

$\{[n,q,k]\}$	Generator Polynomial	Weight Numerator	$\{\text{Avg Wt, Std}\}$
$\{[7, 2, 0]\}$	0	$\frac{1}{128} z^7 + \frac{7}{128} z^6 + \frac{21}{128} z^5 + \frac{35}{128} z^4 + \frac{35}{128} z^3 + \frac{21}{128} z^2 + \frac{7}{128} z + \frac{1}{128}$	$\left\{ \left[\frac{7}{2}, \frac{\sqrt{7}}{2} \right] \right\}$
$\{[8, 2, 1]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^8 + 1$	$\{[4, 4]\}$
$\{[9, 2, 2]\}$	$x^7 + x^6 + x^4 + x^3 + x + 1$	$3 z^6 + 1$	$\left\{ \left[\frac{9}{2}, \frac{3\sqrt{3}}{2} \right] \right\}$
$\{[12, 2, 5]\}$	$x^7 + x^5 + x^4 + x^3 + x^2 + 1$	$z^{12} + 3 z^8 + 24 z^6 + 3 z^4 + 1$	$\{[6, \sqrt{3}]\}$
$\{[12, 2, 5]\}$	$x^7 + x^6 + x + 1$	$z^{12} + 15 z^8 + 15 z^4 + 1$	$\{[6, \sqrt{6}]\}$
$\{[14, 2, 7]\}$	$x^7 + 1$	$z^{14} + 7 z^{12} + 21 z^{10} + 35 z^8 + 35 z^6 + 21 z^4 + 7 z^2 + 1$	$\{[7, \sqrt{7}]\}$
$\{[14, 2, 7]\}$	$x^7 + x^6 + x^5 + x^4 + x + 1$	$z^{14} + 14 z^{10} + 49 z^8 + 49 z^6 + 14 z^4 + 1$	$\left\{ \left[7, \frac{\sqrt{14}}{2} \right] \right\}$
$\{[14, 2, 7]\}$	$x^7 + x^6 + x^3 + x^2 + x + 1$	$z^{14} + 14 z^{10} + 49 z^8 + 49 z^6 + 14 z^4 + 1$	$\left\{ \left[7, \frac{\sqrt{14}}{2} \right] \right\}$
$\{[15, 2, 8]\}$	$x^7 + x^3 + x + 1$	$5 z^{12} + 60 z^{10} + 75 z^8 + 100 z^6 + 15 z^4 + 1$	$\left\{ \left[\frac{15}{2}, \frac{\sqrt{15}}{2} \right] \right\}$
$\{[15, 2, 8]\}$	$x^7 + x^6 + x^5 + x^2 + x + 1$	$60 z^{10} + 105 z^8 + 60 z^6 + 30 z^4 + 1$	$\left\{ \left[\frac{15}{2}, \frac{\sqrt{15}}{2} \right] \right\}$
$\{[15, 2, 8]\}$	$x^7 + x^6 + x^4 + 1$	$5 z^{12} + 60 z^{10} + 75 z^8 + 100 z^6 + 15 z^4 + 1$	$\left\{ \left[\frac{15}{2}, \frac{\sqrt{15}}{2} \right] \right\}$
$\{[16, 2, 9]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{16} + 8 z^{14} + 28 z^{12} + 56 z^{10} + 326 z^8 + 56 z^6 + 28 z^4 + 8 z^2 + 1$	$\{[8, 2]\}$
$\{[18, 2, 11]\}$	$x^7 + x^6 + x^4 + x^3 + x + 1$	$z^{18} + 9 z^{16} + 36 z^{14} + 276 z^{12} + 702 z^{10} + 702 z^8 + 276 z^6 + 36 z^4 + 9 z^2 + 1$	$\left\{ \left[9, \frac{3\sqrt{2}}{2} \right] \right\}$
$\{[20, 2, 13]\}$	$x^7 + x^5 + x^2 + 1$	$z^{20} + 125 z^{16} + 480 z^{14} + 2050 z^{12} + 2880 z^{10} + 2050 z^8 + 480 z^6 + 125 z^4 + 1$	$\{[10, \sqrt{5}]\}$
$\{[21, 2, 14]\}$			

	x^7+1	$2187 z^{14}+5103 z^{12}+5103 z^{10}+2835 z^8+945 z^6+189 z^4+21 z^2+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[21, 2, 14]\}$	$x^7+x^4+x^3+x^2+x+1$	$28 z^{18}+273 z^{16}+1956 z^{14}+4340 z^{12}+5796 z^{10}+2982 z^8+924 z^6+84 z^4+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[21, 2, 14]\}$	$x^7+x^6+x^5+x^4+x^3+1$	$28 z^{18}+273 z^{16}+1956 z^{14}+4340 z^{12}+5796 z^{10}+2982 z^8+924 z^6+84 z^4+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[24, 2, 17]\}$	$x^7+x^4+x^3+1$	$z^{24}+210 z^{20}+1920 z^{18}+11823 z^{16}+30336 z^{14}+42492 z^{12}+30336 z^{10}+11823 z^8+1920 z^6+210 z^4+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 17]\}$	$x^7+x^5+x^4+x^3+x^2+1$	$z^{24}+12 z^{22}+114 z^{20}+2140 z^{18}+11823 z^{16}+29592 z^{14}+43708 z^{12}+29592 z^{10}+11823 z^8+2140 z^6+114 z^4+12 z^2+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 17]\}$	$x^7+x^6+x^5+x^4+x^3+x^2+x+1$	$z^{24}+24 z^{22}+252 z^{20}+1512 z^{18}+12231 z^{16}+31104 z^{14}+40824 z^{12}+31104 z^{10}+12231 z^8+1512 z^6+252 z^4+24 z^2+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 17]\}$	x^7+x^6+x+1	$z^{24}+12 z^{22}+306 z^{20}+2140 z^{18}+11055 z^{16}+29592 z^{14}+44860 z^{12}+29592 z^{10}+11055 z^8+2140 z^6+306 z^4+12 z^2+1$	$\{[12, \sqrt{6}]\}$
$\{[27, 2, 20]\}$	$x^7+x^6+x^4+x^3+x+1$	$81 z^{24}+1539 z^{22}+12420 z^{20}+74847 z^{18}+204903 z^{16}+310230 z^{14}+272808 z^{12}+132678 z^{10}+34263 z^8+4455 z^6+324 z^4+27 z^2+1$	$\left\{ \left[\frac{27}{2}, \frac{3\sqrt{3}}{2} \right] \right\}$
$\{[28, 2, 21]\}$	x^7+1	$z^{28}+42 z^{26}+763 z^{24}+7812 z^{22}+49161 z^{20}+194166 z^{18}+470267 z^{16}+652728 z^{14}+470267 z^{12}+194166 z^{10}+49161 z^8+7812 z^6+763 z^4+42 z^2+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 21]\}$	$x^7+x^5+x^4+x^3+x+1$	$301 z^{24}+5992 z^{22}+48678 z^{20}+204064 z^{18}+476903 z^{16}+625968 z^{14}+475300 z^{12}+204960 z^{10}+49035 z^8+5544 z^6+406 z^4+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 21]\}$	$x^7+x^6+x^5+x^4+x+1$	$z^{28}+14 z^{26}+315 z^{24}+5740 z^{22}+48713 z^{20}+206290 z^{18}+471163 z^{16}+632680 z^{14}+471163 z^{12}+206290 z^{10}+48713 z^8+5740 z^6+315 z^4+14 z^2+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 21]\}$	$x^7+x^6+x^4+x^3+x^2+1$	$301 z^{24}+5992 z^{22}+48678 z^{20}+204064 z^{18}+476903 z^{16}+625968 z^{14}+475300 z^{12}+204960 z^{10}+49035 z^8+5544 z^6+406 z^4+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 21]\}$	$x^7+x^6+x^3+x^2+x+1$	$z^{28}+14 z^{26}+315 z^{24}+5740 z^{22}+48713 z^{20}+206290 z^{18}+471163 z^{16}+632680 z^{14}+471163 z^{12}+206290 z^{10}+48713 z^8+5740 z^6+315 z^4$	$\{[14, \sqrt{7}]\}$

		$+14z^2+1$	
$\{[30, 2, 23]\}$	x^7+x^3+x+1	$z^{30}+15z^{28}+345z^{26}+9495z^{24}+91365z^{22}+468843z^{20}+1352685z^{18}$ $+2271555z^{16}+2271555z^{14}+1352685z^{12}+468843z^{10}+91365z^8$ $+9495z^6+345z^4+15z^2+1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 23]\}$	$x^7+x^6+x^5+x^2+x+1$	$z^{30}+15z^{28}+585z^{26}+9575z^{24}+89205z^{22}+470043z^{20}+1357645z^{18}$ $+2267235z^{16}+2267235z^{14}+1357645z^{12}+470043z^{10}+89205z^8$ $+9575z^6+585z^4+15z^2+1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 23]\}$	$x^7+x^6+x^4+1$	$z^{30}+15z^{28}+345z^{26}+9495z^{24}+91365z^{22}+468843z^{20}+1352685z^{18}$ $+2271555z^{16}+2271555z^{14}+1352685z^{12}+468843z^{10}+91365z^8$ $+9495z^6+345z^4+15z^2+1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[32, 2, 25]\}$	$x^7+x^6+x^5+x^4+x^3+x^2+x+1$	$z^{32}+48z^{30}+1016z^{28}+12432z^{26}+162332z^{24}+1021232z^{22}$ $+3519432z^{20}+7338512z^{18}+9444422z^{16}+7338512z^{14}$ $+3519432z^{12}+1021232z^{10}+162332z^8+12432z^6+1016z^4+48z^2$ $+1$	$\{[16, 2\sqrt{2}]\}$
$\{[35, 2, 28]\}$	x^7+1	$78125z^{28}+1093750z^{26}+6671875z^{24}+23187500z^{22}+50378125z^{20}$ $+70656250z^{18}+63896875z^{16}+36425000z^{14}+12779375z^{12}$ $+2826250z^{10}+403025z^8+37100z^6+2135z^4+70z^2+1$	$\left\{ \left[\frac{35}{2}, \frac{\sqrt{35}}{2} \right] \right\}$
$\{[35, 2, 28]\}$	$x^7+x^4+x^3+x+1$	$z^{35}+665z^{31}+2100z^{30}+13020z^{29}+52535z^{28}+182525z^{27}$ $+556640z^{26}+1426880z^{25}+3258255z^{24}+6538805z^{23}$ $+11510100z^{22}+18123420z^{21}+25403707z^{20}+31688755z^{19}$ $+35460320z^{18}+35460320z^{17}+31688755z^{16}+25403707z^{15}$ $+18123420z^{14}+11510100z^{13}+6538805z^{12}+3258255z^{11}$ $+1426880z^{10}+556640z^9+182525z^8+52535z^7+13020z^6$ $+2100z^5+665z^4+1$	$\left\{ \left[\frac{35}{2}, \frac{\sqrt{35}}{2} \right] \right\}$
$\{[35, 2, 28]\}$	$x^7+x^6+x^4+x^3+1$	$z^{35}+665z^{31}+2100z^{30}+13020z^{29}+52535z^{28}+182525z^{27}$ $+556640z^{26}+1426880z^{25}+3258255z^{24}+6538805z^{23}$ $+11510100z^{22}+18123420z^{21}+25403707z^{20}+31688755z^{19}$ $+35460320z^{18}+35460320z^{17}+31688755z^{16}+25403707z^{15}$ $+18123420z^{14}+11510100z^{13}+6538805z^{12}+3258255z^{11}$ $+1426880z^{10}+556640z^9+182525z^8+52535z^7+13020z^6$	$\left\{ \left[\frac{35}{2}, \frac{\sqrt{35}}{2} \right] \right\}$

		$+2100 z^5 + 665 z^4 + 1$	
$\{[36, 2, 29]\}$	$x^7 + x^5 + x^4 + x^3 + x^2 + 1$	$z^{36} + 36 z^{34} + 837 z^{32} + 29592 z^{30} + 478872 z^{28} + 3955104 z^{26}$ $+ 19578000 z^{24} + 59317992 z^{22} + 114143634 z^{20} + 141862776 z^{18}$ $+ 114143634 z^{16} + 59317992 z^{14} + 19578000 z^{12} + 3955104 z^{10}$ $+ 478872 z^8 + 29592 z^6 + 837 z^4 + 36 z^2 + 1$	$\{[18, 3]\}$
$\{[36, 2, 29]\}$	$x^7 + x^6 + x^4 + x^3 + x + 1$	$z^{36} + 54 z^{34} + 1305 z^{32} + 30864 z^{30} + 467316 z^{28} + 3965544 z^{26}$ $+ 19606788 z^{24} + 59282928 z^{22} + 114076782 z^{20} + 142007748 z^{18}$ $+ 114076782 z^{16} + 59282928 z^{14} + 19606788 z^{12} + 3965544 z^{10}$ $+ 467316 z^8 + 30864 z^6 + 1305 z^4 + 54 z^2 + 1$	$\{[18, 3]\}$
$\{[36, 2, 29]\}$	$x^7 + x^6 + x + 1$	$z^{36} + 36 z^{34} + 1809 z^{32} + 36720 z^{30} + 484380 z^{28} + 3900816 z^{26}$ $+ 19521852 z^{24} + 59526288 z^{22} + 114242454 z^{20} + 141442200 z^{18}$ $+ 114242454 z^{16} + 59526288 z^{14} + 19521852 z^{12} + 3900816 z^{10}$ $+ 484380 z^8 + 36720 z^6 + 1809 z^4 + 36 z^2 + 1$	$\{[18, 3]\}$
$\{[40, 2, 33]\}$	$x^7 + x^5 + x^2 + 1$	$z^{40} + 20 z^{38} + 2190 z^{36} + 63860 z^{34} + 1199725 z^{32} + 13177744 z^{30}$ $+ 87385640 z^{28} + 362769360 z^{26} + 981802130 z^{24} + 1771210520 z^{22}$ $+ 2154712212 z^{20} + 1771210520 z^{18} + 981802130 z^{16}$ $+ 362769360 z^{14} + 87385640 z^{12} + 13177744 z^{10} + 1199725 z^8$ $+ 63860 z^6 + 2190 z^4 + 20 z^2 + 1$	$\{[20, \sqrt{10}]\}$
$\{[40, 2, 33]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{40} + 80 z^{38} + 2840 z^{36} + 58800 z^{34} + 1175325 z^{32} + 13292000 z^{30}$ $+ 87432000 z^{28} + 362100000 z^{26} + 982481250 z^{24} + 1772000000 z^{22}$ $+ 2152850000 z^{20} + 1772000000 z^{18} + 982481250 z^{16}$ $+ 362100000 z^{14} + 87432000 z^{12} + 13292000 z^{10} + 1175325 z^8$ $+ 58800 z^6 + 2840 z^4 + 80 z^2 + 1$	$\{[20, \sqrt{10}]\}$
$\{[42, 2, 35]\}$	$x^7 + 1$	$z^{42} + 105 z^{40} + 4830 z^{38} + 127582 z^{36} + 2131605 z^{34} + 23413005 z^{32}$ $+ 170737896 z^{30} + 822580200 z^{28} + 2607894450 z^{26}$ $+ 5534841410 z^{24} + 8018138100 z^{22} + 8018138100 z^{20}$ $+ 5534841410 z^{18} + 2607894450 z^{16} + 822580200 z^{14}$ $+ 170737896 z^{12} + 23413005 z^{10} + 2131605 z^8 + 127582 z^6 + 4830 z^4$ $+ 105 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
		$z^{42} + 84 z^{39} + 987 z^{38} + 6720 z^{37} + 39907 z^{36} + 210420 z^{35} + 927108 z^{34}$	

$\{[42, 2, 35]\}$	$x^7 + x^4 + x^2 + x + 1$	$+3484544 z^{33} + 11483241 z^{32} + 33439056 z^{31} + 86405788 z^{30}$ $+ 199374336 z^{29} + 412976844 z^{28} + 770851088 z^{27}$ $+ 1300810014 z^{26} + 1989606528 z^{25} + 2763327476 z^{24}$ $+ 3490335576 z^{23} + 4013963226 z^{22} + 4205252480 z^{21}$ $+ 4013963226 z^{20} + 3490335576 z^{19} + 2763327476 z^{18}$ $+ 1989606528 z^{17} + 1300810014 z^{16} + 770851088 z^{15}$ $+ 412976844 z^{14} + 199374336 z^{13} + 86405788 z^{12} + 33439056 z^{11}$ $+ 11483241 z^{10} + 3484544 z^9 + 927108 z^8 + 210420 z^7 + 39907 z^6$ $+ 6720 z^5 + 987 z^4 + 84 z^3 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 35]\}$	$x^7 + x^4 + x^3 + x^2 + x + 1$	$z^{42} + 21 z^{40} + 1554 z^{38} + 83314 z^{36} + 1839201 z^{34} + 23002749 z^{32}$ $+ 172767224 z^{30} + 825951288 z^{28} + 2601719778 z^{26}$ $+ 5526501162 z^{24} + 8028002892 z^{22} + 8028002892 z^{20}$ $+ 5526501162 z^{18} + 2601719778 z^{16} + 825951288 z^{14}$ $+ 172767224 z^{12} + 23002749 z^{10} + 1839201 z^8 + 83314 z^6 + 1554 z^4$ $+ 21 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 35]\}$	$x^7 + x^5 + x^3 + x^2 + x + 1$	$21 z^{40} + 1680 z^{38} + 82306 z^{36} + 1842624 z^{34} + 22998717 z^{32}$ $+ 172755968 z^{30} + 826012344 z^{28} + 2601579456 z^{26}$ $+ 5526705002 z^{24} + 8027798688 z^{22} + 8028151404 z^{20}$ $+ 5526411072 z^{18} + 2601782946 z^{16} + 825896064 z^{14}$ $+ 172810232 z^{12} + 22978368 z^{10} + 1848609 z^8 + 80976 z^6 + 1890 z^4$ $+ 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 35]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + 1$	$z^{42} + 21 z^{40} + 1554 z^{38} + 83314 z^{36} + 1839201 z^{34} + 23002749 z^{32}$ $+ 172767224 z^{30} + 825951288 z^{28} + 2601719778 z^{26}$ $+ 5526501162 z^{24} + 8028002892 z^{22} + 8028002892 z^{20}$ $+ 5526501162 z^{18} + 2601719778 z^{16} + 825951288 z^{14}$ $+ 172767224 z^{12} + 23002749 z^{10} + 1839201 z^8 + 83314 z^6 + 1554 z^4$ $+ 21 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 35]\}$	$x^7 + x^6 + x^5 + x^4 + x^2 + 1$	$21 z^{40} + 1680 z^{38} + 82306 z^{36} + 1842624 z^{34} + 22998717 z^{32}$ $+ 172755968 z^{30} + 826012344 z^{28} + 2601579456 z^{26}$ $+ 5526705002 z^{24} + 8027798688 z^{22} + 8028151404 z^{20}$ $+ 5526411072 z^{18} + 2601782946 z^{16} + 825896064 z^{14}$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$

		$+172810232 z^{12} + 22978368 z^{10} + 1848609 z^8 + 80976 z^6 + 1890 z^4 + 1$	
$\{[42, 2, 35]\}$	$x^7 + x^6 + x^5 + x^4 + x + 1$	$z^{42} + 42 z^{40} + 1953 z^{38} + 81081 z^{36} + 1836702 z^{34} + 23042481 z^{32} + 172666004 z^{30} + 826022436 z^{28} + 2601857286 z^{26} + 5526177664 z^{24} + 8028183534 z^{22} + 8028183534 z^{20} + 5526177664 z^{18} + 2601857286 z^{16} + 826022436 z^{14} + 172666004 z^{12} + 23042481 z^{10} + 1836702 z^8 + 81081 z^6 + 1953 z^4 + 42 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 35]\}$	$x^7 + x^6 + x^5 + x^3 + 1$	$z^{42} + 84 z^{39} + 987 z^{38} + 6720 z^{37} + 39907 z^{36} + 210420 z^{35} + 927108 z^{34} + 3484544 z^{33} + 11483241 z^{32} + 33439056 z^{31} + 86405788 z^{30} + 199374336 z^{29} + 412976844 z^{28} + 770851088 z^{27} + 1300810014 z^{26} + 1989606528 z^{25} + 2763327476 z^{24} + 3490335576 z^{23} + 4013963226 z^{22} + 4205252480 z^{21} + 4013963226 z^{20} + 3490335576 z^{19} + 2763327476 z^{18} + 1989606528 z^{17} + 1300810014 z^{16} + 770851088 z^{15} + 412976844 z^{14} + 199374336 z^{13} + 86405788 z^{12} + 33439056 z^{11} + 11483241 z^{10} + 3484544 z^9 + 927108 z^8 + 210420 z^7 + 39907 z^6 + 6720 z^5 + 987 z^4 + 84 z^3 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 35]\}$	$x^7 + x^6 + x^3 + x^2 + x + 1$	$z^{42} + 42 z^{40} + 1953 z^{38} + 81081 z^{36} + 1836702 z^{34} + 23042481 z^{32} + 172666004 z^{30} + 826022436 z^{28} + 2601857286 z^{26} + 5526177664 z^{24} + 8028183534 z^{22} + 8028183534 z^{20} + 5526177664 z^{18} + 2601857286 z^{16} + 826022436 z^{14} + 172666004 z^{12} + 23042481 z^{10} + 1836702 z^8 + 81081 z^6 + 1953 z^4 + 42 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[45, 2, 38]\}$	$x^7 + x^3 + x + 1$	$135 z^{42} + 19575 z^{40} + 710820 z^{38} + 13821440 z^{36} + 158707665 z^{34} + 1140488325 z^{32} + 5388817632 z^{30} + 17235470160 z^{28} + 38098806390 z^{26} + 58964424870 z^{24} + 64322710920 z^{22} + 49529677392 z^{20} + 26810723890 z^{18} + 10103364810 z^{16} + 2607462720 z^{14} + 449360880 z^{12} + 49837779 z^{10} + 3372435 z^8 + 126900 z^6 + 2160 z^4 + 45 z^2 + 1$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$

$\{[45, 2, 38]\}$	$x^7+x^6+x^5+x^2+x+1$	$14580 z^{40}+691335 z^{38}+13878135 z^{36}+158950485 z^{34}$ $+1140040665 z^{32}+5387686332 z^{30}+17237956860 z^{28}$ $+38100255300 z^{26}+58957904940 z^{24}+64326101490 z^{22}$ $+49533122322 z^{20}+26807138790 z^{18}+10103115150 z^{16}$ $+2608585740 z^{14}+449275980 z^{12}+49666644 z^{10}+3379320 z^8$ $+139455 z^6+3375 z^4+45 z^2+1$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 38]\}$	$x^7+x^6+x^4+x^3+x+1$	$375 z^{42}+24750 z^{40}+713475 z^{38}+13745525 z^{36}+158636070 z^{34}$ $+1141345665 z^{32}+5387885628 z^{30}+17233855380 z^{28}$ $+38102472090 z^{26}+58964067000 z^{24}+64318394250 z^{22}$ $+49532613750 z^{20}+26812495000 z^{18}+10100553750 z^{16}$ $+2608267500 z^{14}+449650500 z^{12}+49692375 z^{10}+3355650 z^8$ $+134475 z^6+3645 z^4+90 z^2+1$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 38]\}$	$x^7+x^6+x^4+1$	$135 z^{42}+19575 z^{40}+710820 z^{38}+13821440 z^{36}+158707665 z^{34}$ $+1140488325 z^{32}+5388817632 z^{30}+17235470160 z^{28}$ $+38098806390 z^{26}+58964424870 z^{24}+64322710920 z^{22}$ $+49529677392 z^{20}+26810723890 z^{18}+10103364810 z^{16}$ $+2607462720 z^{14}+449360880 z^{12}+49837779 z^{10}+3372435 z^8$ $+126900 z^6+2160 z^4+45 z^2+1$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[48, 2, 41]\}$	$x^7+x^4+x^3+1$	$z^{48}+24 z^{46}+3636 z^{44}+192104 z^{42}+5887554 z^{40}+102164616 z^{38}$ $+1088830564 z^{36}+7535819256 z^{34}+35231896047 z^{32}$ $+114217110896 z^{30}+261495509352 z^{28}+427896332688 z^{26}$ $+503875762076 z^{24}+427896332688 z^{22}+261495509352 z^{20}$ $+114217110896 z^{18}+35231896047 z^{16}+7535819256 z^{14}$ $+1088830564 z^{12}+102164616 z^{10}+5887554 z^8+192104 z^6$ $+3636 z^4+24 z^2+1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 41]\}$	$x^7+x^5+x^4+x^3+x^2+1$	$z^{48}+72 z^{46}+3156 z^{44}+186552 z^{42}+5923074 z^{40}+102157080 z^{38}$ $+1088456708 z^{36}+7536921576 z^{34}+35230700271 z^{32}$ $+114217049680 z^{30}+261496809384 z^{28}+427895304624 z^{26}$ $+503876231196 z^{24}+427895304624 z^{22}+261496809384 z^{20}$ $+114217049680 z^{18}+35230700271 z^{16}+7536921576 z^{14}$	$\{[24, 2\sqrt{3}]\}$

		$+1088456708 z^{12} + 102157080 z^{10} + 5923074 z^8 + 186552 z^6 + 3156 z^4 + 72 z^2 + 1$	
$\{[48, 2, 41]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{48} + 120 z^{46} + 6420 z^{44} + 201608 z^{42} + 5797506 z^{40} + 102095400 z^{38} + 1090018756 z^{36} + 7534151640 z^{34} + 35228591343 z^{32} + 114228724016 z^{30} + 261486822696 z^{28} + 427886446800 z^{26} + 503897542940 z^{24} + 427886446800 z^{22} + 261486822696 z^{20} + 114228724016 z^{18} + 35228591343 z^{16} + 7534151640 z^{14} + 1090018756 z^{12} + 102095400 z^{10} + 5797506 z^8 + 201608 z^6 + 6420 z^4 + 120 z^2 + 1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 41]\}$	$x^7 + x^6 + x + 1$	$z^{48} + 72 z^{46} + 6228 z^{44} + 247992 z^{42} + 6310146 z^{40} + 102513432 z^{38} + 1084466180 z^{36} + 7531072488 z^{34} + 35253039855 z^{32} + 114231844432 z^{30} + 261437095848 z^{28} + 427885941168 z^{26} + 503958179868 z^{24} + 427885941168 z^{22} + 261437095848 z^{20} + 114231844432 z^{18} + 35253039855 z^{16} + 7531072488 z^{14} + 1084466180 z^{12} + 102513432 z^{10} + 6310146 z^8 + 247992 z^6 + 6228 z^4 + 72 z^2 + 1$	$\{[24, 2\sqrt{3}]\}$
$\{[49, 2, 42]\}$	$x^7 + 1$	$823543 z^{42} + 28824005 z^{40} + 449654478 z^{38} + 4122656258 z^{36} + 24680760167 z^{34} + 101495909949 z^{32} + 294330503432 z^{30} + 610283010680 z^{28} + 911990341710 z^{26} + 987411081930 z^{24} + 776228135284 z^{22} + 441949140780 z^{20} + 180704959974 z^{18} + 52285025954 z^{16} + 10502492616 z^{14} + 1440185656 z^{12} + 134180571 z^{10} + 8459409 z^8 + 355054 z^6 + 9506 z^4 + 147 z^2 + 1$	$\left\{\left[\frac{49}{2}, \frac{7}{2}\right]\right\}$
$\{[54, 2, 47]\}$	$x^7 + x^6 + x^4 + x^3 + x + 1$	$z^{54} + 135 z^{52} + 8235 z^{50} + 439677 z^{48} + 16336350 z^{46} + 373020498 z^{44} + 5358125250 z^{42} + 50721712110 z^{40} + 329597659899 z^{38} + 1514429659293 z^{36} + 5021765956305 z^{34} + 12195516955239 z^{32} + 21916382611284 z^{30} + 29334581693388 z^{28} + 29334581693388 z^{26} + 21916382611284 z^{24} + 12195516955239 z^{22} + 5021765956305 z^{20} + 1514429659293 z^{18} + 329597659899 z^{16} + 50721712110 z^{14} + 5358125250 z^{12} + 373020498 z^{10} + 16336350 z^8 + 439677 z^6 + 8235 z^4 + 135 z^2 + 1$	$\left\{\left[27, \frac{3\sqrt{6}}{2}\right]\right\}$

