504162237919760 z^{30}
\end{aligned}$$

$$\{[56, 2\sqrt{7}]\}$$

		$+190821886695809255149592 z^{28}$ $+19734744965380571713776 z^{26}$ $+1675668496260152831780 z^{24}$ $+115541889769125442672 z^{22}$ $+6388988535467560792 z^{20}$ $+279375630520987280 z^{18}$ $+9517937817272059 z^{16}$ $+248896640273240 z^{14} + 4923980830356 z^{12}$ $+72543107112 z^{10} + 779603258 z^8 + 5907272 z^6$ $+30660 z^4 + 56 z^2 + 1$	
		$z^{112} + 56 z^{110} + 27300 z^{108} + 3947720 z^{106}$ $+ 523979386 z^{104} + 56361516456 z^{102}$ $+ 4323206663412 z^{100} + 234653303199064 z^{98}$ $+ 9293035919404027 z^{96}$ $+ 276974394441097360 z^{94}$ $+ 6371904112206181528 z^{92}$ $+ 115466609771702205296 z^{90}$ $+ 1675520474811466809764 z^{88}$ $+ 19735053396734187775984 z^{86}$ $+ 190824395859258562471768 z^{84}$ $+ 1529227227193570231712784 z^{82}$ $+ 10239039534434596248721673 z^{80}$ $+ 57674447305639376650385640 z^{78}$ $+ 274914865598423070914689068 z^{76}$ $+ 1114519725235598359618119704 z^{74}$ $+ 3859381766252867685228848422 z^{72}$ $+ 11457119390423982681374387320 z^{70}$ $+ 29248354469181136294583458748 z^{68}$ $+ 64374639110288343992127808136 z^{66}$ $+ 122414539798972257790333414139 z^{64}$ $+ 201459356927697892335414227552 z^{62}$	

$\{[112, 2, 101]\}$	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x + 1$	$ \begin{aligned} &+287299882312173811828005771408 z^{60} \\ &+355360441435120820424425737632 z^{58} \\ &+381435590712244496679321288056 z^{56} \\ &+355360441435120820424425737632 z^{54} \\ &+287299882312173811828005771408 z^{52} \\ &+201459356927697892335414227552 z^{50} \\ &+122414539798972257790333414139 z^{48} \\ &+64374639110288343992127808136 z^{46} \\ &+29248354469181136294583458748 z^{44} \\ &+11457119390423982681374387320 z^{42} \\ &+3859381766252867685228848422 z^{40} \\ &+1114519725235598359618119704 z^{38} \\ &+274914865598423070914689068 z^{36} \\ &+57674447305639376650385640 z^{34} \\ &+10239039534434596248721673 z^{32} \\ &+1529227227193570231712784 z^{30} \\ &+190824395859258562471768 z^{28} \\ &+19735053396734187775984 z^{26} \\ &+1675520474811466809764 z^{24} \\ &+115466609771702205296 z^{22} \\ &+6371904112206181528 z^{20} \\ &+276974394441097360 z^{18} \\ &+9293035919404027 z^{16} \\ &+234653303199064 z^{14} + 4323206663412 z^{12} \\ &+56361516456 z^{10} + 523979386 z^8 + 3947720 z^6 \\ &+27300 z^4 + 56 z^2 + 1 \end{aligned} $	$\{[56, 2\sqrt{7}]\}$
		$ \begin{aligned} &z^{112} + 336 z^{110} + 63084 z^{108} + 7974960 z^{106} \\ &+ 840421834 z^{104} + 73197180784 z^{102} \\ &+ 4923856149212 z^{100} + 248859953189904 z^{98} \\ &+ 9517897224299835 z^{96} \\ &+ 279376775130940256 z^{94} \end{aligned} $	

$\{[112, 2, 101]\}$

$$x^{11} + x^{10} + x^9 + x^8 + x^3 + x^2 + x + 1$$

$$\begin{aligned}
&+6388988502861487432 z^{92} \\
&+115541867685150114208 z^{90} \\
&+1675668535896007092804 z^{88} \\
&+19734745160460466594976 z^{86} \\
&+190821885924914368702344 z^{84} \\
&+1529223360362150079428704 z^{82} \\
&+10239049294495455988600137 z^{80} \\
&+57674486025091856666265968 z^{78} \\
&+274914867044029998588130692 z^{76} \\
&+1114519561481414037244403472 z^{74} \\
&+3859381622252798162868736214 z^{72} \\
&+11457119804961019813385986896 z^{70} \\
&+29248355091865943519348491188 z^{68} \\
&+64374638431631425028268812080 z^{66} \\
&+122414538278597869370667220347 z^{64} \\
&+201459357620206472478915542592 z^{62} \\
&+287299884818119208955608969392 z^{60} \\
&+355360441135880009730071482304 z^{58} \\
&+381435587765979269899873846840 z^{56} \\
&+355360441135880009730071482304 z^{54} \\
&+287299884818119208955608969392 z^{52} \\
&+201459357620206472478915542592 z^{50} \\
&+122414538278597869370667220347 z^{48} \\
&+64374638431631425028268812080 z^{46} \\
&+29248355091865943519348491188 z^{44} \\
&+11457119804961019813385986896 z^{42} \\
&+3859381622252798162868736214 z^{40} \\
&+1114519561481414037244403472 z^{38} \\
&+274914867044029998588130692 z^{36} \\
&+57674486025091856666265968 z^{34} \\
&+10239049294495455988600137 z^{32}
\end{aligned}$$

$\{[56, 2\sqrt{7}]\}$

		$+1529223360362150079428704 z^{30}$ $+190821885924914368702344 z^{28}$ $+19734745160460466594976 z^{26}$ $+1675668535896007092804 z^{24}$ $+115541867685150114208 z^{22}$ $+6388988502861487432 z^{20}$ $+279376775130940256 z^{18}$ $+9517897224299835 z^{16}$ $+248859953189904 z^{14} + 4923856149212 z^{12}$ $+73197180784 z^{10} + 840421834 z^8 + 7974960 z^6$ $+63084 z^4 + 336 z^2 + 1$	
		$z^{112} + 392 z^{110} + 72324 z^{108} + 8347640 z^{106}$ $+ 793228730 z^{104} + 67088693784 z^{102}$ $+ 4606596248660 z^{100} + 239740962147176 z^{98}$ $+ 9355212174627067 z^{96}$ $+ 277474284643201520 z^{94}$ $+ 6374270013204178904 z^{92}$ $+ 115470468678514866448 z^{90}$ $+ 1675500353169340231716 z^{88}$ $+ 19734942475873440555152 z^{86}$ $+ 190824337356995656481944 z^{84}$ $+ 1529228046059991448181360 z^{82}$ $+ 10239041054745810828339721 z^{80}$ $+ 57674444091953979343948888 z^{78}$ $+ 274914855505865953822708684 z^{76}$ $+ 1114519732874453914798480936 z^{74}$ $+ 3859381806444805498280502758 z^{72}$ $+ 11457119379396824813714038984 z^{70}$ $+ 29248354357509498592807898332 z^{68}$ $+ 64374639118861855200826097080 z^{66}$ $+ 122414540027304856964241700091 z^{64}$	

$\{[112, 2, 101]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} &+201459356925799499936695950496 z^{62} \\ &+287299881962167228500824976400 z^{60} \\ &+355360441434335379868357610848 z^{58} \\ &+381435591115848747656579778680 z^{56} \\ &+355360441434335379868357610848 z^{54} \\ &+287299881962167228500824976400 z^{52} \\ &+201459356925799499936695950496 z^{50} \\ &+122414540027304856964241700091 z^{48} \\ &+64374639118861855200826097080 z^{46} \\ &+29248354357509498592807898332 z^{44} \\ &+11457119379396824813714038984 z^{42} \\ &+3859381806444805498280502758 z^{40} \\ &+1114519732874453914798480936 z^{38} \\ &+274914855505865953822708684 z^{36} \\ &+57674444091953979343948888 z^{34} \\ &+10239041054745810828339721 z^{32} \\ &+1529228046059991448181360 z^{30} \\ &+190824337356995656481944 z^{28} \\ &+19734942475873440555152 z^{26} \\ &+1675500353169340231716 z^{24} \\ &+115470468678514866448 z^{22} \\ &+6374270013204178904 z^{20} \\ &+277474284643201520 z^{18} \\ &+9355212174627067 z^{16} \\ &+239740962147176 z^{14} + 4606596248660 z^{12} \\ &+67088693784 z^{10} + 793228730 z^8 + 8347640 z^6 \\ &+72324 z^4 + 392 z^2 + 1 \end{aligned} $	$\{[56, 2\sqrt{7}]\}$
		$ \begin{aligned} &z^{112} + 168 z^{110} + 22596 z^{108} + 3414488 z^{106} \\ &+ 505321530 z^{104} + 56141191288 z^{102} \\ &+ 4323036027156 z^{100} + 234666109805064 z^{98} \\ &+ 9293058311391995 z^{96} \end{aligned} $	

$\{[112, 2, 101]\}$

$$x^{11} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^3 + 1$$

$$\begin{aligned} &+276973953362611120 z^{94} \\ &+6371904174087389784 z^{92} \\ &+115466617887625461072 z^{90} \\ &+1675520458600577262884 z^{88} \\ &+19735053332823434121936 z^{86} \\ &+190824396137174418193176 z^{84} \\ &+1529227227189103404570160 z^{82} \\ &+10239039532514558747655177 z^{80} \\ &+57674447309289582641865912 z^{78} \\ &+274914865601153739847165196 z^{76} \\ &+1114519725215886227869272264 z^{74} \\ &+3859381766275156677482716006 z^{72} \\ &+11457119390450368602075775464 z^{70} \\ &+29248354469081138835890888988 z^{68} \\ &+64374639110372516440401513368 z^{66} \\ &+122414539799051821946320529659 z^{64} \\ &+201459356927462563181379341088 z^{62} \\ &+287299882312324125079930358544 z^{60} \\ &+355360441435261713825393177312 z^{58} \\ &+381435590711938013955412323960 z^{56} \\ &+355360441435261713825393177312 z^{54} \\ &+287299882312324125079930358544 z^{52} \\ &+201459356927462563181379341088 z^{50} \\ &+122414539799051821946320529659 z^{48} \\ &+64374639110372516440401513368 z^{46} \\ &+29248354469081138835890888988 z^{44} \\ &+11457119390450368602075775464 z^{42} \\ &+3859381766275156677482716006 z^{40} \\ &+1114519725215886227869272264 z^{38} \\ &+274914865601153739847165196 z^{36} \\ &+57674447309289582641865912 z^{34} \end{aligned}$$

 $\{[56, 2\sqrt{7}]\}$

		$+10239039532514558747655177 z^{32}$ $+1529227227189103404570160 z^{30}$ $+190824396137174418193176 z^{28}$ $+19735053332823434121936 z^{26}$ $+1675520458600577262884 z^{24}$ $+115466617887625461072 z^{22}$ $+6371904174087389784 z^{20}$ $+276973953362611120 z^{18}$ $+9293058311391995 z^{16}$ $+234666109805064 z^{14} + 4323036027156 z^{12}$ $+56141191288 z^{10} + 505321530 z^8 + 3414488 z^6$ $+22596 z^4 + 168 z^2 + 1$	
		$z^{112} + 56 z^{110} + 30660 z^{108} + 5907272 z^{106}$ $+ 779603258 z^{104} + 72543107112 z^{102}$ $+ 4923980830356 z^{100} + 248896640273240 z^{98}$ $+ 9517937817272059 z^{96}$ $+ 279375630520987280 z^{94}$ $+ 6388988535467560792 z^{92}$ $+ 115541889769125442672 z^{90}$ $+ 1675668496260152831780 z^{88}$ $+ 19734744965380571713776 z^{86}$ $+ 190821886695809255149592 z^{84}$ $+ 1529223360504162237919760 z^{82}$ $+ 10239049288860310211305481 z^{80}$ $+ 57674486034633348241929960 z^{78}$ $+ 274914867055258274122953612 z^{76}$ $+ 1114519561420987628081200536 z^{74}$ $+ 3859381622311961224657376870 z^{72}$ $+ 11457119805058589395734275576 z^{70}$ $+ 29248355091554509621572683164 z^{68}$ $+ 64374638431855738004564487816 z^{66}$	

$\{[112, 2, 101]\}$	$x^{11} + x^{10} + x^8 + x^3 + x^2 + 1$	$ \begin{aligned} &+122414538278916068860536197371 z^{64} \\ &+201459357619414651440238095968 z^{62} \\ &+287299884818581740286285781264 z^{60} \\ &+355360441136403117019846261664 z^{58} \\ &+381435587764905197407024052856 z^{56} \\ &+355360441136403117019846261664 z^{54} \\ &+287299884818581740286285781264 z^{52} \\ &+201459357619414651440238095968 z^{50} \\ &+122414538278916068860536197371 z^{48} \\ &+64374638431855738004564487816 z^{46} \\ &+29248355091554509621572683164 z^{44} \\ &+11457119805058589395734275576 z^{42} \\ &+3859381622311961224657376870 z^{40} \\ &+1114519561420987628081200536 z^{38} \\ &+274914867055258274122953612 z^{36} \\ &+57674486034633348241929960 z^{34} \\ &+10239049288860310211305481 z^{32} \\ &+1529223360504162237919760 z^{30} \\ &+190821886695809255149592 z^{28} \\ &+19734744965380571713776 z^{26} \\ &+1675668496260152831780 z^{24} \\ &+115541889769125442672 z^{22} \\ &+6388988535467560792 z^{20} \\ &+279375630520987280 z^{18} \\ &+9517937817272059 z^{16} \\ &+248896640273240 z^{14} + 4923980830356 z^{12} \\ &+72543107112 z^{10} + 779603258 z^8 + 5907272 z^6 \\ &+30660 z^4 + 56 z^2 + 1 \end{aligned} $	$\{[56, 2\sqrt{7}]\}$
		$ \begin{aligned} &z^{112} + 56 z^{110} + 27300 z^{108} + 3947720 z^{106} \\ &+ 523979386 z^{104} + 56361516456 z^{102} \\ &+ 4323206663412 z^{100} + 234653303199064 z^{98} \end{aligned} $	

$\{[112, 2, 101]\}$

$$x^{11} + x^{10} + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned} &+9293035919404027 z^{96} \\ &+276974394441097360 z^{94} \\ &+6371904112206181528 z^{92} \\ &+115466609771702205296 z^{90} \\ &+1675520474811466809764 z^{88} \\ &+19735053396734187775984 z^{86} \\ &+190824395859258562471768 z^{84} \\ &+1529227227193570231712784 z^{82} \\ &+10239039534434596248721673 z^{80} \\ &+57674447305639376650385640 z^{78} \\ &+274914865598423070914689068 z^{76} \\ &+1114519725235598359618119704 z^{74} \\ &+3859381766252867685228848422 z^{72} \\ &+11457119390423982681374387320 z^{70} \\ &+29248354469181136294583458748 z^{68} \\ &+64374639110288343992127808136 z^{66} \\ &+122414539798972257790333414139 z^{64} \\ &+201459356927697892335414227552 z^{62} \\ &+287299882312173811828005771408 z^{60} \\ &+355360441435120820424425737632 z^{58} \\ &+381435590712244496679321288056 z^{56} \\ &+355360441435120820424425737632 z^{54} \\ &+287299882312173811828005771408 z^{52} \\ &+201459356927697892335414227552 z^{50} \\ &+122414539798972257790333414139 z^{48} \\ &+64374639110288343992127808136 z^{46} \\ &+29248354469181136294583458748 z^{44} \\ &+11457119390423982681374387320 z^{42} \\ &+3859381766252867685228848422 z^{40} \\ &+1114519725235598359618119704 z^{38} \\ &+274914865598423070914689068 z^{36} \end{aligned}$$

$\{[56, 2\sqrt{7}]\}$

		$+57674447305639376650385640 z^{34}$ $+10239039534434596248721673 z^{32}$ $+1529227227193570231712784 z^{30}$ $+190824395859258562471768 z^{28}$ $+19735053396734187775984 z^{26}$ $+1675520474811466809764 z^{24}$ $+115466609771702205296 z^{22}$ $+6371904112206181528 z^{20}$ $+276974394441097360 z^{18}$ $+9293035919404027 z^{16}$ $+234653303199064 z^{14} + 4323206663412 z^{12}$ $+56361516456 z^{10} + 523979386 z^8 + 3947720 z^6$ $+27300 z^4 + 56 z^2 + 1$	
		$z^{115} + 230 z^{113} + 25415 z^{111} + 1796300 z^{109}$ $+ 19765625 z^{108} + 288869075 z^{107}$ $+ 3439218750 z^{106} + 36354265750 z^{105}$ $+ 347622359375 z^{104} + 3010989015125 z^{103}$ $+ 23855112687500 z^{102} + 173813048150000 z^{101}$ $+ 1170321152696875 z^{100}$ $+ 7314527059518750 z^{99}$ $+ 42596458114718750 z^{98}$ $+ 231913644112562500 z^{97}$ $+ 1183980361952128125 z^{96}$ $+ 5683106910405031250 z^{95}$ $+ 25709290678034150000 z^{94}$ $+ 109848790258118375000 z^{93}$ $+ 444171200990631728750 z^{92}$ $+ 1702656241245750731250 z^{91}$ $+ 6197668733619373172500 z^{90}$ $+ 21453468773370717912500 z^{89}$ $+ 70716989539715222568450 z^{88}$	

$\{[115, 2, 104]\}$

$$x^{11} + x^9 + x^7 + x^6 + x^5 + x + 1$$

$$\begin{aligned}
&+222253395685252024810750 z^{87} \\
&+666760187317108853075800 z^{86} \\
&+1911379203058352428302000 z^{85} \\
&+5240878460124296318958530 z^{84} \\
&+13757305959686989516430075 z^{83} \\
&+34601708926752642942940260 z^{82} \\
&+83451180350680576485164050 z^{81} \\
&+193129874531370770022296878 z^{80} \\
&+429177498955192005057275165 z^{79} \\
&+916351957224345192000287280 z^{78} \\
&+1880932964846636388823868980 z^{77} \\
&+3713636879299675920856038115 z^{76} \\
&+7055910070637768047383479881 z^{75} \\
&+12907152568289352447397452250 z^{74} \\
&+22741173572719473542678965650 z^{73} \\
&+38607108623375701781222547125 z^{72} \\
&+63175268656473238890021686575 z^{71} \\
&+99676534991366620416555712500 z^{70} \\
&+151681683682393466562485228000 z^{69} \\
&+222681620725307546252892276625 z^{68} \\
&+315465629360993983572490124500 z^{67} \\
&+431350962595385729947972830250 z^{66} \\
&+569383270625875926989610655000 z^{65} \\
&+725684560601912909081909754215 z^{64} \\
&+893150228432959445570909162700 z^{63} \\
&+1061669139457925156065623712480 z^{62} \\
&+1218953456414951598796853582800 z^{61} \\
&+1351930197114541685196504324788 z^{60} \\
&+1448496639765348977334551289580 z^{59} \\
&+1499321083266373252813711962360 z^{58} \\
&+1499321083266373252813711962360 z^{57}
\end{aligned}$$

$$\left\{ \left[\frac{115}{2}, \frac{\sqrt{115}}{2} \right] \right\}$$

	+1448496639765348977334551289580 z^{56}
	+1351930197114541685196504324788 z^{55}
	+1218953456414951598796853582800 z^{54}
	+1061669139457925156065623712480 z^{53}
	+893150228432959445570909162700 z^{52}
	+725684560601912909081909754215 z^{51}
	+569383270625875926989610655000 z^{50}
	+431350962595385729947972830250 z^{49}
	+315465629360993983572490124500 z^{48}
	+222681620725307546252892276625 z^{47}
	+151681683682393466562485228000 z^{46}
	+99676534991366620416555712500 z^{45}
	+63175268656473238890021686575 z^{44}
	+38607108623375701781222547125 z^{43}
	+22741173572719473542678965650 z^{42}
	+12907152568289352447397452250 z^{41}
	+7055910070637768047383479881 z^{40}
	+3713636879299675920856038115 z^{39}
	+1880932964846636388823868980 z^{38}
	+916351957224345192000287280 z^{37}
	+429177498955192005057275165 z^{36}
	+193129874531370770022296878 z^{35}
	+83451180350680576485164050 z^{34}
	+34601708926752642942940260 z^{33}
	+13757305959686989516430075 z^{32}
	+5240878460124296318958530 z^{31}
	+1911379203058352428302000 z^{30}
	+666760187317108853075800 z^{29}
	+222253395685252024810750 z^{28}
	+70716989539715222568450 z^{27}
	+21453468773370717912500 z^{26}

		$ \begin{aligned} &+6197668733619373172500 z^{25} \\ &+1702656241245750731250 z^{24} \\ &+444171200990631728750 z^{23} \\ &+109848790258118375000 z^{22} \\ &+25709290678034150000 z^{21} \\ &+5683106910405031250 z^{20} \\ &+1183980361952128125 z^{19} \\ &+231913644112562500 z^{18} \\ &+42596458114718750 z^{17} \\ &+7314527059518750 z^{16} \\ &+1170321152696875 z^{15} \\ &+173813048150000 z^{14} + 23855112687500 z^{13} \\ &+3010989015125 z^{12} + 347622359375 z^{11} \\ &+36354265750 z^{10} + 3439218750 z^9 \\ &+288869075 z^8 + 19765625 z^7 + 1796300 z^6 \\ &+25415 z^4 + 230 z^2 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{115} + 230 z^{113} + 25415 z^{111} + 1796300 z^{109} \\ &+ 19765625 z^{108} + 288869075 z^{107} \\ &+ 3439218750 z^{106} + 36354265750 z^{105} \\ &+ 347622359375 z^{104} + 3010989015125 z^{103} \\ &+ 23855112687500 z^{102} + 173813048150000 z^{101} \\ &+ 1170321152696875 z^{100} \\ &+ 7314527059518750 z^{99} \\ &+ 42596458114718750 z^{98} \\ &+ 231913644112562500 z^{97} \\ &+ 1183980361952128125 z^{96} \\ &+ 5683106910405031250 z^{95} \\ &+ 25709290678034150000 z^{94} \\ &+ 109848790258118375000 z^{93} \\ &+ 444171200990631728750 z^{92} \\ &+ 1702656241245750731250 z^{91} \end{aligned} $	

	+6197668733619373172500 z^{90}
	+21453468773370717912500 z^{89}
	+70716989539715222568450 z^{88}
	+222253395685252024810750 z^{87}
	+666760187317108853075800 z^{86}
	+1911379203058352428302000 z^{85}
	+5240878460124296318958530 z^{84}
	+13757305959686989516430075 z^{83}
	+34601708926752642942940260 z^{82}
	+83451180350680576485164050 z^{81}
	+193129874531370770022296878 z^{80}
	+429177498955192005057275165 z^{79}
	+916351957224345192000287280 z^{78}
	+1880932964846636388823868980 z^{77}
	+3713636879299675920856038115 z^{76}
	+7055910070637768047383479881 z^{75}
	+12907152568289352447397452250 z^{74}
	+22741173572719473542678965650 z^{73}
	+38607108623375701781222547125 z^{72}
	+63175268656473238890021686575 z^{71}
	+99676534991366620416555712500 z^{70}
	+151681683682393466562485228000 z^{69}
	+222681620725307546252892276625 z^{68}
	+315465629360993983572490124500 z^{67}
	+431350962595385729947972830250 z^{66}
	+569383270625875926989610655000 z^{65}
	+725684560601912909081909754215 z^{64}
	+893150228432959445570909162700 z^{63}
	+1061669139457925156065623712480 z^{62}
	+1218953456414951598796853582800 z^{61}
	+1351930197114541685196504324788 z^{60}

+1448496639765348977334551289580 z^{59}
 +1499321083266373252813711962360 z^{58}
 +1499321083266373252813711962360 z^{57}
 +1448496639765348977334551289580 z^{56}
 +1351930197114541685196504324788 z^{55}
 +1218953456414951598796853582800 z^{54}
 +1061669139457925156065623712480 z^{53}
 +893150228432959445570909162700 z^{52}
 +725684560601912909081909754215 z^{51}
 +569383270625875926989610655000 z^{50}
 +431350962595385729947972830250 z^{49}
 +315465629360993983572490124500 z^{48}
 +222681620725307546252892276625 z^{47}
 +151681683682393466562485228000 z^{46}
 +99676534991366620416555712500 z^{45}
 +63175268656473238890021686575 z^{44}
 +38607108623375701781222547125 z^{43}
 +22741173572719473542678965650 z^{42}
 +12907152568289352447397452250 z^{41}
 +7055910070637768047383479881 z^{40}
 +3713636879299675920856038115 z^{39}
 +1880932964846636388823868980 z^{38}
 +916351957224345192000287280 z^{37}
 +429177498955192005057275165 z^{36}
 +193129874531370770022296878 z^{35}
 +83451180350680576485164050 z^{34}
 +34601708926752642942940260 z^{33}
 +13757305959686989516430075 z^{32}
 +5240878460124296318958530 z^{31}
 +1911379203058352428302000 z^{30}
 +666760187317108853075800 z^{29}

$$\left\{ \left[\frac{115}{2}, \frac{\sqrt{115}}{2} \right] \right\}$$

		$+222253395685252024810750 z^{28}$ $+70716989539715222568450 z^{27}$ $+21453468773370717912500 z^{26}$ $+6197668733619373172500 z^{25}$ $+1702656241245750731250 z^{24}$ $+444171200990631728750 z^{23}$ $+109848790258118375000 z^{22}$ $+25709290678034150000 z^{21}$ $+5683106910405031250 z^{20}$ $+1183980361952128125 z^{19}$ $+231913644112562500 z^{18}$ $+42596458114718750 z^{17}$ $+7314527059518750 z^{16}$ $+1170321152696875 z^{15}$ $+173813048150000 z^{14} + 23855112687500 z^{13}$ $+3010989015125 z^{12} + 347622359375 z^{11}$ $+36354265750 z^{10} + 3439218750 z^9$ $+288869075 z^8 + 19765625 z^7 + 1796300 z^6$ $+25415 z^4 + 230 z^2 + 1$	
		$z^{119} + 8687 z^{115} + 71400 z^{114} + 1794044 z^{113}$ $+ 26787614 z^{112} + 384290865 z^{111}$ $+ 4721721508 z^{110} + 51941193304 z^{109}$ $+ 514848557573 z^{108} + 4632982858497 z^{107}$ $+ 38133905896632 z^{106} + 288728796309716 z^{105}$ $+ 2021094616942373 z^{104}$ $+ 13137139234434740 z^{103}$ $+ 79595585228584012 z^{102}$ $+ 451041556716619400 z^{101}$ $+ 2397642254396129027 z^{100}$ $+ 11988210997474966226 z^{99}$ $+ 56515851330970005744 z^{98}$	

+251752431402077201736 z^{97}
+1061738511387844678129 z^{96}
+4246954040231607447526 z^{95}
+16138425373808912939128 z^{94}
+58346614797082148242832 z^{93}
+200971673161687123376422 z^{92}
+660335497632649779973942 z^{91}
+2072087251076043449413648 z^{90}
+6216261753076079207746488 z^{89}
+17846686969109647526692374 z^{88}
+49078389164696245608596111 z^{87}
+129388480524137916606611464 z^{86}
+327276744857194871153655408 z^{85}
+794814951795171517063577730 z^{84}
+1854568220851948043706034533 z^{83}
+4160247630567125833037945272 z^{82}
+8977376465959722720476446548 z^{81}
+18645320352363017424964371400 z^{80}
+37290640704742419256829470883 z^{79}
+71852697943292105732790116492 z^{78}
+133440724751794828994536870664 z^{77}
+238951995485802432882343868727 z^{76}
+412735264930040810314889748003 z^{75}
+687892108216648627969776640744 z^{74}
+1106609043652928686391116108156 z^{73}
+1718775748652517726937440105319 z^{72}
+2578163622978607852263765940166 z^{71}
+3735706474111863353339232419044 z^{70}
+5229989063756807741814865891288 z^{69}
+7075867556847261859891243975369 z^{68}
+9253057574338678147302443878284 z^{67}

+11697261461900133947583764236704 z^{66}
 +14296652897877710576532052331056 z^{65}
 +16896044333855284821897177002527 z^{64}
 +19309764952977891006394716800676 z^{63}
 +21342371790133364782314443087952 z^{62}
 +22814259499797403308365584525664 z^{61}
 +23587624228604428298780455148356 z^{60}
 +23587624228604428298780455148356 z^{59}
 +22814259499797403308365584525664 z^{58}
 +21342371790133364782314443087952 z^{57}
 +19309764952977891006394716800676 z^{56}
 +16896044333855284821897177002527 z^{55}
 +14296652897877710576532052331056 z^{54}
 +11697261461900133947583764236704 z^{53}
 +9253057574338678147302443878284 z^{52}
 +7075867556847261859891243975369 z^{51}
 +5229989063756807741814865891288 z^{50}
 +3735706474111863353339232419044 z^{49}
 +2578163622978607852263765940166 z^{48}
 +1718775748652517726937440105319 z^{47}
 +1106609043652928686391116108156 z^{46}
 +687892108216648627969776640744 z^{45}
 +412735264930040810314889748003 z^{44}
 +238951995485802432882343868727 z^{43}
 +133440724751794828994536870664 z^{42}
 +71852697943292105732790116492 z^{41}
 +37290640704742419256829470883 z^{40}
 +18645320352363017424964371400 z^{39}
 +8977376465959722720476446548 z^{38}
 +4160247630567125833037945272 z^{37}
 +1854568220851948043706034533 z^{36}

$$\left\{ \left[\frac{119}{2}, \frac{\sqrt{119}}{2} \right] \right\}$$

		$+794814951795171517063577730 z^{35}$ $+327276744857194871153655408 z^{34}$ $+129388480524137916606611464 z^{33}$ $+49078389164696245608596111 z^{32}$ $+17846686969109647526692374 z^{31}$ $+6216261753076079207746488 z^{30}$ $+2072087251076043449413648 z^{29}$ $+660335497632649779973942 z^{28}$ $+200971673161687123376422 z^{27}$ $+58346614797082148242832 z^{26}$ $+16138425373808912939128 z^{25}$ $+4246954040231607447526 z^{24}$ $+1061738511387844678129 z^{23}$ $+251752431402077201736 z^{22}$ $+56515851330970005744 z^{21}$ $+11988210997474966226 z^{20}$ $+2397642254396129027 z^{19}$ $+451041556716619400 z^{18}$ $+79595585228584012 z^{17}$ $+13137139234434740 z^{16}$ $+2021094616942373 z^{15}$ $+288728796309716 z^{14} + 38133905896632 z^{13}$ $+4632982858497 z^{12} + 514848557573 z^{11}$ $+51941193304 z^{10} + 4721721508 z^9$ $+384290865 z^8 + 26787614 z^7 + 1794044 z^6$ $+71400 z^5 + 8687 z^4 + 1$	
		$z^{119} + 8687 z^{115} + 71400 z^{114} + 1794044 z^{113}$ $+ 26787614 z^{112} + 384290865 z^{111}$ $+ 4721721508 z^{110} + 51941193304 z^{109}$ $+ 514848557573 z^{108} + 4632982858497 z^{107}$ $+ 38133905896632 z^{106} + 288728796309716 z^{105}$	