$\{[56, 2, 49]\}$	$x^7 + 1$	$z^{56} + 196 z^{54} + 16954 z^{52} + 850836 z^{50} + 27411195 z^{48} + 593341784 z^{46}$ $+ 8807373092 z^{44} + 90497252888 z^{42} + 649825489929 z^{40}$ $+ 3317920417420 z^{38} + 12279184773478 z^{36}$ $+ 33477958706332 z^{34} + 68038177626363 z^{32}$ $+ 103850450677008 z^{30} + 119523065546360 z^{28}$ $+ 103850450677008 z^{26} + 68038177626363 z^{24}$ $+ 33477958706332 z^{22} + 12279184773478 z^{20}$ $+ 3317920417420 z^{18} + 649825489929 z^{16} + 90497252888 z^{14}$ $+ 8807373092 z^{12} + 593341784 z^{10} + 27411195 z^8 + 850836 z^6$ $+ 16954 z^4 + 196 z^2 + 1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 49]\}$	$x^7 + x^5 + x^4 + x^3 + x + 1$	$z^{56} + 28 z^{54} + 6874 z^{52} + 513996 z^{50} + 22172283 z^{48} + 556146920 z^{46}$ $+ 8725533796 z^{44} + 90699757096 z^{42} + 650757363081 z^{40}$ $+ 3317633334036 z^{38} + 12275229083334 z^{36}$ $+ 33477797386628 z^{34} + 68047406614523 z^{32}$ $+ 103850801216624 z^{30} + 119510695162872 z^{28}$ $+ 103850801216624 z^{26} + 68047406614523 z^{24}$ $+ 33477797386628 z^{22} + 12275229083334 z^{20}$ $+ 3317633334036 z^{18} + 650757363081 z^{16} + 90699757096 z^{14}$ $+ 8725533796 z^{12} + 556146920 z^{10} + 22172283 z^8 + 513996 z^6$ $+ 6874 z^4 + 28 z^2 + 1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 49]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{56} + 168 z^{54} + 12628 z^{52} + 559832 z^{50} + 22014083 z^{48} + 554913632 z^{46}$ $+ 8730258264 z^{44} + 90704555424 z^{42} + 650712991089 z^{40}$ $+ 3317682457544 z^{38} + 12275335648940 z^{36}$ $+ 33477472436408 z^{34} + 68047630817803 z^{32}$ $+ 103851065043712 z^{30} + 119510130002256 z^{28}$ $+ 103851065043712 z^{26} + 68047630817803 z^{24}$ $+ 33477472436408 z^{22} + 12275335648940 z^{20}$ $+ 3317682457544 z^{18} + 650712991089 z^{16} + 90704555424 z^{14}$ $+ 8730258264 z^{12} + 554913632 z^{10} + 22014083 z^8 + 559832 z^6$ $+ 12628 z^4 + 168 z^2 + 1$	$\{[28, \sqrt{14}]\}$
		$z^{56} + 84 z^{54} + 6874 z^{52} + 509796 z^{50} + 22109563 z^{48} + 556648120 z^{46}$	

$\{[56, 2, 49]\}$	$x^7 + x^6 + x^5 + x^4 + x + 1$	$+8724971108 z^{44} + 90695771768 z^{42} + 650770482313 z^{40}$ $+3317629632828 z^{38} + 12275179437766 z^{36}$ $+33477894560908 z^{34} + 68047380254203 z^{32}$ $+103850644122960 z^{30} + 119510956404728 z^{28}$ $+103850644122960 z^{26} + 68047380254203 z^{24}$ $+33477894560908 z^{22} + 12275179437766 z^{20}$ $+3317629632828 z^{18} + 650770482313 z^{16} + 90695771768 z^{14}$ $+8724971108 z^{12} + 556648120 z^{10} + 22109563 z^8 + 509796 z^6$ $+6874 z^4 + 84 z^2 + 1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 49]\}$	$x^7 + x^6 + x^4 + x^3 + x^2 + 1$	$z^{56} + 28 z^{54} + 6874 z^{52} + 513996 z^{50} + 22172283 z^{48} + 556146920 z^{46}$ $+8725533796 z^{44} + 90699757096 z^{42} + 650757363081 z^{40}$ $+3317633334036 z^{38} + 12275229083334 z^{36}$ $+33477797386628 z^{34} + 68047406614523 z^{32}$ $+103850801216624 z^{30} + 119510695162872 z^{28}$ $+103850801216624 z^{26} + 68047406614523 z^{24}$ $+33477797386628 z^{22} + 12275229083334 z^{20}$ $+3317633334036 z^{18} + 650757363081 z^{16} + 90699757096 z^{14}$ $+8725533796 z^{12} + 556146920 z^{10} + 22172283 z^8 + 513996 z^6$ $+6874 z^4 + 28 z^2 + 1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 49]\}$	$x^7 + x^6 + x^3 + x^2 + x + 1$	$z^{56} + 84 z^{54} + 6874 z^{52} + 509796 z^{50} + 22109563 z^{48} + 556648120 z^{46}$ $+8724971108 z^{44} + 90695771768 z^{42} + 650770482313 z^{40}$ $+3317629632828 z^{38} + 12275179437766 z^{36}$ $+33477894560908 z^{34} + 68047380254203 z^{32}$ $+103850644122960 z^{30} + 119510956404728 z^{28}$ $+103850644122960 z^{26} + 68047380254203 z^{24}$ $+33477894560908 z^{22} + 12275179437766 z^{20}$ $+3317629632828 z^{18} + 650770482313 z^{16} + 90695771768 z^{14}$ $+8724971108 z^{12} + 556648120 z^{10} + 22109563 z^8 + 509796 z^6$ $+6874 z^4 + 84 z^2 + 1$	$\{[28, \sqrt{14}]\}$
		$z^{60} + 7995 z^{56} + 778960 z^{54} + 39999285 z^{52} + 1177929792 z^{50}$ $+21865382175 z^{48} + 271028368800 z^{46} + 2337634414125 z^{44}$	

$\{[60, 2, 53]\}$	$x^7 + x^2 + x + 1$	$+14453578708800 z^{42} + 65497587028335 z^{40}$ $+221160598167600 z^{38} + 563318599286625 z^{36}$ $+1091971290775680 z^{34} + 1620624221784435 z^{32}$ $+1847884009475776 z^{30} + 1620624221784435 z^{28}$ $+1091971290775680 z^{26} + 563318599286625 z^{24}$ $+221160598167600 z^{22} + 65497587028335 z^{20}$ $+14453578708800 z^{18} + 2337634414125 z^{16} + 271028368800 z^{14}$ $+21865382175 z^{12} + 1177929792 z^{10} + 39999285 z^8 + 778960 z^6$ $+7995 z^4 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 53]\}$	$x^7 + x^3 + x + 1$	$z^{60} + 90 z^{58} + 7635 z^{56} + 777940 z^{54} + 39991725 z^{52} + 1178105598 z^{50}$ $+21864421935 z^{48} + 271030701960 z^{46} + 2337633513405 z^{44}$ $+14453567740650 z^{42} + 65497620381111 z^{40}$ $+221160561426540 z^{38} + 563318564687625 z^{36}$ $+1091971494759870 z^{34} + 1620623822246355 z^{32}$ $+1847884497216112 z^{30} + 1620623822246355 z^{28}$ $+1091971494759870 z^{26} + 563318564687625 z^{24}$ $+221160561426540 z^{22} + 65497620381111 z^{20}$ $+14453567740650 z^{18} + 2337633513405 z^{16} + 271030701960 z^{14}$ $+21864421935 z^{12} + 1178105598 z^{10} + 39991725 z^8 + 777940 z^6$ $+7635 z^4 + 90 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 53]\}$	$x^7 + x^5 + x^2 + 1$	$z^{60} + 60 z^{58} + 11835 z^{56} + 880200 z^{54} + 40828725 z^{52} + 1178453652 z^{50}$ $+21849839135 z^{48} + 271012981200 z^{46} + 2337787825965 z^{44}$ $+14453586921180 z^{42} + 65496835071855 z^{40}$ $+221161134383160 z^{38} + 563320329251425 z^{36}$ $+1091968798143060 z^{34} + 1620623105074035 z^{32}$ $+1847887935410016 z^{30} + 1620623105074035 z^{28}$ $+1091968798143060 z^{26} + 563320329251425 z^{24}$ $+221161134383160 z^{22} + 65496835071855 z^{20}$ $+14453586921180 z^{18} + 2337787825965 z^{16} + 271012981200 z^{14}$ $+21849839135 z^{12} + 1178453652 z^{10} + 40828725 z^8 + 880200 z^6$ $+11835 z^4 + 60 z^2 + 1$	$\{[30, \sqrt{15}]\}$

$\{[60, 2, 53]\}$	$x^7 + x^5 + x^4 + x^3 + x^2 + 1$	$z^{60} + 120 z^{58} + 8535 z^{56} + 766600 z^{54} + 40025025 z^{52} + 1178229000 z^{50}$ $+ 21863221575 z^{48} + 271034374800 z^{46} + 2337630094485 z^{44}$ $+ 14453554960920 z^{42} + 65497678632003 z^{40}$ $+ 221160441698040 z^{38} + 563318711340645 z^{36}$ $+ 1091971398102120 z^{34} + 1620623823254115 z^{32}$ $+ 1847884545325024 z^{30} + 1620623823254115 z^{28}$ $+ 1091971398102120 z^{26} + 563318711340645 z^{24}$ $+ 221160441698040 z^{22} + 65497678632003 z^{20}$ $+ 14453554960920 z^{18} + 2337630094485 z^{16} + 271034374800 z^{14}$ $+ 21863221575 z^{12} + 1178229000 z^{10} + 40025025 z^8 + 766600 z^6$ $+ 8535 z^4 + 120 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 53]\}$	$x^7 + x^6 + x^5 + 1$	$z^{60} + 7995 z^{56} + 778960 z^{54} + 39999285 z^{52} + 1177929792 z^{50}$ $+ 21865382175 z^{48} + 271028368800 z^{46} + 2337634414125 z^{44}$ $+ 14453578708800 z^{42} + 65497587028335 z^{40}$ $+ 221160598167600 z^{38} + 563318599286625 z^{36}$ $+ 1091971290775680 z^{34} + 1620624221784435 z^{32}$ $+ 1847884009475776 z^{30} + 1620624221784435 z^{28}$ $+ 1091971290775680 z^{26} + 563318599286625 z^{24}$ $+ 221160598167600 z^{22} + 65497587028335 z^{20}$ $+ 14453578708800 z^{18} + 2337634414125 z^{16} + 271028368800 z^{14}$ $+ 21865382175 z^{12} + 1177929792 z^{10} + 39999285 z^8 + 778960 z^6$ $+ 7995 z^4 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 53]\}$	$x^7 + x^6 + x^5 + x^2 + x + 1$	$z^{60} + 90 z^{58} + 11475 z^{56} + 882900 z^{54} + 40809645 z^{52} + 1178566398 z^{50}$ $+ 21849351215 z^{48} + 271014527880 z^{46} + 2337783941565 z^{44}$ $+ 14453595849450 z^{42} + 65496813746871 z^{40}$ $+ 221161185511020 z^{38} + 563320220379145 z^{36}$ $+ 1091968988929470 z^{34} + 1620622837009875 z^{32}$ $+ 1847888235706992 z^{30} + 1620622837009875 z^{28}$ $+ 1091968988929470 z^{26} + 563320220379145 z^{24}$ $+ 221161185511020 z^{22} + 65496813746871 z^{20}$ $+ 14453595849450 z^{18} + 2337783941565 z^{16} + 271014527880 z^{14}$	$\{[30, \sqrt{15}]\}$

		$+21849351215 z^{12} + 1178566398 z^{10} + 40809645 z^8 + 882900 z^6$ $+ 11475 z^4 + 90 z^2 + 1$	
$\{[60, 2, 53]\}$	$x^7 + x^6 + x^4 + 1$	$z^{60} + 90 z^{58} + 7635 z^{56} + 777940 z^{54} + 39991725 z^{52} + 1178105598 z^{50}$ $+ 21864421935 z^{48} + 271030701960 z^{46} + 2337633513405 z^{44}$ $+ 14453567740650 z^{42} + 65497620381111 z^{40}$ $+ 221160561426540 z^{38} + 563318564687625 z^{36}$ $+ 1091971494759870 z^{34} + 1620623822246355 z^{32}$ $+ 1847884497216112 z^{30} + 1620623822246355 z^{28}$ $+ 1091971494759870 z^{26} + 563318564687625 z^{24}$ $+ 221160561426540 z^{22} + 65497620381111 z^{20}$ $+ 14453567740650 z^{18} + 2337633513405 z^{16} + 271030701960 z^{14}$ $+ 21864421935 z^{12} + 1178105598 z^{10} + 39991725 z^8 + 777940 z^6$ $+ 7635 z^4 + 90 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 53]\}$	$x^7 + x^6 + x + 1$	$z^{60} + 120 z^{58} + 16035 z^{56} + 1051600 z^{54} + 43998525 z^{52} + 1200585000 z^{50}$ $+ 21876735375 z^{48} + 270752724000 z^{46} + 2337227984925 z^{44}$ $+ 14455271004600 z^{42} + 65499772335015 z^{40}$ $+ 221153899345200 z^{38} + 563314182423225 z^{36}$ $+ 1091986941177000 z^{34} + 1620626844409875 z^{32}$ $+ 1847863227160000 z^{30} + 1620626844409875 z^{28}$ $+ 1091986941177000 z^{26} + 563314182423225 z^{24}$ $+ 221153899345200 z^{22} + 65499772335015 z^{20}$ $+ 14455271004600 z^{18} + 2337227984925 z^{16} + 270752724000 z^{14}$ $+ 21876735375 z^{12} + 1200585000 z^{10} + 43998525 z^8 + 1051600 z^6$ $+ 16035 z^4 + 120 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[62, 2, 55]\}$	$x^7 + x^3 + x^2 + 1$	$31 z^{60} + 8680 z^{58} + 961031 z^{56} + 52825240 z^{54} + 1680012543 z^{52}$ $+ 33752242992 z^{50} + 454359746775 z^{48} + 4270973730960 z^{46}$ $+ 28891901281275 z^{44} + 143851211500920 z^{42}$ $+ 536172782084835 z^{40} + 1515270764771400 z^{38}$ $+ 3277647429743211 z^{36} + 5462745451056160 z^{34}$ $+ 7045058227074691 z^{32} + 7045057926534496 z^{30}$ $+ 5462745716238685 z^{28} + 3277647223490136 z^{26}$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$

		$+1515270905891925 z^{24} + 536172697412520 z^{22}$ $+143851255853085 z^{20} + 28891881121200 z^{18}$ $+4270981619685 z^{16} + 454357117200 z^{14} + 33752979273 z^{12}$ $+1679842632 z^{10} + 52856705 z^8 + 956536 z^6 + 9145 z^4 + 1$	
$\{[62, 2, 55]\}$	$x^7 + x^4 + x + 1$	$31 z^{60} + 8680 z^{58} + 961031 z^{56} + 52825240 z^{54} + 1680012543 z^{52}$ $+ 33752242992 z^{50} + 454359746775 z^{48} + 4270973730960 z^{46}$ $+ 28891901281275 z^{44} + 143851211500920 z^{42}$ $+ 536172782084835 z^{40} + 1515270764771400 z^{38}$ $+ 3277647429743211 z^{36} + 5462745451056160 z^{34}$ $+ 7045058227074691 z^{32} + 7045057926534496 z^{30}$ $+ 5462745716238685 z^{28} + 3277647223490136 z^{26}$ $+ 1515270905891925 z^{24} + 536172697412520 z^{22}$ $+ 143851255853085 z^{20} + 28891881121200 z^{18}$ $+ 4270981619685 z^{16} + 454357117200 z^{14} + 33752979273 z^{12}$ $+ 1679842632 z^{10} + 52856705 z^8 + 956536 z^6 + 9145 z^4 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 55]\}$	$x^7 + x^5 + x^4 + 1$	$31 z^{60} + 8680 z^{58} + 961031 z^{56} + 52825240 z^{54} + 1680012543 z^{52}$ $+ 33752242992 z^{50} + 454359746775 z^{48} + 4270973730960 z^{46}$ $+ 28891901281275 z^{44} + 143851211500920 z^{42}$ $+ 536172782084835 z^{40} + 1515270764771400 z^{38}$ $+ 3277647429743211 z^{36} + 5462745451056160 z^{34}$ $+ 7045058227074691 z^{32} + 7045057926534496 z^{30}$ $+ 5462745716238685 z^{28} + 3277647223490136 z^{26}$ $+ 1515270905891925 z^{24} + 536172697412520 z^{22}$ $+ 143851255853085 z^{20} + 28891881121200 z^{18}$ $+ 4270981619685 z^{16} + 454357117200 z^{14} + 33752979273 z^{12}$ $+ 1679842632 z^{10} + 52856705 z^8 + 956536 z^6 + 9145 z^4 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
		$31 z^{60} + 8680 z^{58} + 961031 z^{56} + 52825240 z^{54} + 1680012543 z^{52}$ $+ 33752242992 z^{50} + 454359746775 z^{48} + 4270973730960 z^{46}$ $+ 28891901281275 z^{44} + 143851211500920 z^{42}$ $+ 536172782084835 z^{40} + 1515270764771400 z^{38}$ $+ 3277647429743211 z^{36} + 5462745451056160 z^{34}$	

$\{[62, 2, 55]\}$	$x^7 + x^6 + x^5 + x^3 + x + 1$	$+7045058227074691 z^{32} + 7045057926534496 z^{30}$ $+5462745716238685 z^{28} + 3277647223490136 z^{26}$ $+1515270905891925 z^{24} + 536172697412520 z^{22}$ $+143851255853085 z^{20} + 28891881121200 z^{18}$ $+4270981619685 z^{16} + 454357117200 z^{14} + 33752979273 z^{12}$ $+1679842632 z^{10} + 52856705 z^8 + 956536 z^6 + 9145 z^4 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 55]\}$	$x^7 + x^6 + x^4 + x^2 + x + 1$	$31 z^{60} + 8680 z^{58} + 961031 z^{56} + 52825240 z^{54} + 1680012543 z^{52}$ $+33752242992 z^{50} + 454359746775 z^{48} + 4270973730960 z^{46}$ $+28891901281275 z^{44} + 143851211500920 z^{42}$ $+536172782084835 z^{40} + 1515270764771400 z^{38}$ $+3277647429743211 z^{36} + 5462745451056160 z^{34}$ $+7045058227074691 z^{32} + 7045057926534496 z^{30}$ $+5462745716238685 z^{28} + 3277647223490136 z^{26}$ $+1515270905891925 z^{24} + 536172697412520 z^{22}$ $+143851255853085 z^{20} + 28891881121200 z^{18}$ $+4270981619685 z^{16} + 454357117200 z^{14} + 33752979273 z^{12}$ $+1679842632 z^{10} + 52856705 z^8 + 956536 z^6 + 9145 z^4 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 55]\}$	$x^7 + x^6 + x^3 + 1$	$31 z^{60} + 8680 z^{58} + 961031 z^{56} + 52825240 z^{54} + 1680012543 z^{52}$ $+33752242992 z^{50} + 454359746775 z^{48} + 4270973730960 z^{46}$ $+28891901281275 z^{44} + 143851211500920 z^{42}$ $+536172782084835 z^{40} + 1515270764771400 z^{38}$ $+3277647429743211 z^{36} + 5462745451056160 z^{34}$ $+7045058227074691 z^{32} + 7045057926534496 z^{30}$ $+5462745716238685 z^{28} + 3277647223490136 z^{26}$ $+1515270905891925 z^{24} + 536172697412520 z^{22}$ $+143851255853085 z^{20} + 28891881121200 z^{18}$ $+4270981619685 z^{16} + 454357117200 z^{14} + 33752979273 z^{12}$ $+1679842632 z^{10} + 52856705 z^8 + 956536 z^6 + 9145 z^4 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
		$4782969 z^{56} + 312487308 z^{54} + 9218375586 z^{52} + 162488440044 z^{50}$ $+1909984014603 z^{48} + 15840861236424 z^{46}$	

$\{[63, 2, 56]\}$	$x^7 + 1$	$+95803272833940 z^{44} + 431491809334824 z^{42}$ $+1468609370904753 z^{40} + 3818650565630628 z^{38}$ $+7647943703168286 z^{36} + 11867056128569124 z^{34}$ $+14317240731186267 z^{32} + 13449967322243760 z^{30}$ $+9833050212619032 z^{28} + 5580654138316656 z^{26}$ $+2447686524697155 z^{24} + 823952479181076 z^{22}$ $+210783395785662 z^{20} + 40433821094772 z^{18}$ $+5718178660761 z^{16} + 584791685640 z^{14} + 42479731476 z^{12}$ $+2164701672 z^{10} + 76393107 z^8 + 1824060 z^6 + 28098 z^4 + 252 z^2$ $+1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 56]\}$	$x^7 + x^4 + x^2 + 1$	$651 z^{60} + 109368 z^{58} + 8649279 z^{56} + 369776680 z^{54} + 9621890019 z^{52}$ $+163568562192 z^{50} + 1908310936455 z^{48} + 15827726179440 z^{46}$ $+95799462143175 z^{44} + 431553634502760 z^{42}$ $+1468647185710635 z^{40} + 3818482327223928 z^{38}$ $+7647844002734159 z^{36} + 11867343566087520 z^{34}$ $+14317376396958243 z^{32} + 13449656041565856 z^{30}$ $+9832942289229633 z^{28} + 5580858785942664 z^{26}$ $+2447745309517725 z^{24} + 823875120414360 z^{22}$ $+210758816714985 z^{20} + 40448633569680 z^{18}$ $+5724932809365 z^{16} + 584173436400 z^{14} + 41694856749 z^{12}$ $+1996794072 z^{10} + 60544953 z^8 + 1057224 z^6 + 9765 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 56]\}$	$x^7 + x^4 + x^3 + x^2 + x + 1$	$756 z^{60} + 107919 z^{58} + 8654697 z^{56} + 369809902 z^{54} + 9621392382 z^{52}$ $+163571562693 z^{50} + 1908299283051 z^{48} + 15827758584876 z^{46}$ $+95799395502216 z^{44} + 431553734636871 z^{42}$ $+1468647085518081 z^{40} + 3818482363730034 z^{38}$ $+7647844084987610 z^{36} + 11867343370920261 z^{34}$ $+14317376625355419 z^{32} + 13449655883060712 z^{30}$ $+9832942323395604 z^{28} + 5580858853971765 z^{26}$ $+2447745204147411 z^{24} + 823875208620786 z^{22}$ $+210758764737906 z^{20} + 40448656559031 z^{18}$ $+5724924932601 z^{16} + 584175642156 z^{14} + 41694285360 z^{12}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+1996949493 z^{10} + 60504003 z^8 + 1065582 z^6 + 8694 z^4 + 63 z^2 + 1$	
$\{[63, 2, 56]\}$	$x^7 + x^5 + x^3 + 1$	$651 z^{60} + 109368 z^{58} + 8649279 z^{56} + 369776680 z^{54} + 9621890019 z^{52}$ $+ 163568562192 z^{50} + 1908310936455 z^{48} + 15827726179440 z^{46}$ $+ 95799462143175 z^{44} + 431553634502760 z^{42}$ $+ 1468647185710635 z^{40} + 3818482327223928 z^{38}$ $+ 7647844002734159 z^{36} + 11867343566087520 z^{34}$ $+ 14317376396958243 z^{32} + 13449656041565856 z^{30}$ $+ 9832942289229633 z^{28} + 5580858785942664 z^{26}$ $+ 2447745309517725 z^{24} + 823875120414360 z^{22}$ $+ 210758816714985 z^{20} + 40448633569680 z^{18}$ $+ 5724932809365 z^{16} + 584173436400 z^{14} + 41694856749 z^{12}$ $+ 1996794072 z^{10} + 60544953 z^8 + 1057224 z^6 + 9765 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 56]\}$	$x^7 + x^5 + x + 1$	$651 z^{60} + 109368 z^{58} + 8649279 z^{56} + 369776680 z^{54} + 9621890019 z^{52}$ $+ 163568562192 z^{50} + 1908310936455 z^{48} + 15827726179440 z^{46}$ $+ 95799462143175 z^{44} + 431553634502760 z^{42}$ $+ 1468647185710635 z^{40} + 3818482327223928 z^{38}$ $+ 7647844002734159 z^{36} + 11867343566087520 z^{34}$ $+ 14317376396958243 z^{32} + 13449656041565856 z^{30}$ $+ 9832942289229633 z^{28} + 5580858785942664 z^{26}$ $+ 2447745309517725 z^{24} + 823875120414360 z^{22}$ $+ 210758816714985 z^{20} + 40448633569680 z^{18}$ $+ 5724932809365 z^{16} + 584173436400 z^{14} + 41694856749 z^{12}$ $+ 1996794072 z^{10} + 60544953 z^8 + 1057224 z^6 + 9765 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 56]\}$	$x^7 + x^5 + x^4 + x^2 + x + 1$	$651 z^{60} + 109368 z^{58} + 8649279 z^{56} + 369776680 z^{54} + 9621890019 z^{52}$ $+ 163568562192 z^{50} + 1908310936455 z^{48} + 15827726179440 z^{46}$ $+ 95799462143175 z^{44} + 431553634502760 z^{42}$ $+ 1468647185710635 z^{40} + 3818482327223928 z^{38}$ $+ 7647844002734159 z^{36} + 11867343566087520 z^{34}$ $+ 14317376396958243 z^{32} + 13449656041565856 z^{30}$ $+ 9832942289229633 z^{28} + 5580858785942664 z^{26}$ $+ 2447745309517725 z^{24} + 823875120414360 z^{22}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+210758816714985 z^{20} + 40448633569680 z^{18}$ $+5724932809365 z^{16} + 584173436400 z^{14} + 41694856749 z^{12}$ $+1996794072 z^{10} + 60544953 z^8 + 1057224 z^6 + 9765 z^4 + 1$	
$\{[63, 2, 56]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + 1$	$756 z^{60} + 107919 z^{58} + 8654697 z^{56} + 369809902 z^{54} + 9621392382 z^{52}$ $+163571562693 z^{50} + 1908299283051 z^{48} + 15827758584876 z^{46}$ $+95799395502216 z^{44} + 431553734636871 z^{42}$ $+1468647085518081 z^{40} + 3818482363730034 z^{38}$ $+7647844084987610 z^{36} + 11867343370920261 z^{34}$ $+14317376625355419 z^{32} + 13449655883060712 z^{30}$ $+9832942323395604 z^{28} + 5580858853971765 z^{26}$ $+2447745204147411 z^{24} + 823875208620786 z^{22}$ $+210758764737906 z^{20} + 40448656559031 z^{18}$ $+5724924932601 z^{16} + 584175642156 z^{14} + 41694285360 z^{12}$ $+1996949493 z^{10} + 60504003 z^8 + 1065582 z^6 + 8694 z^4 + 63 z^2 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 56]\}$	$x^7 + x^6 + x^5 + x^3 + x^2 + 1$	$651 z^{60} + 109368 z^{58} + 8649279 z^{56} + 369776680 z^{54} + 9621890019 z^{52}$ $+163568562192 z^{50} + 1908310936455 z^{48} + 15827726179440 z^{46}$ $+95799462143175 z^{44} + 431553634502760 z^{42}$ $+1468647185710635 z^{40} + 3818482327223928 z^{38}$ $+7647844002734159 z^{36} + 11867343566087520 z^{34}$ $+14317376396958243 z^{32} + 13449656041565856 z^{30}$ $+9832942289229633 z^{28} + 5580858785942664 z^{26}$ $+2447745309517725 z^{24} + 823875120414360 z^{22}$ $+210758816714985 z^{20} + 40448633569680 z^{18}$ $+5724932809365 z^{16} + 584173436400 z^{14} + 41694856749 z^{12}$ $+1996794072 z^{10} + 60544953 z^8 + 1057224 z^6 + 9765 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
		$1029 z^{60} + 145089 z^{58} + 9054171 z^{56} + 370134142 z^{54} + 9612110529 z^{52}$ $+163560337479 z^{50} + 1908429786207 z^{48} + 15827722330140 z^{46}$ $+95798594075121 z^{44} + 431554784792337 z^{42}$ $+1468649143240335 z^{40} + 3818476448872722 z^{38}$ $+7647846397230221 z^{36} + 11867351018513823 z^{34}$ $+14317366580331507 z^{32} + 13449656387089608 z^{30}$	

$\{[63, 2, 56]\}$	$x^7 + x^6 + x^4 + x^3 + x + 1$	$+9832949395809183 z^{28} + 5580854965314027 z^{26}$ $+2447743326924609 z^{24} + 823877562182850 z^{22}$ $+210758576241843 z^{20} + 40448112965085 z^{18}$ $+5725085802093 z^{16} + 584224295004 z^{14} + 41672850219 z^{12}$ $+1995025347 z^{10} + 61272981 z^8 + 1183854 z^6 + 16191 z^4 + 189 z^2$ $+1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 56]\}$	$x^7 + x^6 + x^2 + 1$	$651 z^{60} + 109368 z^{58} + 8649279 z^{56} + 369776680 z^{54} + 9621890019 z^{52}$ $+163568562192 z^{50} + 1908310936455 z^{48} + 15827726179440 z^{46}$ $+95799462143175 z^{44} + 431553634502760 z^{42}$ $+1468647185710635 z^{40} + 3818482327223928 z^{38}$ $+7647844002734159 z^{36} + 11867343566087520 z^{34}$ $+14317376396958243 z^{32} + 13449656041565856 z^{30}$ $+9832942289229633 z^{28} + 5580858785942664 z^{26}$ $+2447745309517725 z^{24} + 823875120414360 z^{22}$ $+210758816714985 z^{20} + 40448633569680 z^{18}$ $+5724932809365 z^{16} + 584173436400 z^{14} + 41694856749 z^{12}$ $+1996794072 z^{10} + 60544953 z^8 + 1057224 z^6 + 9765 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[64, 2, 57]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{64} + 224 z^{62} + 22512 z^{60} + 1339296 z^{58} + 69204088 z^{56} + 2360412768 z^{54}$ $+51321431504 z^{52} + 747833652000 z^{50} + 7633017665308 z^{48}$ $+56276066885472 z^{46} + 306560124397296 z^{44}$ $+1255426933916960 z^{42} + 3916388994295624 z^{40}$ $+9399351263647968 z^{38} + 17480779668872016 z^{36}$ $+25316991485367456 z^{34} + 28634769793634886 z^{32}$ $+25316991485367456 z^{30} + 17480779668872016 z^{28}$ $+9399351263647968 z^{26} + 3916388994295624 z^{24}$ $+1255426933916960 z^{22} + 306560124397296 z^{20}$ $+56276066885472 z^{18} + 7633017665308 z^{16} + 747833652000 z^{14}$ $+51321431504 z^{12} + 2360412768 z^{10} + 69204088 z^8 + 1339296 z^6$ $+22512 z^4 + 224 z^2 + 1$	$\{[32, 4]\}$
		$z^{70} + 315 z^{68} + 43995 z^{66} + 3587745 z^{64} + 189496440 z^{62}$	