	+2021094616942373 z^{104}
	+13137139234434740 z^{103}
	+79595585228584012 z^{102}
	+451041556716619400 z^{101}
	+2397642254396129027 z^{100}
	+11988210997474966226 z^{99}
	+56515851330970005744 z^{98}
	+251752431402077201736 z^{97}
	+1061738511387844678129 z^{96}
	+4246954040231607447526 z^{95}
	+16138425373808912939128 z^{94}
	+58346614797082148242832 z^{93}
	+200971673161687123376422 z^{92}
	+660335497632649779973942 z^{91}
	+2072087251076043449413648 z^{90}
	+6216261753076079207746488 z^{89}
	+17846686969109647526692374 z^{88}
	+49078389164696245608596111 z^{87}
	+129388480524137916606611464 z^{86}
	+327276744857194871153655408 z^{85}
	+794814951795171517063577730 z^{84}
	+1854568220851948043706034533 z^{83}
	+4160247630567125833037945272 z^{82}
	+8977376465959722720476446548 z^{81}
	+18645320352363017424964371400 z^{80}
	+37290640704742419256829470883 z^{79}
	+71852697943292105732790116492 z^{78}
	+133440724751794828994536870664 z^{77}
	+238951995485802432882343868727 z^{76}
	+412735264930040810314889748003 z^{75}
	+687892108216648627969776640744 z^{74}

+1106609043652928686391116108156 z^{73}
 +1718775748652517726937440105319 z^{72}
 +2578163622978607852263765940166 z^{71}
 +3735706474111863353339232419044 z^{70}
 +5229989063756807741814865891288 z^{69}
 +7075867556847261859891243975369 z^{68}
 +9253057574338678147302443878284 z^{67}
 +11697261461900133947583764236704 z^{66}
 +14296652897877710576532052331056 z^{65}
 +16896044333855284821897177002527 z^{64}
 +19309764952977891006394716800676 z^{63}
 +21342371790133364782314443087952 z^{62}
 +22814259499797403308365584525664 z^{61}
 +23587624228604428298780455148356 z^{60}
 +23587624228604428298780455148356 z^{59}
 +22814259499797403308365584525664 z^{58}
 +21342371790133364782314443087952 z^{57}
 +19309764952977891006394716800676 z^{56}
 +16896044333855284821897177002527 z^{55}
 +14296652897877710576532052331056 z^{54}
 +11697261461900133947583764236704 z^{53}
 +9253057574338678147302443878284 z^{52}
 +7075867556847261859891243975369 z^{51}
 +5229989063756807741814865891288 z^{50}
 +3735706474111863353339232419044 z^{49}
 +2578163622978607852263765940166 z^{48}
 +1718775748652517726937440105319 z^{47}
 +1106609043652928686391116108156 z^{46}
 +687892108216648627969776640744 z^{45}
 +412735264930040810314889748003 z^{44}
 +238951995485802432882343868727 z^{43}

$$\left\{ \left[\frac{119}{2}, \frac{\sqrt{119}}{2} \right] \right\}$$

		+133440724751794828994536870664 z^{42}
		+71852697943292105732790116492 z^{41}
		+37290640704742419256829470883 z^{40}
		+18645320352363017424964371400 z^{39}
		+8977376465959722720476446548 z^{38}
		+4160247630567125833037945272 z^{37}
		+1854568220851948043706034533 z^{36}
		+794814951795171517063577730 z^{35}
		+327276744857194871153655408 z^{34}
		+129388480524137916606611464 z^{33}
		+49078389164696245608596111 z^{32}
		+17846686969109647526692374 z^{31}
		+6216261753076079207746488 z^{30}
		+2072087251076043449413648 z^{29}
		+660335497632649779973942 z^{28}
		+200971673161687123376422 z^{27}
		+58346614797082148242832 z^{26}
		+16138425373808912939128 z^{25}
		+4246954040231607447526 z^{24}
		+1061738511387844678129 z^{23}
		+251752431402077201736 z^{22}
		+56515851330970005744 z^{21}
		+11988210997474966226 z^{20}
		+2397642254396129027 z^{19}
		+451041556716619400 z^{18}
		+79595585228584012 z^{17}
		+13137139234434740 z^{16}
		+2021094616942373 z^{15}
		+288728796309716 z^{14} + 38133905896632 z^{13}
		+4632982858497 z^{12} + 514848557573 z^{11}
		+51941193304 z^{10} + 4721721508 z^9

		$+384290865 z^8 + 26787614 z^7 + 1794044 z^6$ $+71400 z^5 + 8687 z^4 + 1$	
		$z^{119} + 8687 z^{115} + 71400 z^{114} + 1794044 z^{113}$ $+ 26787614 z^{112} + 384290865 z^{111}$ $+ 4721721508 z^{110} + 51941193304 z^{109}$ $+ 514848557573 z^{108} + 4632982858497 z^{107}$ $+ 38133905896632 z^{106} + 288728796309716 z^{105}$ $+ 2021094616942373 z^{104}$ $+ 13137139234434740 z^{103}$ $+ 79595585228584012 z^{102}$ $+ 451041556716619400 z^{101}$ $+ 2397642254396129027 z^{100}$ $+ 11988210997474966226 z^{99}$ $+ 56515851330970005744 z^{98}$ $+ 251752431402077201736 z^{97}$ $+ 1061738511387844678129 z^{96}$ $+ 4246954040231607447526 z^{95}$ $+ 16138425373808912939128 z^{94}$ $+ 58346614797082148242832 z^{93}$ $+ 200971673161687123376422 z^{92}$ $+ 660335497632649779973942 z^{91}$ $+ 2072087251076043449413648 z^{90}$ $+ 6216261753076079207746488 z^{89}$ $+ 17846686969109647526692374 z^{88}$ $+ 49078389164696245608596111 z^{87}$ $+ 129388480524137916606611464 z^{86}$ $+ 327276744857194871153655408 z^{85}$ $+ 794814951795171517063577730 z^{84}$ $+ 1854568220851948043706034533 z^{83}$ $+ 4160247630567125833037945272 z^{82}$ $+ 8977376465959722720476446548 z^{81}$	

$$\{[119, 2, 108]\} x^{11} + x^{10} + x^7 + x^6 + 1$$

$$\begin{aligned}
&+18645320352363017424964371400 z^{80} \\
&+37290640704742419256829470883 z^{79} \\
&+71852697943292105732790116492 z^{78} \\
&+133440724751794828994536870664 z^{77} \\
&+238951995485802432882343868727 z^{76} \\
&+412735264930040810314889748003 z^{75} \\
&+687892108216648627969776640744 z^{74} \\
&+1106609043652928686391116108156 z^{73} \\
&+1718775748652517726937440105319 z^{72} \\
&+2578163622978607852263765940166 z^{71} \\
&+3735706474111863353339232419044 z^{70} \\
&+5229989063756807741814865891288 z^{69} \\
&+7075867556847261859891243975369 z^{68} \\
&+9253057574338678147302443878284 z^{67} \\
&+11697261461900133947583764236704 z^{66} \\
&+14296652897877710576532052331056 z^{65} \\
&+16896044333855284821897177002527 z^{64} \\
&+19309764952977891006394716800676 z^{63} \\
&+21342371790133364782314443087952 z^{62} \\
&+22814259499797403308365584525664 z^{61} \\
&+23587624228604428298780455148356 z^{60} \\
&+23587624228604428298780455148356 z^{59} \\
&+22814259499797403308365584525664 z^{58} \\
&+21342371790133364782314443087952 z^{57} \\
&+19309764952977891006394716800676 z^{56} \\
&+16896044333855284821897177002527 z^{55} \\
&+14296652897877710576532052331056 z^{54} \\
&+11697261461900133947583764236704 z^{53} \\
&+9253057574338678147302443878284 z^{52} \\
&+7075867556847261859891243975369 z^{51} \\
&+5229989063756807741814865891288 z^{50}
\end{aligned}$$

$$\left\{ \left[\frac{119}{2}, \frac{\sqrt{119}}{2} \right] \right\}$$

+3735706474111863353339232419044 z^{49}
+2578163622978607852263765940166 z^{48}
+1718775748652517726937440105319 z^{47}
+1106609043652928686391116108156 z^{46}
+687892108216648627969776640744 z^{45}
+412735264930040810314889748003 z^{44}
+238951995485802432882343868727 z^{43}
+133440724751794828994536870664 z^{42}
+71852697943292105732790116492 z^{41}
+37290640704742419256829470883 z^{40}
+18645320352363017424964371400 z^{39}
+8977376465959722720476446548 z^{38}
+4160247630567125833037945272 z^{37}
+1854568220851948043706034533 z^{36}
+794814951795171517063577730 z^{35}
+327276744857194871153655408 z^{34}
+129388480524137916606611464 z^{33}
+49078389164696245608596111 z^{32}
+17846686969109647526692374 z^{31}
+6216261753076079207746488 z^{30}
+2072087251076043449413648 z^{29}
+660335497632649779973942 z^{28}
+200971673161687123376422 z^{27}
+58346614797082148242832 z^{26}
+16138425373808912939128 z^{25}
+4246954040231607447526 z^{24}
+1061738511387844678129 z^{23}
+251752431402077201736 z^{22}
+56515851330970005744 z^{21}
+11988210997474966226 z^{20}
+2397642254396129027 z^{19}

		$+451041556716619400 z^{18}$ $+79595585228584012 z^{17}$ $+13137139234434740 z^{16}$ $+2021094616942373 z^{15}$ $+288728796309716 z^{14} + 38133905896632 z^{13}$ $+4632982858497 z^{12} + 514848557573 z^{11}$ $+51941193304 z^{10} + 4721721508 z^9$ $+384290865 z^8 + 26787614 z^7 + 1794044 z^6$ $+71400 z^5 + 8687 z^4 + 1$	
		$z^{119} + 8687 z^{115} + 71400 z^{114} + 1794044 z^{113}$ $+ 26787614 z^{112} + 384290865 z^{111}$ $+ 4721721508 z^{110} + 51941193304 z^{109}$ $+ 514848557573 z^{108} + 4632982858497 z^{107}$ $+ 38133905896632 z^{106} + 288728796309716 z^{105}$ $+ 2021094616942373 z^{104}$ $+ 13137139234434740 z^{103}$ $+ 79595585228584012 z^{102}$ $+ 451041556716619400 z^{101}$ $+ 2397642254396129027 z^{100}$ $+ 11988210997474966226 z^{99}$ $+ 56515851330970005744 z^{98}$ $+ 251752431402077201736 z^{97}$ $+ 1061738511387844678129 z^{96}$ $+ 4246954040231607447526 z^{95}$ $+ 16138425373808912939128 z^{94}$ $+ 58346614797082148242832 z^{93}$ $+ 200971673161687123376422 z^{92}$ $+ 660335497632649779973942 z^{91}$ $+ 2072087251076043449413648 z^{90}$ $+ 6216261753076079207746488 z^{89}$ $+ 17846686969109647526692374 z^{88}$	

$\{[119, 2, 108]\}$	$x^{11} + x^{10} + x^4 + x^2 + 1$	$+49078389164696245608596111 z^{87}$ $+129388480524137916606611464 z^{86}$ $+327276744857194871153655408 z^{85}$ $+794814951795171517063577730 z^{84}$ $+1854568220851948043706034533 z^{83}$ $+4160247630567125833037945272 z^{82}$ $+8977376465959722720476446548 z^{81}$ $+18645320352363017424964371400 z^{80}$ $+37290640704742419256829470883 z^{79}$ $+71852697943292105732790116492 z^{78}$ $+133440724751794828994536870664 z^{77}$ $+238951995485802432882343868727 z^{76}$ $+412735264930040810314889748003 z^{75}$ $+687892108216648627969776640744 z^{74}$ $+1106609043652928686391116108156 z^{73}$ $+1718775748652517726937440105319 z^{72}$ $+2578163622978607852263765940166 z^{71}$ $+3735706474111863353339232419044 z^{70}$ $+5229989063756807741814865891288 z^{69}$ $+7075867556847261859891243975369 z^{68}$ $+9253057574338678147302443878284 z^{67}$ $+11697261461900133947583764236704 z^{66}$ $+14296652897877710576532052331056 z^{65}$ $+16896044333855284821897177002527 z^{64}$ $+19309764952977891006394716800676 z^{63}$ $+21342371790133364782314443087952 z^{62}$ $+22814259499797403308365584525664 z^{61}$ $+23587624228604428298780455148356 z^{60}$ $+23587624228604428298780455148356 z^{59}$ $+22814259499797403308365584525664 z^{58}$ $+21342371790133364782314443087952 z^{57}$	$\left\{ \left[\frac{119}{2}, \frac{\sqrt{119}}{2} \right] \right\}$
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+19309764952977891006394716800676 z^{56}
+16896044333855284821897177002527 z^{55}
+14296652897877710576532052331056 z^{54}
+11697261461900133947583764236704 z^{53}
+9253057574338678147302443878284 z^{52}
+7075867556847261859891243975369 z^{51}
+5229989063756807741814865891288 z^{50}
+3735706474111863353339232419044 z^{49}
+2578163622978607852263765940166 z^{48}
+1718775748652517726937440105319 z^{47}
+1106609043652928686391116108156 z^{46}
+687892108216648627969776640744 z^{45}
+412735264930040810314889748003 z^{44}
+238951995485802432882343868727 z^{43}
+133440724751794828994536870664 z^{42}
+71852697943292105732790116492 z^{41}
+37290640704742419256829470883 z^{40}
+18645320352363017424964371400 z^{39}
+8977376465959722720476446548 z^{38}
+4160247630567125833037945272 z^{37}
+1854568220851948043706034533 z^{36}
+794814951795171517063577730 z^{35}
+327276744857194871153655408 z^{34}
+129388480524137916606611464 z^{33}
+49078389164696245608596111 z^{32}
+17846686969109647526692374 z^{31}
+6216261753076079207746488 z^{30}
+2072087251076043449413648 z^{29}
+660335497632649779973942 z^{28}
+200971673161687123376422 z^{27}
+58346614797082148242832 z^{26}

		$+16138425373808912939128 z^{25}$ $+4246954040231607447526 z^{24}$ $+1061738511387844678129 z^{23}$ $+251752431402077201736 z^{22}$ $+56515851330970005744 z^{21}$ $+11988210997474966226 z^{20}$ $+2397642254396129027 z^{19}$ $+451041556716619400 z^{18}$ $+79595585228584012 z^{17}$ $+13137139234434740 z^{16}$ $+2021094616942373 z^{15}$ $+288728796309716 z^{14} + 38133905896632 z^{13}$ $+4632982858497 z^{12} + 514848557573 z^{11}$ $+51941193304 z^{10} + 4721721508 z^9$ $+384290865 z^8 + 26787614 z^7 + 1794044 z^6$ $+71400 z^5 + 8687 z^4 + 1$	
		$z^{120} + 11610 z^{116} + 3701120 z^{114} + 825629715 z^{112}$ $+ 113414597760 z^{110} + 10296062422100 z^{108}$ $+ 653720311808640 z^{106}$ $+ 30316444844126445 z^{104}$ $+ 1061274476684745600 z^{102}$ $+ 28771706831733650430 z^{100}$ $+ 616536560917033493760 z^{98}$ $+ 10617385108901800114095 z^{96}$ $+ 148970080374032444071680 z^{94}$ $+ 1722614341512553893538440 z^{92}$ $+ 16576698008125927148046080 z^{90}$ $+ 133850152268320728023738685 z^{88}$ $+ 913330450763143449343499520 z^{86}$ $+ 5298766345289589756324009450 z^{84}$ $+ 26275248193054160232989182080 z^{82}$	

$\{[120, 2, 109]\}$

$$x^{11} + x^5 + x^4 + x^3 + x + 1$$

$$\begin{aligned} &+111871922114245532806096359543 z^{80} \\ &+410586845390092057017448237440 z^{78} \\ &+1303374520831716248220696615660 z^{76} \\ &+3589002303739360962642505054080 z^{74} \\ &+8593878743261830242667650891465 z^{72} \\ &+17931391075737504729304692126336 z^{70} \\ &+32657850262372517204028387338430 z^{68} \\ &+51987828719554487121203805416960 z^{66} \\ &+72411618573666993472190241473235 z^{64} \\ &+88313262579862270113352110451200 z^{62} \\ &+94350496914416236482679012449392 z^{60} \\ &+88313262579862270113352110451200 z^{58} \\ &+72411618573666993472190241473235 z^{56} \\ &+51987828719554487121203805416960 z^{54} \\ &+32657850262372517204028387338430 z^{52} \\ &+17931391075737504729304692126336 z^{50} \\ &+8593878743261830242667650891465 z^{48} \\ &+3589002303739360962642505054080 z^{46} \\ &+1303374520831716248220696615660 z^{44} \\ &+410586845390092057017448237440 z^{42} \\ &+111871922114245532806096359543 z^{40} \\ &+26275248193054160232989182080 z^{38} \\ &+5298766345289589756324009450 z^{36} \\ &+913330450763143449343499520 z^{34} \\ &+133850152268320728023738685 z^{32} \\ &+16576698008125927148046080 z^{30} \\ &+1722614341512553893538440 z^{28} \\ &+148970080374032444071680 z^{26} \\ &+10617385108901800114095 z^{24} \\ &+616536560917033493760 z^{22} \\ &+28771706831733650430 z^{20} \end{aligned}$$

 $\{[60, \sqrt{30}]\}$

		$+1061274476684745600 z^{18}$ $+30316444844126445 z^{16}$ $+653720311808640 z^{14} + 10296062422100 z^{12}$ $+113414597760 z^{10} + 825629715 z^8 + 3701120 z^6$ $+11610 z^4 + 1$	
$\{[120, 2, 109]\}$	$x^{11} + x^6 + x^5 + 1$	$z^{120} + 60 z^{118} + 27930 z^{116} + 5953580 z^{114}$ $+1000109715 z^{112} + 121314803592 z^{110}$ $+10512863416020 z^{108} + 657420959735880 z^{106}$ $+30355631049672045 z^{104}$ $+1061513451143353220 z^{102}$ $+28772255849438927166 z^{100}$ $+616534058795685939060 z^{98}$ $+10617366359430533076655 z^{96}$ $+148970067326457911907600 z^{94}$ $+1722614542516691340272520 z^{92}$ $+16576698412213222115418640 z^{90}$ $+133850150938748909220307005 z^{88}$ $+913330447026559605121184700 z^{86}$ $+5298766352077841758605469610 z^{84}$ $+26275248214013133273714847980 z^{82}$ $+111871922084330533404571213815 z^{80}$ $+410586845310004114788371450040 z^{78}$ $+1303374520944735940061155786860 z^{76}$ $+3589002303952095906004929039480 z^{74}$ $+8593878742920784994612140798025 z^{72}$ $+17931391075354591462287697356132 z^{70}$ $+32657850263146155212644325192190 z^{68}$ $+51987828719981323055295252808340 z^{66}$ $+72411618572390234868726620847315 z^{64}$ $+88313262579667945160477634778080 z^{62}$ $+94350496915927363967442593766000 z^{60}$	$\{[60, \sqrt{30}]\}$

		$+88313262579667945160477634778080 z^{58}$ $+72411618572390234868726620847315 z^{56}$ $+51987828719981323055295252808340 z^{54}$ $+32657850263146155212644325192190 z^{52}$ $+17931391075354591462287697356132 z^{50}$ $+8593878742920784994612140798025 z^{48}$ $+3589002303952095906004929039480 z^{46}$ $+1303374520944735940061155786860 z^{44}$ $+410586845310004114788371450040 z^{42}$ $+111871922084330533404571213815 z^{40}$ $+26275248214013133273714847980 z^{38}$ $+5298766352077841758605469610 z^{36}$ $+913330447026559605121184700 z^{34}$ $+133850150938748909220307005 z^{32}$ $+16576698412213222115418640 z^{30}$ $+1722614542516691340272520 z^{28}$ $+148970067326457911907600 z^{26}$ $+10617366359430533076655 z^{24}$ $+616534058795685939060 z^{22}$ $+28772255849438927166 z^{20}$ $+1061513451143353220 z^{18}$ $+30355631049672045 z^{16}$ $+657420959735880 z^{14} + 10512863416020 z^{12}$ $+121314803592 z^{10} + 1000109715 z^8$ $+5953580 z^6 + 27930 z^4 + 60 z^2 + 1$	
		$z^{120} + 21420 z^{116} + 4529840 z^{114} + 855427995 z^{112}$ $+ 113849423184 z^{110} + 10297444751720 z^{108}$ $+ 653698805325840 z^{106}$ $+ 30316331173599765 z^{104}$ $+ 1061275199391225840 z^{102}$ $+ 28771709703699571812 z^{100}$	

$\{[120, 2, 109]\}$

$x^{11} + x^7 + x^6 + x^5 + x^4 + x^2 + x + 1$

+616536541519206487200 z^{98}
+10617385086126888532575 z^{96}
+148970080701097850244960 z^{94}
+1722614341163455466779920 z^{92}
+16576698005547940654171232 z^{90}
+133850152276184264661253485 z^{88}
+913330450766599627680485280 z^{86}
+5298766345234965668861454540 z^{84}
+26275248193137082190028366480 z^{82}
+111871922114340176978292859791 z^{80}
+410586845389618952801907899760 z^{78}
+1303374520832155546721137856280 z^{76}
+3589002303740070169666065937200 z^{74}
+8593878743259656360652980724225 z^{72}
+17931391075738999105068581421264 z^{70}
+32657850262374717326137101967140 z^{68}
+51987828719549211117832630239680 z^{66}
+72411618573669968108849454800115 z^{64}
+88313262579865839616024335566400 z^{62}
+94350496914409044930374019302624 z^{60}
+88313262579865839616024335566400 z^{58}
+72411618573669968108849454800115 z^{56}
+51987828719549211117832630239680 z^{54}
+32657850262374717326137101967140 z^{52}
+17931391075738999105068581421264 z^{50}
+8593878743259656360652980724225 z^{48}
+3589002303740070169666065937200 z^{46}
+1303374520832155546721137856280 z^{44}
+410586845389618952801907899760 z^{42}
+111871922114340176978292859791 z^{40}
+26275248193137082190028366480 z^{38}

$\{[60, \sqrt{30}]\}$

		$+5298766345234965668861454540 z^{36}$ $+913330450766599627680485280 z^{34}$ $+133850152276184264661253485 z^{32}$ $+16576698005547940654171232 z^{30}$ $+1722614341163455466779920 z^{28}$ $+148970080701097850244960 z^{26}$ $+10617385086126888532575 z^{24}$ $+616536541519206487200 z^{22}$ $+28771709703699571812 z^{20}$ $+1061275199391225840 z^{18}$ $+30316331173599765 z^{16}$ $+653698805325840 z^{14} + 10297444751720 z^{12}$ $+113849423184 z^{10} + 855427995 z^8 + 4529840 z^6$ $+21420 z^4 + 1$	
		$z^{120} + 180 z^{118} + 23370 z^{116} + 4261380 z^{114}$ $+ 835812435 z^{112} + 113470997784 z^{110}$ $+ 10295183983540 z^{108} + 653713807031640 z^{106}$ $+ 30316487198676525 z^{104}$ $+ 1061274770465100300 z^{102}$ $+ 28771704573435738702 z^{100}$ $+ 616536560038785342300 z^{98}$ $+ 10617385151962027932975 z^{96}$ $+ 148970080283235581686320 z^{94}$ $+ 1722614341196236638801480 z^{92}$ $+ 16576698009840925931815216 z^{90}$ $+ 133850152266932172942875325 z^{88}$ $+ 913330450754242929964464180 z^{86}$ $+ 5298766345316164238431379290 z^{84}$ $+ 26275248193048822989236399940 z^{82}$ $+ 111871922114131171507267788087 z^{80}$ $+ 410586845390333429860684261800 z^{78}$	

$\{[120, 2, 109]\}$	$x^{11} + x^8 + x^5 + x^3 + x^2 + 1$
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$+1303374520831667583217606171020 z^{76}$ $+3589002303738736812242145633000 z^{74}$ $+8593878743262947218452317529225 z^{72}$ $+17931391075737242930365504589484 z^{70}$ $+32657850262370613825858096622350 z^{68}$ $+51987828719557654596395064677820 z^{66}$ $+72411618573665698914562322027475 z^{64}$ $+88313262579859615713621212315040 z^{62}$ $+94350496914420962864779713276144 z^{60}$ $+88313262579859615713621212315040 z^{58}$ $+72411618573665698914562322027475 z^{56}$ $+51987828719557654596395064677820 z^{54}$ $+32657850262370613825858096622350 z^{52}$ $+17931391075737242930365504589484 z^{50}$ $+8593878743262947218452317529225 z^{48}$ $+3589002303738736812242145633000 z^{46}$ $+1303374520831667583217606171020 z^{44}$ $+410586845390333429860684261800 z^{42}$ $+111871922114131171507267788087 z^{40}$ $+26275248193048822989236399940 z^{38}$ $+5298766345316164238431379290 z^{36}$ $+913330450754242929964464180 z^{34}$ $+133850152266932172942875325 z^{32}$ $+16576698009840925931815216 z^{30}$ $+1722614341196236638801480 z^{28}$ $+148970080283235581686320 z^{26}$ $+10617385151962027932975 z^{24}$ $+616536560038785342300 z^{22}$ $+28771704573435738702 z^{20}$ $+1061274770465100300 z^{18}$ $+30316487198676525 z^{16}$
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$\{[60, \sqrt{30}]\}$

		$+653713807031640 z^{14} + 10295183983540 z^{12}$ $+113470997784 z^{10} + 835812435 z^8 + 4261380 z^6$ $+23370 z^4 + 180 z^2 + 1$	
$\{[120, 2, 109]\}$	$x^{11} + x^8 + x^7 + x^5 + x^3 + x^2 + x + 1$	$z^{120} + 420 z^{118} + 83370 z^{116} + 10400180 z^{114}$ $+ 1166254035 z^{112} + 123708325944 z^{110}$ $+ 10481203550580 z^{108} + 655584244197240 z^{106}$ $+ 30324092376362925 z^{104}$ $+ 1061249357557833500 z^{102}$ $+ 28771392268485555822 z^{100}$ $+ 616536424692872471340 z^{98}$ $+ 10617390611259375753775 z^{96}$ $+ 148970085783234506083440 z^{94}$ $+ 1722614276846193532476360 z^{92}$ $+ 16576697963298876769116016 z^{90}$ $+ 133850152819360578519211965 z^{88}$ $+ 913330450806152385773478180 z^{86}$ $+ 5298766341963802477656526010 z^{84}$ $+ 26275248195056741983153708020 z^{82}$ $+ 111871922127587635816988385207 z^{80}$ $+ 410586845372438436777295887240 z^{78}$ $+ 1303374520800355407851259830220 z^{76}$ $+ 3589002303815144553633692082120 z^{74}$ $+ 8593878743284202713286324516105 z^{72}$ $+ 17931391075551038233592125165884 z^{70}$ $+ 32657850262465765180778793277230 z^{68}$ $+ 51987828719807756691072960969740 z^{66}$ $+ 72411618573353538026284990947795 z^{64}$ $+ 88313262579735186939887188857120 z^{62}$ $+ 94350496914853900621166978536944 z^{60}$ $+ 88313262579735186939887188857120 z^{58}$ $+ 72411618573353538026284990947795 z^{56}$	$\{[60, \sqrt{30}]\}$

		$+51987828719807756691072960969740 z^{54}$ $+32657850262465765180778793277230 z^{52}$ $+17931391075551038233592125165884 z^{50}$ $+8593878743284202713286324516105 z^{48}$ $+3589002303815144553633692082120 z^{46}$ $+1303374520800355407851259830220 z^{44}$ $+410586845372438436777295887240 z^{42}$ $+111871922127587635816988385207 z^{40}$ $+26275248195056741983153708020 z^{38}$ $+5298766341963802477656526010 z^{36}$ $+913330450806152385773478180 z^{34}$ $+133850152819360578519211965 z^{32}$ $+16576697963298876769116016 z^{30}$ $+1722614276846193532476360 z^{28}$ $+148970085783234506083440 z^{26}$ $+10617390611259375753775 z^{24}$ $+616536424692872471340 z^{22}$ $+28771392268485555822 z^{20}$ $+1061249357557833500 z^{18}$ $+30324092376362925 z^{16}$ $+655584244197240 z^{14} + 10481203550580 z^{12}$ $+123708325944 z^{10} + 1166254035 z^8$ $+10400180 z^6 + 83370 z^4 + 420 z^2 + 1$	
		$z^{120} + 240 z^{118} + 38970 z^{116} + 6891600 z^{114}$ $+ 1090816275 z^{112} + 126475152000 z^{110}$ $+ 10676917383700 z^{108} + 660571570252800 z^{106}$ $+ 30392637230754285 z^{104}$ $+ 1061760277100412720 z^{102}$ $+ 28772892758743087518 z^{100}$ $+ 616531587389702355600 z^{98}$ $+ 10617346092378763808175 z^{96}$	

$$\{[120, 2, 109]\} x^{11} + x^8 + x^7 + x^4 + x^3 + 1$$

$$\begin{aligned}
&+148970052687950526076800 z^{94} \\
&+1722614761554888678510600 z^{92} \\
&+16576698830648198859084160 z^{90} \\
&+133850149450890657625067325 z^{88} \\
&+913330443271409878488942000 z^{86} \\
&+5298766359832281598580368330 z^{84} \\
&+26275248234395423422107407760 z^{82} \\
&+111871922050559202800447565687 z^{80} \\
&+410586845235031397326589502720 z^{78} \\
&+1303374521066763309403216220460 z^{76} \\
&+3589002304142878173838969449600 z^{74} \\
&+8593878742573701586465370298825 z^{72} \\
&+17931391075025135810448020731632 z^{70} \\
&+32657850263892046342420170369630 z^{68} \\
&+51987828720337269017234572217040 z^{66} \\
&+72411618571202485728999033972435 z^{64} \\
&+88313262579508832757320983883520 z^{62} \\
&+94350496917315370326972359907696 z^{60} \\
&+88313262579508832757320983883520 z^{58} \\
&+72411618571202485728999033972435 z^{56} \\
&+51987828720337269017234572217040 z^{54} \\
&+32657850263892046342420170369630 z^{52} \\
&+17931391075025135810448020731632 z^{50} \\
&+8593878742573701586465370298825 z^{48} \\
&+3589002304142878173838969449600 z^{46} \\
&+1303374521066763309403216220460 z^{44} \\
&+410586845235031397326589502720 z^{42} \\
&+111871922050559202800447565687 z^{40} \\
&+26275248234395423422107407760 z^{38} \\
&+5298766359832281598580368330 z^{36} \\
&+913330443271409878488942000 z^{34}
\end{aligned}$$

$$\{[60, \sqrt{30}]\}$$

		$+133850149450890657625067325 z^{32}$ $+16576698830648198859084160 z^{30}$ $+1722614761554888678510600 z^{28}$ $+148970052687950526076800 z^{26}$ $+10617346092378763808175 z^{24}$ $+616531587389702355600 z^{22}$ $+28772892758743087518 z^{20}$ $+1061760277100412720 z^{18}$ $+30392637230754285 z^{16}$ $+660571570252800 z^{14} + 10676917383700 z^{12}$ $+126475152000 z^{10} + 1090816275 z^8$ $+6891600 z^6 + 38970 z^4 + 240 z^2 + 1$	
		$z^{120} + 60 z^{118} + 22170 z^{116} + 4212780 z^{114}$ $+ 836533395 z^{112} + 113471016840 z^{110}$ $+ 10295166334420 z^{108} + 653713410551880 z^{106}$ $+ 30316494369702765 z^{104}$ $+ 1061274718529618820 z^{102}$ $+ 28771704780759255486 z^{100}$ $+ 616536559637832181620 z^{98}$ $+ 10617385151688213732015 z^{96}$ $+ 148970080286617482523920 z^{94}$ $+ 1722614341193311916751240 z^{92}$ $+ 16576698009799749621907984 z^{90}$ $+ 133850152267162093271450685 z^{88}$ $+ 913330450753583745647940540 z^{86}$ $+ 5298766345317322319550815530 z^{84}$ $+ 26275248193047778483756908780 z^{82}$ $+ 111871922114130888524904042999 z^{80}$ $+ 410586845390334615693865466040 z^{78}$ $+ 1303374520831672149516082989420 z^{76}$ $+ 3589002303738710899184798039160 z^{74}$	