$\{[70, 2, 63]\}$	$x^7 + 1$	$ \begin{aligned} &+6809126632 z^{60} + 170729513640 z^{58} + 3033231057720 z^{56} \\ &+ 38738627420220 z^{54} + 362273634373140 z^{52} \\ &+ 2529296925789396 z^{50} + 13414548952079100 z^{48} \\ &+ 54822488338081800 z^{46} + 174582443280331800 z^{44} \\ &+ 436920560003856600 z^{42} + 864813467874313160 z^{40} \\ &+ 1359987315904592550 z^{38} + 1704211673923723650 z^{36} \\ &+ 1704211673923723650 z^{34} + 1359987315904592550 z^{32} \\ &+ 864813467874313160 z^{30} + 436920560003856600 z^{28} \\ &+ 174582443280331800 z^{26} + 54822488338081800 z^{24} \\ &+ 13414548952079100 z^{22} + 2529296925789396 z^{20} \\ &+ 362273634373140 z^{18} + 38738627420220 z^{16} \\ &+ 3033231057720 z^{14} + 170729513640 z^{12} + 6809126632 z^{10} \\ &+ 189496440 z^8 + 3587745 z^6 + 43995 z^4 + 315 z^2 + 1 \end{aligned} $	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$
$\{[70, 2, 63]\}$	$x^7 + x^4 + x^3 + x + 1$	$ \begin{aligned} &z^{70} + 35 z^{68} + 11235 z^{66} + 67200 z^{65} + 1169665 z^{64} + 8740480 z^{63} \\ &+ 75891480 z^{62} + 502517120 z^{61} + 3109201032 z^{60} \\ &+ 16897583360 z^{59} + 83093255560 z^{58} + 370936397440 z^{57} \\ &+ 1509559921560 z^{56} + 5636806354816 z^{55} + 19375905610460 z^{54} \\ &+ 61545080257920 z^{53} + 181222129702740 z^{52} \\ &+ 495968377981440 z^{51} + 1264720862746068 z^{50} \\ &+ 3011255430019200 z^{49} + 6706855240148700 z^{48} \\ &+ 13996941557289600 z^{47} + 27410693543087400 z^{46} \\ &+ 50435600676150144 z^{45} + 87292476404232120 z^{44} \\ &+ 142254391883851520 z^{43} + 218461986689519800 z^{42} \\ &+ 316393400817907840 z^{41} + 432404223330310056 z^{40} \\ &+ 557940831164868480 z^{39} + 679990633066254790 z^{38} \\ &+ 783019322573595520 z^{37} + 852109226202631250 z^{36} \\ &+ 876455453000223744 z^{35} + 852109226202631250 z^{34} \\ &+ 783019322573595520 z^{33} + 679990633066254790 z^{32} \\ &+ 557940831164868480 z^{31} + 432404223330310056 z^{30} \\ &+ 316393400817907840 z^{29} + 218461986689519800 z^{28} \\ &+ 142254391883851520 z^{27} + 87292476404232120 z^{26} \end{aligned} $	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$

		$ \begin{aligned} &+50435600676150144 z^{25}+27410693543087400 z^{24} \\ &+13996941557289600 z^{23}+6706855240148700 z^{22} \\ &+3011255430019200 z^{21}+1264720862746068 z^{20} \\ &+495968377981440 z^{19}+181222129702740 z^{18} \\ &+61545080257920 z^{17}+19375905610460 z^{16} \\ &+5636806354816 z^{15}+1509559921560 z^{14}+370936397440 z^{13} \\ &+83093255560 z^{12}+16897583360 z^{11}+3109201032 z^{10} \\ &+502517120 z^9+75891480 z^8+8740480 z^7+1169665 z^6+67200 z^5 \\ &+11235 z^4+35 z^2+1 \end{aligned} $	
$\{[70, 2, 63]\}$	$x^7+x^6+x^5+x^4+x+1$	$ \begin{aligned} &z^{70}+140 z^{68}+17920 z^{66}+2083725 z^{64}+147165900 z^{62} \\ &+6198027500 z^{60}+166242274100 z^{58}+3019572816900 z^{56} \\ &+38751324613680 z^{54}+362439991736060 z^{52} \\ &+2529446571303764 z^{50}+13413732145213400 z^{48} \\ &+54821352472334700 z^{46}+174584895479144220 z^{44} \\ &+436924125121625540 z^{42}+864808452126969924 z^{40} \\ &+1359980990109038570 z^{38}+1704218640923021860 z^{36} \\ &+1704218640923021860 z^{34}+1359980990109038570 z^{32} \\ &+864808452126969924 z^{30}+436924125121625540 z^{28} \\ &+174584895479144220 z^{26}+54821352472334700 z^{24} \\ &+13413732145213400 z^{22}+2529446571303764 z^{20} \\ &+362439991736060 z^{18}+38751324613680 z^{16} \\ &+3019572816900 z^{14}+166242274100 z^{12}+6198027500 z^{10} \\ &+147165900 z^8+2083725 z^6+17920 z^4+140 z^2+1 \end{aligned} $	$\left\{\left[35, \frac{\sqrt{70}}{2}\right]\right\}$
		$ \begin{aligned} &z^{70}+35 z^{68}+11235 z^{66}+67200 z^{65}+1169665 z^{64}+8740480 z^{63} \\ &+75891480 z^{62}+502517120 z^{61}+3109201032 z^{60} \\ &+16897583360 z^{59}+83093255560 z^{58}+370936397440 z^{57} \\ &+1509559921560 z^{56}+5636806354816 z^{55}+19375905610460 z^{54} \\ &+61545080257920 z^{53}+181222129702740 z^{52} \\ &+495968377981440 z^{51}+1264720862746068 z^{50} \\ &+3011255430019200 z^{49}+6706855240148700 z^{48} \\ &+13996941557289600 z^{47}+27410693543087400 z^{46} \end{aligned} $	

{ [70, 2, 63] }	$x^7 + x^6 + x^4 + x^3 + 1$	$ \begin{aligned} &+50435600676150144 z^{45} + 87292476404232120 z^{44} \\ &+142254391883851520 z^{43} + 218461986689519800 z^{42} \\ &+316393400817907840 z^{41} + 432404223330310056 z^{40} \\ &+557940831164868480 z^{39} + 679990633066254790 z^{38} \\ &+783019322573595520 z^{37} + 852109226202631250 z^{36} \\ &+876455453000223744 z^{35} + 852109226202631250 z^{34} \\ &+783019322573595520 z^{33} + 679990633066254790 z^{32} \\ &+557940831164868480 z^{31} + 432404223330310056 z^{30} \\ &+316393400817907840 z^{29} + 218461986689519800 z^{28} \\ &+142254391883851520 z^{27} + 87292476404232120 z^{26} \\ &+50435600676150144 z^{25} + 27410693543087400 z^{24} \\ &+13996941557289600 z^{23} + 6706855240148700 z^{22} \\ &+3011255430019200 z^{21} + 1264720862746068 z^{20} \\ &+495968377981440 z^{19} + 181222129702740 z^{18} \\ &+61545080257920 z^{17} + 19375905610460 z^{16} \\ &+5636806354816 z^{15} + 1509559921560 z^{14} + 370936397440 z^{13} \\ &+83093255560 z^{12} + 16897583360 z^{11} + 3109201032 z^{10} \\ &+502517120 z^9 + 75891480 z^8 + 8740480 z^7 + 1169665 z^6 + 67200 z^5 \\ &+11235 z^4 + 35 z^2 + 1 \end{aligned} $	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$
{ [70, 2, 63] }	$x^7 + x^6 + x^3 + x^2 + x + 1$	$ \begin{aligned} &z^{70} + 140 z^{68} + 17920 z^{66} + 2083725 z^{64} + 147165900 z^{62} \\ &+6198027500 z^{60} + 166242274100 z^{58} + 3019572816900 z^{56} \\ &+38751324613680 z^{54} + 362439991736060 z^{52} \\ &+2529446571303764 z^{50} + 13413732145213400 z^{48} \\ &+54821352472334700 z^{46} + 174584895479144220 z^{44} \\ &+436924125121625540 z^{42} + 864808452126969924 z^{40} \\ &+1359980990109038570 z^{38} + 1704218640923021860 z^{36} \\ &+1704218640923021860 z^{34} + 1359980990109038570 z^{32} \\ &+864808452126969924 z^{30} + 436924125121625540 z^{28} \\ &+174584895479144220 z^{26} + 54821352472334700 z^{24} \\ &+13413732145213400 z^{22} + 2529446571303764 z^{20} \\ &+362439991736060 z^{18} + 38751324613680 z^{16} \end{aligned} $	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$

		$+3019572816900 z^{14} + 166242274100 z^{12} + 6198027500 z^{10}$ $+147165900 z^8 + 2083725 z^6 + 17920 z^4 + 140 z^2 + 1$	
$\{[72, 2, 65]\}$	$x^7 + x^4 + x^3 + 1$	$z^{72} + 72 z^{70} + 19494 z^{68} + 2497608 z^{66} + 187272729 z^{64} + 8375779008 z^{62}$ $+ 240045525264 z^{60} + 4669180850880 z^{58} + 64317305986164 z^{56}$ $+ 647375640127968 z^{54} + 4875767979184296 z^{52}$ $+ 27988167231652320 z^{50} + 124222830489339396 z^{48}$ $+ 431148812622283584 z^{46} + 1180526506217408880 z^{44}$ $+ 2567305846201927488 z^{42} + 4456553190382161774 z^{40}$ $+ 6196277149009722288 z^{38} + 6914258385675624804 z^{36}$ $+ 6196277149009722288 z^{34} + 4456553190382161774 z^{32}$ $+ 2567305846201927488 z^{30} + 1180526506217408880 z^{28}$ $+ 431148812622283584 z^{26} + 124222830489339396 z^{24}$ $+ 27988167231652320 z^{22} + 4875767979184296 z^{20}$ $+ 647375640127968 z^{18} + 64317305986164 z^{16}$ $+ 4669180850880 z^{14} + 240045525264 z^{12} + 8375779008 z^{10}$ $+ 187272729 z^8 + 2497608 z^6 + 19494 z^4 + 72 z^2 + 1$	$\{[36, 3 \sqrt{2}]\}$
$\{[72, 2, 65]\}$	$x^7 + x^5 + x^4 + x^3 + x^2 + 1$	$z^{72} + 180 z^{70} + 18918 z^{68} + 2410356 z^{66} + 186970905 z^{64}$ $+ 8379901728 z^{62} + 240044440848 z^{60} + 4669130022048 z^{58}$ $+ 64317374882676 z^{56} + 647375922738160 z^{54}$ $+ 4875767473882536 z^{52} + 27988165534857840 z^{50}$ $+ 124222835552178948 z^{48} + 431148815147267424 z^{46}$ $+ 1180526476634998128 z^{44} + 2567305896052059360 z^{42}$ $+ 4456553172925765230 z^{40} + 6196277089505649528 z^{38}$ $+ 6914258487683013604 z^{36} + 6196277089505649528 z^{34}$ $+ 4456553172925765230 z^{32} + 2567305896052059360 z^{30}$ $+ 1180526476634998128 z^{28} + 431148815147267424 z^{26}$ $+ 124222835552178948 z^{24} + 27988165534857840 z^{22}$ $+ 4875767473882536 z^{20} + 647375922738160 z^{18}$ $+ 64317374882676 z^{16} + 4669130022048 z^{14} + 240044440848 z^{12}$ $+ 8379901728 z^{10} + 186970905 z^8 + 2410356 z^6 + 18918 z^4 + 180 z^2$ $+ 1$	$\{[36, 3 \sqrt{2}]\}$

$\{[72, 2, 65]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} & z^{72} + 288 z^{70} + 37296 z^{68} + 2867424 z^{66} + 188667513 z^{64} \\ & + 8361202752 z^{62} + 240004965312 z^{60} + 4669532964288 z^{58} \\ & + 64317302733204 z^{56} + 647371910840256 z^{54} \\ & + 4875774873052608 z^{52} + 27988177948900416 z^{50} \\ & + 124222777911987300 z^{48} + 431148859946199360 z^{46} \\ & + 1180526590101515328 z^{44} + 2567305613446241472 z^{42} \\ & + 4456553335176127374 z^{40} + 6196277333558075904 z^{38} \\ & + 6914258006886347040 z^{36} + 6196277333558075904 z^{34} \\ & + 4456553335176127374 z^{32} + 2567305613446241472 z^{30} \\ & + 1180526590101515328 z^{28} + 431148859946199360 z^{26} \\ & + 124222777911987300 z^{24} + 27988177948900416 z^{22} \\ & + 4875774873052608 z^{20} + 647371910840256 z^{18} \\ & + 64317302733204 z^{16} + 4669532964288 z^{14} + 240004965312 z^{12} \\ & + 8361202752 z^{10} + 188667513 z^8 + 2867424 z^6 + 37296 z^4 + 288 z^2 \\ & + 1 \end{aligned} $	$\{[36, 3 \sqrt{2}]\}$
$\{[72, 2, 65]\}$	$x^7 + x^6 + x^4 + x^3 + x + 1$	$ \begin{aligned} & z^{72} + 252 z^{70} + 28854 z^{68} + 2771772 z^{66} + 190599705 z^{64} \\ & + 8383650912 z^{62} + 239941879440 z^{60} + 4669004155104 z^{58} \\ & + 64318897193076 z^{56} + 647376183856720 z^{54} \\ & + 4875754236519528 z^{52} + 27988180782306768 z^{50} \\ & + 124222879759516164 z^{48} + 431148704059764000 z^{46} \\ & + 1180526475306895344 z^{44} + 2567306156345192352 z^{42} \\ & + 4456552918971247470 z^{40} + 6196276924913208744 z^{38} \\ & + 6914258933461530820 z^{36} + 6196276924913208744 z^{34} \\ & + 4456552918971247470 z^{32} + 2567306156345192352 z^{30} \\ & + 1180526475306895344 z^{28} + 431148704059764000 z^{26} \\ & + 124222879759516164 z^{24} + 27988180782306768 z^{22} \\ & + 4875754236519528 z^{20} + 647376183856720 z^{18} \\ & + 64318897193076 z^{16} + 4669004155104 z^{14} + 239941879440 z^{12} \\ & + 8383650912 z^{10} + 190599705 z^8 + 2771772 z^6 + 28854 z^4 + 252 z^2 \\ & + 1 \end{aligned} $	$\{[36, 3 \sqrt{2}]\}$
		$z^{72} + 180 z^{70} + 34470 z^{68} + 3364212 z^{66} + 209780505 z^{64}$	

$\{[72, 2, 65]\}$	$x^7 + x^6 + x + 1$	$+8639373600 z^{62} + 241313482512 z^{60} + 4669209182880 z^{58}$ $+64298893494132 z^{56} + 647348767909360 z^{54}$ $+4875895606430376 z^{52} + 27988377610662000 z^{50}$ $+124222232389803780 z^{48} + 431148075807016800 z^{46}$ $+1180528449762069360 z^{44} + 2567307106503244512 z^{42}$ $+4456549073988639342 z^{40} + 6196276433134153080 z^{38}$ $+6914263723741821028 z^{36} + 6196276433134153080 z^{34}$ $+4456549073988639342 z^{32} + 2567307106503244512 z^{30}$ $+1180528449762069360 z^{28} + 431148075807016800 z^{26}$ $+124222232389803780 z^{24} + 27988377610662000 z^{22}$ $+4875895606430376 z^{20} + 647348767909360 z^{18}$ $+64298893494132 z^{16} + 4669209182880 z^{14} + 241313482512 z^{12}$ $+8639373600 z^{10} + 209780505 z^8 + 3364212 z^6 + 34470 z^4 + 180 z^2$ $+1$	$\{[36, 3\sqrt{2}]\}$
$\{[75, 2, 68]\}$	$x^7 + x^3 + x + 1$	$625 z^{72} + 266250 z^{70} + 31104750 z^{68} + 1961957750 z^{66}$ $+76534572825 z^{64} + 1978143560400 z^{62} + 35625141116880 z^{60}$ $+463651578159600 z^{58} + 4481964381813300 z^{56}$ $+32867737035067000 z^{54} + 185904085878405000 z^{52}$ $+821696047049887560 z^{50} + 2867742617821098500 z^{48}$ $+7967521386478518000 z^{46} + 17734160450553102000 z^{44}$ $+31773704193889314000 z^{42} + 45978419006531671950 z^{40}$ $+53848598768790793500 z^{38} + 51087132273620660500 z^{36}$ $+39249869826167374500 z^{34} + 24384470660422512750 z^{32}$ $+12216866119284887600 z^{30} + 4916130185536206000 z^{28}$ $+1580184725653098000 z^{26} + 402792174236117700 z^{24}$ $+80675358274553400 z^{22} + 12549500305205640 z^{20}$ $+1493987770318600 z^{18} + 133594595229300 z^{16}$ $+8760282954000 z^{14} + 408183746000 z^{12} + 12952830000 z^{10}$ $+263567625 z^8 + 3134250 z^6 + 19950 z^4 + 150 z^2 + 1$	$\left\{ \left[\frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$
		$187500 z^{70} + 28828125 z^{68} + 1936593750 z^{66} + 76450640625 z^{64}$ $+1978540200000 z^{62} + 35627473325000 z^{60}$	

$\{[75, 2, 68]\}$	$x^7 + x^6 + x^5 + x^2 + x + 1$	$+463647103290000 z^{58} + 4481940798285000 z^{56}$ $+32867782827374000 z^{54} + 185904197733565500 z^{52}$ $+821695751691787560 z^{50} + 2867742422800895500 z^{48}$ $+7967522425631616000 z^{46} + 17734160143354579800 z^{44}$ $+31773702352096127600 z^{42} + 45978420788061459480 z^{40}$ $+53848600020609911400 z^{38} + 51087129633522877950 z^{36}$ $+39249870181377317700 z^{34} + 24384472301922432150 z^{32}$ $+12216865267707882560 z^{30} + 4916129728798860600 z^{28}$ $+1580185167019906800 z^{26} + 402792210523625400 z^{24}$ $+80675246095666800 z^{22} + 12549508024098780 z^{20}$ $+1494003650412200 z^{18} + 133593131621100 z^{16}$ $+8758964208000 z^{14} + 408189257000 z^{12} + 13010250000 z^{10}$ $+272097000 z^8 + 3615500 z^6 + 29325 z^4 + 150 z^2 + 1$	$\left\{ \left[\frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$
$\{[75, 2, 68]\}$	$x^7 + x^6 + x^4 + 1$	$625 z^{72} + 266250 z^{70} + 31104750 z^{68} + 1961957750 z^{66}$ $+76534572825 z^{64} + 1978143560400 z^{62} + 35625141116880 z^{60}$ $+463651578159600 z^{58} + 4481964381813300 z^{56}$ $+32867737035067000 z^{54} + 185904085878405000 z^{52}$ $+821696047049887560 z^{50} + 2867742617821098500 z^{48}$ $+7967521386478518000 z^{46} + 17734160450553102000 z^{44}$ $+31773704193889314000 z^{42} + 45978419006531671950 z^{40}$ $+53848598768790793500 z^{38} + 51087132273620660500 z^{36}$ $+39249869826167374500 z^{34} + 24384470660422512750 z^{32}$ $+12216866119284887600 z^{30} + 4916130185536206000 z^{28}$ $+1580184725653098000 z^{26} + 402792174236117700 z^{24}$ $+80675358274553400 z^{22} + 12549500305205640 z^{20}$ $+1493987770318600 z^{18} + 133594595229300 z^{16}$ $+8760282954000 z^{14} + 408183746000 z^{12} + 12952830000 z^{10}$ $+263567625 z^8 + 3134250 z^6 + 19950 z^4 + 150 z^2 + 1$	$\left\{ \left[\frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$
		$19487171 z^{70} + 2046152955 z^{68} + 97806111249 z^{66}$ $+2821644924945 z^{64} + 54955848885784 z^{62}$ $+766527786250072 z^{60} + 7935616582989480 z^{58}$	

$\{[77, 2, 70]\}$	$x^7 + 1$	$+62451747701867304 z^{56} + 380112927446549220 z^{54}$ $+1813161438443211780 z^{52} + 6849835695247329708 z^{50}$ $+20667608379162401580 z^{48} + 50135356060089813128 z^{46}$ $+98276620908440648520 z^{44} + 156251957708422405368 z^{42}$ $+202001545041433182584 z^{40} + 212632816349832069730 z^{38}$ $+182293591746837450418 z^{36} + 127181836302939506550 z^{34}$ $+72069816951065073910 z^{32} + 33067998848191862632 z^{30}$ $+12231730610656762920 z^{28} + 3626377222966057560 z^{26}$ $+855295676385510360 z^{24} + 158961222277138820 z^{22}$ $+23004121267658916 z^{20} + 2554121077722060 z^{18}$ $+213774374765644 z^{16} + 13228093081720 z^{14}$ $+593851411384 z^{12} + 19037921672 z^{10} + 428443400 z^8$ $+6588659 z^6 + 65835 z^4 + 385 z^2 + 1$	$\left\{ \left[\frac{77}{2}, \frac{\sqrt{77}}{2} \right] \right\}$
$\{[80, 2, 73]\}$	$x^7 + x^5 + x^2 + 1$	$z^{80} + 120 z^{78} + 38860 z^{76} + 5414600 z^{74} + 468930430 z^{72}$ $+25871735304 z^{70} + 941653031020 z^{68} + 23561944442680 z^{66}$ $+421212106216685 z^{64} + 5550256820183520 z^{62}$ $+55239422343433456 z^{60} + 423261953094042400 z^{58}$ $+2534972522589234280 z^{56} + 12011874134651829920 z^{54}$ $+45473516351469246640 z^{52} + 138615813842194256480 z^{50}$ $+342347545747409828370 z^{48} + 688356565852194683920 z^{46}$ $+1130871465226620357160 z^{44} + 1521770151533168110960 z^{42}$ $+1679800160570080393780 z^{40} + 1521770151533168110960 z^{38}$ $+1130871465226620357160 z^{36} + 688356565852194683920 z^{34}$ $+342347545747409828370 z^{32} + 138615813842194256480 z^{30}$ $+45473516351469246640 z^{28} + 12011874134651829920 z^{26}$ $+2534972522589234280 z^{24} + 423261953094042400 z^{22}$ $+55239422343433456 z^{20} + 5550256820183520 z^{18}$ $+421212106216685 z^{16} + 23561944442680 z^{14}$ $+941653031020 z^{12} + 25871735304 z^{10} + 468930430 z^8$ $+5414600 z^6 + 38860 z^4 + 120 z^2 + 1$	$\{[40, 2\sqrt{5}]\}$
		$z^{80} + 360 z^{78} + 58380 z^{76} + 5633880 z^{74} + 460250110 z^{72}$	

$\{[80, 2, 73]\}$	$x^7+x^6+x^5+x^4+x^3+x^2+x+1$	$+25699146008 z^{70}+941049871020 z^{68}+23565771509160 z^{66}$ $+421226822402285 z^{64}+5550201292463520 z^{62}$ $+55239305154988528 z^{60}+423262467748318560 z^{58}$ $+2534972729915941480 z^{56}+12011871676694208480 z^{54}$ $+45473517817926064560 z^{52}+138615819218238177056 z^{50}$ $+342347538762196332050 z^{48}+688356561113430039600 z^{46}$ $+1130871477020588604840 z^{44}+1521770152891065203280 z^{42}$ $+1679800147811172001076 z^{40}+1521770152891065203280 z^{38}$ $+1130871477020588604840 z^{36}+688356561113430039600 z^{34}$ $+342347538762196332050 z^{32}+138615819218238177056 z^{30}$ $+45473517817926064560 z^{28}+12011871676694208480 z^{26}$ $+2534972729915941480 z^{24}+423262467748318560 z^{22}$ $+55239305154988528 z^{20}+5550201292463520 z^{18}$ $+421226822402285 z^{16}+23565771509160 z^{14}$ $+941049871020 z^{12}+25699146008 z^{10}+460250110 z^8$ $+5633880 z^6+58380 z^4+360 z^2+1$	$\{[40, 2\sqrt{5}]\}$
$\{[81, 2, 74]\}$	$x^7+x^6+x^4+x^3+x+1$	$2187 z^{78}+533628 z^{76}+58059018 z^{74}+4110396597 z^{72}$ $+189462252879 z^{70}+5864336323470 z^{68}+127248757519860 z^{66}$ $+2007017624406969 z^{64}+23661481679609436 z^{62}$ $+213065741810441376 z^{60}+1490619505671810360 z^{58}$ $+8213313432744757476 z^{56}+36035614523204888700 z^{54}$ $+127012233035127762216 z^{52}+362189732097027222720 z^{50}$ $+840307597199775566820 z^{48}+1593053729903420228826 z^{46}$ $+2475691637522353434072 z^{44}+3160599558881262750108 z^{42}$ $+3318629519609216501094 z^{40}+2866590313229184522210 z^{38}$ $+2035568671170140904372 z^{36}+1186316601462553262184 z^{34}$ $+565921450616241237966 z^{32}+220154542271264225484 z^{30}$ $+69497257221081404928 z^{28}+17690211729538509816 z^{26}$ $+3602330726351116788 z^{24}+581088741744488652 z^{22}$ $+73350491761715688 z^{20}+7136027011573920 z^{18}$ $+524912585801364 z^{16}+28486748290419 z^{14}$	$\left\{\left[\frac{81}{2}, \frac{9}{2}\right]\right\}$

		$+1104793557516 z^{12} + 29414846250 z^{10} + 515040525 z^8$ $+ 5840775 z^6 + 47790 z^4 + 324 z^2 + 1$	
$\{[84, 2, 77]\}$	$x^7 + 1$	$z^{84} + 462 z^{82} + 94941 z^{80} + 11440968 z^{78} + 898229178 z^{76}$ $+ 48363681828 z^{74} + 1836958256602 z^{72} + 50135802883848 z^{70}$ $+ 1000007312255721 z^{68} + 14859197173429686 z^{66}$ $+ 167726470624935453 z^{64} + 1463949004895812512 z^{62}$ $+ 10030620190785356568 z^{60} + 54628151841738821808 z^{58}$ $+ 238887850046616721368 z^{56} + 845717056862063047200 z^{54}$ $+ 2439966673299941928450 z^{52} + 5767197547547349019260 z^{50}$ $+ 11213987288781493380122 z^{48}$ $+ 17993417808313217486832 z^{46}$ $+ 23875890701223018923388 z^{44}$ $+ 26232984882212115425880 z^{42}$ $+ 23875890701223018923388 z^{40}$ $+ 17993417808313217486832 z^{38}$ $+ 11213987288781493380122 z^{36} + 5767197547547349019260 z^{34}$ $+ 2439966673299941928450 z^{32} + 845717056862063047200 z^{30}$ $+ 238887850046616721368 z^{28} + 54628151841738821808 z^{26}$ $+ 10030620190785356568 z^{24} + 1463949004895812512 z^{22}$ $+ 167726470624935453 z^{20} + 14859197173429686 z^{18}$ $+ 1000007312255721 z^{16} + 50135802883848 z^{14}$ $+ 1836958256602 z^{12} + 48363681828 z^{10} + 898229178 z^8$ $+ 11440968 z^6 + 94941 z^4 + 462 z^2 + 1$	$\{[42, \sqrt{21}]\}$
		$z^{84} + 42 z^{82} + 672 z^{81} + 16653 z^{80} + 241248 z^{79} + 3165624 z^{78}$ $+ 35388192 z^{77} + 340499082 z^{76} + 2876126176 z^{75}$ $+ 21571509036 z^{74} + 145109762784 z^{73} + 882755326250 z^{72}$ $+ 4889121719328 z^{71} + 24794780175864 z^{70}$ $+ 115709048060256 z^{69} + 498995489295513 z^{68}$ $+ 1995981449404320 z^{67} + 7429486137309922 z^{66}$ $+ 25807689693523584 z^{65} + 83874990731737821 z^{64}$ $+ 255619021017126272 z^{63} + 731999930234102880 z^{62}$	

$\{[84, 2, 77]\}$	$x^7 + x^4 + x^2 + x + 1$	$+1973217187406645376 z^{61} + 5015260332409995864 z^{60}$ $+12036624847195304832 z^{59} + 27313879491669780240 z^{58}$ $+58674259558040825216 z^{57} + 119444028367808746008 z^{56}$ $+230650537632415555200 z^{55} + 422859318954081449440 z^{54}$ $+736593652358690797440 z^{53} + 1219983236825017315266 z^{52}$ $+1922397827598973533312 z^{51} + 2883596741330066529012 z^{50}$ $+4119423916357227729600 z^{49} + 5606993663733771527610 z^{48}$ $+7273937725970011548480 z^{47} + 8996712451210064382480 z^{46}$ $+10611506993211503655360 z^{45}$ $+11937945366250744766940 z^{44}$ $+12811453564797344761920 z^{43}$ $+13116488174718968156040 z^{42}$ $+12811453564797344761920 z^{41}$ $+11937945366250744766940 z^{40}$ $+10611506993211503655360 z^{39} + 8996712451210064382480 z^{38}$ $+7273937725970011548480 z^{37} + 5606993663733771527610 z^{36}$ $+4119423916357227729600 z^{35} + 2883596741330066529012 z^{34}$ $+1922397827598973533312 z^{33} + 1219983236825017315266 z^{32}$ $+736593652358690797440 z^{31} + 422859318954081449440 z^{30}$ $+230650537632415555200 z^{29} + 119444028367808746008 z^{28}$ $+58674259558040825216 z^{27} + 27313879491669780240 z^{26}$ $+12036624847195304832 z^{25} + 5015260332409995864 z^{24}$ $+1973217187406645376 z^{23} + 731999930234102880 z^{22}$ $+255619021017126272 z^{21} + 83874990731737821 z^{20}$ $+25807689693523584 z^{19} + 7429486137309922 z^{18}$ $+1995981449404320 z^{17} + 498995489295513 z^{16}$ $+115709048060256 z^{15} + 24794780175864 z^{14}$ $+4889121719328 z^{13} + 882755326250 z^{12} + 145109762784 z^{11}$ $+21571509036 z^{10} + 2876126176 z^9 + 340499082 z^8 + 35388192 z^7$ $+3165624 z^6 + 241248 z^5 + 16653 z^4 + 672 z^3 + 42 z^2 + 1$	$\{[42, \sqrt{21}]\}$
		$z^{84} + 126 z^{82} + 29085 z^{80} + 6353928 z^{78} + 681212154 z^{76}$	