$\{[120, 2, 109]\}$

$$x^{11} + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + 1$$

$$\begin{aligned} &+8593878743263012159139020831305 z^{72} \\ &+17931391075737138052095625114980 z^{70} \\ &+32657850262370724386799120474750 z^{68} \\ &+51987828719557602981828293100180 z^{66} \\ &+72411618573665634313059065959635 z^{64} \\ &+88313262579859798675619519992800 z^{62} \\ &+94350496914420729727863766208112 z^{60} \\ &+88313262579859798675619519992800 z^{58} \\ &+72411618573665634313059065959635 z^{56} \\ &+51987828719557602981828293100180 z^{54} \\ &+32657850262370724386799120474750 z^{52} \\ &+17931391075737138052095625114980 z^{50} \\ &+8593878743263012159139020831305 z^{48} \\ &+3589002303738710899184798039160 z^{46} \\ &+1303374520831672149516082989420 z^{44} \\ &+410586845390334615693865466040 z^{42} \\ &+111871922114130888524904042999 z^{40} \\ &+26275248193047778483756908780 z^{38} \\ &+5298766345317322319550815530 z^{36} \\ &+913330450753583745647940540 z^{34} \\ &+133850152267162093271450685 z^{32} \\ &+16576698009799749621907984 z^{30} \\ &+1722614341193311916751240 z^{28} \\ &+148970080286617482523920 z^{26} \\ &+10617385151688213732015 z^{24} \\ &+616536559637832181620 z^{22} \\ &+28771704780759255486 z^{20} \\ &+1061274718529618820 z^{18} \\ &+30316494369702765 z^{16} \\ &+653713410551880 z^{14} + 10295166334420 z^{12} \\ &+113471016840 z^{10} + 836533395 z^8 + 4212780 z^6 \end{aligned}$$

 $\{[60, \sqrt{30}]\}$

		$+22170 z^4 + 60 z^2 + 1$	
		$z^{120} + 60 z^{118} + 20250 z^{116} + 5134380 z^{114}$ $+ 956825235 z^{112} + 119919378312 z^{110}$ $+ 10486185886420 z^{108} + 657148380930120 z^{106}$ $+ 30354554813885805 z^{104}$ $+ 1061517268100076420 z^{102}$ $+ 28772299722067865406 z^{100}$ $+ 616534075887687403380 z^{98}$ $+ 10617365599202875573935 z^{96}$ $+ 148970066517291691414800 z^{94}$ $+ 1722614551543870556236680 z^{92}$ $+ 16576698419541568491201040 z^{90}$ $+ 133850150859355385400971325 z^{88}$ $+ 913330447015916508835509180 z^{86}$ $+ 5298766352566713044585273770 z^{84}$ $+ 26275248213719655186431832300 z^{82}$ $+ 111871922082382974294063396855 z^{80}$ $+ 410586845312628836177113204920 z^{78}$ $+ 1303374520949163937727988206700 z^{76}$ $+ 3589002303941084677554917330040 z^{74}$ $+ 8593878742917981366349946857545 z^{72}$ $+ 17931391075381073185257495602532 z^{70}$ $+ 32657850263132286310062363871230 z^{68}$ $+ 51987828719946146694841604260500 z^{66}$ $+ 72411618572434554650660415970515 z^{64}$ $+ 88313262579685323886391185298400 z^{62}$ $+ 94350496915866273013183882316400 z^{60}$ $+ 88313262579685323886391185298400 z^{58}$ $+ 72411618572434554650660415970515 z^{56}$ $+ 51987828719946146694841604260500 z^{54}$ $+ 32657850263132286310062363871230 z^{52}$	
$\{[120, 2, 109]\}$	$x^{11} + x^9 + x^7 + x^6 + x^5 + x^3 + x + 1$		$\{[60, \sqrt{30}]\}$

		$+17931391075381073185257495602532 z^{50}$ $+8593878742917981366349946857545 z^{48}$ $+3589002303941084677554917330040 z^{46}$ $+1303374520949163937727988206700 z^{44}$ $+410586845312628836177113204920 z^{42}$ $+111871922082382974294063396855 z^{40}$ $+26275248213719655186431832300 z^{38}$ $+5298766352566713044585273770 z^{36}$ $+913330447015916508835509180 z^{34}$ $+133850150859355385400971325 z^{32}$ $+16576698419541568491201040 z^{30}$ $+1722614551543870556236680 z^{28}$ $+148970066517291691414800 z^{26}$ $+10617365599202875573935 z^{24}$ $+616534075887687403380 z^{22}$ $+28772299722067865406 z^{20}$ $+1061517268100076420 z^{18}$ $+30354554813885805 z^{16}$ $+657148380930120 z^{14} + 10486185886420 z^{12}$ $+119919378312 z^{10} + 956825235 z^8 + 5134380 z^6$ $+20250 z^4 + 60 z^2 + 1$	
		$z^{120} + 120 z^{118} + 29700 z^{116} + 5195880 z^{114}$ $+ 895576635 z^{112} + 115275385344 z^{110}$ $+ 10324289834200 z^{108} + 653969015133120 z^{106}$ $+ 30317410039336245 z^{104}$ $+ 1061271444493991640 z^{102}$ $+ 28771665525032376492 z^{100}$ $+ 616536524421274101960 z^{98}$ $+ 10617385850986408397855 z^{96}$ $+ 148970081494379573290560 z^{94}$ $+ 1722614332143063843719280 z^{92}$	

$\{[120, 2, 109]\}$

$$x^{11} + x^9 + x^7 + x^6 + x^5 + x^4 + x^2 + 1$$

$$\begin{aligned} &+16576697998311786359537472 z^{90} \\ &+133850152355377503949528365 z^{88} \\ &+913330450776837454290739800 z^{86} \\ &+5298766344749057886110007780 z^{84} \\ &+26275248193424047667173101960 z^{82} \\ &+111871922116291126279899782511 z^{80} \\ &+410586845387012551956786042560 z^{78} \\ &+1303374520827672025015040451240 z^{76} \\ &+3589002303751148110438099601280 z^{74} \\ &+8593878743262472402320735011425 z^{72} \\ &+17931391075712325899995991980344 z^{70} \\ &+32657850262388939835647046742380 z^{68} \\ &+51987828719584077308546357797480 z^{66} \\ &+72411618573625638804838379421555 z^{64} \\ &+88313262579848884350606295424640 z^{62} \\ &+94350496914469521607146718072864 z^{60} \\ &+88313262579848884350606295424640 z^{58} \\ &+72411618573625638804838379421555 z^{56} \\ &+51987828719584077308546357797480 z^{54} \\ &+32657850262388939835647046742380 z^{52} \\ &+17931391075712325899995991980344 z^{50} \\ &+8593878743262472402320735011425 z^{48} \\ &+3589002303751148110438099601280 z^{46} \\ &+1303374520827672025015040451240 z^{44} \\ &+410586845387012551956786042560 z^{42} \\ &+111871922116291126279899782511 z^{40} \\ &+26275248193424047667173101960 z^{38} \\ &+5298766344749057886110007780 z^{36} \\ &+913330450776837454290739800 z^{34} \\ &+133850152355377503949528365 z^{32} \\ &+16576697998311786359537472 z^{30} \end{aligned}$$

 $\{[60, \sqrt{30}]\}$

		$+1722614332143063843719280 z^{28}$ $+148970081494379573290560 z^{26}$ $+10617385850986408397855 z^{24}$ $+616536524421274101960 z^{22}$ $+28771665525032376492 z^{20}$ $+1061271444493991640 z^{18}$ $+30317410039336245 z^{16}$ $+653969015133120 z^{14} + 10324289834200 z^{12}$ $+115275385344 z^{10} + 895576635 z^8 + 5195880 z^6$ $+29700 z^4 + 120 z^2 + 1$	
		$z^{120} + 60 z^{118} + 11610 z^{116} + 3583020 z^{114}$ $+ 820301715 z^{112} + 113341197192 z^{110}$ $+ 10295849119060 z^{108} + 653724140018760 z^{106}$ $+ 30316459081642605 z^{104}$ $+ 1061274390146013060 z^{102}$ $+ 28771706222672254974 z^{100}$ $+ 616536564360057282420 z^{98}$ $+ 10617385113169608842415 z^{96}$ $+ 148970080316212481932560 z^{94}$ $+ 1722614341575442184735880 z^{92}$ $+ 16576698008578429760899600 z^{90}$ $+ 133850152266858279471978045 z^{88}$ $+ 913330450763027771301137340 z^{86}$ $+ 5298766345297835549190973930 z^{84}$ $+ 26275248193041253263041219820 z^{82}$ $+ 111871922114229544350300125943 z^{80}$ $+ 410586845390170653910176214200 z^{78}$ $+ 1303374520831639690411714726380 z^{76}$ $+ 3589002303739259017850218659960 z^{74}$ $+ 8593878743262153883464120741705 z^{72}$ $+ 17931391075737313548419155358052 z^{70}$	

$\{[120, 2, 109]\}$	$x^{11} + x^9 + x^4 + x^2 + x + 1$	$ \begin{aligned} &+32657850262372101158445234974910 z^{68} \\ &+51987828719555359888873226097300 z^{66} \\ &+72411618573666599591845651964115 z^{64} \\ &+88313262579861480383884808963040 z^{62} \\ &+94350496914417668676036519213168 z^{60} \\ &+88313262579861480383884808963040 z^{58} \\ &+72411618573666599591845651964115 z^{56} \\ &+51987828719555359888873226097300 z^{54} \\ &+32657850262372101158445234974910 z^{52} \\ &+17931391075737313548419155358052 z^{50} \\ &+8593878743262153883464120741705 z^{48} \\ &+3589002303739259017850218659960 z^{46} \\ &+1303374520831639690411714726380 z^{44} \\ &+410586845390170653910176214200 z^{42} \\ &+111871922114229544350300125943 z^{40} \\ &+26275248193041253263041219820 z^{38} \\ &+5298766345297835549190973930 z^{36} \\ &+913330450763027771301137340 z^{34} \\ &+133850152266858279471978045 z^{32} \\ &+16576698008578429760899600 z^{30} \\ &+1722614341575442184735880 z^{28} \\ &+148970080316212481932560 z^{26} \\ &+10617385113169608842415 z^{24} \\ &+616536564360057282420 z^{22} \\ &+28771706222672254974 z^{20} \\ &+1061274390146013060 z^{18} \\ &+30316459081642605 z^{16} \\ &+653724140018760 z^{14} + 10295849119060 z^{12} \\ &+113341197192 z^{10} + 820301715 z^8 + 3583020 z^6 \\ &+11610 z^4 + 60 z^2 + 1 \end{aligned} $	$\{[60, \sqrt{30}]\}$
		$z^{120} + 60 z^{118} + 22170 z^{116} + 4540460 z^{114}$	

$\{[120, 2, 109]\}$

$$x^{11} + x^9 + x^8 + x^7 + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned} &+869956755 z^{112} + 114820730760 z^{110} \\ &+10322346735060 z^{108} + 653989551403080 z^{106} \\ &+30317552885547885 z^{104} \\ &+1061270792272118660 z^{102} \\ &+28771661466648463806 z^{100} \\ &+616536544130944378740 z^{98} \\ &+10617385899147717450415 z^{96} \\ &+148970081096384184153360 z^{94} \\ &+1722614332331361235990920 z^{92} \\ &+16576698002092890694353424 z^{90} \\ &+133850152345858460207350845 z^{88} \\ &+913330450768978202971378620 z^{86} \\ &+5298766344822009534705114410 z^{84} \\ &+26275248193328348574977081580 z^{82} \\ &+111871922116139256217402249719 z^{80} \\ &+410586845387634679101456398520 z^{78} \\ &+1303374520827176881776446130540 z^{76} \\ &+3589002303750086204304432921720 z^{74} \\ &+8593878743265327543907810703945 z^{72} \\ &+17931391075710670885373987698020 z^{70} \\ &+32657850262385510796756881171070 z^{68} \\ &+51987828719591407718099614761620 z^{66} \\ &+72411618573621851260140038165715 z^{64} \\ &+88313262579843496689241946657760 z^{62} \\ &+94350496914479915590617933893232 z^{60} \\ &+88313262579843496689241946657760 z^{58} \\ &+72411618573621851260140038165715 z^{56} \\ &+51987828719591407718099614761620 z^{54} \\ &+32657850262385510796756881171070 z^{52} \\ &+17931391075710670885373987698020 z^{50} \\ &+8593878743265327543907810703945 z^{48} \end{aligned}$$

$\{[60, \sqrt{30}]\}$

		$+3589002303750086204304432921720 z^{46}$ $+1303374520827176881776446130540 z^{44}$ $+410586845387634679101456398520 z^{42}$ $+111871922116139256217402249719 z^{40}$ $+26275248193328348574977081580 z^{38}$ $+5298766344822009534705114410 z^{36}$ $+913330450768978202971378620 z^{34}$ $+133850152345858460207350845 z^{32}$ $+16576698002092890694353424 z^{30}$ $+1722614332331361235990920 z^{28}$ $+148970081096384184153360 z^{26}$ $+10617385899147717450415 z^{24}$ $+616536544130944378740 z^{22}$ $+28771661466648463806 z^{20}$ $+1061270792272118660 z^{18}$ $+30317552885547885 z^{16}$ $+653989551403080 z^{14} + 10322346735060 z^{12}$ $+114820730760 z^{10} + 869956755 z^8 + 4540460 z^6$ $+22170 z^4 + 60 z^2 + 1$	
		$z^{120} + 180 z^{118} + 50250 z^{116} + 9360900 z^{114}$ $+ 1194360915 z^{112} + 126091080984 z^{110}$ $+ 10537099644340 z^{108} + 656163332894040 z^{106}$ $+ 30326134165301805 z^{104}$ $+ 1061240577754833420 z^{102}$ $+ 28771309629656296782 z^{100}$ $+ 616536405233062820700 z^{98}$ $+ 10617392005900415604015 z^{96}$ $+ 148970087495493567877680 z^{94}$ $+ 1722614260049676263920200 z^{92}$ $+ 16576697944746275299909936 z^{90}$ $+ 133850152976596714713494205 z^{88}$	

$\{[120, 2, 109]\}$

$$x^{11} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + 1$$

$$\begin{aligned} &+913330450858853525793609780 z^{86} \\ &+5298766340926943599223050330 z^{84} \\ &+26275248195601496117938085700 z^{82} \\ &+111871922131842389388159134007 z^{80} \\ &+410586845366648403820393527720 z^{78} \\ &+1303374520791269664794410889100 z^{76} \\ &+3589002303839226752995766317800 z^{74} \\ &+8593878743286838696592423600265 z^{72} \\ &+17931391075498264403177545744044 z^{70} \\ &+32657850262499097229422978489870 z^{68} \\ &+51987828719869585567530418247100 z^{66} \\ &+72411618573268243128308538762195 z^{64} \\ &+88313262579707259140164884266400 z^{62} \\ &+94350496914964006542509838803184 z^{60} \\ &+88313262579707259140164884266400 z^{58} \\ &+72411618573268243128308538762195 z^{56} \\ &+51987828719869585567530418247100 z^{54} \\ &+32657850262499097229422978489870 z^{52} \\ &+17931391075498264403177545744044 z^{50} \\ &+8593878743286838696592423600265 z^{48} \\ &+3589002303839226752995766317800 z^{46} \\ &+1303374520791269664794410889100 z^{44} \\ &+410586845366648403820393527720 z^{42} \\ &+111871922131842389388159134007 z^{40} \\ &+26275248195601496117938085700 z^{38} \\ &+5298766340926943599223050330 z^{36} \\ &+913330450858853525793609780 z^{34} \\ &+133850152976596714713494205 z^{32} \\ &+16576697944746275299909936 z^{30} \\ &+1722614260049676263920200 z^{28} \\ &+148970087495493567877680 z^{26} \end{aligned}$$