$\{[84, 2, 77]\}$	$x^7 + x^4 + x^3 + x^2 + x + 1$	$+43140721092 z^{74} + 1765514339610 z^{72} + 49589606787528 z^{70}$ $+997990672263081 z^{68} + 14858972901467814 z^{66}$ $+167749983013374237 z^{64} + 1463999845701593760 z^{62}$ $+10030520716795029528 z^{60} + 54627758870440430640 z^{58}$ $+238888056892812626136 z^{56} + 845718637795215080736 z^{54}$ $+2439966473610194906370 z^{52} + 5767193482832588311260 z^{50}$ $+11213987327412884758170 z^{48}$ $+17993424902011474754160 z^{46}$ $+23875890733485081543420 z^{44}$ $+26232976348191195672600 z^{42}$ $+23875890733485081543420 z^{40}$ $+17993424902011474754160 z^{38}$ $+11213987327412884758170 z^{36} + 5767193482832588311260 z^{34}$ $+2439966473610194906370 z^{32} + 845718637795215080736 z^{30}$ $+238888056892812626136 z^{28} + 54627758870440430640 z^{26}$ $+10030520716795029528 z^{24} + 1463999845701593760 z^{22}$ $+167749983013374237 z^{20} + 14858972901467814 z^{18}$ $+997990672263081 z^{16} + 49589606787528 z^{14}$ $+1765514339610 z^{12} + 43140721092 z^{10} + 681212154 z^8$ $+6353928 z^6 + 29085 z^4 + 126 z^2 + 1$	$\{[42, \sqrt{21}]\}$
$\{[84, 2, 77]\}$	$x^7 + x^5 + x^3 + x^2 + x + 1$	$z^{84} + 42 z^{82} + 31101 z^{80} + 6343064 z^{78} + 681183258 z^{76}$ $+43141049196 z^{74} + 1765515907386 z^{72} + 49589577709272 z^{70}$ $+997990835260041 z^{68} + 14858972438294754 z^{66}$ $+167749983369230493 z^{64} + 1463999848465020384 z^{62}$ $+10030520702604711064 z^{60} + 54627758908254625296 z^{58}$ $+238888056827511210840 z^{56} + 845718637862075184480 z^{54}$ $+2439966473610103791234 z^{52} + 5767193482673532425460 z^{50}$ $+11213987327800627098330 z^{48}$ $+17993424901389923538000 z^{46}$ $+23875890734275913285820 z^{44}$ $+26232976347339495039240 z^{42}$	$\{[42, \sqrt{21}]\}$

		$+23875890734275913285820 z^{40}$ $+17993424901389923538000 z^{38}$ $+11213987327800627098330 z^{36} + 5767193482673532425460 z^{34}$ $+2439966473610103791234 z^{32} + 845718637862075184480 z^{30}$ $+238888056827511210840 z^{28} + 54627758908254625296 z^{26}$ $+10030520702604711064 z^{24} + 1463999848465020384 z^{22}$ $+167749983369230493 z^{20} + 14858972438294754 z^{18}$ $+997990835260041 z^{16} + 49589577709272 z^{14}$ $+1765515907386 z^{12} + 43141049196 z^{10} + 681183258 z^8$ $+6343064 z^6 + 31101 z^4 + 42 z^2 + 1$	
$\{[84, 2, 77]\}$	$x^7 + x^5 + x^4 + x^3 + x + 1$	$24381 z^{80} + 6156108 z^{78} + 679331016 z^{76} + 43143623292 z^{74}$ $+1765603994098 z^{72} + 49589463627396 z^{70}$ $+997989118511616 z^{68} + 14858976944622580 z^{66}$ $+167749996264634973 z^{64} + 1463999779072814256 z^{62}$ $+10030520750461848672 z^{60} + 54627759198521890416 z^{58}$ $+238888056135640793592 z^{56} + 845718637856093083600 z^{54}$ $+2439966475830425959872 z^{52} + 5767193479370611025808 z^{50}$ $+11213987327705400152474 z^{48}$ $+17993424907142728279656 z^{46}$ $+23875890727921976811312 z^{44}$ $+26232976346949449189640 z^{42}$ $+23875890741260165832588 z^{40}$ $+17993424895345403838264 z^{38}$ $+11213987327885547505216 z^{36} + 5767193486110484472408 z^{34}$ $+2439966471286561342146 z^{32} + 845718637894349641968 z^{30}$ $+238888057538898372960 z^{28} + 54627758593204258224 z^{26}$ $+10030520668110874680 z^{24} + 1463999913995914512 z^{22}$ $+167749970690981952 z^{20} + 14858968236750288 z^{18}$ $+997992421327881 z^{16} + 49589713959084 z^{14}$ $+1765427825224 z^{12} + 43137915996 z^{10} + 683072082 z^8$ $+6541668 z^6 + 36288 z^4 + 84 z^2 + 1$	$\{[42, \sqrt{21}]\}$

{ [84, 2, 77] }	$x^7 + x^5 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} & z^{84} + 252 z^{82} + 36729 z^{80} + 6312264 z^{78} + 680656158 z^{76} \\ & + 43146236952 z^{74} + 1765507440606 z^{72} + 49589474328072 z^{70} \\ & + 997991546740965 z^{68} + 14858970678744780 z^{66} \\ & + 167749982484056973 z^{64} + 1463999868629180064 z^{62} \\ & + 10030520634550322088 z^{60} + 54627759019558994976 z^{58} \\ & + 238888056805797201960 z^{56} + 845718637496144577312 z^{54} \\ & + 2439966474625205962674 z^{52} + 5767193481206749333560 z^{50} \\ & + 11213987328846095836770 z^{48} \\ & + 17993424901839546846960 z^{46} \\ & + 23875890732030415547700 z^{44} \\ & + 26232976350396210122640 z^{42} \\ & + 23875890732030415547700 z^{40} \\ & + 17993424901839546846960 z^{38} \\ & + 11213987328846095836770 z^{36} + 5767193481206749333560 z^{34} \\ & + 2439966474625205962674 z^{32} + 845718637496144577312 z^{30} \\ & + 238888056805797201960 z^{28} + 54627759019558994976 z^{26} \\ & + 10030520634550322088 z^{24} + 1463999868629180064 z^{22} \\ & + 167749982484056973 z^{20} + 14858970678744780 z^{18} \\ & + 997991546740965 z^{16} + 49589474328072 z^{14} \\ & + 1765507440606 z^{12} + 43146236952 z^{10} + 680656158 z^8 \\ & + 6312264 z^6 + 36729 z^4 + 252 z^2 + 1 \end{aligned} $	{ [42, $\sqrt{21}$] }
		$ \begin{aligned} & z^{84} + 126 z^{82} + 29085 z^{80} + 6353928 z^{78} + 681212154 z^{76} \\ & + 43140721092 z^{74} + 1765514339610 z^{72} + 49589606787528 z^{70} \\ & + 997990672263081 z^{68} + 14858972901467814 z^{66} \\ & + 167749983013374237 z^{64} + 1463999845701593760 z^{62} \\ & + 10030520716795029528 z^{60} + 54627758870440430640 z^{58} \\ & + 238888056892812626136 z^{56} + 845718637795215080736 z^{54} \\ & + 2439966473610194906370 z^{52} + 5767193482832588311260 z^{50} \\ & + 11213987327412884758170 z^{48} \\ & + 17993424902011474754160 z^{46} \\ & + 23875890733485081543420 z^{44} \end{aligned} $	

$\{[84, 2, 77]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + 1$	$+26232976348191195672600 z^{42}$ $+23875890733485081543420 z^{40}$ $+17993424902011474754160 z^{38}$ $+11213987327412884758170 z^{36} + 5767193482832588311260 z^{34}$ $+2439966473610194906370 z^{32} + 845718637795215080736 z^{30}$ $+238888056892812626136 z^{28} + 54627758870440430640 z^{26}$ $+10030520716795029528 z^{24} + 1463999845701593760 z^{22}$ $+167749983013374237 z^{20} + 14858972901467814 z^{18}$ $+997990672263081 z^{16} + 49589606787528 z^{14}$ $+1765514339610 z^{12} + 43140721092 z^{10} + 681212154 z^8$ $+6353928 z^6 + 29085 z^4 + 126 z^2 + 1$	$\{[42, \sqrt{21}]\}$
$\{[84, 2, 77]\}$	$x^7 + x^6 + x^5 + x^4 + x^2 + 1$	$z^{84} + 42 z^{82} + 31101 z^{80} + 6343064 z^{78} + 681183258 z^{76}$ $+43141049196 z^{74} + 1765515907386 z^{72} + 49589577709272 z^{70}$ $+997990835260041 z^{68} + 14858972438294754 z^{66}$ $+167749983369230493 z^{64} + 1463999848465020384 z^{62}$ $+10030520702604711064 z^{60} + 54627758908254625296 z^{58}$ $+238888056827511210840 z^{56} + 845718637862075184480 z^{54}$ $+2439966473610103791234 z^{52} + 5767193482673532425460 z^{50}$ $+11213987327800627098330 z^{48}$ $+17993424901389923538000 z^{46}$ $+23875890734275913285820 z^{44}$ $+26232976347339495039240 z^{42}$ $+23875890734275913285820 z^{40}$ $+17993424901389923538000 z^{38}$ $+11213987327800627098330 z^{36} + 5767193482673532425460 z^{34}$ $+2439966473610103791234 z^{32} + 845718637862075184480 z^{30}$ $+238888056827511210840 z^{28} + 54627758908254625296 z^{26}$ $+10030520702604711064 z^{24} + 1463999848465020384 z^{22}$ $+167749983369230493 z^{20} + 14858972438294754 z^{18}$ $+997990835260041 z^{16} + 49589577709272 z^{14}$ $+1765515907386 z^{12} + 43141049196 z^{10} + 681183258 z^8$	$\{[42, \sqrt{21}]\}$

		$+6343064 z^6 + 31101 z^4 + 42 z^2 + 1$	
$\{[84, 2, 77]\}$	$x^7 + x^6 + x^5 + x^4 + x + 1$	$z^{84} + 210 z^{82} + 38829 z^{80} + 6519128 z^{78} + 680745450 z^{76}$ $+ 43131152988 z^{74} + 1765548900234 z^{72} + 49589794966680 z^{70}$ $+ 997989418742841 z^{68} + 14858973474587242 z^{66}$ $+ 167749997617532253 z^{64} + 1463999794943687904 z^{62}$ $+ 10030520752782981080 z^{60} + 54627759075404261712 z^{58}$ $+ 238888056215603184024 z^{56} + 845718638566578847840 z^{54}$ $+ 2439966474044488992834 z^{52} + 5767193480156861860548 z^{50}$ $+ 11213987331062798867578 z^{48}$ $+ 17993424900846160870608 z^{46}$ $+ 23875890730028710096668 z^{44}$ $+ 26232976354020633164968 z^{42}$ $+ 23875890730028710096668 z^{40}$ $+ 17993424900846160870608 z^{38}$ $+ 11213987331062798867578 z^{36} + 5767193480156861860548 z^{34}$ $+ 2439966474044488992834 z^{32} + 845718638566578847840 z^{30}$ $+ 238888056215603184024 z^{28} + 54627759075404261712 z^{26}$ $+ 10030520752782981080 z^{24} + 1463999794943687904 z^{22}$ $+ 167749997617532253 z^{20} + 14858973474587242 z^{18}$ $+ 997989418742841 z^{16} + 49589794966680 z^{14}$ $+ 1765548900234 z^{12} + 43131152988 z^{10} + 680745450 z^8$ $+ 6519128 z^6 + 38829 z^4 + 210 z^2 + 1$	$\{[42, \sqrt{21}]\}$
		$z^{84} + 42 z^{82} + 672 z^{81} + 16653 z^{80} + 241248 z^{79} + 3165624 z^{78}$ $+ 35388192 z^{77} + 340499082 z^{76} + 2876126176 z^{75}$ $+ 21571509036 z^{74} + 145109762784 z^{73} + 882755326250 z^{72}$ $+ 4889121719328 z^{71} + 24794780175864 z^{70}$ $+ 115709048060256 z^{69} + 498995489295513 z^{68}$ $+ 1995981449404320 z^{67} + 7429486137309922 z^{66}$ $+ 25807689693523584 z^{65} + 83874990731737821 z^{64}$ $+ 255619021017126272 z^{63} + 731999930234102880 z^{62}$ $+ 1973217187406645376 z^{61} + 5015260332409995864 z^{60}$	

{ [84, 2, 77] }	$x^7 + x^6 + x^5 + x^3 + 1$	$ \begin{aligned} &+12036624847195304832 z^{59} + 27313879491669780240 z^{58} \\ &+ 58674259558040825216 z^{57} + 119444028367808746008 z^{56} \\ &+ 230650537632415555200 z^{55} + 422859318954081449440 z^{54} \\ &+ 736593652358690797440 z^{53} + 1219983236825017315266 z^{52} \\ &+ 1922397827598973533312 z^{51} + 2883596741330066529012 z^{50} \\ &+ 4119423916357227729600 z^{49} + 5606993663733771527610 z^{48} \\ &+ 7273937725970011548480 z^{47} + 8996712451210064382480 z^{46} \\ &+ 10611506993211503655360 z^{45} \\ &+ 11937945366250744766940 z^{44} \\ &+ 12811453564797344761920 z^{43} \\ &+ 13116488174718968156040 z^{42} \\ &+ 12811453564797344761920 z^{41} \\ &+ 11937945366250744766940 z^{40} \\ &+ 10611506993211503655360 z^{39} + 8996712451210064382480 z^{38} \\ &+ 7273937725970011548480 z^{37} + 5606993663733771527610 z^{36} \\ &+ 4119423916357227729600 z^{35} + 2883596741330066529012 z^{34} \\ &+ 1922397827598973533312 z^{33} + 1219983236825017315266 z^{32} \\ &+ 736593652358690797440 z^{31} + 422859318954081449440 z^{30} \\ &+ 230650537632415555200 z^{29} + 119444028367808746008 z^{28} \\ &+ 58674259558040825216 z^{27} + 27313879491669780240 z^{26} \\ &+ 12036624847195304832 z^{25} + 5015260332409995864 z^{24} \\ &+ 1973217187406645376 z^{23} + 731999930234102880 z^{22} \\ &+ 255619021017126272 z^{21} + 83874990731737821 z^{20} \\ &+ 25807689693523584 z^{19} + 7429486137309922 z^{18} \\ &+ 1995981449404320 z^{17} + 498995489295513 z^{16} \\ &+ 115709048060256 z^{15} + 24794780175864 z^{14} \\ &+ 4889121719328 z^{13} + 882755326250 z^{12} + 145109762784 z^{11} \\ &+ 21571509036 z^{10} + 2876126176 z^9 + 340499082 z^8 + 35388192 z^7 \\ &+ 3165624 z^6 + 241248 z^5 + 16653 z^4 + 672 z^3 + 42 z^2 + 1 \end{aligned} $	{ [42, $\sqrt{21}$] }
		$ \begin{aligned} &24381 z^{80} + 6156108 z^{78} + 679331016 z^{76} + 43143623292 z^{74} \\ &+ 1765603994098 z^{72} + 49589463627396 z^{70} \end{aligned} $	

$\{[84, 2, 77]\}$	$x^7 + x^6 + x^4 + x^3 + x^2 + 1$	$+997989118511616 z^{68} + 14858976944622580 z^{66}$ $+167749996264634973 z^{64} + 1463999779072814256 z^{62}$ $+10030520750461848672 z^{60} + 54627759198521890416 z^{58}$ $+238888056135640793592 z^{56} + 845718637856093083600 z^{54}$ $+2439966475830425959872 z^{52} + 5767193479370611025808 z^{50}$ $+11213987327705400152474 z^{48}$ $+17993424907142728279656 z^{46}$ $+23875890727921976811312 z^{44}$ $+26232976346949449189640 z^{42}$ $+23875890741260165832588 z^{40}$ $+17993424895345403838264 z^{38}$ $+11213987327885547505216 z^{36} + 5767193486110484472408 z^{34}$ $+2439966471286561342146 z^{32} + 845718637894349641968 z^{30}$ $+238888057538898372960 z^{28} + 54627758593204258224 z^{26}$ $+10030520668110874680 z^{24} + 1463999913995914512 z^{22}$ $+167749970690981952 z^{20} + 14858968236750288 z^{18}$ $+997992421327881 z^{16} + 49589713959084 z^{14}$ $+1765427825224 z^{12} + 43137915996 z^{10} + 683072082 z^8$ $+6541668 z^6 + 36288 z^4 + 84 z^2 + 1$	$\{[42, \sqrt{21}]\}$
$\{[84, 2, 77]\}$	$x^7 + x^6 + x^3 + x^2 + x + 1$	$z^{84} + 210 z^{82} + 38829 z^{80} + 6519128 z^{78} + 680745450 z^{76}$ $+43131152988 z^{74} + 1765548900234 z^{72} + 49589794966680 z^{70}$ $+997989418742841 z^{68} + 14858973474587242 z^{66}$ $+167749997617532253 z^{64} + 1463999794943687904 z^{62}$ $+10030520752782981080 z^{60} + 54627759075404261712 z^{58}$ $+238888056215603184024 z^{56} + 845718638566578847840 z^{54}$ $+2439966474044488992834 z^{52} + 5767193480156861860548 z^{50}$ $+11213987331062798867578 z^{48}$ $+17993424900846160870608 z^{46}$ $+23875890730028710096668 z^{44}$ $+26232976354020633164968 z^{42}$ $+23875890730028710096668 z^{40}$	$\{[42, \sqrt{21}]\}$

		$+17993424900846160870608 z^{38}$ $+11213987331062798867578 z^{36} + 5767193480156861860548 z^{34}$ $+2439966474044488992834 z^{32} + 845718638566578847840 z^{30}$ $+238888056215603184024 z^{28} + 54627759075404261712 z^{26}$ $+10030520752782981080 z^{24} + 1463999794943687904 z^{22}$ $+167749997617532253 z^{20} + 14858973474587242 z^{18}$ $+997989418742841 z^{16} + 49589794966680 z^{14}$ $+1765548900234 z^{12} + 43131152988 z^{10} + 680745450 z^8$ $+6519128 z^6 + 38829 z^4 + 210 z^2 + 1$	
$\{[84, 2, 77]\}$	$x^7 + x^6 + x + 1$	$z^{84} + 252 z^{82} + 65541 z^{80} + 8905344 z^{78} + 774669714 z^{76}$ $+44880966312 z^{74} + 1782173095794 z^{72} + 49659130507392 z^{70}$ $+997952902530129 z^{68} + 14857763973460044 z^{66}$ $+167748292640173245 z^{64} + 1464009269022763008 z^{62}$ $+10030538558298793080 z^{60} + 54627708888826689504 z^{58}$ $+238887970750926606264 z^{56} + 845718836202158951424 z^{54}$ $+2439966703684667416098 z^{52} + 5767192919240937106104 z^{50}$ $+11213987000376983897802 z^{48}$ $+17993425976284648012032 z^{46}$ $+23875890902107550275788 z^{44}$ $+26232975010107637068528 z^{42}$ $+23875890902107550275788 z^{40}$ $+17993425976284648012032 z^{38}$ $+11213987000376983897802 z^{36} + 5767192919240937106104 z^{34}$ $+2439966703684667416098 z^{32} + 845718836202158951424 z^{30}$ $+238887970750926606264 z^{28} + 54627708888826689504 z^{26}$ $+10030538558298793080 z^{24} + 1464009269022763008 z^{22}$ $+167748292640173245 z^{20} + 14857763973460044 z^{18}$ $+997952902530129 z^{16} + 49659130507392 z^{14}$ $+1782173095794 z^{12} + 44880966312 z^{10} + 774669714 z^8$ $+8905344 z^6 + 65541 z^4 + 252 z^2 + 1$	$\{[42, \sqrt{21}]\}$
		$z^{88} + 440 z^{86} + 87340 z^{84} + 10337096 z^{82} + 1027082111 z^{80}$	

$\{[88, 2, 81]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+70530111168 z^{78} + 3207863787128 z^{76} + 100499319525440 z^{74} \\ &+ 2262105221491819 z^{72} + 37789996973654376 z^{70} \\ &+ 480330891655687996 z^{68} + 4736773293083025304 z^{66} \\ &+ 36812960135580862805 z^{64} + 228353612043527732608 z^{62} \\ &+ 1142372215766688338080 z^{60} + 4648273129757797353088 z^{58} \\ &+ 15491119820047898103418 z^{56} \\ &+ 42524642847422035651120 z^{54} \\ &+ 96591688724583103749016 z^{52} \\ &+ 182191435293880734136272 z^{50} \\ &+ 286133985341397750674502 z^{48} \\ &+ 374865430259800820012288 z^{46} \\ &+ 410132896299455106605520 z^{44} \\ &+ 374865430259800820012288 z^{42} \\ &+ 286133985341397750674502 z^{40} \\ &+ 182191435293880734136272 z^{38} \\ &+ 96591688724583103749016 z^{36} \\ &+ 42524642847422035651120 z^{34} \\ &+ 15491119820047898103418 z^{32} + 4648273129757797353088 z^{30} \\ &+ 1142372215766688338080 z^{28} + 228353612043527732608 z^{26} \\ &+ 36812960135580862805 z^{24} + 4736773293083025304 z^{22} \\ &+ 480330891655687996 z^{20} + 37789996973654376 z^{18} \\ &+ 2262105221491819 z^{16} + 100499319525440 z^{14} \\ &+ 3207863787128 z^{12} + 70530111168 z^{10} + 1027082111 z^8 \\ &+ 10337096 z^6 + 87340 z^4 + 440 z^2 + 1 \end{aligned} $	$\{[44, \sqrt{22}]\}$
		$ \begin{aligned} &z^{90} + 225 z^{88} + 43290 z^{86} + 9715290 z^{84} + 1210795335 z^{82} \\ &+ 89387540775 z^{80} + 4279659447900 z^{78} + 141228272186460 z^{76} \\ &+ 3354176017578195 z^{74} + 59213251960498035 z^{72} \\ &+ 796574057182921170 z^{70} + 8327819839699251090 z^{68} \\ &+ 68734686395360443605 z^{66} + 453648931221992882805 z^{64} \\ &+ 2419460965825938611280 z^{62} + 10517702725568687976528 z^{60} \\ &+ 37532931103686603188250 z^{58} \end{aligned} $	

$\{[90, 2, 83]\}$	$x^7 + x^3 + x + 1$	$ \begin{aligned} &+110591684685526186281690 z^{56} \\ &+270335229239828345884500 z^{54} \\ &+550284086832461567949780 z^{52} \\ &+935482947600443749370550 z^{50} \\ &+1330971673436574283250550 z^{48} \\ &+1587035991144060583007400 z^{46} \\ &+1587035991144060583007400 z^{44} \\ &+1330971673436574283250550 z^{42} \\ &+935482947600443749370550 z^{40} \\ &+550284086832461567949780 z^{38} \\ &+270335229239828345884500 z^{36} \\ &+110591684685526186281690 z^{34} \\ &+37532931103686603188250 z^{32} \\ &+10517702725568687976528 z^{30} + 2419460965825938611280 z^{28} \\ &+453648931221992882805 z^{26} + 68734686395360443605 z^{24} \\ &+8327819839699251090 z^{22} + 796574057182921170 z^{20} \\ &+59213251960498035 z^{18} + 3354176017578195 z^{16} \\ &+141228272186460 z^{14} + 4279659447900 z^{12} + 89387540775 z^{10} \\ &+1210795335 z^8 + 9715290 z^6 + 43290 z^4 + 225 z^2 + 1 \end{aligned} $	$ \left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\} $
		$ \begin{aligned} &z^{90} + 225 z^{88} + 62730 z^{86} + 11315850 z^{84} + 1259835975 z^{82} \\ &+ 90080151975 z^{80} + 4283664142140 z^{78} + 141225280561980 z^{76} \\ &+ 3354065919861075 z^{74} + 59213147369973875 z^{72} \\ &+ 796575552415367490 z^{70} + 8327821062555510210 z^{68} \\ &+ 68734673048238124245 z^{66} + 453648929450173636725 z^{64} \\ &+ 2419461042884829642960 z^{62} + 10517702677141425551568 z^{60} \\ &+ 37532930845529028150810 z^{58} \\ &+ 110591685045999111680730 z^{56} \\ &+ 270335229632501139610420 z^{54} \\ &+ 550284085746594280759860 z^{52} \\ &+ 935482947669167815287990 z^{50} \\ &+ 1330971675052200977526390 z^{48} \end{aligned} $	

$\{[90, 2, 83]\}$	$x^7 + x^6 + x^5 + x^2 + x + 1$	$ \begin{aligned} &+1587035990034571122069480 z^{46} \\ &+1587035990034571122069480 z^{44} \\ &+1330971675052200977526390 z^{42} \\ &+935482947669167815287990 z^{40} \\ &+550284085746594280759860 z^{38} \\ &+270335229632501139610420 z^{36} \\ &+110591685045999111680730 z^{34} \\ &+37532930845529028150810 z^{32} \\ &+10517702677141425551568 z^{30} + 2419461042884829642960 z^{28} \\ &+453648929450173636725 z^{26} + 68734673048238124245 z^{24} \\ &+8327821062555510210 z^{22} + 796575552415367490 z^{20} \\ &+59213147369973875 z^{18} + 3354065919861075 z^{16} \\ &+141225280561980 z^{14} + 4283664142140 z^{12} + 90080151975 z^{10} \\ &+1259835975 z^8 + 11315850 z^6 + 62730 z^4 + 225 z^2 + 1 \end{aligned} $	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$
$\{[90, 2, 83]\}$	$x^7 + x^6 + x^4 + x^3 + x + 1$	$ \begin{aligned} &z^{90} + 405 z^{88} + 74790 z^{86} + 11336790 z^{84} + 1247110155 z^{82} \\ &+ 89714391759 z^{80} + 4279782706740 z^{78} + 141217404272820 z^{76} \\ &+ 3354160360179195 z^{74} + 59213450216904615 z^{72} \\ &+ 796574191152872286 z^{70} + 8327817521532436590 z^{68} \\ &+ 68734687685275586745 z^{66} + 453648945905816098005 z^{64} \\ &+ 2419460940926316184560 z^{62} + 10517702687173541761776 z^{60} \\ &+ 37532931246153258389370 z^{58} \\ &+ 110591684639419393475010 z^{56} \\ &+ 270335228918290002636780 z^{54} \\ &+ 550284087272998536282060 z^{52} \\ &+ 935482947749742944880702 z^{50} \\ &+ 1330971672627756477022950 z^{48} \\ &+ 1587035991637553714220600 z^{46} \\ &+ 1587035991637553714220600 z^{44} \\ &+ 1330971672627756477022950 z^{42} \\ &+ 935482947749742944880702 z^{40} \\ &+ 550284087272998536282060 z^{38} \end{aligned} $	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+270335228918290002636780 z^{36}$ $+110591684639419393475010 z^{34}$ $+37532931246153258389370 z^{32}$ $+10517702687173541761776 z^{30} + 2419460940926316184560 z^{28}$ $+453648945905816098005 z^{26} + 68734687685275586745 z^{24}$ $+8327817521532436590 z^{22} + 796574191152872286 z^{20}$ $+59213450216904615 z^{18} + 3354160360179195 z^{16}$ $+141217404272820 z^{14} + 4279782706740 z^{12} + 89714391759 z^{10}$ $+1247110155 z^8 + 11336790 z^6 + 74790 z^4 + 405 z^2 + 1$	
$\{[90, 2, 83]\}$	$x^7 + x^6 + x^4 + 1$	$z^{90} + 225 z^{88} + 43290 z^{86} + 9715290 z^{84} + 1210795335 z^{82}$ $+ 89387540775 z^{80} + 4279659447900 z^{78} + 141228272186460 z^{76}$ $+ 3354176017578195 z^{74} + 59213251960498035 z^{72}$ $+ 796574057182921170 z^{70} + 8327819839699251090 z^{68}$ $+ 68734686395360443605 z^{66} + 453648931221992882805 z^{64}$ $+ 2419460965825938611280 z^{62} + 10517702725568687976528 z^{60}$ $+ 37532931103686603188250 z^{58}$ $+ 110591684685526186281690 z^{56}$ $+ 270335229239828345884500 z^{54}$ $+ 550284086832461567949780 z^{52}$ $+ 935482947600443749370550 z^{50}$ $+ 1330971673436574283250550 z^{48}$ $+ 1587035991144060583007400 z^{46}$ $+ 1587035991144060583007400 z^{44}$ $+ 1330971673436574283250550 z^{42}$ $+ 935482947600443749370550 z^{40}$ $+ 550284086832461567949780 z^{38}$ $+ 270335229239828345884500 z^{36}$ $+ 110591684685526186281690 z^{34}$ $+ 37532931103686603188250 z^{32}$ $+ 10517702725568687976528 z^{30} + 2419460965825938611280 z^{28}$ $+ 453648931221992882805 z^{26} + 68734686395360443605 z^{24}$	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+8327819839699251090 z^{22} + 796574057182921170 z^{20}$ $+59213251960498035 z^{18} + 3354176017578195 z^{16}$ $+141228272186460 z^{14} + 4279659447900 z^{12} + 89387540775 z^{10}$ $+1210795335 z^8 + 9715290 z^6 + 43290 z^4 + 225 z^2 + 1$	
$\{[91, 2, 84]\}$	$x^7 + 1$	$62748517 z^{84} + 9663271618 z^{82} + 681260649069 z^{80}$ $+29183080286360 z^{78} + 850764096520338 z^{76}$ $+17930753929118940 z^{74} + 283587466905844010 z^{72}$ $+3452086044406273560 z^{70} + 32949954992842012125 z^{68}$ $+250193392977347061242 z^{66} + 1528958984231988822877 z^{64}$ $+7592101269673413493728 z^{62} + 30874572230620876882488 z^{60}$ $+103499912252118082260560 z^{58}$ $+287538307203696681911064 z^{56}$ $+664878496976846199643232 z^{54}$ $+1283996350464806796766858 z^{52}$ $+2076315887105207920755492 z^{50}$ $+2816707279302812669587450 z^{48}$ $+3209339353210274861296720 z^{46}$ $+3072772038058577368675980 z^{44}$ $+2471804620258787731850920 z^{42}$ $+1669194896629546467588316 z^{40}$ $+944827338788041046105040 z^{38}$ $+447282010297650072208482 z^{36}$ $+176558683637688044863716 z^{34}$ $+57889745806236380863554 z^{32}$ $+15690331603705651998560 z^{30} + 3494782955150603267320 z^{28}$ $+635111850014491890768 z^{26} + 93355609549372574040 z^{24}$ $+10982513780625601760 z^{22} + 1020889861226176305 z^{20}$ $+73844785239457050 z^{18} + 4083030647829497 z^{16}$ $+169227194496984 z^{14} + 5156284683186 z^{12} + 113472214492 z^{10}$ $+1768649610 z^8 + 18963672 z^6 + 132769 z^4 + 546 z^2 + 1$	$\left\{ \left[\frac{91}{2}, \frac{\sqrt{91}}{2} \right] \right\}$
		$z^{93} + 930 z^{90} + 24180 z^{89} + 405015 z^{88} + 5940654 z^{87} + 74027814 z^{86}$	