 $\{[60, \sqrt{30}]\}$

		$+10617392005900415604015 z^{24}$ $+616536405233062820700 z^{22}$ $+28771309629656296782 z^{20}$ $+1061240577754833420 z^{18}$ $+30326134165301805 z^{16}$ $+656163332894040 z^{14} + 10537099644340 z^{12}$ $+126091080984 z^{10} + 1194360915 z^8$ $+9360900 z^6 + 50250 z^4 + 180 z^2 + 1$	
		$z^{120} + 180 z^{118} + 23370 z^{116} + 4261380 z^{114}$ $+835812435 z^{112} + 113470997784 z^{110}$ $+10295183983540 z^{108} + 653713807031640 z^{106}$ $+30316487198676525 z^{104}$ $+1061274770465100300 z^{102}$ $+28771704573435738702 z^{100}$ $+616536560038785342300 z^{98}$ $+10617385151962027932975 z^{96}$ $+148970080283235581686320 z^{94}$ $+1722614341196236638801480 z^{92}$ $+16576698009840925931815216 z^{90}$ $+133850152266932172942875325 z^{88}$ $+913330450754242929964464180 z^{86}$ $+5298766345316164238431379290 z^{84}$ $+26275248193048822989236399940 z^{82}$ $+111871922114131171507267788087 z^{80}$ $+410586845390333429860684261800 z^{78}$ $+1303374520831667583217606171020 z^{76}$ $+3589002303738736812242145633000 z^{74}$ $+8593878743262947218452317529225 z^{72}$ $+17931391075737242930365504589484 z^{70}$ $+32657850262370613825858096622350 z^{68}$ $+51987828719557654596395064677820 z^{66}$	

{[120, 2, 109]}	$x^{11} + x^9 + x^8 + x^6 + x^3 + 1$	$ \begin{aligned} &+72411618573665698914562322027475 z^{64} \\ &+88313262579859615713621212315040 z^{62} \\ &+94350496914420962864779713276144 z^{60} \\ &+88313262579859615713621212315040 z^{58} \\ &+72411618573665698914562322027475 z^{56} \\ &+51987828719557654596395064677820 z^{54} \\ &+32657850262370613825858096622350 z^{52} \\ &+17931391075737242930365504589484 z^{50} \\ &+8593878743262947218452317529225 z^{48} \\ &+3589002303738736812242145633000 z^{46} \\ &+1303374520831667583217606171020 z^{44} \\ &+410586845390333429860684261800 z^{42} \\ &+111871922114131171507267788087 z^{40} \\ &+26275248193048822989236399940 z^{38} \\ &+5298766345316164238431379290 z^{36} \\ &+913330450754242929964464180 z^{34} \\ &+133850152266932172942875325 z^{32} \\ &+16576698009840925931815216 z^{30} \\ &+1722614341196236638801480 z^{28} \\ &+148970080283235581686320 z^{26} \\ &+10617385151962027932975 z^{24} \\ &+616536560038785342300 z^{22} \\ &+28771704573435738702 z^{20} \\ &+1061274770465100300 z^{18} \\ &+30316487198676525 z^{16} \\ &+653713807031640 z^{14} + 10295183983540 z^{12} \\ &+113470997784 z^{10} + 835812435 z^8 + 4261380 z^6 \\ &+23370 z^4 + 180 z^2 + 1 \end{aligned} $	{[60, $\sqrt{30}$]}
		$ \begin{aligned} &z^{120} + 240 z^{118} + 68970 z^{116} + 10631600 z^{114} \\ &+ 1307560275 z^{112} + 134213556000 z^{110} \\ &+ 10870864358900 z^{108} + 663938986413600 z^{106} \end{aligned} $	

$\{[120, 2, 109]\}$

$$x^{11} + x^9 + x^8 + x^6 + x^5 + x^3 + x^2 + 1$$

$$\begin{aligned}
&+30430428903264045 z^{104} \\
&+1062005077463546640 z^{102} \\
&+28773493938280987566 z^{100} \\
&+616529047221851317200 z^{98} \\
&+10617326517470924124975 z^{96} \\
&+148970039758715582184000 z^{94} \\
&+1722614970620558192589000 z^{92} \\
&+16576699234591532653928000 z^{90} \\
&+133850148064840579833716925 z^{88} \\
&+913330439532404452069033200 z^{86} \\
&+5298766366957166172516863610 z^{84} \\
&+26275248255293854846523743920 z^{82} \\
&+111871922018963423584874445879 z^{80} \\
&+410586845156232452239049334240 z^{78} \\
&+1303374521185459470469427327820 z^{76} \\
&+3589002304346569190900388376800 z^{74} \\
&+8593878742223810584137855033225 z^{72} \\
&+17931391074672735406657592251536 z^{70} \\
&+32657850264658288101672481146990 z^{68} \\
&+51987828720713810238759293283920 z^{66} \\
&+72411618569978476167258243839955 z^{64} \\
&+88313262579342179661914256831360 z^{62} \\
&+94350496918744773359244761631728 z^{60} \\
&+88313262579342179661914256831360 z^{58} \\
&+72411618569978476167258243839955 z^{56} \\
&+51987828720713810238759293283920 z^{54} \\
&+32657850264658288101672481146990 z^{52} \\
&+17931391074672735406657592251536 z^{50} \\
&+8593878742223810584137855033225 z^{48} \\
&+3589002304346569190900388376800 z^{46} \\
&+1303374521185459470469427327820 z^{44}
\end{aligned}$$

$\{[60, \sqrt{30}]\}$

		$+410586845156232452239049334240 z^{42}$ $+111871922018963423584874445879 z^{40}$ $+26275248255293854846523743920 z^{38}$ $+5298766366957166172516863610 z^{36}$ $+913330439532404452069033200 z^{34}$ $+133850148064840579833716925 z^{32}$ $+16576699234591532653928000 z^{30}$ $+1722614970620558192589000 z^{28}$ $+148970039758715582184000 z^{26}$ $+10617326517470924124975 z^{24}$ $+616529047221851317200 z^{22}$ $+28773493938280987566 z^{20}$ $+1062005077463546640 z^{18}$ $+30430428903264045 z^{16}$ $+663938986413600 z^{14} + 10870864358900 z^{12}$ $+134213556000 z^{10} + 1307560275 z^8$ $+10631600 z^6 + 68970 z^4 + 240 z^2 + 1$	
		$z^{120} + 540 z^{118} + 136170 z^{116} + 21297420 z^{114}$ $+ 2314632915 z^{112} + 185632573512 z^{110}$ $+ 12390598653940 z^{108} + 691390439034120 z^{106}$ $+ 30735445491907245 z^{104}$ $+ 1063946595118235940 z^{102}$ $+ 28778232780873547566 z^{100}$ $+ 616509191895074759700 z^{98}$ $+ 10617170484138807804975 z^{96}$ $+ 148969928410535518995600 z^{94}$ $+ 1722616651451438042752200 z^{92}$ $+ 16576702529397741301432720 z^{90}$ $+ 133850136781602941073889725 z^{88}$ $+ 913330409553321724507974300 z^{86}$ $+ 5298766425241810641071693050 z^{84}$	

$\{[120, 2, 109]\}$

$$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned} &+26275248420506519020952849100 z^{82} \\ &+111871921763962910503692045495 z^{80} \\ &+410586844537082305164025438200 z^{78} \\ &+1303374522124578726686851361100 z^{76} \\ &+3589002305959302317351717148600 z^{74} \\ &+8593878739475894435704186338825 z^{72} \\ &+17931391071819566142048658988292 z^{70} \\ &+32657850270732970179188026011630 z^{68} \\ &+51987828723854780328554549497140 z^{66} \\ &+72411618560114419989796138360275 z^{64} \\ &+88313262577922252588994340351200 z^{62} \\ &+94350496930354342100593985729520 z^{60} \\ &+88313262577922252588994340351200 z^{58} \\ &+72411618560114419989796138360275 z^{56} \\ &+51987828723854780328554549497140 z^{54} \\ &+32657850270732970179188026011630 z^{52} \\ &+17931391071819566142048658988292 z^{50} \\ &+8593878739475894435704186338825 z^{48} \\ &+3589002305959302317351717148600 z^{46} \\ &+1303374522124578726686851361100 z^{44} \\ &+410586844537082305164025438200 z^{42} \\ &+111871921763962910503692045495 z^{40} \\ &+26275248420506519020952849100 z^{38} \\ &+5298766425241810641071693050 z^{36} \\ &+913330409553321724507974300 z^{34} \\ &+133850136781602941073889725 z^{32} \\ &+16576702529397741301432720 z^{30} \\ &+1722616651451438042752200 z^{28} \\ &+148969928410535518995600 z^{26} \\ &+10617170484138807804975 z^{24} \\ &+616509191895074759700 z^{22} \end{aligned}$$

$\{[60, \sqrt{30}]\}$

		$+28778232780873547566 z^{20}$ $+1063946595118235940 z^{18}$ $+30735445491907245 z^{16}$ $+691390439034120 z^{14} + 12390598653940 z^{12}$ $+185632573512 z^{10} + 2314632915 z^8$ $+21297420 z^6 + 136170 z^4 + 540 z^2 + 1$	
		$z^{120} + 60 z^{118} + 22170 z^{116} + 4540460 z^{114}$ $+ 869956755 z^{112} + 114820730760 z^{110}$ $+ 10322346735060 z^{108} + 653989551403080 z^{106}$ $+ 30317552885547885 z^{104}$ $+ 1061270792272118660 z^{102}$ $+ 28771661466648463806 z^{100}$ $+ 616536544130944378740 z^{98}$ $+ 10617385899147717450415 z^{96}$ $+ 148970081096384184153360 z^{94}$ $+ 1722614332331361235990920 z^{92}$ $+ 16576698002092890694353424 z^{90}$ $+ 133850152345858460207350845 z^{88}$ $+ 913330450768978202971378620 z^{86}$ $+ 5298766344822009534705114410 z^{84}$ $+ 26275248193328348574977081580 z^{82}$ $+ 111871922116139256217402249719 z^{80}$ $+ 410586845387634679101456398520 z^{78}$ $+ 1303374520827176881776446130540 z^{76}$ $+ 3589002303750086204304432921720 z^{74}$ $+ 8593878743265327543907810703945 z^{72}$ $+ 17931391075710670885373987698020 z^{70}$ $+ 32657850262385510796756881171070 z^{68}$ $+ 51987828719591407718099614761620 z^{66}$ $+ 72411618573621851260140038165715 z^{64}$ $+ 88313262579843496689241946657760 z^{62}$	

{ [120, 2, 109] }	$x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} &+94350496914479915590617933893232 z^{60} \\ &+88313262579843496689241946657760 z^{58} \\ &+72411618573621851260140038165715 z^{56} \\ &+51987828719591407718099614761620 z^{54} \\ &+32657850262385510796756881171070 z^{52} \\ &+17931391075710670885373987698020 z^{50} \\ &+8593878743265327543907810703945 z^{48} \\ &+3589002303750086204304432921720 z^{46} \\ &+1303374520827176881776446130540 z^{44} \\ &+410586845387634679101456398520 z^{42} \\ &+111871922116139256217402249719 z^{40} \\ &+26275248193328348574977081580 z^{38} \\ &+5298766344822009534705114410 z^{36} \\ &+913330450768978202971378620 z^{34} \\ &+133850152345858460207350845 z^{32} \\ &+16576698002092890694353424 z^{30} \\ &+1722614332331361235990920 z^{28} \\ &+148970081096384184153360 z^{26} \\ &+10617385899147717450415 z^{24} \\ &+616536544130944378740 z^{22} \\ &+28771661466648463806 z^{20} \\ &+1061270792272118660 z^{18} \\ &+30317552885547885 z^{16} \\ &+653989551403080 z^{14} + 10322346735060 z^{12} \\ &+114820730760 z^{10} + 869956755 z^8 + 4540460 z^6 \\ &+22170 z^4 + 60 z^2 + 1 \end{aligned} $	{ [60, $\sqrt{30}$] }
		$ \begin{aligned} &z^{120} + 420 z^{118} + 83370 z^{116} + 10400180 z^{114} \\ &+ 1166254035 z^{112} + 123708325944 z^{110} \\ &+ 10481203550580 z^{108} + 655584244197240 z^{106} \\ &+ 30324092376362925 z^{104} \\ &+ 1061249357557833500 z^{102} \end{aligned} $	

$\{[120, 2, 109]\}$

$$x^{11} + x^{10} + x^9 + x^8 + x^6 + x^4 + x^3 + 1$$

$$\begin{aligned} &+28771392268485555822 z^{100} \\ &+616536424692872471340 z^{98} \\ &+10617390611259375753775 z^{96} \\ &+148970085783234506083440 z^{94} \\ &+1722614276846193532476360 z^{92} \\ &+16576697963298876769116016 z^{90} \\ &+133850152819360578519211965 z^{88} \\ &+913330450806152385773478180 z^{86} \\ &+5298766341963802477656526010 z^{84} \\ &+26275248195056741983153708020 z^{82} \\ &+111871922127587635816988385207 z^{80} \\ &+410586845372438436777295887240 z^{78} \\ &+1303374520800355407851259830220 z^{76} \\ &+3589002303815144553633692082120 z^{74} \\ &+8593878743284202713286324516105 z^{72} \\ &+17931391075551038233592125165884 z^{70} \\ &+32657850262465765180778793277230 z^{68} \\ &+51987828719807756691072960969740 z^{66} \\ &+72411618573353538026284990947795 z^{64} \\ &+88313262579735186939887188857120 z^{62} \\ &+94350496914853900621166978536944 z^{60} \\ &+88313262579735186939887188857120 z^{58} \\ &+72411618573353538026284990947795 z^{56} \\ &+51987828719807756691072960969740 z^{54} \\ &+32657850262465765180778793277230 z^{52} \\ &+17931391075551038233592125165884 z^{50} \\ &+8593878743284202713286324516105 z^{48} \\ &+3589002303815144553633692082120 z^{46} \\ &+1303374520800355407851259830220 z^{44} \\ &+410586845372438436777295887240 z^{42} \\ &+111871922127587635816988385207 z^{40} \end{aligned}$$

$\{[60, \sqrt{30}]\}$

		$+26275248195056741983153708020 z^{38}$ $+5298766341963802477656526010 z^{36}$ $+913330450806152385773478180 z^{34}$ $+133850152819360578519211965 z^{32}$ $+16576697963298876769116016 z^{30}$ $+1722614276846193532476360 z^{28}$ $+148970085783234506083440 z^{26}$ $+10617390611259375753775 z^{24}$ $+616536424692872471340 z^{22}$ $+28771392268485555822 z^{20}$ $+1061249357557833500 z^{18}$ $+30324092376362925 z^{16}$ $+655584244197240 z^{14} + 10481203550580 z^{12}$ $+123708325944 z^{10} + 1166254035 z^8$ $+10400180 z^6 + 83370 z^4 + 420 z^2 + 1$	
		$z^{120} + 60 z^{118} + 35610 z^{116} + 5871660 z^{114}$ $+912158355 z^{112} + 115053772680 z^{110}$ $+10309222865620 z^{108} + 653717487034440 z^{106}$ $+30315831008189805 z^{104}$ $+1061273144835871620 z^{102}$ $+28771722398097720126 z^{100}$ $+616536593388709283700 z^{98}$ $+10617384814281736332975 z^{96}$ $+148970080131093542376720 z^{94}$ $+1722614345416620382018440 z^{92}$ $+16576698005708719788139024 z^{90}$ $+133850152237426657656664125 z^{88}$ $+913330450826258899842495420 z^{86}$ $+5298766345391092411337012650 z^{84}$ $+26275248192560105558440751340 z^{82}$ $+111871922114505049161918547959 z^{80}$	

$\{[120, 2, 109]\}$

$$x^{11} + x^{10} + x^9 + x^8 + x^5 + x^4 + x + 1$$

$$\begin{aligned} &+410586845391696824769446906040 z^{78} \\ &+1303374520828552112873193895020 z^{76} \\ &+3589002303738860887807043374200 z^{74} \\ &+8593878743270713605131135793225 z^{72} \\ &+17931391075727528274995534685540 z^{70} \\ &+32657850262366931621356614474750 z^{68} \\ &+51987828719577817921349158257300 z^{66} \\ &+72411618573650615598980604714195 z^{64} \\ &+88313262579848100527642969756640 z^{62} \\ &+94350496914448345671880683154032 z^{60} \\ &+88313262579848100527642969756640 z^{58} \\ &+72411618573650615598980604714195 z^{56} \\ &+51987828719577817921349158257300 z^{54} \\ &+32657850262366931621356614474750 z^{52} \\ &+17931391075727528274995534685540 z^{50} \\ &+8593878743270713605131135793225 z^{48} \\ &+3589002303738860887807043374200 z^{46} \\ &+1303374520828552112873193895020 z^{44} \\ &+410586845391696824769446906040 z^{42} \\ &+111871922114505049161918547959 z^{40} \\ &+26275248192560105558440751340 z^{38} \\ &+5298766345391092411337012650 z^{36} \\ &+913330450826258899842495420 z^{34} \\ &+133850152237426657656664125 z^{32} \\ &+16576698005708719788139024 z^{30} \\ &+1722614345416620382018440 z^{28} \\ &+148970080131093542376720 z^{26} \\ &+10617384814281736332975 z^{24} \\ &+616536593388709283700 z^{22} \\ &+28771722398097720126 z^{20} \\ &+1061273144835871620 z^{18} \end{aligned}$$

 $\{[60, \sqrt{30}]\}$

		$+30315831008189805 z^{16}$ $+653717487034440 z^{14} + 10309222865620 z^{12}$ $+115053772680 z^{10} + 912158355 z^8 + 5871660 z^6$ $+35610 z^4 + 60 z^2 + 1$	
$\{[120, 2, 109]\}$	$x^{11} + x^{10} + x^9 + x^7 + x^4 + x^2 + x + 1$	$z^{120} + 16410 z^{116} + 4333440 z^{114} + 867136275 z^{112}$ $+ 114833331840 z^{110} + 10322857472980 z^{108}$ $+ 653991257900160 z^{106}$ $+ 30317521035817965 z^{104}$ $+ 1061270713860090240 z^{102}$ $+ 28771662772961801790 z^{100}$ $+ 616536543307120400640 z^{98}$ $+ 10617385874340876816815 z^{96}$ $+ 148970081172453980916480 z^{94}$ $+ 1722614332456866325470600 z^{92}$ $+ 16576698001012015754023680 z^{90}$ $+ 133850152347247325001323325 z^{88}$ $+ 913330450773694393691746560 z^{86}$ $+ 5298766344803839054837849770 z^{84}$ $+ 26275248193339557044988201600 z^{82}$ $+ 111871922116199824954721584503 z^{80}$ $+ 410586845387483174981584058240 z^{78}$ $+ 1303374520827226231709062663020 z^{76}$ $+ 3589002303750466914237407272320 z^{74}$ $+ 8593878743264587601184237670345 z^{72}$ $+ 17931391075710914248395532254336 z^{70}$ $+ 32657850262386662684482940586750 z^{68}$ $+ 51987828719589380580461205644800 z^{66}$ $+ 72411618573622719741426490924755 z^{64}$ $+ 88313262579845180454278714257920 z^{62}$ $+ 94350496914476880029607738017392 z^{60}$ $+ 88313262579845180454278714257920 z^{58}$	$\{[60, \sqrt{30}]\}$

		$+72411618573622719741426490924755 z^{56}$ $+51987828719589380580461205644800 z^{54}$ $+32657850262386662684482940586750 z^{52}$ $+17931391075710914248395532254336 z^{50}$ $+8593878743264587601184237670345 z^{48}$ $+3589002303750466914237407272320 z^{46}$ $+1303374520827226231709062663020 z^{44}$ $+410586845387483174981584058240 z^{42}$ $+111871922116199824954721584503 z^{40}$ $+26275248193339557044988201600 z^{38}$ $+5298766344803839054837849770 z^{36}$ $+913330450773694393691746560 z^{34}$ $+133850152347247325001323325 z^{32}$ $+16576698001012015754023680 z^{30}$ $+1722614332456866325470600 z^{28}$ $+148970081172453980916480 z^{26}$ $+10617385874340876816815 z^{24}$ $+616536543307120400640 z^{22}$ $+28771662772961801790 z^{20}$ $+1061270713860090240 z^{18}$ $+30317521035817965 z^{16}$ $+653991257900160 z^{14} + 10322857472980 z^{12}$ $+114833331840 z^{10} + 867136275 z^8 + 4333440 z^6$ $+16410 z^4 + 1$	
		$z^{120} + 60 z^{118} + 11610 z^{116} + 3583020 z^{114}$ $+ 820301715 z^{112} + 113341197192 z^{110}$ $+ 10295849119060 z^{108} + 653724140018760 z^{106}$ $+ 30316459081642605 z^{104}$ $+ 1061274390146013060 z^{102}$ $+ 28771706222672254974 z^{100}$ $+ 616536564360057282420 z^{98}$	

$$\{[120, 2, 109]\} x^{11} + x^{10} + x^9 + x^7 + x^2 + 1$$

$$\begin{aligned}
&+10617385113169608842415 z^{96} \\
&+148970080316212481932560 z^{94} \\
&+1722614341575442184735880 z^{92} \\
&+16576698008578429760899600 z^{90} \\
&+133850152266858279471978045 z^{88} \\
&+913330450763027771301137340 z^{86} \\
&+5298766345297835549190973930 z^{84} \\
&+26275248193041253263041219820 z^{82} \\
&+111871922114229544350300125943 z^{80} \\
&+410586845390170653910176214200 z^{78} \\
&+1303374520831639690411714726380 z^{76} \\
&+3589002303739259017850218659960 z^{74} \\
&+8593878743262153883464120741705 z^{72} \\
&+17931391075737313548419155358052 z^{70} \\
&+32657850262372101158445234974910 z^{68} \\
&+51987828719555359888873226097300 z^{66} \\
&+72411618573666599591845651964115 z^{64} \\
&+88313262579861480383884808963040 z^{62} \\
&+94350496914417668676036519213168 z^{60} \\
&+88313262579861480383884808963040 z^{58} \\
&+72411618573666599591845651964115 z^{56} \\
&+51987828719555359888873226097300 z^{54} \\
&+32657850262372101158445234974910 z^{52} \\
&+17931391075737313548419155358052 z^{50} \\
&+8593878743262153883464120741705 z^{48} \\
&+3589002303739259017850218659960 z^{46} \\
&+1303374520831639690411714726380 z^{44} \\
&+410586845390170653910176214200 z^{42} \\
&+111871922114229544350300125943 z^{40} \\
&+26275248193041253263041219820 z^{38} \\
&+5298766345297835549190973930 z^{36}
\end{aligned}$$

$$\{[60, \sqrt{30}]\}$$

		$+913330450763027771301137340 z^{34}$ $+133850152266858279471978045 z^{32}$ $+16576698008578429760899600 z^{30}$ $+1722614341575442184735880 z^{28}$ $+148970080316212481932560 z^{26}$ $+10617385113169608842415 z^{24}$ $+616536564360057282420 z^{22}$ $+28771706222672254974 z^{20}$ $+1061274390146013060 z^{18}$ $+30316459081642605 z^{16}$ $+653724140018760 z^{14} + 10295849119060 z^{12}$ $+113341197192 z^{10} + 820301715 z^8 + 3583020 z^6$ $+11610 z^4 + 60 z^2 + 1$	
		$z^{120} + 21420 z^{116} + 4529840 z^{114} + 855427995 z^{112}$ $+ 113849423184 z^{110} + 10297444751720 z^{108}$ $+ 653698805325840 z^{106}$ $+ 30316331173599765 z^{104}$ $+ 1061275199391225840 z^{102}$ $+ 28771709703699571812 z^{100}$ $+ 616536541519206487200 z^{98}$ $+ 10617385086126888532575 z^{96}$ $+ 148970080701097850244960 z^{94}$ $+ 1722614341163455466779920 z^{92}$ $+ 16576698005547940654171232 z^{90}$ $+ 133850152276184264661253485 z^{88}$ $+ 913330450766599627680485280 z^{86}$ $+ 5298766345234965668861454540 z^{84}$ $+ 26275248193137082190028366480 z^{82}$ $+ 111871922114340176978292859791 z^{80}$ $+ 410586845389618952801907899760 z^{78}$ $+ 1303374520832155546721137856280 z^{76}$	

$$\{[120, 2, 109]\} x^{11} + x^{10} + x^9 + x^7 + x^6 + x^5 + x^4 + 1$$

$$\begin{aligned}
& + 3589002303740070169666065937200 z^{74} \\
& + 8593878743259656360652980724225 z^{72} \\
& + 17931391075738999105068581421264 z^{70} \\
& + 32657850262374717326137101967140 z^{68} \\
& + 51987828719549211117832630239680 z^{66} \\
& + 72411618573669968108849454800115 z^{64} \\
& + 88313262579865839616024335566400 z^{62} \\
& + 94350496914409044930374019302624 z^{60} \\
& + 88313262579865839616024335566400 z^{58} \\
& + 72411618573669968108849454800115 z^{56} \\
& + 51987828719549211117832630239680 z^{54} \\
& + 32657850262374717326137101967140 z^{52} \\
& + 17931391075738999105068581421264 z^{50} \\
& + 8593878743259656360652980724225 z^{48} \\
& + 3589002303740070169666065937200 z^{46} \\
& + 1303374520832155546721137856280 z^{44} \\
& + 410586845389618952801907899760 z^{42} \\
& + 111871922114340176978292859791 z^{40} \\
& + 26275248193137082190028366480 z^{38} \\
& + 5298766345234965668861454540 z^{36} \\
& + 913330450766599627680485280 z^{34} \\
& + 133850152276184264661253485 z^{32} \\
& + 16576698005547940654171232 z^{30} \\
& + 1722614341163455466779920 z^{28} \\
& + 148970080701097850244960 z^{26} \\
& + 10617385086126888532575 z^{24} \\
& + 616536541519206487200 z^{22} \\
& + 28771709703699571812 z^{20} \\
& + 1061275199391225840 z^{18} \\
& + 30316331173599765 z^{16} \\
& + 653698805325840 z^{14} + 10297444751720 z^{12}
\end{aligned}$$

$$\{[60, \sqrt{30}]\}$$

		$+113849423184 z^{10} + 855427995 z^8 + 4529840 z^6$ $+21420 z^4 + 1$	
$\{[120, 2, 109]\}$	$x^{11} + x^{10} + x^8 + x^7 + x^6 + 1$	$z^{120} + 11610 z^{116} + 3701120 z^{114} + 825629715 z^{112}$ $+ 113414597760 z^{110} + 10296062422100 z^{108}$ $+ 653720311808640 z^{106}$ $+ 30316444844126445 z^{104}$ $+ 1061274476684745600 z^{102}$ $+ 28771706831733650430 z^{100}$ $+ 616536560917033493760 z^{98}$ $+ 10617385108901800114095 z^{96}$ $+ 148970080374032444071680 z^{94}$ $+ 1722614341512553893538440 z^{92}$ $+ 16576698008125927148046080 z^{90}$ $+ 133850152268320728023738685 z^{88}$ $+ 913330450763143449343499520 z^{86}$ $+ 5298766345289589756324009450 z^{84}$ $+ 26275248193054160232989182080 z^{82}$ $+ 111871922114245532806096359543 z^{80}$ $+ 410586845390092057017448237440 z^{78}$ $+ 1303374520831716248220696615660 z^{76}$ $+ 3589002303739360962642505054080 z^{74}$ $+ 8593878743261830242667650891465 z^{72}$ $+ 17931391075737504729304692126336 z^{70}$ $+ 32657850262372517204028387338430 z^{68}$ $+ 51987828719554487121203805416960 z^{66}$ $+ 72411618573666993472190241473235 z^{64}$ $+ 88313262579862270113352110451200 z^{62}$ $+ 94350496914416236482679012449392 z^{60}$ $+ 88313262579862270113352110451200 z^{58}$ $+ 72411618573666993472190241473235 z^{56}$ $+ 51987828719554487121203805416960 z^{54}$	$\{[60, \sqrt{30}]\}$

		$+32657850262372517204028387338430 z^{52}$ $+17931391075737504729304692126336 z^{50}$ $+8593878743261830242667650891465 z^{48}$ $+3589002303739360962642505054080 z^{46}$ $+1303374520831716248220696615660 z^{44}$ $+410586845390092057017448237440 z^{42}$ $+111871922114245532806096359543 z^{40}$ $+26275248193054160232989182080 z^{38}$ $+5298766345289589756324009450 z^{36}$ $+913330450763143449343499520 z^{34}$ $+133850152268320728023738685 z^{32}$ $+16576698008125927148046080 z^{30}$ $+1722614341512553893538440 z^{28}$ $+148970080374032444071680 z^{26}$ $+10617385108901800114095 z^{24}$ $+616536560917033493760 z^{22}$ $+28771706831733650430 z^{20}$ $+1061274476684745600 z^{18}$ $+30316444844126445 z^{16}$ $+653720311808640 z^{14} + 10296062422100 z^{12}$ $+113414597760 z^{10} + 825629715 z^8 + 3701120 z^6$ $+11610 z^4 + 1$	
		$z^{120} + 60 z^{118} + 15450 z^{116} + 4217900 z^{114}$ $+ 861973395 z^{112} + 114758433672 z^{110}$ $+ 10322642670420 z^{108} + 653995174898760 z^{106}$ $+ 30317534786633325 z^{104}$ $+ 1061270627260974980 z^{102}$ $+ 28771662177592560894 z^{100}$ $+ 616536546675493437300 z^{98}$ $+ 10617385878743806018735 z^{96}$ $+ 148970081115173136637200 z^{94}$	

$\{[120, 2, 109]\}$

$$x^{11} + x^{10} + x^8 + x^3 + x + 1$$

$$\begin{aligned} &+1722614332515062325684360 z^{92} \\ &+16576698001481153649928720 z^{90} \\ &+133850152345754252028952125 z^{88} \\ &+913330450773573725755747260 z^{86} \\ &+5298766344812321967831412970 z^{84} \\ &+26275248193325757969649982700 z^{82} \\ &+111871922116185898992570830583 z^{80} \\ &+410586845387558489216537271480 z^{78} \\ &+1303374520827152921419725931500 z^{76} \\ &+3589002303750364636495125934200 z^{74} \\ &+8593878743264905413264481645385 z^{72} \\ &+17931391075710735806455629070692 z^{70} \\ &+32657850262386231241823715042750 z^{68} \\ &+51987828719590262960100756132500 z^{66} \\ &+72411618573622329637500548010195 z^{64} \\ &+88313262579844372869498925908960 z^{62} \\ &+94350496914478336097782489235568 z^{60} \\ &+88313262579844372869498925908960 z^{58} \\ &+72411618573622329637500548010195 z^{56} \\ &+51987828719590262960100756132500 z^{54} \\ &+32657850262386231241823715042750 z^{52} \\ &+17931391075710735806455629070692 z^{50} \\ &+8593878743264905413264481645385 z^{48} \\ &+3589002303750364636495125934200 z^{46} \\ &+1303374520827152921419725931500 z^{44} \\ &+410586845387558489216537271480 z^{42} \\ &+111871922116185898992570830583 z^{40} \\ &+26275248193325757969649982700 z^{38} \\ &+5298766344812321967831412970 z^{36} \\ &+913330450773573725755747260 z^{34} \\ &+133850152345754252028952125 z^{32} \end{aligned}$$