$\{[93, 2, 86]\}$

$x^7 + x^2 + 1$

$$\begin{aligned} &+795725205 z^{85} + 7514393180 z^{84} + 63119649258 z^{83} \\ &+ 476271256644 z^{82} + 3254538779024 z^{81} + 20278232816787 z^{80} \\ &+ 115875512315100 z^{79} + 610278024416028 z^{78} \\ &+ 2975105668468095 z^{77} + 13475477180846160 z^{76} \\ &+ 56896458842773508 z^{75} + 224591289028396290 z^{74} \\ &+ 830987769442263948 z^{73} + 2888671762390657225 z^{72} \\ &+ 9453834855031562190 z^{71} + 29183577169885685622 z^{70} \\ &+ 85118766780277786035 z^{69} + 234927796298831718660 z^{68} \\ &+ 614426544014696460954 z^{67} + 1524688090785205594224 z^{66} \\ &+ 3593907642989527330560 z^{65} + 8055310233935297684805 z^{64} \\ &+ 17184661831558034905872 z^{63} \\ &+ 34923667594144234635408 z^{62} \\ &+ 67664605964833477939818 z^{61} \\ &+ 125076998902812383872896 z^{60} \\ &+ 220724115709702463024880 z^{59} \\ &+ 372077795055988713000324 z^{58} \\ &+ 599458669813181325445448 z^{57} \\ &+ 923490383223768830479878 z^{56} \\ &+ 1360933196328980462633244 z^{55} \\ &+ 1919264764053564356625100 z^{54} \\ &+ 2591007431474749067213778 z^{53} \\ &+ 3349351069957966709985624 z^{52} \\ &+ 4146815610417961234786644 z^{51} \\ &+ 4918316189096157112193112 z^{50} \\ &+ 5588995669438221519876000 z^{49} \\ &+ 6085795284502465967630910 z^{48} \\ &+ 6350395079467152299370600 z^{47} \\ &+ 6350395079467152299370600 z^{46} \\ &+ 6085795284502465967630910 z^{45} \\ &+ 5588995669438221519876000 z^{44} \\ &+ 4918316189096157112193112 z^{43} \end{aligned}$$

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

		$ \begin{aligned} &+4146815610417961234786644 z^{42} \\ &+3349351069957966709985624 z^{41} \\ &+2591007431474749067213778 z^{40} \\ &+1919264764053564356625100 z^{39} \\ &+1360933196328980462633244 z^{38} \\ &+923490383223768830479878 z^{37} \\ &+599458669813181325445448 z^{36} \\ &+372077795055988713000324 z^{35} \\ &+220724115709702463024880 z^{34} \\ &+125076998902812383872896 z^{33} \\ &+67664605964833477939818 z^{32} \\ &+34923667594144234635408 z^{31} \\ &+17184661831558034905872 z^{30} + 8055310233935297684805 z^{29} \\ &+3593907642989527330560 z^{28} + 1524688090785205594224 z^{27} \\ &+614426544014696460954 z^{26} + 234927796298831718660 z^{25} \\ &+85118766780277786035 z^{24} + 29183577169885685622 z^{23} \\ &+9453834855031562190 z^{22} + 2888671762390657225 z^{21} \\ &+830987769442263948 z^{20} + 224591289028396290 z^{19} \\ &+56896458842773508 z^{18} + 13475477180846160 z^{17} \\ &+2975105668468095 z^{16} + 610278024416028 z^{15} \\ &+115875512315100 z^{14} + 20278232816787 z^{13} \\ &+3254538779024 z^{12} + 476271256644 z^{11} + 63119649258 z^{10} \\ &+7514393180 z^9 + 795725205 z^8 + 74027814 z^7 + 5940654 z^6 \\ &+405015 z^5 + 24180 z^4 + 930 z^3 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{93} + 930 z^{90} + 24180 z^{89} + 405015 z^{88} + 5940654 z^{87} + 74027814 z^{86} \\ &+ 795725205 z^{85} + 7514393180 z^{84} + 63119649258 z^{83} \\ &+ 476271256644 z^{82} + 3254538779024 z^{81} + 20278232816787 z^{80} \\ &+ 115875512315100 z^{79} + 610278024416028 z^{78} \\ &+ 2975105668468095 z^{77} + 13475477180846160 z^{76} \\ &+ 56896458842773508 z^{75} + 224591289028396290 z^{74} \\ &+ 830987769442263948 z^{73} + 2888671762390657225 z^{72} \end{aligned} $	

$\{[93, 2, 86]\}$

$x^7 + x^5 + 1$

$$\begin{aligned} &+9453834855031562190 z^{71} + 29183577169885685622 z^{70} \\ &+ 85118766780277786035 z^{69} + 234927796298831718660 z^{68} \\ &+ 614426544014696460954 z^{67} + 1524688090785205594224 z^{66} \\ &+ 3593907642989527330560 z^{65} + 8055310233935297684805 z^{64} \\ &+ 17184661831558034905872 z^{63} \\ &+ 34923667594144234635408 z^{62} \\ &+ 67664605964833477939818 z^{61} \\ &+ 125076998902812383872896 z^{60} \\ &+ 220724115709702463024880 z^{59} \\ &+ 372077795055988713000324 z^{58} \\ &+ 599458669813181325445448 z^{57} \\ &+ 923490383223768830479878 z^{56} \\ &+ 1360933196328980462633244 z^{55} \\ &+ 1919264764053564356625100 z^{54} \\ &+ 2591007431474749067213778 z^{53} \\ &+ 3349351069957966709985624 z^{52} \\ &+ 4146815610417961234786644 z^{51} \\ &+ 4918316189096157112193112 z^{50} \\ &+ 5588995669438221519876000 z^{49} \\ &+ 6085795284502465967630910 z^{48} \\ &+ 6350395079467152299370600 z^{47} \\ &+ 6350395079467152299370600 z^{46} \\ &+ 6085795284502465967630910 z^{45} \\ &+ 5588995669438221519876000 z^{44} \\ &+ 4918316189096157112193112 z^{43} \\ &+ 4146815610417961234786644 z^{42} \\ &+ 3349351069957966709985624 z^{41} \\ &+ 2591007431474749067213778 z^{40} \\ &+ 1919264764053564356625100 z^{39} \\ &+ 1360933196328980462633244 z^{38} \\ &+ 923490383223768830479878 z^{37} \end{aligned}$$

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

		$ \begin{aligned} &+599458669813181325445448 z^{36} \\ &+372077795055988713000324 z^{35} \\ &+220724115709702463024880 z^{34} \\ &+125076998902812383872896 z^{33} \\ &+67664605964833477939818 z^{32} \\ &+34923667594144234635408 z^{31} \\ &+17184661831558034905872 z^{30} + 8055310233935297684805 z^{29} \\ &+3593907642989527330560 z^{28} + 1524688090785205594224 z^{27} \\ &+614426544014696460954 z^{26} + 234927796298831718660 z^{25} \\ &+85118766780277786035 z^{24} + 29183577169885685622 z^{23} \\ &+9453834855031562190 z^{22} + 2888671762390657225 z^{21} \\ &+830987769442263948 z^{20} + 224591289028396290 z^{19} \\ &+56896458842773508 z^{18} + 13475477180846160 z^{17} \\ &+2975105668468095 z^{16} + 610278024416028 z^{15} \\ &+115875512315100 z^{14} + 20278232816787 z^{13} \\ &+3254538779024 z^{12} + 476271256644 z^{11} + 63119649258 z^{10} \\ &+7514393180 z^9 + 795725205 z^8 + 74027814 z^7 + 5940654 z^6 \\ &+405015 z^5 + 24180 z^4 + 930 z^3 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{93} + 930 z^{90} + 24180 z^{89} + 405015 z^{88} + 5940654 z^{87} + 74027814 z^{86} \\ &+ 795725205 z^{85} + 7514393180 z^{84} + 63119649258 z^{83} \\ &+ 476271256644 z^{82} + 3254538779024 z^{81} + 20278232816787 z^{80} \\ &+ 115875512315100 z^{79} + 610278024416028 z^{78} \\ &+ 2975105668468095 z^{77} + 13475477180846160 z^{76} \\ &+ 56896458842773508 z^{75} + 224591289028396290 z^{74} \\ &+ 830987769442263948 z^{73} + 2888671762390657225 z^{72} \\ &+ 9453834855031562190 z^{71} + 29183577169885685622 z^{70} \\ &+ 85118766780277786035 z^{69} + 234927796298831718660 z^{68} \\ &+ 614426544014696460954 z^{67} + 1524688090785205594224 z^{66} \\ &+ 3593907642989527330560 z^{65} + 8055310233935297684805 z^{64} \\ &+ 17184661831558034905872 z^{63} \\ &+ 34923667594144234635408 z^{62} \end{aligned} $	

$$\{[93, 2, 86]\}$$

$$x^7 + x^5 + x^4 + x + 1$$

$$\begin{aligned}
&+67664605964833477939818 z^{61} \\
&+125076998902812383872896 z^{60} \\
&+220724115709702463024880 z^{59} \\
&+372077795055988713000324 z^{58} \\
&+599458669813181325445448 z^{57} \\
&+923490383223768830479878 z^{56} \\
&+1360933196328980462633244 z^{55} \\
&+1919264764053564356625100 z^{54} \\
&+2591007431474749067213778 z^{53} \\
&+3349351069957966709985624 z^{52} \\
&+4146815610417961234786644 z^{51} \\
&+4918316189096157112193112 z^{50} \\
&+5588995669438221519876000 z^{49} \\
&+6085795284502465967630910 z^{48} \\
&+6350395079467152299370600 z^{47} \\
&+6350395079467152299370600 z^{46} \\
&+6085795284502465967630910 z^{45} \\
&+5588995669438221519876000 z^{44} \\
&+4918316189096157112193112 z^{43} \\
&+4146815610417961234786644 z^{42} \\
&+3349351069957966709985624 z^{41} \\
&+2591007431474749067213778 z^{40} \\
&+1919264764053564356625100 z^{39} \\
&+1360933196328980462633244 z^{38} \\
&+923490383223768830479878 z^{37} \\
&+599458669813181325445448 z^{36} \\
&+372077795055988713000324 z^{35} \\
&+220724115709702463024880 z^{34} \\
&+125076998902812383872896 z^{33} \\
&+67664605964833477939818 z^{32} \\
&+34923667594144234635408 z^{31}
\end{aligned}$$

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

		$ \begin{aligned} &+17184661831558034905872 z^{30}+8055310233935297684805 z^{29} \\ &+3593907642989527330560 z^{28}+1524688090785205594224 z^{27} \\ &+614426544014696460954 z^{26}+234927796298831718660 z^{25} \\ &+85118766780277786035 z^{24}+29183577169885685622 z^{23} \\ &+9453834855031562190 z^{22}+2888671762390657225 z^{21} \\ &+830987769442263948 z^{20}+224591289028396290 z^{19} \\ &+56896458842773508 z^{18}+13475477180846160 z^{17} \\ &+2975105668468095 z^{16}+610278024416028 z^{15} \\ &+115875512315100 z^{14}+20278232816787 z^{13} \\ &+3254538779024 z^{12}+476271256644 z^{11}+63119649258 z^{10} \\ &+7514393180 z^9+795725205 z^8+74027814 z^7+5940654 z^6 \\ &+405015 z^5+24180 z^4+930 z^3+1 \end{aligned} $	
		$ \begin{aligned} &z^{93}+930 z^{90}+24180 z^{89}+405015 z^{88}+5940654 z^{87}+74027814 z^{86} \\ &+795725205 z^{85}+7514393180 z^{84}+63119649258 z^{83} \\ &+476271256644 z^{82}+3254538779024 z^{81}+20278232816787 z^{80} \\ &+115875512315100 z^{79}+610278024416028 z^{78} \\ &+2975105668468095 z^{77}+13475477180846160 z^{76} \\ &+56896458842773508 z^{75}+224591289028396290 z^{74} \\ &+830987769442263948 z^{73}+2888671762390657225 z^{72} \\ &+9453834855031562190 z^{71}+29183577169885685622 z^{70} \\ &+85118766780277786035 z^{69}+234927796298831718660 z^{68} \\ &+614426544014696460954 z^{67}+1524688090785205594224 z^{66} \\ &+3593907642989527330560 z^{65}+8055310233935297684805 z^{64} \\ &+17184661831558034905872 z^{63} \\ &+34923667594144234635408 z^{62} \\ &+67664605964833477939818 z^{61} \\ &+125076998902812383872896 z^{60} \\ &+220724115709702463024880 z^{59} \\ &+372077795055988713000324 z^{58} \\ &+599458669813181325445448 z^{57} \\ &+923490383223768830479878 z^{56} \end{aligned} $	

$\{[93, 2, 86]\}$ $x^7 + x^6 + x^5 + x^4 + x^3 + x + 1$
$$\begin{aligned} &+1360933196328980462633244 z^{55} \\ &+1919264764053564356625100 z^{54} \\ &+2591007431474749067213778 z^{53} \\ &+3349351069957966709985624 z^{52} \\ &+4146815610417961234786644 z^{51} \\ &+4918316189096157112193112 z^{50} \\ &+5588995669438221519876000 z^{49} \\ &+6085795284502465967630910 z^{48} \\ &+6350395079467152299370600 z^{47} \\ &+6350395079467152299370600 z^{46} \\ &+6085795284502465967630910 z^{45} \\ &+5588995669438221519876000 z^{44} \\ &+4918316189096157112193112 z^{43} \\ &+4146815610417961234786644 z^{42} \\ &+3349351069957966709985624 z^{41} \\ &+2591007431474749067213778 z^{40} \\ &+1919264764053564356625100 z^{39} \\ &+1360933196328980462633244 z^{38} \\ &+923490383223768830479878 z^{37} \\ &+599458669813181325445448 z^{36} \\ &+372077795055988713000324 z^{35} \\ &+220724115709702463024880 z^{34} \\ &+125076998902812383872896 z^{33} \\ &+67664605964833477939818 z^{32} \\ &+34923667594144234635408 z^{31} \\ &+17184661831558034905872 z^{30} + 8055310233935297684805 z^{29} \\ &+3593907642989527330560 z^{28} + 1524688090785205594224 z^{27} \\ &+614426544014696460954 z^{26} + 234927796298831718660 z^{25} \\ &+85118766780277786035 z^{24} + 29183577169885685622 z^{23} \\ &+9453834855031562190 z^{22} + 2888671762390657225 z^{21} \\ &+830987769442263948 z^{20} + 224591289028396290 z^{19} \end{aligned}$$
 $\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+56896458842773508 z^{18} + 13475477180846160 z^{17}$ $+2975105668468095 z^{16} + 610278024416028 z^{15}$ $+115875512315100 z^{14} + 20278232816787 z^{13}$ $+3254538779024 z^{12} + 476271256644 z^{11} + 63119649258 z^{10}$ $+7514393180 z^9 + 795725205 z^8 + 74027814 z^7 + 5940654 z^6$ $+405015 z^5 + 24180 z^4 + 930 z^3 + 1$	
		$z^{93} + 930 z^{90} + 24180 z^{89} + 405015 z^{88} + 5940654 z^{87} + 74027814 z^{86}$ $+795725205 z^{85} + 7514393180 z^{84} + 63119649258 z^{83}$ $+476271256644 z^{82} + 3254538779024 z^{81} + 20278232816787 z^{80}$ $+115875512315100 z^{79} + 610278024416028 z^{78}$ $+2975105668468095 z^{77} + 13475477180846160 z^{76}$ $+56896458842773508 z^{75} + 224591289028396290 z^{74}$ $+830987769442263948 z^{73} + 2888671762390657225 z^{72}$ $+9453834855031562190 z^{71} + 29183577169885685622 z^{70}$ $+85118766780277786035 z^{69} + 234927796298831718660 z^{68}$ $+614426544014696460954 z^{67} + 1524688090785205594224 z^{66}$ $+3593907642989527330560 z^{65} + 8055310233935297684805 z^{64}$ $+17184661831558034905872 z^{63}$ $+34923667594144234635408 z^{62}$ $+67664605964833477939818 z^{61}$ $+125076998902812383872896 z^{60}$ $+220724115709702463024880 z^{59}$ $+372077795055988713000324 z^{58}$ $+599458669813181325445448 z^{57}$ $+923490383223768830479878 z^{56}$ $+1360933196328980462633244 z^{55}$ $+1919264764053564356625100 z^{54}$ $+2591007431474749067213778 z^{53}$ $+3349351069957966709985624 z^{52}$ $+4146815610417961234786644 z^{51}$ $+4918316189096157112193112 z^{50}$	

{[93, 2, 86]}	$x^7+x^6+x^4+x^3+x^2+x+1$	$ \begin{aligned} &+5588995669438221519876000 z^{49} \\ &+6085795284502465967630910 z^{48} \\ &+6350395079467152299370600 z^{47} \\ &+6350395079467152299370600 z^{46} \\ &+6085795284502465967630910 z^{45} \\ &+5588995669438221519876000 z^{44} \\ &+4918316189096157112193112 z^{43} \\ &+4146815610417961234786644 z^{42} \\ &+3349351069957966709985624 z^{41} \\ &+2591007431474749067213778 z^{40} \\ &+1919264764053564356625100 z^{39} \\ &+1360933196328980462633244 z^{38} \\ &+923490383223768830479878 z^{37} \\ &+599458669813181325445448 z^{36} \\ &+372077795055988713000324 z^{35} \\ &+220724115709702463024880 z^{34} \\ &+125076998902812383872896 z^{33} \\ &+67664605964833477939818 z^{32} \\ &+34923667594144234635408 z^{31} \\ &+17184661831558034905872 z^{30}+8055310233935297684805 z^{29} \\ &+3593907642989527330560 z^{28}+1524688090785205594224 z^{27} \\ &+614426544014696460954 z^{26}+234927796298831718660 z^{25} \\ &+85118766780277786035 z^{24}+29183577169885685622 z^{23} \\ &+9453834855031562190 z^{22}+2888671762390657225 z^{21} \\ &+830987769442263948 z^{20}+224591289028396290 z^{19} \\ &+56896458842773508 z^{18}+13475477180846160 z^{17} \\ &+2975105668468095 z^{16}+610278024416028 z^{15} \\ &+115875512315100 z^{14}+20278232816787 z^{13} \\ &+3254538779024 z^{12}+476271256644 z^{11}+63119649258 z^{10} \\ &+7514393180 z^9+795725205 z^8+74027814 z^7+5940654 z^6 \\ &+405015 z^5+24180 z^4+930 z^3+1 \end{aligned} $	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$
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{[93, 2, 86]}

$$x^7 + x^6 + x^3 + x^2 + 1$$

$$\begin{aligned} & z^{93} + 930 z^{90} + 24180 z^{89} + 405015 z^{88} + 5940654 z^{87} + 74027814 z^{86} \\ & + 795725205 z^{85} + 7514393180 z^{84} + 63119649258 z^{83} \\ & + 476271256644 z^{82} + 3254538779024 z^{81} + 20278232816787 z^{80} \\ & + 115875512315100 z^{79} + 610278024416028 z^{78} \\ & + 2975105668468095 z^{77} + 13475477180846160 z^{76} \\ & + 56896458842773508 z^{75} + 224591289028396290 z^{74} \\ & + 830987769442263948 z^{73} + 2888671762390657225 z^{72} \\ & + 9453834855031562190 z^{71} + 29183577169885685622 z^{70} \\ & + 85118766780277786035 z^{69} + 234927796298831718660 z^{68} \\ & + 614426544014696460954 z^{67} + 1524688090785205594224 z^{66} \\ & + 3593907642989527330560 z^{65} + 8055310233935297684805 z^{64} \\ & + 17184661831558034905872 z^{63} \\ & + 34923667594144234635408 z^{62} \\ & + 67664605964833477939818 z^{61} \\ & + 125076998902812383872896 z^{60} \\ & + 220724115709702463024880 z^{59} \\ & + 372077795055988713000324 z^{58} \\ & + 599458669813181325445448 z^{57} \\ & + 923490383223768830479878 z^{56} \\ & + 1360933196328980462633244 z^{55} \\ & + 1919264764053564356625100 z^{54} \\ & + 2591007431474749067213778 z^{53} \\ & + 3349351069957966709985624 z^{52} \\ & + 4146815610417961234786644 z^{51} \\ & + 4918316189096157112193112 z^{50} \\ & + 5588995669438221519876000 z^{49} \\ & + 6085795284502465967630910 z^{48} \\ & + 6350395079467152299370600 z^{47} \\ & + 6350395079467152299370600 z^{46} \\ & + 6085795284502465967630910 z^{45} \\ & + 5588995669438221519876000 z^{44} \end{aligned}$$

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

		$ \begin{aligned} &+4918316189096157112193112 z^{43} \\ &+4146815610417961234786644 z^{42} \\ &+3349351069957966709985624 z^{41} \\ &+2591007431474749067213778 z^{40} \\ &+1919264764053564356625100 z^{39} \\ &+1360933196328980462633244 z^{38} \\ &+923490383223768830479878 z^{37} \\ &+599458669813181325445448 z^{36} \\ &+372077795055988713000324 z^{35} \\ &+220724115709702463024880 z^{34} \\ &+125076998902812383872896 z^{33} \\ &+67664605964833477939818 z^{32} \\ &+34923667594144234635408 z^{31} \\ &+17184661831558034905872 z^{30} + 8055310233935297684805 z^{29} \\ &+3593907642989527330560 z^{28} + 1524688090785205594224 z^{27} \\ &+614426544014696460954 z^{26} + 234927796298831718660 z^{25} \\ &+85118766780277786035 z^{24} + 29183577169885685622 z^{23} \\ &+9453834855031562190 z^{22} + 2888671762390657225 z^{21} \\ &+830987769442263948 z^{20} + 224591289028396290 z^{19} \\ &+56896458842773508 z^{18} + 13475477180846160 z^{17} \\ &+2975105668468095 z^{16} + 610278024416028 z^{15} \\ &+115875512315100 z^{14} + 20278232816787 z^{13} \\ &+3254538779024 z^{12} + 476271256644 z^{11} + 63119649258 z^{10} \\ &+7514393180 z^9 + 795725205 z^8 + 74027814 z^7 + 5940654 z^6 \\ &+405015 z^5 + 24180 z^4 + 930 z^3 + 1 \end{aligned} $
		$ \begin{aligned} &z^{96} + 144 z^{94} + 63720 z^{92} + 14971056 z^{90} + 2080275732 z^{88} \\ &+ 176278679568 z^{86} + 9760090275608 z^{84} + 373898474656944 z^{82} \\ &+ 10347700846920066 z^{80} + 213716992305771888 z^{78} \\ &+ 3377852754710342904 z^{76} + 41674809597894248016 z^{74} \\ &+ 407839351373461739972 z^{72} + 3207499615579845832560 z^{70} \\ &+ 20492358683544162886920 z^{68} \end{aligned} $

$\{[96, 2, 89]\}$	$x^7 + x^4 + x^3 + 1$	$ \begin{aligned} &+107314007140672370795216 z^{66} \\ &+464089808912391116708079 z^{64} \\ &+1667745195741751536807840 z^{62} \\ &+5005882802275257453491856 z^{60} \\ &+12603716300799520451633376 z^{58} \\ &+26710183391413663947105576 z^{56} \\ &+47774311758249572422125728 z^{54} \\ &+72267484275500805521768304 z^{52} \\ &+92586168260154404022690528 z^{50} \\ &+100547922092791299429978908 z^{48} \\ &+92586168260154404022690528 z^{46} \\ &+72267484275500805521768304 z^{44} \\ &+47774311758249572422125728 z^{42} \\ &+26710183391413663947105576 z^{40} \\ &+12603716300799520451633376 z^{38} \\ &+5005882802275257453491856 z^{36} \\ &+1667745195741751536807840 z^{34} \\ &+464089808912391116708079 z^{32} \\ &+107314007140672370795216 z^{30} \\ &+20492358683544162886920 z^{28} + 3207499615579845832560 z^{26} \\ &+407839351373461739972 z^{24} + 41674809597894248016 z^{22} \\ &+3377852754710342904 z^{20} + 213716992305771888 z^{18} \\ &+10347700846920066 z^{16} + 373898474656944 z^{14} \\ &+9760090275608 z^{12} + 176278679568 z^{10} + 2080275732 z^8 \\ &+14971056 z^6 + 63720 z^4 + 144 z^2 + 1 \end{aligned} $	$\{[48, 2\sqrt{6}]\}$
		$ \begin{aligned} &z^{96} + 336 z^{94} + 64872 z^{92} + 14476528 z^{90} + 2070094356 z^{88} \\ &+ 176258367696 z^{86} + 9760499805848 z^{84} + 373899508852464 z^{82} \\ &+ 10347691524415362 z^{80} + 213716972389501104 z^{78} \\ &+ 3377852931844612728 z^{76} + 41674809676533510672 z^{74} \\ &+ 407839348925682801348 z^{72} + 3207499620329463780528 z^{70} \\ &+ 20492358691533531411336 z^{68} \end{aligned} $	

$\{[96, 2, 89]\}$	$x^7 + x^5 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} &+107314007094783743866512 z^{66} \\ &+464089808968817601790191 z^{64} \\ &+1667745195806979514105632 z^{62} \\ &+5005882801992467509291920 z^{60} \\ &+12603716301084626785874784 z^{58} \\ &+26710183391570129058004776 z^{56} \\ &+47774311757600503729463328 z^{54} \\ &+72267484275975289085399664 z^{52} \\ &+92586168260494217676413280 z^{50} \\ &+100547922091970709397751580 z^{48} \\ &+92586168260494217676413280 z^{46} \\ &+72267484275975289085399664 z^{44} \\ &+47774311757600503729463328 z^{42} \\ &+26710183391570129058004776 z^{40} \\ &+12603716301084626785874784 z^{38} \\ &+5005882801992467509291920 z^{36} \\ &+1667745195806979514105632 z^{34} \\ &+464089808968817601790191 z^{32} \\ &+107314007094783743866512 z^{30} \\ &+20492358691533531411336 z^{28} + 3207499620329463780528 z^{26} \\ &+407839348925682801348 z^{24} + 41674809676533510672 z^{22} \\ &+3377852931844612728 z^{20} + 213716972389501104 z^{18} \\ &+10347691524415362 z^{16} + 373899508852464 z^{14} \\ &+9760499805848 z^{12} + 176258367696 z^{10} + 2070094356 z^8 \\ &+14476528 z^6 + 64872 z^4 + 336 z^2 + 1 \end{aligned} $	$\{[48, 2\sqrt{6}]\}$
		$ \begin{aligned} &z^{96} + 528 z^{94} + 125928 z^{92} + 17936688 z^{90} + 2130737940 z^{88} \\ &+ 176462023056 z^{86} + 9757839033368 z^{84} + 373888829303088 z^{82} \\ &+ 10347769167312258 z^{80} + 213717125122149360 z^{78} \\ &+ 3377851405627733496 z^{76} + 41674810297375274448 z^{74} \\ &+ 407839364005035573188 z^{72} + 3207499585450832753136 z^{70} \\ &+ 20492358655232532640776 z^{68} \end{aligned} $	