 $\{[60, \sqrt{30}]\}$

		$+16576698001481153649928720 z^{30}$ $+1722614332515062325684360 z^{28}$ $+148970081115173136637200 z^{26}$ $+10617385878743806018735 z^{24}$ $+616536546675493437300 z^{22}$ $+28771662177592560894 z^{20}$ $+1061270627260974980 z^{18}$ $+30317534786633325 z^{16}$ $+653995174898760 z^{14} + 10322642670420 z^{12}$ $+114758433672 z^{10} + 861973395 z^8 + 4217900 z^6$ $+15450 z^4 + 60 z^2 + 1$	
		$z^{120} + 60 z^{118} + 20250 z^{116} + 5134380 z^{114}$ $+ 956825235 z^{112} + 119919378312 z^{110}$ $+ 10486185886420 z^{108} + 657148380930120 z^{106}$ $+ 30354554813885805 z^{104}$ $+ 1061517268100076420 z^{102}$ $+ 28772299722067865406 z^{100}$ $+ 616534075887687403380 z^{98}$ $+ 10617365599202875573935 z^{96}$ $+ 148970066517291691414800 z^{94}$ $+ 1722614551543870556236680 z^{92}$ $+ 16576698419541568491201040 z^{90}$ $+ 133850150859355385400971325 z^{88}$ $+ 913330447015916508835509180 z^{86}$ $+ 5298766352566713044585273770 z^{84}$ $+ 26275248213719655186431832300 z^{82}$ $+ 111871922082382974294063396855 z^{80}$ $+ 410586845312628836177113204920 z^{78}$ $+ 1303374520949163937727988206700 z^{76}$ $+ 3589002303941084677554917330040 z^{74}$ $+ 8593878742917981366349946857545 z^{72}$	

$\{[120, 2, 109]\}$	$x^{11} + x^{10} + x^8 + x^6 + x^5 + x^4 + x^2 + 1$	$+17931391075381073185257495602532 z^{70}$ $+32657850263132286310062363871230 z^{68}$ $+51987828719946146694841604260500 z^{66}$ $+72411618572434554650660415970515 z^{64}$ $+88313262579685323886391185298400 z^{62}$ $+94350496915866273013183882316400 z^{60}$ $+88313262579685323886391185298400 z^{58}$ $+72411618572434554650660415970515 z^{56}$ $+51987828719946146694841604260500 z^{54}$ $+32657850263132286310062363871230 z^{52}$ $+17931391075381073185257495602532 z^{50}$ $+8593878742917981366349946857545 z^{48}$ $+3589002303941084677554917330040 z^{46}$ $+1303374520949163937727988206700 z^{44}$ $+410586845312628836177113204920 z^{42}$ $+111871922082382974294063396855 z^{40}$ $+26275248213719655186431832300 z^{38}$ $+5298766352566713044585273770 z^{36}$ $+913330447015916508835509180 z^{34}$ $+133850150859355385400971325 z^{32}$ $+16576698419541568491201040 z^{30}$ $+1722614551543870556236680 z^{28}$ $+148970066517291691414800 z^{26}$ $+10617365599202875573935 z^{24}$ $+616534075887687403380 z^{22}$ $+28772299722067865406 z^{20}$ $+1061517268100076420 z^{18}$ $+30354554813885805 z^{16}$ $+657148380930120 z^{14} + 10486185886420 z^{12}$ $+119919378312 z^{10} + 956825235 z^8 + 5134380 z^6$ $+20250 z^4 + 60 z^2 + 1$	$\{[60, \sqrt{30}]\}$
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$\{[120, 2, 109]\}$

$$x^{11} + x^{10} + x^7 + x^6 + x^3 + x^2 + x + 1$$

$$\begin{aligned} & z^{120} + 60 z^{118} + 35610 z^{116} + 5871660 z^{114} \\ & + 912158355 z^{112} + 115053772680 z^{110} \\ & + 10309222865620 z^{108} + 653717487034440 z^{106} \\ & + 30315831008189805 z^{104} \\ & + 1061273144835871620 z^{102} \\ & + 28771722398097720126 z^{100} \\ & + 616536593388709283700 z^{98} \\ & + 10617384814281736332975 z^{96} \\ & + 148970080131093542376720 z^{94} \\ & + 1722614345416620382018440 z^{92} \\ & + 16576698005708719788139024 z^{90} \\ & + 133850152237426657656664125 z^{88} \\ & + 913330450826258899842495420 z^{86} \\ & + 5298766345391092411337012650 z^{84} \\ & + 26275248192560105558440751340 z^{82} \\ & + 111871922114505049161918547959 z^{80} \\ & + 410586845391696824769446906040 z^{78} \\ & + 1303374520828552112873193895020 z^{76} \\ & + 3589002303738860887807043374200 z^{74} \\ & + 8593878743270713605131135793225 z^{72} \\ & + 17931391075727528274995534685540 z^{70} \\ & + 32657850262366931621356614474750 z^{68} \\ & + 51987828719577817921349158257300 z^{66} \\ & + 72411618573650615598980604714195 z^{64} \\ & + 88313262579848100527642969756640 z^{62} \\ & + 94350496914448345671880683154032 z^{60} \\ & + 88313262579848100527642969756640 z^{58} \\ & + 72411618573650615598980604714195 z^{56} \\ & + 51987828719577817921349158257300 z^{54} \\ & + 32657850262366931621356614474750 z^{52} \\ & + 17931391075727528274995534685540 z^{50} \end{aligned}$$

$\{[60, \sqrt{30}]\}$

		$+8593878743270713605131135793225 z^{48}$ $+3589002303738860887807043374200 z^{46}$ $+1303374520828552112873193895020 z^{44}$ $+410586845391696824769446906040 z^{42}$ $+111871922114505049161918547959 z^{40}$ $+26275248192560105558440751340 z^{38}$ $+5298766345391092411337012650 z^{36}$ $+913330450826258899842495420 z^{34}$ $+133850152237426657656664125 z^{32}$ $+16576698005708719788139024 z^{30}$ $+1722614345416620382018440 z^{28}$ $+148970080131093542376720 z^{26}$ $+10617384814281736332975 z^{24}$ $+616536593388709283700 z^{22}$ $+28771722398097720126 z^{20}$ $+1061273144835871620 z^{18}$ $+30315831008189805 z^{16}$ $+653717487034440 z^{14} + 10309222865620 z^{12}$ $+115053772680 z^{10} + 912158355 z^8 + 5871660 z^6$ $+35610 z^4 + 60 z^2 + 1$	
		$z^{120} + 240 z^{118} + 50220 z^{116} + 7481600 z^{114}$ $+ 1034845275 z^{112} + 121063266000 z^{110}$ $+ 10490140999400 z^{108} + 657090039075600 z^{106}$ $+ 30354246583295445 z^{104}$ $+ 1061519257984945440 z^{102}$ $+ 28772307164277720036 z^{100}$ $+ 616534023979644049200 z^{98}$ $+ 10617365543143061898975 z^{96}$ $+ 148970067369578910217440 z^{94}$ $+ 1722614550648933471832080 z^{92}$ $+ 16576698412697794928174048 z^{90}$	

$\{[120, 2, 109]\}$

$$x^{11} + x^{10} + x^7 + x^6 + x^5 + x^4 + x + 1$$

$$\begin{aligned} &+133850150879971105903312365 z^{88} \\ &+913330447025977926924586320 z^{86} \\ &+5298766352420973229118760780 z^{84} \\ &+26275248213934847461461948960 z^{82} \\ &+111871922082657783398423481807 z^{80} \\ &+410586845311318015024517335920 z^{78} \\ &+1303374520950406634584217137560 z^{76} \\ &+3589002303942917257656307431600 z^{74} \\ &+8593878742912173004908198357825 z^{72} \\ &+17931391075385177756033211751872 z^{70} \\ &+32657850263137959111029321814180 z^{68} \\ &+51987828719932232863862193130640 z^{66} \\ &+72411618572442493542755260131315 z^{64} \\ &+88313262579694644376993797929280 z^{62} \\ &+94350496915847379070772031229664 z^{60} \\ &+88313262579694644376993797929280 z^{58} \\ &+72411618572442493542755260131315 z^{56} \\ &+51987828719932232863862193130640 z^{54} \\ &+32657850263137959111029321814180 z^{52} \\ &+17931391075385177756033211751872 z^{50} \\ &+8593878742912173004908198357825 z^{48} \\ &+3589002303942917257656307431600 z^{46} \\ &+1303374520950406634584217137560 z^{44} \\ &+410586845311318015024517335920 z^{42} \\ &+111871922082657783398423481807 z^{40} \\ &+26275248213934847461461948960 z^{38} \\ &+5298766352420973229118760780 z^{36} \\ &+913330447025977926924586320 z^{34} \\ &+133850150879971105903312365 z^{32} \\ &+16576698412697794928174048 z^{30} \\ &+1722614550648933471832080 z^{28} \end{aligned}$$

 $\{[60, \sqrt{30}]\}$

		$+148970067369578910217440 z^{26}$ $+10617365543143061898975 z^{24}$ $+616534023979644049200 z^{22}$ $+28772307164277720036 z^{20}$ $+1061519257984945440 z^{18}$ $+30354246583295445 z^{16}$ $+657090039075600 z^{14} + 10490140999400 z^{12}$ $+121063266000 z^{10} + 1034845275 z^8$ $+7481600 z^6 + 50220 z^4 + 240 z^2 + 1$	
		$z^{120} + 420 z^{118} + 83370 z^{116} + 13021620 z^{114}$ $+1685299155 z^{112} + 165711659064 z^{110}$ $+12353048025460 z^{108} + 707197910050680 z^{106}$ $+31255410646888365 z^{104}$ $+1072510279539007260 z^{102}$ $+28862076908967327342 z^{100}$ $+616994949757197181740 z^{98}$ $+10618514760705247287855 z^{96}$ $+148968617312513859734640 z^{94}$ $+1722595420102161013677000 z^{92}$ $+16576658952058928070860656 z^{90}$ $+133850224374947983035768765 z^{88}$ $+913330857610227402648363300 z^{86}$ $+5298766480709425179646741690 z^{84}$ $+26275246229389480551883103220 z^{82}$ $+111871919756802778833146060727 z^{80}$ $+410586851289351127683870243720 z^{78}$ $+1303374532047671931830760251340 z^{76}$ $+3589002291694416794230562840520 z^{74}$ $+8593878710570366988410307998985 z^{72}$ $+17931391092789926277366263288124 z^{70}$ $+32657850329401386741980493649710 z^{68}$	

$\{[120, 2, 109]\}$	$x^{11} + x^{10} + x^6 + x^5 + x + 1$	$ \begin{aligned} &+51987828703712378829343063292940 z^{66} \\ &+72411618471953658235966805598675 z^{64} \\ &+88313262586394364885781265928480 z^{62} \\ &+94350497031071704728458714682864 z^{60} \\ &+88313262586394364885781265928480 z^{58} \\ &+72411618471953658235966805598675 z^{56} \\ &+51987828703712378829343063292940 z^{54} \\ &+32657850329401386741980493649710 z^{52} \\ &+17931391092789926277366263288124 z^{50} \\ &+8593878710570366988410307998985 z^{48} \\ &+3589002291694416794230562840520 z^{46} \\ &+1303374532047671931830760251340 z^{44} \\ &+410586851289351127683870243720 z^{42} \\ &+111871919756802778833146060727 z^{40} \\ &+26275246229389480551883103220 z^{38} \\ &+5298766480709425179646741690 z^{36} \\ &+913330857610227402648363300 z^{34} \\ &+133850224374947983035768765 z^{32} \\ &+16576658952058928070860656 z^{30} \\ &+1722595420102161013677000 z^{28} \\ &+148968617312513859734640 z^{26} \\ &+10618514760705247287855 z^{24} \\ &+616994949757197181740 z^{22} \\ &+28862076908967327342 z^{20} \\ &+1072510279539007260 z^{18} \\ &+31255410646888365 z^{16} \\ &+707197910050680 z^{14} + 12353048025460 z^{12} \\ &+165711659064 z^{10} + 1685299155 z^8 \\ &+13021620 z^6 + 83370 z^4 + 420 z^2 + 1 \end{aligned} $	$\{[60, \sqrt{30}]\}$
		$ \begin{aligned} &z^{120} + 300 z^{118} + 101370 z^{116} + 18707420 z^{114} \\ &+ 2388970515 z^{112} + 221219031720 z^{110} \end{aligned} $	

$$\{[120, 2, 109]\} x^{11} + x^{10} + x + 1$$

$$\begin{aligned}
&+15398513002900 z^{108} + 823643012471400 z^{106} \\
&+34368216811174125 z^{104} \\
&+1131340577897418900 z^{102} \\
&+29657955838514548446 z^{100} \\
&+624753228316796038980 z^{98} \\
&+10672702643677780524975 z^{96} \\
&+149231818525762210942800 z^{94} \\
&+1723403851103806958916360 z^{92} \\
&+16577647477723096030634064 z^{90} \\
&+133847026992449657858756925 z^{88} \\
&+913314021106196625406327980 z^{86} \\
&+5298742982752025006843964810 z^{84} \\
&+26275282979280605733658078620 z^{82} \\
&+111872090384046331005025392759 z^{80} \\
&+410586974620385361649565076120 z^{78} \\
&+1303374132560811413943623299500 z^{76} \\
&+3589001477192612936411911223640 z^{74} \\
&+8593878885817240768258526314185 z^{72} \\
&+17931393025224945053665265006580 z^{70} \\
&+32657851528716473557410243811230 z^{68} \\
&+51987826324919152479399162570980 z^{66} \\
&+72411615169970648518294021558995 z^{64} \\
&+88313263702750410886099705046880 z^{62} \\
&+94350501395296880942874103325552 z^{60} \\
&+88313263702750410886099705046880 z^{58} \\
&+72411615169970648518294021558995 z^{56} \\
&+51987826324919152479399162570980 z^{54} \\
&+32657851528716473557410243811230 z^{52} \\
&+17931393025224945053665265006580 z^{50} \\
&+8593878885817240768258526314185 z^{48} \\
&+3589001477192612936411911223640 z^{46}
\end{aligned}$$

$$\{[60, \sqrt{30}]\}$$

		$+1303374132560811413943623299500 z^{44}$ $+410586974620385361649565076120 z^{42}$ $+111872090384046331005025392759 z^{40}$ $+26275282979280605733658078620 z^{38}$ $+5298742982752025006843964810 z^{36}$ $+913314021106196625406327980 z^{34}$ $+133847026992449657858756925 z^{32}$ $+16577647477723096030634064 z^{30}$ $+1723403851103806958916360 z^{28}$ $+149231818525762210942800 z^{26}$ $+10672702643677780524975 z^{24}$ $+624753228316796038980 z^{22}$ $+29657955838514548446 z^{20}$ $+1131340577897418900 z^{18}$ $+34368216811174125 z^{16}$ $+823643012471400 z^{14} + 15398513002900 z^{12}$ $+221219031720 z^{10} + 2388970515 z^8$ $+18707420 z^6 + 101370 z^4 + 300 z^2 + 1$	
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