$\{[96, 2, 89]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$+107314007360188580055632 z^{66}$ $+464089808654189175752943 z^{64}$ $+1667745195337469421014688 z^{62}$ $+5005882803746282415547536 z^{60}$ $+12603716299674543436625376 z^{58}$ $+26710183389666754501574952 z^{56}$ $+47774311762711112589584288 z^{54}$ $+72267484272850988708331888 z^{52}$ $+92586168257031912951492576 z^{50}$ $+100547922099193031944407836 z^{48}$ $+92586168257031912951492576 z^{46}$ $+72267484272850988708331888 z^{44}$ $+47774311762711112589584288 z^{42}$ $+26710183389666754501574952 z^{40}$ $+12603716299674543436625376 z^{38}$ $+5005882803746282415547536 z^{36}$ $+1667745195337469421014688 z^{34}$ $+464089808654189175752943 z^{32}$ $+107314007360188580055632 z^{30}$ $+20492358655232532640776 z^{28} + 3207499585450832753136 z^{26}$ $+407839364005035573188 z^{24} + 41674810297375274448 z^{22}$ $+3377851405627733496 z^{20} + 213717125122149360 z^{18}$ $+10347769167312258 z^{16} + 373888829303088 z^{14}$ $+9757839033368 z^{12} + 176462023056 z^{10} + 2130737940 z^8$ $+17936688 z^6 + 125928 z^4 + 528 z^2 + 1$	$\{[48, 2\sqrt{6}]\}$
		$z^{96} + 336 z^{94} + 114024 z^{92} + 20571376 z^{90} + 2380833300 z^{88}$ $+184623448272 z^{86} + 9887125139096 z^{84} + 374944297527024 z^{82}$ $+10351425961844610 z^{80} + 213711882574465200 z^{78}$ $+3377774868061905528 z^{76} + 41674713415704097296 z^{74}$ $+407840026035258219204 z^{72} + 3207500985826634208432 z^{70}$ $+20492354762770451542920 z^{68}$	

$\{[96, 2, 89]\}$	$x^7 + x^6 + x + 1$	$ \begin{aligned} &+107313998653964552222352 z^{66} \\ &+464089826654257440735471 z^{64} \\ &+1667745226589769146236704 z^{62} \\ &+5005882740122102457281424 z^{60} \\ &+12603716232303546243036000 z^{58} \\ &+26710183550091117361299240 z^{56} \\ &+47774311845298745007775776 z^{54} \\ &+72267483993176549824205424 z^{52} \\ &+92586168217969886814624096 z^{50} \\ &+100547922435547773566895900 z^{48} \\ &+92586168217969886814624096 z^{46} \\ &+72267483993176549824205424 z^{44} \\ &+47774311845298745007775776 z^{42} \\ &+26710183550091117361299240 z^{40} \\ &+12603716232303546243036000 z^{38} \\ &+5005882740122102457281424 z^{36} \\ &+1667745226589769146236704 z^{34} \\ &+464089826654257440735471 z^{32} \\ &+107313998653964552222352 z^{30} \\ &+20492354762770451542920 z^{28} + 3207500985826634208432 z^{26} \\ &+407840026035258219204 z^{24} + 41674713415704097296 z^{22} \\ &+3377774868061905528 z^{20} + 213711882574465200 z^{18} \\ &+10351425961844610 z^{16} + 374944297527024 z^{14} \\ &+9887125139096 z^{12} + 184623448272 z^{10} + 2380833300 z^8 \\ &+20571376 z^6 + 114024 z^4 + 336 z^2 + 1 \end{aligned} $	$\{[48, 2\sqrt{6}]\}$
		$ \begin{aligned} &z^{98} + 637 z^{96} + 180908 z^{94} + 30221828 z^{92} + 3303038648 z^{90} \\ &+ 248975170080 z^{88} + 13337442521676 z^{86} \\ &+ 518231840684292 z^{84} + 14876003001394262 z^{82} \\ &+ 321735378090795942 z^{80} + 5346557788519047828 z^{78} \\ &+ 69498985262384896764 z^{76} + 717672023442761237760 z^{74} \\ &+ 5964498911338694106744 z^{72} + 40331420038623053900308 z^{70} \end{aligned} $	

$\{[98, 2, 91]\}$	$x^7 + 1$	$ \begin{aligned} &+223908513985259046217820 z^{68} \\ &+1028353419671801211544283 z^{66} \\ &+3931940531270519210084551 z^{64} \\ &+12582212067889380586928440 z^{62} \\ &+33844896084408913325656744 z^{60} \\ &+76801873955749891433667728 z^{58} \\ &+147448895440803739963084576 z^{56} \\ &+240033094759609790780270584 z^{54} \\ &+331871843157419312265678888 z^{52} \\ &+390125932580912008978792932 z^{50} \\ &+390125932580912008978792932 z^{48} \\ &+331871843157419312265678888 z^{46} \\ &+240033094759609790780270584 z^{44} \\ &+147448895440803739963084576 z^{42} \\ &+76801873955749891433667728 z^{40} \\ &+33844896084408913325656744 z^{38} \\ &+12582212067889380586928440 z^{36} \\ &+3931940531270519210084551 z^{34} \\ &+1028353419671801211544283 z^{32} \\ &+223908513985259046217820 z^{30} \\ &+40331420038623053900308 z^{28} + 5964498911338694106744 z^{26} \\ &+717672023442761237760 z^{24} + 69498985262384896764 z^{22} \\ &+5346557788519047828 z^{20} + 321735378090795942 z^{18} \\ &+14876003001394262 z^{16} + 518231840684292 z^{14} \\ &+13337442521676 z^{12} + 248975170080 z^{10} + 3303038648 z^8 \\ &+30221828 z^6 + 180908 z^4 + 637 z^2 + 1 \end{aligned} $	$ \left\{ \left[49, \frac{7\sqrt{2}}{2} \right] \right\} $
		$ \begin{aligned} &z^{98} + 294 z^{96} + 74235 z^{94} + 17000893 z^{92} + 2461033575 z^{90} \\ &+ 218794278885 z^{88} + 12692483414975 z^{86} \\ &+ 509797695808905 z^{84} + 14809562820920889 z^{82} \\ &+ 321454631020658709 z^{80} + 5346298950928291629 z^{78} \\ &+ 69501883987081451451 z^{76} + 717682496194947963225 z^{74} \end{aligned} $	

{[98, 2, 91]}	$x^7 + x^6 + x^5 + x^4 + x + 1$	$ \begin{aligned} &+5964493627048023801027 z^{72} + 40331337821650808644817 z^{70} \\ &+223908461681351440614215 z^{68} \\ &+1028353781869553333487048 z^{66} \\ &+3931940930350534664365985 z^{64} \\ &+12582210977141210063638798 z^{62} \\ &+33844894677616790892109986 z^{60} \\ &+76801876382290455036135334 z^{58} \\ &+147448898560690449240580594 z^{56} \\ &+240033090681100446993174870 z^{54} \\ &+331871838417479328785045754 z^{52} \\ &+390125937716245417366628130 z^{50} \\ &+390125937716245417366628130 z^{48} \\ &+331871838417479328785045754 z^{46} \\ &+240033090681100446993174870 z^{44} \\ &+147448898560690449240580594 z^{42} \\ &+76801876382290455036135334 z^{40} \\ &+33844894677616790892109986 z^{38} \\ &+12582210977141210063638798 z^{36} \\ &+3931940930350534664365985 z^{34} \\ &+1028353781869553333487048 z^{32} \\ &+223908461681351440614215 z^{30} \\ &+40331337821650808644817 z^{28} + 5964493627048023801027 z^{26} \\ &+717682496194947963225 z^{24} + 69501883987081451451 z^{22} \\ &+5346298950928291629 z^{20} + 321454631020658709 z^{18} \\ &+14809562820920889 z^{16} + 509797695808905 z^{14} \\ &+12692483414975 z^{12} + 218794278885 z^{10} + 2461033575 z^8 \\ &+17000893 z^6 + 74235 z^4 + 294 z^2 + 1 \end{aligned} $	$\left\{ \left[49, \frac{7\sqrt{2}}{2} \right] \right\}$
		$ \begin{aligned} &z^{98} + 294 z^{96} + 74235 z^{94} + 17000893 z^{92} + 2461033575 z^{90} \\ &+ 218794278885 z^{88} + 12692483414975 z^{86} \\ &+ 509797695808905 z^{84} + 14809562820920889 z^{82} \\ &+ 321454631020658709 z^{80} + 5346298950928291629 z^{78} \end{aligned} $	

{[98, 2, 91]}	$x^7 + x^6 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+69501883987081451451 z^{76} + 717682496194947963225 z^{74} \\ &+5964493627048023801027 z^{72} + 40331337821650808644817 z^{70} \\ &+223908461681351440614215 z^{68} \\ &+1028353781869553333487048 z^{66} \\ &+3931940930350534664365985 z^{64} \\ &+12582210977141210063638798 z^{62} \\ &+33844894677616790892109986 z^{60} \\ &+76801876382290455036135334 z^{58} \\ &+147448898560690449240580594 z^{56} \\ &+240033090681100446993174870 z^{54} \\ &+331871838417479328785045754 z^{52} \\ &+390125937716245417366628130 z^{50} \\ &+390125937716245417366628130 z^{48} \\ &+331871838417479328785045754 z^{46} \\ &+240033090681100446993174870 z^{44} \\ &+147448898560690449240580594 z^{42} \\ &+76801876382290455036135334 z^{40} \\ &+33844894677616790892109986 z^{38} \\ &+12582210977141210063638798 z^{36} \\ &+3931940930350534664365985 z^{34} \\ &+1028353781869553333487048 z^{32} \\ &+223908461681351440614215 z^{30} \\ &+40331337821650808644817 z^{28} + 5964493627048023801027 z^{26} \\ &+717682496194947963225 z^{24} + 69501883987081451451 z^{22} \\ &+5346298950928291629 z^{20} + 321454631020658709 z^{18} \\ &+14809562820920889 z^{16} + 509797695808905 z^{14} \\ &+12692483414975 z^{12} + 218794278885 z^{10} + 2461033575 z^8 \\ &+17000893 z^6 + 74235 z^4 + 294 z^2 + 1 \end{aligned} $	$\left\{ \left[49, \frac{7\sqrt{2}}{2} \right] \right\}$
		$ \begin{aligned} &3993 z^{96} + 1497375 z^{94} + 251582958 z^{92} + 27423294437 z^{90} \\ &+ 1972520885016 z^{88} + 96659026064271 z^{86} \\ &+ 3364542236616594 z^{84} + 86243764572774765 z^{82} \end{aligned} $	

{ [99, 2, 92] }	$x^7 + x^6 + x^4 + x^3 + x + 1$	$ \begin{aligned} &+1674950240008587762 z^{80} + 25203981907468532817 z^{78} \\ &+299160254479873505994 z^{76} + 2842022700430483896315 z^{74} \\ &+21869810168404099603944 z^{72} \\ &+137682842600656671605001 z^{70} \\ &+715062505906572988689558 z^{68} \\ &+3085061347828101972915819 z^{66} \\ &+11121775774912238808517695 z^{64} \\ &+33665915849808289352258646 z^{62} \\ &+85913963419708128255227820 z^{60} \\ &+185448433227315710772907026 z^{58} \\ &+339475371077564754909631920 z^{56} \\ &+528072799505787489502248150 z^{54} \\ &+699049191593107053650010708 z^{52} \\ &+788213629225757134524398274 z^{50} \\ &+757303290856795129235438364 z^{48} \\ &+619911547269168175672469346 z^{46} \\ &+432059563204545997165572468 z^{44} \\ &+256095455384526591369674358 z^{42} \\ &+128870945133491819324276496 z^{40} \\ &+54928599554874761645571378 z^{38} \\ &+19772045816123860926735948 z^{36} \\ &+5988648497154877179662454 z^{34} \\ &+1519507827283103752718151 z^{32} \\ &+321259965906411720857691 z^{30} \\ &+56236654281935171493702 z^{28} + 8088833934605787782265 z^{26} \\ &+947340860838268948920 z^{24} + 89359556236618658859 z^{22} \\ &+6699796007965707834 z^{20} + 392889557674467073 z^{18} \\ &+17664203821385682 z^{16} + 593731313851005 z^{14} \\ &+14448169550562 z^{12} + 244650170655 z^{10} + 2765533320 z^8 \\ &+20601141 z^6 + 111870 z^4 + 495 z^2 + 1 \end{aligned} $	$\left\{ \left[\frac{99}{2}, \frac{3\sqrt{11}}{2} \right] \right\}$
		$z^{100} + 200 z^{98} + 97225 z^{96} + 21784000 z^{94} + 3036633500 z^{92}$	

$\{[100, 2, 93]\}$

$x^7 + x^5 + x^2 + 1$

$$\begin{aligned} &+273063780000 z^{90} + 16438070367500 z^{88} \\ &+690499165800000 z^{86} + 21028624083496250 z^{84} \\ &+479129920272730000 z^{82} + 8374743982840228250 z^{80} \\ &+114563591539109000000 z^{78} + 1246501142796614217500 z^{76} \\ &+10930856086855800634400 z^{74} \\ &+78106464575074739032300 z^{72} \\ &+458942812029406733580480 z^{70} \\ &+2234570329476389338047575 z^{68} \\ &+9073709832515494696956600 z^{66} \\ &+30893821616277147426189375 z^{64} \\ &+88594515421119834628976000 z^{62} \\ &+214784908472022569340535800 z^{60} \\ &+441543888643334562716616000 z^{58} \\ &+771534934411642229909063000 z^{56} \\ &+1147984346624389821072784000 z^{54} \\ &+1456352482379976031888695500 z^{52} \\ &+1576427258675463210054502880 z^{50} \\ &+1456352482379976031888695500 z^{48} \\ &+1147984346624389821072784000 z^{46} \\ &+771534934411642229909063000 z^{44} \\ &+441543888643334562716616000 z^{42} \\ &+214784908472022569340535800 z^{40} \\ &+88594515421119834628976000 z^{38} \\ &+30893821616277147426189375 z^{36} \\ &+9073709832515494696956600 z^{34} \\ &+2234570329476389338047575 z^{32} \\ &+458942812029406733580480 z^{30} \\ &+78106464575074739032300 z^{28} \\ &+10930856086855800634400 z^{26} + 1246501142796614217500 z^{24} \\ &+114563591539109000000 z^{22} + 8374743982840228250 z^{20} \\ &+479129920272730000 z^{18} + 21028624083496250 z^{16} \end{aligned}$$

$\{[50, 5]\}$

		$+690499165800000 z^{14} + 16438070367500 z^{12}$ $+273063780000 z^{10} + 3036633500 z^8 + 21784000 z^6 + 97225 z^4$ $+200 z^2 + 1$	
$\{[104, 2, 97]\}$	$x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x$ $+1$	$z^{104} + 624 z^{102} + 176072 z^{100} + 29711760 z^{98} + 4159414805 z^{96}$ $+408783051040 z^{94} + 27005256037760 z^{92}$ $+1242374376486880 z^{90} + 41466199075826070 z^{88}$ $+1037466263591517760 z^{86} + 19957544609950867920 z^{84}$ $+301177541225186924480 z^{82} + 3623951753686742213190 z^{80}$ $+35235960882060523955552 z^{78}$ $+279930133073945084721536 z^{76}$ $+1834025015371310504564640 z^{74}$ $+9987301539751501487291315 z^{72}$ $+45503641224992192966600240 z^{70}$ $+174430624738417914063320760 z^{68}$ $+565224698638802974713840080 z^{66}$ $+1554367921167017676611346455 z^{64}$ $+3639495620446286118793154880 z^{62}$ $+7275143993919623091536564480 z^{60}$ $+12441550598062675513824370880 z^{58}$ $+18232165903297033686062659140 z^{56}$ $+22920437135566767615989441024 z^{54}$ $+24735403876773200428459781984 z^{52}$ $+22920437135566767615989441024 z^{50}$ $+18232165903297033686062659140 z^{48}$ $+12441550598062675513824370880 z^{46}$ $+7275143993919623091536564480 z^{44}$ $+3639495620446286118793154880 z^{42}$ $+1554367921167017676611346455 z^{40}$ $+565224698638802974713840080 z^{38}$ $+174430624738417914063320760 z^{36}$ $+45503641224992192966600240 z^{34}$	$\{[52, \sqrt{26}]\}$

		$+9987301539751501487291315 z^{32}$ $+1834025015371310504564640 z^{30}$ $+279930133073945084721536 z^{28}$ $+35235960882060523955552 z^{26} + 3623951753686742213190 z^{24}$ $+301177541225186924480 z^{22} + 19957544609950867920 z^{20}$ $+1037466263591517760 z^{18} + 41466199075826070 z^{16}$ $+1242374376486880 z^{14} + 27005256037760 z^{12}$ $+408783051040 z^{10} + 4159414805 z^8 + 29711760 z^6 + 176072 z^4$ $+624 z^2 + 1$	
$\{[105, 2, 98]\}$	$x^7 + 1$	$170859375 z^{98} + 36279140625 z^{96} + 3540844125000 z^{94}$ $+210995796375000 z^{92} + 8605054632037500 z^{90}$ $+255380743544062500 z^{88} + 5730092942596575000 z^{86}$ $+99783600939558725000 z^{84} + 1374971871169246008750 z^{82}$ $+15220735086123160571250 z^{80}$ $+137028743828209804643800 z^{78}$ $+1013539075894528968712200 z^{76}$ $+6212018892260395003192620 z^{74}$ $+31777782200900091254969140 z^{72}$ $+136510932630727944469002312 z^{70}$ $+495005813521062395962726680 z^{68}$ $+1521758770470220863509120465 z^{66}$ $+3980698364470474084423029135 z^{64}$ $+8887140552544653938707037520 z^{62}$ $+16975335933288975535492703728 z^{60}$ $+27794953314019514765579773560 z^{58}$ $+39068927010020834814418113480 z^{56}$ $+47189135474350537251924361840 z^{54}$ $+49004101937931308818292195280 z^{52}$ $+43757197979197069077277788228 z^{50}$ $+33585568836391340740904386300 z^{48}$ $+22141742725947502059726500400 z^{46}$	$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$

		$+12522788803834718196730496400 z^{44}$ $+6065825960484863069385135800 z^{42}$ $+2510902039869172267731645960 z^{40}$ $+885799930425498172643638800 z^{38}$ $+265437905475133743400756400 z^{36}$ $+67294108755277763492282625 z^{34}$ $+14365296018321560543949375 z^{32}$ $+2567636641199999996345320 z^{30}$ $+381723313604518721551800 z^{28}$ $+46832456474228224831500 z^{26} + 4697635358779348696340 z^{24}$ $+381002931803169855480 z^{22} + 24658348357830881064 z^{20}$ $+1253800195043587310 z^{18} + 49197208897828530 z^{16}$ $+1460750725344120 z^{14} + 32174907179240 z^{12}$ $+515892570396 z^{10} + 5895674820 z^8 + 46571560 z^6 + 241080 z^4$ $+735 z^2 + 1$	
		$1715 z^{102} + 1466325 z^{100} + 356008275 z^{98} + 46957218665 z^{96}$ $+3892854267540 z^{94} + 218152405639980 z^{92}$ $+8697005415290948 z^{90} + 256113980244986220 z^{88}$ $+5733358789605091470 z^{86} + 99787744365747656930 z^{84}$ $+1374941013856953951870 z^{82} + 15220597031120381064570 z^{80}$ $+137028736789310435971860 z^{78}$ $+1013540139350154312894060 z^{76}$ $+6212020209032238322156260 z^{74}$ $+31777777622015417643548940 z^{72}$ $+136510923701097068510959317 z^{70}$ $+495005826934056792162192195 z^{68}$ $+1521758803987668410802858885 z^{66}$ $+3980698334824739186344268415 z^{64}$ $+8887140468441052083021427560 z^{62}$ $+16975335985682903547458765592 z^{60}$ $+27794953464068768735817535560 z^{58}$	

{[105, 2, 98]}	$x^7 + x^3 + x + 1$	$ \begin{aligned} &+39068926935459442505391096600 z^{56} \\ &+47189135278915516205497087140 z^{54} \\ &+49004102020405397074294918140 z^{52} \\ &+43757198167718590193988399876 z^{50} \\ &+33585568769083246890547740300 z^{48} \\ &+22141742590018008572533101960 z^{46} \\ &+12522788841898010240773923960 z^{44} \\ &+6065826034016056206519975720 z^{42} \\ &+2510902026580612000024331832 z^{40} \\ &+885799900829449880137544205 z^{38} \\ &+265437907196202443592326955 z^{36} \\ &+67294117317468752133804045 z^{34} \\ &+14365296733297603233473655 z^{32} \\ &+2567635019689824341787012 z^{30} \\ &+381722909641594272921660 z^{28} \\ &+46832606241846974810100 z^{26} + 4697715132438849407740 z^{24} \\ &+381007751335791726510 z^{22} + 24653442583737906498 z^{20} \\ &+1252112854782836830 z^{18} + 48920649935688090 z^{16} \\ &+1433571415026660 z^{14} + 30494512336540 z^{12} \\ &+450757948788 z^{10} + 4355201340 z^8 + 25172875 z^6 + 82845 z^4 \\ &+315 z^2 + 1 \end{aligned} $	$ \left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\} $
		$ \begin{aligned} &z^{105} + 105 z^{103} + 59220 z^{101} + 510300 z^{100} + 14749560 z^{99} \\ &+ 161671545 z^{98} + 2278678500 z^{97} + 22950467505 z^{96} \\ &+ 227720276196 z^{95} + 1937630925720 z^{94} + 15274977525080 z^{93} \\ &+ 109005327877320 z^{92} + 716920186085160 z^{91} \\ &+ 4348373296443204 z^{90} + 24460069956947730 z^{89} \\ &+ 128058620430569220 z^{88} + 626051983099070850 z^{87} \\ &+ 2866686561943801800 z^{86} + 12326718057804482976 z^{85} \\ &+ 49893852634764965120 z^{84} + 190503944021644596840 z^{83} \\ &+ 687470390824712945730 z^{82} + 2348857635176620287860 z^{81} \\ &+ 7610298722791372632402 z^{80} + 23416302402374357618100 z^{79} \end{aligned} $	

$\{[105, 2, 98]\}$

$$x^7 + x^4 + x^3 + x + 1$$

$$\begin{aligned}
&+68514369458626951301960 z^{78} \\
&+190861454456581300126440 z^{77} \\
&+506770067598464028225720 z^{76} \\
&+1283817515140369138241144 z^{75} \\
&+3106010098858277169234900 z^{74} \\
&+7182648365369749145033055 z^{73} \\
&+15888888826125148835761620 z^{72} \\
&+33647058633476927469405015 z^{71} \\
&+68255461864898187630329304 z^{70} \\
&+132718953622836118333240340 z^{69} \\
&+247502913397837363140775740 z^{68} \\
&+442899950484347766312233520 z^{67} \\
&+760879402001881469419514535 z^{66} \\
&+1255451013161453159856785736 z^{65} \\
&+1990349167597501625463668175 z^{64} \\
&+3032913016929008233919060040 z^{63} \\
&+4443570234060835039392973680 z^{62} \\
&+6261394421291649239874864240 z^{61} \\
&+8487667992581446018336056784 z^{60} \\
&+11070871294910134547980857360 z^{59} \\
&+13897476732499253855850706440 z^{58} \\
&+16792784384052971005371717820 z^{57} \\
&+19534463467807556203913644680 z^{56} \\
&+21878599084319004887421757020 z^{55} \\
&+23594567638804059130073571920 z^{54} \\
&+24502051010507402309505625440 z^{53} \\
&+24502051010507402309505625440 z^{52} \\
&+23594567638804059130073571920 z^{51} \\
&+21878599084319004887421757020 z^{50} \\
&+19534463467807556203913644680 z^{49} \\
&+16792784384052971005371717820 z^{48}
\end{aligned}$$

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

		$+13897476732499253855850706440 z^{47}$ $+11070871294910134547980857360 z^{46}$ $+8487667992581446018336056784 z^{45}$ $+6261394421291649239874864240 z^{44}$ $+4443570234060835039392973680 z^{43}$ $+3032913016929008233919060040 z^{42}$ $+1990349167597501625463668175 z^{41}$ $+1255451013161453159856785736 z^{40}$ $+760879402001881469419514535 z^{39}$ $+442899950484347766312233520 z^{38}$ $+247502913397837363140775740 z^{37}$ $+132718953622836118333240340 z^{36}$ $+68255461864898187630329304 z^{35}$ $+33647058633476927469405015 z^{34}$ $+15888888826125148835761620 z^{33}$ $+7182648365369749145033055 z^{32}$ $+3106010098858277169234900 z^{31}$ $+1283817515140369138241144 z^{30}$ $+506770067598464028225720 z^{29}$ $+190861454456581300126440 z^{28}$ $+68514369458626951301960 z^{27}$ $+23416302402374357618100 z^{26} + 7610298722791372632402 z^{25}$ $+2348857635176620287860 z^{24} + 687470390824712945730 z^{23}$ $+190503944021644596840 z^{22} + 49893852634764965120 z^{21}$ $+12326718057804482976 z^{20} + 2866686561943801800 z^{19}$ $+626051983099070850 z^{18} + 128058620430569220 z^{17}$ $+24460069956947730 z^{16} + 4348373296443204 z^{15}$ $+716920186085160 z^{14} + 109005327877320 z^{13}$ $+15274977525080 z^{12} + 1937630925720 z^{11} + 227720276196 z^{10}$ $+22950467505 z^9 + 2278678500 z^8 + 161671545 z^7 + 14749560 z^6$ $+510300 z^5 + 59220 z^4 + 105 z^2 + 1$
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{ [105, 2, 98] }

$$x^7 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned}
& 3500 z^{102} + 1504125 z^{100} + 355532850 z^{98} + 46956130025 z^{96} \\
& + 3892883272320 z^{94} + 218152367036940 z^{92} \\
& + 8697004345403528 z^{90} + 256113986787148140 z^{88} \\
& + 5733358785908974920 z^{86} + 99787744235953924850 z^{84} \\
& + 1374941014608213538500 z^{82} + 15220597029174801371898 z^{80} \\
& + 137028736790220534346080 z^{78} \\
& + 1013540139362363179268940 z^{76} \\
& + 6212020208981456155531560 z^{74} \\
& + 31777777622118812708663820 z^{72} \\
& + 136510923701013131294665956 z^{70} \\
& + 495005826933881517222209115 z^{68} \\
& + 1521758803988456481681720270 z^{66} \\
& + 3980698334823184469730107775 z^{64} \\
& + 8887140468442894768745040000 z^{62} \\
& + 16975335985681969259846874840 z^{60} \\
& + 27794953464067520499033526800 z^{58} \\
& + 39068926935463163465689157400 z^{56} \\
& + 47189135278910550159395903280 z^{54} \\
& + 49004102020409533814957508060 z^{52} \\
& + 43757198167716780440587882296 z^{50} \\
& + 33585568769082741189135535500 z^{48} \\
& + 22141742590019623852756910400 z^{46} \\
& + 12522788841896586859505530680 z^{44} \\
& + 6065826034016712643380316560 z^{42} \\
& + 2510902026580562655145778232 z^{40} \\
& + 885799900829299009154417460 z^{38} \\
& + 265437907196297644260346755 z^{36} \\
& + 67294117317467281580391150 z^{34} \\
& + 14365296733262042565456375 z^{32} \\
& + 2567635019717720599847424 z^{30} \\
& + 381722909630405669040540 z^{28}
\end{aligned}$$

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

		$+46832606243721165750120 z^{26} + 4697715133006895308540 z^{24}$ $+381007750854276047880 z^{22} + 24653442735305994834 z^{20}$ $+1252112832211323460 z^{18} + 48920649466242330 z^{16}$ $+1433572231778400 z^{14} + 30494394639100 z^{12}$ $+450756957000 z^{10} + 4356733500 z^8 + 25133500 z^6 + 73605 z^4$ $+210 z^2 + 1$
		$z^{105} + 1470 z^{102} + 38325 z^{101} + 754845 z^{100} + 12557230 z^{99}$ $+ 177804480 z^{98} + 2178467340 z^{97} + 23477140505 z^{96}$ $+ 225376658976 z^{95} + 1946449294440 z^{94} + 15247218118860 z^{93}$ $+ 109076158251900 z^{92} + 716785970309640 z^{91}$ $+ 4348502078813984 z^{90} + 24460325375662890 z^{89}$ $+ 128056995039159900 z^{88} + 626056414538114560 z^{87}$ $+ 2866679382248852940 z^{86} + 12326721367367901186 z^{85}$ $+ 49893872163746972130 z^{84} + 190503875445827574540 z^{83}$ $+ 687470507161568551680 z^{82} + 2348857566433297367980 z^{81}$ $+ 7610298514919055947082 z^{80} + 23416303121914453729440 z^{79}$ $+ 68514368394534395607400 z^{78}$ $+ 190861454815912231866060 z^{77}$ $+ 506770069681968369768540 z^{76}$ $+ 1283817509854350927361864 z^{75}$ $+ 3106010104489397449737120 z^{74}$ $+ 7182648366647552087057895 z^{73}$ $+ 15888888811063947963685660 z^{72}$ $+ 33647058658688851470870720 z^{71}$ $+ 68255461850489652658968594 z^{70}$ $+ 132718953598244953328575235 z^{69}$ $+ 247502913466990299462027915 z^{68}$ $+ 442899950414482072974912450 z^{67}$ $+ 760879401994115356393132160 z^{66}$ $+ 1255451013290518142615188056 z^{65}$ $+ 1990349167411796943159543135 z^{64}$

$$\{[105, 2, 98]\}$$

$$x^7 + x^5 + x^3 + x^2 + 1$$

$$\begin{aligned}
&+3032913017008090865160142400 z^{63} \\
&+4443570234221149053439087440 z^{62} \\
&+6261394420948511138566959960 z^{61} \\
&+8487667992841329963264059704 z^{60} \\
&+11070871295009719940008095120 z^{59} \\
&+13897476732033458992287236160 z^{58} \\
&+16792784384541308501570687020 z^{57} \\
&+19534463467731744101959334520 z^{56} \\
&+21878599083858553151429126400 z^{55} \\
&+23594567639455291796433723880 z^{54} \\
&+24502051010204619415863098940 z^{53} \\
&+24502051010204619415863098940 z^{52} \\
&+23594567639455291796433723880 z^{51} \\
&+21878599083858553151429126400 z^{50} \\
&+19534463467731744101959334520 z^{49} \\
&+16792784384541308501570687020 z^{48} \\
&+13897476732033458992287236160 z^{47} \\
&+11070871295009719940008095120 z^{46} \\
&+8487667992841329963264059704 z^{45} \\
&+6261394420948511138566959960 z^{44} \\
&+4443570234221149053439087440 z^{43} \\
&+3032913017008090865160142400 z^{42} \\
&+1990349167411796943159543135 z^{41} \\
&+1255451013290518142615188056 z^{40} \\
&+760879401994115356393132160 z^{39} \\
&+442899950414482072974912450 z^{38} \\
&+247502913466990299462027915 z^{37} \\
&+132718953598244953328575235 z^{36} \\
&+68255461850489652658968594 z^{35} \\
&+33647058658688851470870720 z^{34} \\
&+15888888811063947963685660 z^{33}
\end{aligned}$$

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

		$+7182648366647552087057895 z^{32}$ $+3106010104489397449737120 z^{31}$ $+1283817509854350927361864 z^{30}$ $+506770069681968369768540 z^{29}$ $+190861454815912231866060 z^{28}$ $+68514368394534395607400 z^{27}$ $+23416303121914453729440 z^{26} + 7610298514919055947082 z^{25}$ $+2348857566433297367980 z^{24} + 687470507161568551680 z^{23}$ $+190503875445827574540 z^{22} + 49893872163746972130 z^{21}$ $+12326721367367901186 z^{20} + 2866679382248852940 z^{19}$ $+626056414538114560 z^{18} + 128056995039159900 z^{17}$ $+24460325375662890 z^{16} + 4348502078813984 z^{15}$ $+716785970309640 z^{14} + 109076158251900 z^{13}$ $+15247218118860 z^{12} + 1946449294440 z^{11} + 225376658976 z^{10}$ $+23477140505 z^9 + 2178467340 z^8 + 177804480 z^7 + 12557230 z^6$ $+754845 z^5 + 38325 z^4 + 1470 z^3 + 1$	
		$z^{105} + 1470 z^{102} + 38325 z^{101} + 754845 z^{100} + 12557230 z^{99}$ $+ 177804480 z^{98} + 2178467340 z^{97} + 23477140505 z^{96}$ $+ 225376658976 z^{95} + 1946449294440 z^{94} + 15247218118860 z^{93}$ $+ 109076158251900 z^{92} + 716785970309640 z^{91}$ $+ 4348502078813984 z^{90} + 24460325375662890 z^{89}$ $+ 128056995039159900 z^{88} + 626056414538114560 z^{87}$ $+ 2866679382248852940 z^{86} + 12326721367367901186 z^{85}$ $+ 49893872163746972130 z^{84} + 190503875445827574540 z^{83}$ $+ 687470507161568551680 z^{82} + 2348857566433297367980 z^{81}$ $+ 7610298514919055947082 z^{80} + 23416303121914453729440 z^{79}$ $+ 68514368394534395607400 z^{78}$ $+ 190861454815912231866060 z^{77}$ $+ 506770069681968369768540 z^{76}$ $+ 1283817509854350927361864 z^{75}$ $+ 3106010104489397449737120 z^{74}$	

$\{[105, 2, 98]\}$

$$x^7 + x^5 + x^4 + x^2 + 1$$

$$\begin{aligned}
&+7182648366647552087057895 z^{73} \\
&+15888888811063947963685660 z^{72} \\
&+33647058658688851470870720 z^{71} \\
&+68255461850489652658968594 z^{70} \\
&+132718953598244953328575235 z^{69} \\
&+247502913466990299462027915 z^{68} \\
&+442899950414482072974912450 z^{67} \\
&+760879401994115356393132160 z^{66} \\
&+1255451013290518142615188056 z^{65} \\
&+1990349167411796943159543135 z^{64} \\
&+3032913017008090865160142400 z^{63} \\
&+4443570234221149053439087440 z^{62} \\
&+6261394420948511138566959960 z^{61} \\
&+8487667992841329963264059704 z^{60} \\
&+11070871295009719940008095120 z^{59} \\
&+13897476732033458992287236160 z^{58} \\
&+16792784384541308501570687020 z^{57} \\
&+19534463467731744101959334520 z^{56} \\
&+21878599083858553151429126400 z^{55} \\
&+23594567639455291796433723880 z^{54} \\
&+24502051010204619415863098940 z^{53} \\
&+24502051010204619415863098940 z^{52} \\
&+23594567639455291796433723880 z^{51} \\
&+21878599083858553151429126400 z^{50} \\
&+19534463467731744101959334520 z^{49} \\
&+16792784384541308501570687020 z^{48} \\
&+13897476732033458992287236160 z^{47} \\
&+11070871295009719940008095120 z^{46} \\
&+8487667992841329963264059704 z^{45} \\
&+6261394420948511138566959960 z^{44} \\
&+4443570234221149053439087440 z^{43}
\end{aligned}$$

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

		$+3032913017008090865160142400 z^{42}$ $+1990349167411796943159543135 z^{41}$ $+1255451013290518142615188056 z^{40}$ $+760879401994115356393132160 z^{39}$ $+442899950414482072974912450 z^{38}$ $+247502913466990299462027915 z^{37}$ $+132718953598244953328575235 z^{36}$ $+68255461850489652658968594 z^{35}$ $+33647058658688851470870720 z^{34}$ $+15888888811063947963685660 z^{33}$ $+7182648366647552087057895 z^{32}$ $+3106010104489397449737120 z^{31}$ $+1283817509854350927361864 z^{30}$ $+506770069681968369768540 z^{29}$ $+190861454815912231866060 z^{28}$ $+68514368394534395607400 z^{27}$ $+23416303121914453729440 z^{26} + 7610298514919055947082 z^{25}$ $+2348857566433297367980 z^{24} + 687470507161568551680 z^{23}$ $+190503875445827574540 z^{22} + 49893872163746972130 z^{21}$ $+12326721367367901186 z^{20} + 2866679382248852940 z^{19}$ $+626056414538114560 z^{18} + 128056995039159900 z^{17}$ $+24460325375662890 z^{16} + 4348502078813984 z^{15}$ $+716785970309640 z^{14} + 109076158251900 z^{13}$ $+15247218118860 z^{12} + 1946449294440 z^{11} + 225376658976 z^{10}$ $+23477140505 z^9 + 2178467340 z^8 + 177804480 z^7 + 12557230 z^6$ $+754845 z^5 + 38325 z^4 + 1470 z^3 + 1$	
		$3500 z^{102} + 1504125 z^{100} + 355532850 z^{98} + 46956130025 z^{96}$ $+ 3892883272320 z^{94} + 218152367036940 z^{92}$ $+ 8697004345403528 z^{90} + 256113986787148140 z^{88}$ $+ 5733358785908974920 z^{86} + 99787744235953924850 z^{84}$ $+ 1374941014608213538500 z^{82} + 15220597029174801371898 z^{80}$	

$\{[105, 2, 98]\}$ $x^7 + x^6 + x^5 + x^4 + x^3 + 1$
$$\begin{aligned} &+137028736790220534346080 z^{78} \\ &+1013540139362363179268940 z^{76} \\ &+6212020208981456155531560 z^{74} \\ &+31777777622118812708663820 z^{72} \\ &+136510923701013131294665956 z^{70} \\ &+495005826933881517222209115 z^{68} \\ &+1521758803988456481681720270 z^{66} \\ &+3980698334823184469730107775 z^{64} \\ &+8887140468442894768745040000 z^{62} \\ &+16975335985681969259846874840 z^{60} \\ &+27794953464067520499033526800 z^{58} \\ &+39068926935463163465689157400 z^{56} \\ &+47189135278910550159395903280 z^{54} \\ &+49004102020409533814957508060 z^{52} \\ &+43757198167716780440587882296 z^{50} \\ &+33585568769082741189135535500 z^{48} \\ &+22141742590019623852756910400 z^{46} \\ &+12522788841896586859505530680 z^{44} \\ &+6065826034016712643380316560 z^{42} \\ &+2510902026580562655145778232 z^{40} \\ &+885799900829299009154417460 z^{38} \\ &+265437907196297644260346755 z^{36} \\ &+67294117317467281580391150 z^{34} \\ &+14365296733262042565456375 z^{32} \\ &+2567635019717720599847424 z^{30} \\ &+381722909630405669040540 z^{28} \\ &+46832606243721165750120 z^{26} + 4697715133006895308540 z^{24} \\ &+381007750854276047880 z^{22} + 24653442735305994834 z^{20} \\ &+1252112832211323460 z^{18} + 48920649466242330 z^{16} \\ &+1433572231778400 z^{14} + 30494394639100 z^{12} \\ &+450756957000 z^{10} + 4356733500 z^8 + 25133500 z^6 + 73605 z^4 \end{aligned}$$
 $\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$

		$+210 z^2 + 1$	
		$z^{105} + 1470 z^{102} + 38325 z^{101} + 754845 z^{100} + 12557230 z^{99}$ $+ 177804480 z^{98} + 2178467340 z^{97} + 23477140505 z^{96}$ $+ 225376658976 z^{95} + 1946449294440 z^{94} + 15247218118860 z^{93}$ $+ 109076158251900 z^{92} + 716785970309640 z^{91}$ $+ 4348502078813984 z^{90} + 24460325375662890 z^{89}$ $+ 128056995039159900 z^{88} + 626056414538114560 z^{87}$ $+ 2866679382248852940 z^{86} + 12326721367367901186 z^{85}$ $+ 49893872163746972130 z^{84} + 190503875445827574540 z^{83}$ $+ 687470507161568551680 z^{82} + 2348857566433297367980 z^{81}$ $+ 7610298514919055947082 z^{80} + 23416303121914453729440 z^{79}$ $+ 68514368394534395607400 z^{78}$ $+ 190861454815912231866060 z^{77}$ $+ 506770069681968369768540 z^{76}$ $+ 1283817509854350927361864 z^{75}$ $+ 3106010104489397449737120 z^{74}$ $+ 7182648366647552087057895 z^{73}$ $+ 15888888811063947963685660 z^{72}$ $+ 33647058658688851470870720 z^{71}$ $+ 68255461850489652658968594 z^{70}$ $+ 132718953598244953328575235 z^{69}$ $+ 247502913466990299462027915 z^{68}$ $+ 442899950414482072974912450 z^{67}$ $+ 760879401994115356393132160 z^{66}$ $+ 1255451013290518142615188056 z^{65}$ $+ 1990349167411796943159543135 z^{64}$ $+ 3032913017008090865160142400 z^{63}$ $+ 4443570234221149053439087440 z^{62}$ $+ 6261394420948511138566959960 z^{61}$ $+ 8487667992841329963264059704 z^{60}$ $+ 11070871295009719940008095120 z^{59}$	

$\{[105, 2, 98]\}$ $x^7 + x^6 + x^5 + x + 1$

+13897476732033458992287236160 z^{58}
+16792784384541308501570687020 z^{57}
+19534463467731744101959334520 z^{56}
+21878599083858553151429126400 z^{55}
+23594567639455291796433723880 z^{54}
+24502051010204619415863098940 z^{53}
+24502051010204619415863098940 z^{52}
+23594567639455291796433723880 z^{51}
+21878599083858553151429126400 z^{50}
+19534463467731744101959334520 z^{49}
+16792784384541308501570687020 z^{48}
+13897476732033458992287236160 z^{47}
+11070871295009719940008095120 z^{46}
+8487667992841329963264059704 z^{45}
+6261394420948511138566959960 z^{44}
+4443570234221149053439087440 z^{43}
+3032913017008090865160142400 z^{42}
+1990349167411796943159543135 z^{41}
+1255451013290518142615188056 z^{40}
+760879401994115356393132160 z^{39}
+442899950414482072974912450 z^{38}
+247502913466990299462027915 z^{37}
+132718953598244953328575235 z^{36}
+68255461850489652658968594 z^{35}
+33647058658688851470870720 z^{34}
+15888888811063947963685660 z^{33}
+7182648366647552087057895 z^{32}
+3106010104489397449737120 z^{31}
+1283817509854350927361864 z^{30}
+506770069681968369768540 z^{29}
+190861454815912231866060 z^{28}

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

		$ \begin{aligned} &+68514368394534395607400 z^{27} \\ &+23416303121914453729440 z^{26}+7610298514919055947082 z^{25} \\ &+2348857566433297367980 z^{24}+687470507161568551680 z^{23} \\ &+190503875445827574540 z^{22}+49893872163746972130 z^{21} \\ &+12326721367367901186 z^{20}+2866679382248852940 z^{19} \\ &+626056414538114560 z^{18}+128056995039159900 z^{17} \\ &+24460325375662890 z^{16}+4348502078813984 z^{15} \\ &+716785970309640 z^{14}+109076158251900 z^{13} \\ &+15247218118860 z^{12}+1946449294440 z^{11}+225376658976 z^{10} \\ &+23477140505 z^9+2178467340 z^8+177804480 z^7+12557230 z^6 \\ &+754845 z^5+38325 z^4+1470 z^3+1 \end{aligned} $	
$\{[105, 2, 98]\}$	$x^7+x^6+x^5+x^2+x+1$	$ \begin{aligned} &1008420 z^{100}+323450715 z^{98}+45901513665 z^{96}+3875248862520 z^{94} \\ &+218010739590840 z^{92}+8696746261455868 z^{90} \\ &+256117242427716180 z^{88}+5733373112598103560 z^{86} \\ &+99787705339808567200 z^{84}+1374940781337671678550 z^{82} \\ &+15220597446576298598850 z^{80} \\ &+137028738914899309264360 z^{78} \\ &+1013540135201419674180360 z^{76} \\ &+6212020197707808864802380 z^{74} \\ &+31777777652273284838829700 z^{72} \\ &+136510923729727032616264152 z^{70} \\ &+495005826795857376525906660 z^{68} \\ &+1521758804003379719922172245 z^{66} \\ &+3980698335195632111091531375 z^{64} \\ &+8887140468120876507361406640 z^{62} \\ &+16975335985163621713707075632 z^{60} \\ &+27794953464998109768142550520 z^{58} \\ &+39068926935615060794589925800 z^{56} \\ &+47189135277608479207872493520 z^{54} \\ &+49004102021014439272491487200 z^{52} \\ &+43757198168638136652295829556 z^{50} \end{aligned} $	$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$

		$ \begin{aligned} &+33585568768106077114212080540 z^{48} \\ &+22141742589820028334704181840 z^{46} \\ &+12522788842583474262210858000 z^{44} \\ &+6065826033857967649305730680 z^{42} \\ &+2510902026322871021090041512 z^{40} \\ &+885799900968745333772535600 z^{38} \\ &+265437907245645177534779820 z^{36} \\ &+67294117266958179672088245 z^{34} \\ &+14365296730744166672434095 z^{32} \\ &+2567635030276524586907032 z^{30} \\ &+381722908914787538553240 z^{28} \\ &+46832604804592150714380 z^{26} + 4697715270172799886340 z^{24} \\ &+381007888160530455720 z^{22} + 24653436077984450688 z^{20} \\ &+1252103973120019670 z^{18} + 48920139397743810 z^{16} \\ &+1433840310363720 z^{14} + 30549970559080 z^{12} \\ &+455440351548 z^{10} + 4557173460 z^8 + 29506680 z^6 + 118860 z^4 \\ &+ 315 z^2 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{105} + 105 z^{103} + 59220 z^{101} + 510300 z^{100} + 14749560 z^{99} \\ &+ 161671545 z^{98} + 2278678500 z^{97} + 22950467505 z^{96} \\ &+ 227720276196 z^{95} + 1937630925720 z^{94} + 15274977525080 z^{93} \\ &+ 109005327877320 z^{92} + 716920186085160 z^{91} \\ &+ 4348373296443204 z^{90} + 24460069956947730 z^{89} \\ &+ 128058620430569220 z^{88} + 626051983099070850 z^{87} \\ &+ 2866686561943801800 z^{86} + 12326718057804482976 z^{85} \\ &+ 49893852634764965120 z^{84} + 190503944021644596840 z^{83} \\ &+ 687470390824712945730 z^{82} + 2348857635176620287860 z^{81} \\ &+ 7610298722791372632402 z^{80} + 23416302402374357618100 z^{79} \\ &+ 68514369458626951301960 z^{78} \\ &+ 190861454456581300126440 z^{77} \\ &+ 506770067598464028225720 z^{76} \\ &+ 1283817515140369138241144 z^{75} \end{aligned} $	

$\{[105, 2, 98]\}$

$$x^7 + x^6 + x^4 + x^3 + 1$$

$$\begin{aligned}
&+3106010098858277169234900 z^{74} \\
&+7182648365369749145033055 z^{73} \\
&+15888888826125148835761620 z^{72} \\
&+33647058633476927469405015 z^{71} \\
&+68255461864898187630329304 z^{70} \\
&+132718953622836118333240340 z^{69} \\
&+247502913397837363140775740 z^{68} \\
&+442899950484347766312233520 z^{67} \\
&+760879402001881469419514535 z^{66} \\
&+1255451013161453159856785736 z^{65} \\
&+1990349167597501625463668175 z^{64} \\
&+3032913016929008233919060040 z^{63} \\
&+4443570234060835039392973680 z^{62} \\
&+6261394421291649239874864240 z^{61} \\
&+8487667992581446018336056784 z^{60} \\
&+11070871294910134547980857360 z^{59} \\
&+13897476732499253855850706440 z^{58} \\
&+16792784384052971005371717820 z^{57} \\
&+19534463467807556203913644680 z^{56} \\
&+21878599084319004887421757020 z^{55} \\
&+23594567638804059130073571920 z^{54} \\
&+24502051010507402309505625440 z^{53} \\
&+24502051010507402309505625440 z^{52} \\
&+23594567638804059130073571920 z^{51} \\
&+21878599084319004887421757020 z^{50} \\
&+19534463467807556203913644680 z^{49} \\
&+16792784384052971005371717820 z^{48} \\
&+13897476732499253855850706440 z^{47} \\
&+11070871294910134547980857360 z^{46} \\
&+8487667992581446018336056784 z^{45} \\
&+6261394421291649239874864240 z^{44}
\end{aligned}$$

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

		$+4443570234060835039392973680 z^{43}$ $+3032913016929008233919060040 z^{42}$ $+1990349167597501625463668175 z^{41}$ $+1255451013161453159856785736 z^{40}$ $+760879402001881469419514535 z^{39}$ $+442899950484347766312233520 z^{38}$ $+247502913397837363140775740 z^{37}$ $+132718953622836118333240340 z^{36}$ $+68255461864898187630329304 z^{35}$ $+33647058633476927469405015 z^{34}$ $+15888888826125148835761620 z^{33}$ $+7182648365369749145033055 z^{32}$ $+3106010098858277169234900 z^{31}$ $+1283817515140369138241144 z^{30}$ $+506770067598464028225720 z^{29}$ $+190861454456581300126440 z^{28}$ $+68514369458626951301960 z^{27}$ $+23416302402374357618100 z^{26} + 7610298722791372632402 z^{25}$ $+2348857635176620287860 z^{24} + 687470390824712945730 z^{23}$ $+190503944021644596840 z^{22} + 49893852634764965120 z^{21}$ $+12326718057804482976 z^{20} + 2866686561943801800 z^{19}$ $+626051983099070850 z^{18} + 128058620430569220 z^{17}$ $+24460069956947730 z^{16} + 4348373296443204 z^{15}$ $+716920186085160 z^{14} + 109005327877320 z^{13}$ $+15274977525080 z^{12} + 1937630925720 z^{11} + 227720276196 z^{10}$ $+22950467505 z^9 + 2278678500 z^8 + 161671545 z^7 + 14749560 z^6$ $+510300 z^5 + 59220 z^4 + 105 z^2 + 1$	
		$1715 z^{102} + 1466325 z^{100} + 356008275 z^{98} + 46957218665 z^{96}$ $+3892854267540 z^{94} + 218152405639980 z^{92}$ $+8697005415290948 z^{90} + 256113980244986220 z^{88}$ $+5733358789605091470 z^{86} + 99787744365747656930 z^{84}$	

{[105, 2, 98]}

$$x^7 + x^6 + x^4 + 1$$

$$\begin{aligned} &+1374941013856953951870 z^{82} + 15220597031120381064570 z^{80} \\ &+137028736789310435971860 z^{78} \\ &+1013540139350154312894060 z^{76} \\ &+6212020209032238322156260 z^{74} \\ &+31777777622015417643548940 z^{72} \\ &+136510923701097068510959317 z^{70} \\ &+495005826934056792162192195 z^{68} \\ &+1521758803987668410802858885 z^{66} \\ &+3980698334824739186344268415 z^{64} \\ &+8887140468441052083021427560 z^{62} \\ &+16975335985682903547458765592 z^{60} \\ &+27794953464068768735817535560 z^{58} \\ &+39068926935459442505391096600 z^{56} \\ &+47189135278915516205497087140 z^{54} \\ &+49004102020405397074294918140 z^{52} \\ &+43757198167718590193988399876 z^{50} \\ &+33585568769083246890547740300 z^{48} \\ &+22141742590018008572533101960 z^{46} \\ &+12522788841898010240773923960 z^{44} \\ &+6065826034016056206519975720 z^{42} \\ &+2510902026580612000024331832 z^{40} \\ &+885799900829449880137544205 z^{38} \\ &+265437907196202443592326955 z^{36} \\ &+67294117317468752133804045 z^{34} \\ &+14365296733297603233473655 z^{32} \\ &+2567635019689824341787012 z^{30} \\ &+381722909641594272921660 z^{28} \\ &+46832606241846974810100 z^{26} + 4697715132438849407740 z^{24} \\ &+381007751335791726510 z^{22} + 24653442583737906498 z^{20} \\ &+1252112854782836830 z^{18} + 48920649935688090 z^{16} \\ &+1433571415026660 z^{14} + 30494512336540 z^{12} \end{aligned}$$

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

		$+450757948788 z^{10} + 4355201340 z^8 + 25172875 z^6 + 82845 z^4$ $+ 315 z^2 + 1$	
		$z^{105} + 1470 z^{102} + 38325 z^{101} + 754845 z^{100} + 12557230 z^{99}$ $+ 177804480 z^{98} + 2178467340 z^{97} + 23477140505 z^{96}$ $+ 225376658976 z^{95} + 1946449294440 z^{94} + 15247218118860 z^{93}$ $+ 109076158251900 z^{92} + 716785970309640 z^{91}$ $+ 4348502078813984 z^{90} + 24460325375662890 z^{89}$ $+ 128056995039159900 z^{88} + 626056414538114560 z^{87}$ $+ 2866679382248852940 z^{86} + 12326721367367901186 z^{85}$ $+ 49893872163746972130 z^{84} + 190503875445827574540 z^{83}$ $+ 687470507161568551680 z^{82} + 2348857566433297367980 z^{81}$ $+ 7610298514919055947082 z^{80} + 23416303121914453729440 z^{79}$ $+ 68514368394534395607400 z^{78}$ $+ 190861454815912231866060 z^{77}$ $+ 506770069681968369768540 z^{76}$ $+ 1283817509854350927361864 z^{75}$ $+ 3106010104489397449737120 z^{74}$ $+ 7182648366647552087057895 z^{73}$ $+ 15888888811063947963685660 z^{72}$ $+ 33647058658688851470870720 z^{71}$ $+ 68255461850489652658968594 z^{70}$ $+ 132718953598244953328575235 z^{69}$ $+ 247502913466990299462027915 z^{68}$ $+ 442899950414482072974912450 z^{67}$ $+ 760879401994115356393132160 z^{66}$ $+ 1255451013290518142615188056 z^{65}$ $+ 1990349167411796943159543135 z^{64}$ $+ 3032913017008090865160142400 z^{63}$ $+ 4443570234221149053439087440 z^{62}$ $+ 6261394420948511138566959960 z^{61}$ $+ 8487667992841329963264059704 z^{60}$	

$\{[105, 2, 98]\}$

$$x^7 + x^6 + x^2 + x + 1$$

$$\begin{aligned} &+ 11070871295009719940008095120 z^{59} \\ &+ 13897476732033458992287236160 z^{58} \\ &+ 16792784384541308501570687020 z^{57} \\ &+ 19534463467731744101959334520 z^{56} \\ &+ 21878599083858553151429126400 z^{55} \\ &+ 23594567639455291796433723880 z^{54} \\ &+ 24502051010204619415863098940 z^{53} \\ &+ 24502051010204619415863098940 z^{52} \\ &+ 23594567639455291796433723880 z^{51} \\ &+ 21878599083858553151429126400 z^{50} \\ &+ 19534463467731744101959334520 z^{49} \\ &+ 16792784384541308501570687020 z^{48} \\ &+ 13897476732033458992287236160 z^{47} \\ &+ 11070871295009719940008095120 z^{46} \\ &+ 8487667992841329963264059704 z^{45} \\ &+ 6261394420948511138566959960 z^{44} \\ &+ 4443570234221149053439087440 z^{43} \\ &+ 3032913017008090865160142400 z^{42} \\ &+ 1990349167411796943159543135 z^{41} \\ &+ 1255451013290518142615188056 z^{40} \\ &+ 760879401994115356393132160 z^{39} \\ &+ 442899950414482072974912450 z^{38} \\ &+ 247502913466990299462027915 z^{37} \\ &+ 132718953598244953328575235 z^{36} \\ &+ 68255461850489652658968594 z^{35} \\ &+ 33647058658688851470870720 z^{34} \\ &+ 15888888811063947963685660 z^{33} \\ &+ 7182648366647552087057895 z^{32} \\ &+ 3106010104489397449737120 z^{31} \\ &+ 1283817509854350927361864 z^{30} \\ &+ 506770069681968369768540 z^{29} \end{aligned}$$

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

		$+190861454815912231866060 z^{28}$ $+68514368394534395607400 z^{27}$ $+23416303121914453729440 z^{26} + 7610298514919055947082 z^{25}$ $+2348857566433297367980 z^{24} + 687470507161568551680 z^{23}$ $+190503875445827574540 z^{22} + 49893872163746972130 z^{21}$ $+12326721367367901186 z^{20} + 2866679382248852940 z^{19}$ $+626056414538114560 z^{18} + 128056995039159900 z^{17}$ $+24460325375662890 z^{16} + 4348502078813984 z^{15}$ $+716785970309640 z^{14} + 109076158251900 z^{13}$ $+15247218118860 z^{12} + 1946449294440 z^{11} + 225376658976 z^{10}$ $+23477140505 z^9 + 2178467340 z^8 + 177804480 z^7 + 12557230 z^6$ $+754845 z^5 + 38325 z^4 + 1470 z^3 + 1$	
		$z^{108} + 432 z^{106} + 106731 z^{104} + 30022200 z^{102} + 5496138063 z^{100}$ $+ 605047785264 z^{98} + 43572648449421 z^{96}$ $+ 2183402955823200 z^{94} + 79530533011741806 z^{92}$ $+ 2175913805598789984 z^{90} + 45865971210209071194 z^{88}$ $+ 760064671420660650096 z^{86} + 10065349174410789513930 z^{84}$ $+ 107962483732201103404896 z^{82}$ $+ 948527535805261935832638 z^{80}$ $+ 6890452903416287734197984 z^{78}$ $+ 41717802558693629134907595 z^{76}$ $+ 211935360593046963708173520 z^{74}$ $+ 908630807872611348786045369 z^{72}$ $+ 3303642026922635532400925256 z^{70}$ $+ 10228583967967035757012680621 z^{68}$ $+ 27062385922213144278079688784 z^{66}$ $+ 61362386684107650359603619975 z^{64}$ $+ 119523257541185494964432197824 z^{62}$ $+ 200370992917035669193940631156 z^{60}$ $+ 289515638745423071135153932608 z^{58}$ $+ 360912029295741389565876021564 z^{56}$	

{ [108, 2, 101] }	$x^7 + x^5 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} &+388402882680297032102705706528 z^{54} \\ &+360912029295741389565876021564 z^{52} \\ &+289515638745423071135153932608 z^{50} \\ &+200370992917035669193940631156 z^{48} \\ &+119523257541185494964432197824 z^{46} \\ &+61362386684107650359603619975 z^{44} \\ &+27062385922213144278079688784 z^{42} \\ &+10228583967967035757012680621 z^{40} \\ &+3303642026922635532400925256 z^{38} \\ &+908630807872611348786045369 z^{36} \\ &+211935360593046963708173520 z^{34} \\ &+41717802558693629134907595 z^{32} \\ &+6890452903416287734197984 z^{30} \\ &+948527535805261935832638 z^{28} \\ &+107962483732201103404896 z^{26} \\ &+10065349174410789513930 z^{24} + 760064671420660650096 z^{22} \\ &+45865971210209071194 z^{20} + 2175913805598789984 z^{18} \\ &+79530533011741806 z^{16} + 2183402955823200 z^{14} \\ &+43572648449421 z^{12} + 605047785264 z^{10} + 5496138063 z^8 \\ &+30022200 z^6 + 106731 z^4 + 432 z^2 + 1 \end{aligned} $	{ [54, 3 $\sqrt{3}$] }
		$ \begin{aligned} &z^{108} + 594 z^{106} + 161271 z^{104} + 35468172 z^{102} + 5706449595 z^{100} \\ &+ 608822859546 z^{98} + 43600643288541 z^{96} \\ &+ 2183390034682032 z^{94} + 79529415357126654 z^{92} \\ &+ 2175912180089465772 z^{90} + 45865994846128915986 z^{88} \\ &+ 760064697696414364056 z^{86} + 10065348833589898144002 z^{84} \\ &+ 107962483720891495318668 z^{82} \\ &+ 948527538948927104499342 z^{80} \\ &+ 6890452899963300986596848 z^{78} \\ &+ 41717802542764937503829211 z^{76} \\ &+ 211935360630964719624982326 z^{74} \\ &+ 908630807898605916719735757 z^{72} \end{aligned} $	

$\{[108, 2, 101]\}$	$x^7 + x^6 + x^4 + x^3 + x + 1$	$ \begin{aligned} &+3303642026745068248438670772 z^{70} \\ &+10228583968090564354642789281 z^{68} \\ &+27062385922571618923541493534 z^{66} \\ &+61362386683419387093682186791 z^{64} \\ &+119523257541158325397232353632 z^{62} \\ &+200370992918287118045955667092 z^{60} \\ &+289515638744310523049989451784 z^{58} \\ &+360912029295038406415381438668 z^{56} \\ &+388402882682152451882546530896 z^{54} \\ &+360912029295038406415381438668 z^{52} \\ &+289515638744310523049989451784 z^{50} \\ &+200370992918287118045955667092 z^{48} \\ &+119523257541158325397232353632 z^{46} \\ &+61362386683419387093682186791 z^{44} \\ &+27062385922571618923541493534 z^{42} \\ &+10228583968090564354642789281 z^{40} \\ &+3303642026745068248438670772 z^{38} \\ &+908630807898605916719735757 z^{36} \\ &+211935360630964719624982326 z^{34} \\ &+41717802542764937503829211 z^{32} \\ &+6890452899963300986596848 z^{30} \\ &+948527538948927104499342 z^{28} \\ &+107962483720891495318668 z^{26} \\ &+10065348833589898144002 z^{24} + 760064697696414364056 z^{22} \\ &+45865994846128915986 z^{20} + 2175912180089465772 z^{18} \\ &+79529415357126654 z^{16} + 2183390034682032 z^{14} \\ &+43600643288541 z^{12} + 608822859546 z^{10} + 5706449595 z^8 \\ &+35468172 z^6 + 161271 z^4 + 594 z^2 + 1 \end{aligned} $	$\{[54, 3\sqrt{3}]\}$
		$ \begin{aligned} &z^{108} + 432 z^{106} + 185463 z^{104} + 42881760 z^{102} + 6371926587 z^{100} \\ &+ 637279103088 z^{98} + 44267942875869 z^{96} \\ &+ 2192313092538240 z^{94} + 79594826902913790 z^{92} \end{aligned} $	

$\{[108, 2, 101]\}$ $x^7 + x^6 + x + 1$
$$\begin{aligned} &+2176107215892625440 z^{90} + 45865489544793921042 z^{88} \\ &+760059694212640238016 z^{86} + 10065344208460916155650 z^{84} \\ &+107962531734326228942112 z^{82} \\ &+948527633121819994203534 z^{80} \\ &+6890452603718926758740352 z^{78} \\ &+41717801818932334827263451 z^{76} \\ &+211935362057375383332095760 z^{74} \\ &+908630811271292879459754573 z^{72} \\ &+3303642021033230635734978336 z^{70} \\ &+10228583957753666616829093665 z^{68} \\ &+27062385940890539403446454480 z^{66} \\ &+61362386704077102628098763815 z^{64} \\ &+119523257497124309856886324992 z^{62} \\ &+200370992893598017091646542484 z^{60} \\ &+289515638819989503003835650240 z^{58} \\ &+360912029306675482070381688012 z^{56} \\ &+388402882591288086066734688384 z^{54} \\ &+360912029306675482070381688012 z^{52} \\ &+289515638819989503003835650240 z^{50} \\ &+200370992893598017091646542484 z^{48} \\ &+119523257497124309856886324992 z^{46} \\ &+61362386704077102628098763815 z^{44} \\ &+27062385940890539403446454480 z^{42} \\ &+10228583957753666616829093665 z^{40} \\ &+3303642021033230635734978336 z^{38} \\ &+908630811271292879459754573 z^{36} \\ &+211935362057375383332095760 z^{34} \\ &+41717801818932334827263451 z^{32} \\ &+6890452603718926758740352 z^{30} \\ &+948527633121819994203534 z^{28} \\ &+107962531734326228942112 z^{26} \end{aligned}$$
 $\{[54, 3\sqrt{3}]\}$

		$+10065344208460916155650 z^{24} + 760059694212640238016 z^{22}$ $+45865489544793921042 z^{20} + 2176107215892625440 z^{18}$ $+79594826902913790 z^{16} + 2192313092538240 z^{14}$ $+44267942875869 z^{12} + 637279103088 z^{10} + 6371926587 z^8$ $+42881760 z^6 + 185463 z^4 + 432 z^2 + 1$	
$\{[112, 2, 105]\}$	$x^7 + 1$	$z^{112} + 840 z^{110} + 315140 z^{108} + 69708856 z^{106} + 10119450810 z^{104}$ $+ 1017362988376 z^{102} + 73082486037204 z^{100}$ $+ 3833491113827880 z^{98} + 149697157987769595 z^{96}$ $+ 4439705861749964400 z^{94} + 101988160078685311704 z^{92}$ $+ 1847525177078249910416 z^{90} + 26808008148353372931620 z^{88}$ $+ 315759106805624551930896 z^{86}$ $+ 3053189354775710712930200 z^{84}$ $+ 24467648547692142943298288 z^{82}$ $+ 163824657348100390374508041 z^{80}$ $+ 922791106113373762499615640 z^{78}$ $+ 4398637685089797227487297868 z^{76}$ $+ 17832315726352274917232888040 z^{74}$ $+ 61750108913735780512307501798 z^{72}$ $+ 183313910058452663407252921992 z^{70}$ $+ 467973669702976506852693603420 z^{68}$ $+ 1029994225946415840916530651640 z^{66}$ $+ 1958632640430646248654034259195 z^{64}$ $+ 3223349710739016338111177834400 z^{62}$ $+ 4596798111466922647911245245968 z^{60}$ $+ 5685767062989843491244380619360 z^{58}$ $+ 6102969457739266580861255924856 z^{56}$ $+ 5685767062989843491244380619360 z^{54}$ $+ 4596798111466922647911245245968 z^{52}$ $+ 3223349710739016338111177834400 z^{50}$ $+ 1958632640430646248654034259195 z^{48}$ $+ 1029994225946415840916530651640 z^{46}$	$\{[56, 2\sqrt{7}]\}$

		$+467973669702976506852693603420 z^{44}$ $+183313910058452663407252921992 z^{42}$ $+61750108913735780512307501798 z^{40}$ $+17832315726352274917232888040 z^{38}$ $+4398637685089797227487297868 z^{36}$ $+922791106113373762499615640 z^{34}$ $+163824657348100390374508041 z^{32}$ $+24467648547692142943298288 z^{30}$ $+3053189354775710712930200 z^{28}$ $+315759106805624551930896 z^{26}$ $+26808008148353372931620 z^{24} + 1847525177078249910416 z^{22}$ $+101988160078685311704 z^{20} + 4439705861749964400 z^{18}$ $+149697157987769595 z^{16} + 3833491113827880 z^{14}$ $+73082486037204 z^{12} + 1017362988376 z^{10} + 10119450810 z^8$ $+69708856 z^6 + 315140 z^4 + 840 z^2 + 1$	
		$z^{112} + 168 z^{110} + 117572 z^{108} + 38802904 z^{106} + 7469875770 z^{104}$ $+ 884714632312 z^{102} + 69014095435796 z^{100}$ $+ 3754040935756296 z^{98} + 148692255607878395 z^{96}$ $+ 4431613898497792944 z^{94} + 101950426148967142488 z^{92}$ $+ 1847465285043353343312 z^{90} + 26808328013358164834596 z^{88}$ $+ 315760860243003816536784 z^{86}$ $+ 3053190326764897638407448 z^{84}$ $+ 24467635588127415132546608 z^{82}$ $+ 163824632642004685957235721 z^{80}$ $+ 922791157099936265990223032 z^{78}$ $+ 4398637848866492732098272780 z^{76}$ $+ 17832315603583002770404486344 z^{74}$ $+ 61750108262996872619721544038 z^{72}$ $+ 183313910244213079058078189032 z^{70}$ $+ 467973671501186591574577468956 z^{68}$ $+ 1029994225776891459104601222040 z^{66}$	

$\{[112, 2, 105]\}$	$x^7 + x^5 + x^4 + x^3 + x + 1$	$ \begin{aligned} &+1958632636783252665690564262139 z^{64} \\ &+3223349710821311365157826980640 z^{62} \\ &+4596798117014867704397957936912 z^{60} \\ &+5685767062974369330931725648608 z^{58} \\ &+6102969451362573857978629424760 z^{56} \\ &+5685767062974369330931725648608 z^{54} \\ &+4596798117014867704397957936912 z^{52} \\ &+3223349710821311365157826980640 z^{50} \\ &+1958632636783252665690564262139 z^{48} \\ &+1029994225776891459104601222040 z^{46} \\ &+467973671501186591574577468956 z^{44} \\ &+183313910244213079058078189032 z^{42} \\ &+61750108262996872619721544038 z^{40} \\ &+17832315603583002770404486344 z^{38} \\ &+4398637848866492732098272780 z^{36} \\ &+922791157099936265990223032 z^{34} \\ &+163824632642004685957235721 z^{32} \\ &+24467635588127415132546608 z^{30} \\ &+3053190326764897638407448 z^{28} \\ &+315760860243003816536784 z^{26} \\ &+26808328013358164834596 z^{24} + 1847465285043353343312 z^{22} \\ &+101950426148967142488 z^{20} + 4431613898497792944 z^{18} \\ &+148692255607878395 z^{16} + 3754040935756296 z^{14} \\ &+69014095435796 z^{12} + 884714632312 z^{10} + 7469875770 z^8 \\ &+38802904 z^6 + 117572 z^4 + 168 z^2 + 1 \end{aligned} $	$\{[56, 2\sqrt{7}]\}$
		$ \begin{aligned} &z^{112} + 728 z^{110} + 239876 z^{108} + 47325096 z^{106} + 7712018874 z^{104} \\ &+ 887313041160 z^{102} + 69013862671572 z^{100} \\ &+ 3753892771803000 z^{98} + 148692093849432315 z^{96} \\ &+ 4431618519535356240 z^{94} + 101950425684009936600 z^{92} \\ &+ 1847465198143184583600 z^{90} + 26808328168194393851940 z^{88} \\ &+ 315760861026633375518256 z^{86} \end{aligned} $	

$\{[112, 2, 105]\}$

$$x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned}
&+3053190323700012082803608 z^{84} \\
&+24467635587450972223424208 z^{82} \\
&+163824632664862689935165961 z^{80} \\
&+922791157061189886178784712 z^{78} \\
&+4398637848822041357798012748 z^{76} \\
&+17832315603825775208747430840 z^{74} \\
&+61750108262754833975159015910 z^{72} \\
&+183313910243835925627798632600 z^{70} \\
&+467973671502409833359920634460 z^{68} \\
&+1029994225776022715594715911400 z^{66} \\
&+1958632636781955049912847955195 z^{64} \\
&+3223349710824486805679543104224 z^{62} \\
&+4596798117013035077698341160464 z^{60} \\
&+5685767062972235736529681244960 z^{58} \\
&+6102969451366920944744444450936 z^{56} \\
&+5685767062972235736529681244960 z^{54} \\
&+4596798117013035077698341160464 z^{52} \\
&+3223349710824486805679543104224 z^{50} \\
&+1958632636781955049912847955195 z^{48} \\
&+1029994225776022715594715911400 z^{46} \\
&+467973671502409833359920634460 z^{44} \\
&+183313910243835925627798632600 z^{42} \\
&+61750108262754833975159015910 z^{40} \\
&+17832315603825775208747430840 z^{38} \\
&+4398637848822041357798012748 z^{36} \\
&+922791157061189886178784712 z^{34} \\
&+163824632664862689935165961 z^{32} \\
&+24467635587450972223424208 z^{30} \\
&+3053190323700012082803608 z^{28} \\
&+315760861026633375518256 z^{26} \\
&+26808328168194393851940 z^{24} + 1847465198143184583600 z^{22}
\end{aligned}$$

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

		$+101950425684009936600 z^{20} + 4431618519535356240 z^{18}$ $+148692093849432315 z^{16} + 3753892771803000 z^{14}$ $+69013862671572 z^{12} + 887313041160 z^{10} + 7712018874 z^8$ $+47325096 z^6 + 239876 z^4 + 728 z^2 + 1$	
$\{[112, 2, 105]\}$	$x^7 + x^6 + x^5 + x^4 + x + 1$	$z^{112} + 392 z^{110} + 129668 z^{108} + 38854648 z^{106} + 7445935546 z^{104}$ $+ 884198717976 z^{102} + 69012727583828 z^{100}$ $+ 3754071592602472 z^{98} + 148692329383891195 z^{96}$ $+ 4431612795214672368 z^{94} + 101950426201198094296 z^{92}$ $+ 1847465305745104730384 z^{90} + 26808327968391075229732 z^{88}$ $+ 315760860095267806634128 z^{86}$ $+ 3053190327520217954794648 z^{84}$ $+ 24467635587687278283741808 z^{82}$ $+ 163824632637962040916716041 z^{80}$ $+ 922791157110375480163093592 z^{78}$ $+ 4398637848864997251696800716 z^{76}$ $+ 17832315603546790275518422568 z^{74}$ $+ 61750108263059541389200205286 z^{72}$ $+ 183313910244217659859863527624 z^{70}$ $+ 467973671501034211102485671132 z^{68}$ $+ 1029994225777079974299883535800 z^{66}$ $+ 1958632636783287684968542385403 z^{64}$ $+ 3223349710820999604107031190688 z^{62}$ $+ 4596798117015119028424020978704 z^{60}$ $+ 5685767062974514337510416436576 z^{58}$ $+ 6102969451362190250070973417592 z^{56}$ $+ 5685767062974514337510416436576 z^{54}$ $+ 4596798117015119028424020978704 z^{52}$ $+ 3223349710820999604107031190688 z^{50}$ $+ 1958632636783287684968542385403 z^{48}$ $+ 1029994225777079974299883535800 z^{46}$ $+ 467973671501034211102485671132 z^{44}$	$\{[56, 2\sqrt{7}]\}$

		$+183313910244217659859863527624 z^{42}$ $+61750108263059541389200205286 z^{40}$ $+17832315603546790275518422568 z^{38}$ $+4398637848864997251696800716 z^{36}$ $+922791157110375480163093592 z^{34}$ $+163824632637962040916716041 z^{32}$ $+24467635587687278283741808 z^{30}$ $+3053190327520217954794648 z^{28}$ $+315760860095267806634128 z^{26}$ $+26808327968391075229732 z^{24} + 1847465305745104730384 z^{22}$ $+101950426201198094296 z^{20} + 4431612795214672368 z^{18}$ $+148692329383891195 z^{16} + 3754071592602472 z^{14}$ $+69012727583828 z^{12} + 884198717976 z^{10} + 7445935546 z^8$ $+38854648 z^6 + 129668 z^4 + 392 z^2 + 1$	
		$z^{112} + 168 z^{110} + 117572 z^{108} + 38802904 z^{106} + 7469875770 z^{104}$ $+ 884714632312 z^{102} + 69014095435796 z^{100}$ $+ 3754040935756296 z^{98} + 148692255607878395 z^{96}$ $+ 4431613898497792944 z^{94} + 101950426148967142488 z^{92}$ $+ 1847465285043353343312 z^{90} + 26808328013358164834596 z^{88}$ $+ 315760860243003816536784 z^{86}$ $+ 3053190326764897638407448 z^{84}$ $+ 24467635588127415132546608 z^{82}$ $+ 163824632642004685957235721 z^{80}$ $+ 922791157099936265990223032 z^{78}$ $+ 4398637848866492732098272780 z^{76}$ $+ 17832315603583002770404486344 z^{74}$ $+ 61750108262996872619721544038 z^{72}$ $+ 183313910244213079058078189032 z^{70}$ $+ 467973671501186591574577468956 z^{68}$ $+ 1029994225776891459104601222040 z^{66}$ $+ 1958632636783252665690564262139 z^{64}$	

$\{[112, 2, 105]\}$	$x^7 + x^6 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} &+3223349710821311365157826980640 z^{62} \\ &+4596798117014867704397957936912 z^{60} \\ &+5685767062974369330931725648608 z^{58} \\ &+6102969451362573857978629424760 z^{56} \\ &+5685767062974369330931725648608 z^{54} \\ &+4596798117014867704397957936912 z^{52} \\ &+3223349710821311365157826980640 z^{50} \\ &+1958632636783252665690564262139 z^{48} \\ &+1029994225776891459104601222040 z^{46} \\ &+467973671501186591574577468956 z^{44} \\ &+183313910244213079058078189032 z^{42} \\ &+61750108262996872619721544038 z^{40} \\ &+17832315603583002770404486344 z^{38} \\ &+4398637848866492732098272780 z^{36} \\ &+922791157099936265990223032 z^{34} \\ &+163824632642004685957235721 z^{32} \\ &+24467635588127415132546608 z^{30} \\ &+3053190326764897638407448 z^{28} \\ &+315760860243003816536784 z^{26} \\ &+26808328013358164834596 z^{24} + 1847465285043353343312 z^{22} \\ &+101950426148967142488 z^{20} + 4431613898497792944 z^{18} \\ &+148692255607878395 z^{16} + 3754040935756296 z^{14} \\ &+69014095435796 z^{12} + 884714632312 z^{10} + 7469875770 z^8 \\ &+38802904 z^6 + 117572 z^4 + 168 z^2 + 1 \end{aligned} $	$\{[56, 2\sqrt{7}]\}$
		$ \begin{aligned} &z^{112} + 392 z^{110} + 129668 z^{108} + 38854648 z^{106} + 7445935546 z^{104} \\ &+ 884198717976 z^{102} + 69012727583828 z^{100} \\ &+ 3754071592602472 z^{98} + 148692329383891195 z^{96} \\ &+ 4431612795214672368 z^{94} + 101950426201198094296 z^{92} \\ &+ 1847465305745104730384 z^{90} + 26808327968391075229732 z^{88} \\ &+ 315760860095267806634128 z^{86} \\ &+ 3053190327520217954794648 z^{84} \end{aligned} $	

$\{[112, 2, 105]\}$ $x^7 + x^6 + x^3 + x^2 + x + 1$
$$\begin{aligned} &+24467635587687278283741808 z^{82} \\ &+163824632637962040916716041 z^{80} \\ &+922791157110375480163093592 z^{78} \\ &+4398637848864997251696800716 z^{76} \\ &+17832315603546790275518422568 z^{74} \\ &+61750108263059541389200205286 z^{72} \\ &+183313910244217659859863527624 z^{70} \\ &+467973671501034211102485671132 z^{68} \\ &+1029994225777079974299883535800 z^{66} \\ &+1958632636783287684968542385403 z^{64} \\ &+3223349710820999604107031190688 z^{62} \\ &+4596798117015119028424020978704 z^{60} \\ &+5685767062974514337510416436576 z^{58} \\ &+6102969451362190250070973417592 z^{56} \\ &+5685767062974514337510416436576 z^{54} \\ &+4596798117015119028424020978704 z^{52} \\ &+3223349710820999604107031190688 z^{50} \\ &+1958632636783287684968542385403 z^{48} \\ &+1029994225777079974299883535800 z^{46} \\ &+467973671501034211102485671132 z^{44} \\ &+183313910244217659859863527624 z^{42} \\ &+61750108263059541389200205286 z^{40} \\ &+17832315603546790275518422568 z^{38} \\ &+4398637848864997251696800716 z^{36} \\ &+922791157110375480163093592 z^{34} \\ &+163824632637962040916716041 z^{32} \\ &+24467635587687278283741808 z^{30} \\ &+3053190327520217954794648 z^{28} \\ &+315760860095267806634128 z^{26} \\ &+26808327968391075229732 z^{24} + 1847465305745104730384 z^{22} \\ &+101950426201198094296 z^{20} + 4431612795214672368 z^{18} \end{aligned}$$
 $\{[56, 2\sqrt{7}]\}$

		$+148692329383891195 z^{16} + 3754071592602472 z^{14}$ $+69012727583828 z^{12} + 884198717976 z^{10} + 7445935546 z^8$ $+38854648 z^6 + 129668 z^4 + 392 z^2 + 1$	
$\{[117, 2, 110]\}$	$x^7 + x^6 + x^4 + x^3 + x + 1$	$6591 z^{114} + 3519594 z^{112} + 844880517 z^{110} + 131373896953 z^{108}$ $+ 13594565312523 z^{106} + 967484481670161 z^{104}$ $+ 49337435195847747 z^{102} + 1868653843582843863 z^{100}$ $+ 54092923541389488600 z^{98} + 1224303769194348726585 z^{96}$ $+ 22066498472856111624870 z^{94}$ $+ 321508874164372665208542 z^{92}$ $+ 3834291063568184327364802 z^{90}$ $+ 37823487023204300104577982 z^{88}$ $+ 311372705698844449861835010 z^{86}$ $+ 2155430377483813972262868186 z^{84}$ $+ 12628286213685713628014470617 z^{82}$ $+ 62970778550157029525131067052 z^{80}$ $+ 268539352515122944848543372087 z^{78}$ $+ 983443506845949491629291098003 z^{76}$ $+ 3103891466795619263387223767505 z^{74}$ $+ 8468293789671832883120148542475 z^{72}$ $+ 20023088738601551303436272447625 z^{70}$ $+ 41118842945398894115789420808165 z^{68}$ $+ 73465666062352443118922426273790 z^{66}$ $+ 114356933021580038473134110900175 z^{64}$ $+ 155248199980941809377285525705284 z^{62}$ $+ 183943825917176347204516166379924 z^{60}$ $+ 190286716465977224179295197036620 z^{58}$ $+ 171881935693168343411021910426900 z^{56}$ $+ 135534142840461209817189063201420 z^{54}$ $+ 93244883848340953357544320459548 z^{52}$ $+ 55921626405712195260048622642833 z^{50}$ $+ 29200337743826607170942660886810 z^{48}$	$\left\{ \left[\frac{117}{2}, \frac{3\sqrt{13}}{2} \right] \right\}$

		$+13254720714269321585199423207075 z^{46}$ $+5220181103232306279870451217295 z^{44}$ $+1779564440964888027206006078205 z^{42}$ $+523651737407678517593071489815 z^{40}$ $+132570060102971903742831489573 z^{38}$ $+28764429708835800534101925937 z^{36}$ $+5325180933205630995375507084 z^{34}$ $+836814146475443050246141719 z^{32}$ $+110948895186509286990433974 z^{30}$ $+12324507010995579702837678 z^{28}$ $+1137646793290116839537106 z^{26}$ $+86427116730961430391630 z^{24} + 5342415828964890138450 z^{22}$ $+265055458304961807210 z^{20} + 10381451441229921975 z^{18}$ $+314524417542953904 z^{16} + 7185452775077889 z^{14}$ $+119865969761733 z^{12} + 1403926626375 z^{10} + 11088001197 z^8$ $+58373679 z^6 + 225459 z^4 + 702 z^2 + 1$	
		$410338673 z^{112} + 114894828440 z^{110} + 14832922351604 z^{108}$ $+ 1173374924926344 z^{106} + 63793854113798858 z^{104}$ $+ 2536062127610173064 z^{102} + 76635178329957090788 z^{100}$ $+ 1808073528200604359640 z^{98} + 33974817950566806482715 z^{96}$ $+ 516432831917323416920272 z^{94}$ $+ 6431115160059334180893688 z^{92}$ $+ 66306814286479176060631792 z^{90}$ $+ 571093833511964674528983940 z^{88}$ $+ 4140430974450516916935332400 z^{86}$ $+ 25434078935708150950231745784 z^{84}$ $+ 133127926826235646983149533712 z^{82}$ $+ 596650250880938550621219132889 z^{80}$ $+ 2299286323251134696523886454536 z^{78}$ $+ 7646463852628631168632121611676 z^{76}$ $+ 22012547495262371224854045956440 z^{74}$	

<div data-bbox="178 414 388 454">{[119, 2, 112]}</div>	<div data-bbox="413 414 489 454">x^7+1</div>	<div data-bbox="814 97 1677 1445"> $\begin{aligned} &+55000823971234879989060418138390 z^{72} \\ &+119542607099394595778740543510040 z^{70} \\ &+226427761783372505803771998093196 z^{68} \\ &+374312366905097922029153141435656 z^{66} \\ &+540673418742810857450042402728891 z^{64} \\ &+682955897118440730127617639904224 z^{62} \\ &+754803975243458025652255230484176 z^{60} \\ &+730056304164372834456145508761248 z^{58} \\ &+617912478561743168015203989095608 z^{56} \\ &+457492892597105224494032220081952 z^{54} \\ &+296097842329934159835799191285328 z^{52} \\ &+167359650121108736839524790278752 z^{50} \\ &+82501235964765756109410302294795 z^{48} \\ &+35411489360813337239937357358120 z^{46} \\ &+13207528463253282176160878200556 z^{44} \\ &+4270103203566317859769497918392 z^{42} \\ &+1193300508197913045904312033366 z^{40} \\ &+287276044536980030755623956024 z^{38} \\ &+59346181441915063702084014524 z^{36} \\ &+10472856045597359404584907880 z^{34} \\ &+1570508764224641218220069673 z^{32} \\ &+198920407061699795556451920 z^{30} \\ &+21130704934738030173911992 z^{28} \\ &+1867081244865536825511792 z^{26} \\ &+135902502072901331010180 z^{24} \\ &+8056798252443242306480 z^{22}+383835045098318817080 z^{20} \\ &+14466502746292955792 z^{18}+423666163267935147 z^{16} \\ &+9453331197257272 z^{14}+157509787090180 z^{12} \\ &+1921492210792 z^{10}+16785535242 z^8+101722152 z^6+405076 z^4 \\ &+952 z^2+1 \end{aligned}$ </div> <div data-bbox="753 1453 1558 1502"> $z^{120}+60 z^{118}+129690 z^{116}+57051180 z^{114}+13129387155 z^{112}$ </div>	<div data-bbox="1696 389 1948 479"> $\left\{ \left[\frac{119}{2}, \frac{\sqrt{119}}{2} \right] \right\}$ </div>
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$\{[120, 2, 113]\}$

$x^7 + x^2 + x + 1$

$$\begin{aligned}
&+1813562265480 z^{110} + 164732206554580 z^{108} \\
&+10459588156305480 z^{106} + 485063410853286765 z^{104} \\
&+16980389678496400260 z^{102} + 460347301461599196606 z^{100} \\
&+9864585030354613053300 z^{98} \\
&+169878161776459273894575 z^{96} \\
&+2383521285219562797135120 z^{94} \\
&+27561829464844103290882440 z^{92} \\
&+265227168137426525952311824 z^{90} \\
&+2141602436271318740613162045 z^{88} \\
&+14613287212203352980912739260 z^{86} \\
&+84780261524769311106810765610 z^{84} \\
&+420403971088680432699682423020 z^{82} \\
&+1789950753827584106101523071479 z^{80} \\
&+6569389526242914345101821638840 z^{78} \\
&+20853992333306029380426057261420 z^{76} \\
&+57424036859828141352593459297400 z^{74} \\
&+137502059892194951517467216702025 z^{72} \\
&+286902257211796039715586918544740 z^{70} \\
&+522525604197954485130691771805310 z^{68} \\
&+831805259512886118383333405491860 z^{66} \\
&+1158585897178663034551536440628435 z^{64} \\
&+1413012201277788429925052178240480 z^{62} \\
&+1509607950630677036058747059187312 z^{60} \\
&+1413012201277788429925052178240480 z^{58} \\
&+1158585897178663034551536440628435 z^{56} \\
&+831805259512886118383333405491860 z^{54} \\
&+522525604197954485130691771805310 z^{52} \\
&+286902257211796039715586918544740 z^{50} \\
&+137502059892194951517467216702025 z^{48} \\
&+57424036859828141352593459297400 z^{46} \\
&+20853992333306029380426057261420 z^{44}
\end{aligned}$$

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

		$+6569389526242914345101821638840 z^{42}$ $+1789950753827584106101523071479 z^{40}$ $+420403971088680432699682423020 z^{38}$ $+84780261524769311106810765610 z^{36}$ $+14613287212203352980912739260 z^{34}$ $+2141602436271318740613162045 z^{32}$ $+265227168137426525952311824 z^{30}$ $+27561829464844103290882440 z^{28}$ $+2383521285219562797135120 z^{26}$ $+169878161776459273894575 z^{24}$ $+9864585030354613053300 z^{22} + 460347301461599196606 z^{20}$ $+16980389678496400260 z^{18} + 485063410853286765 z^{16}$ $+10459588156305480 z^{14} + 164732206554580 z^{12}$ $+1813562265480 z^{10} + 13129387155 z^8 + 57051180 z^6 + 129690 z^4$ $+60 z^2 + 1$	
		$z^{120} + 420 z^{118} + 144810 z^{116} + 57258420 z^{114} + 13126164435 z^{112}$ $+ 1813541306424 z^{110} + 164732623157620 z^{108}$ $+ 10459587275646840 z^{106} + 485063392979283885 z^{104}$ $+ 16980389840857571100 z^{102} + 460347300919727867502 z^{100}$ $+ 9864585030089980470060 z^{98}$ $+ 169878161786437588392495 z^{96}$ $+ 2383521285177485472386160 z^{94}$ $+ 27561829464911789811424200 z^{92}$ $+ 265227168137558671793397616 z^{90}$ $+ 2141602436270247389856735165 z^{88}$ $+ 14613287212206342454200148260 z^{86}$ $+ 84780261524765390317002702010 z^{84}$ $+ 420403971088678190175874931700 z^{82}$ $+ 1789950753827606436148849991607 z^{80}$ $+ 6569389526242864459546874035080 z^{78}$ $+ 20853992333306077527966915346380 z^{76}$	

$\{[120, 2, 113]\}$	$x^7 + x^3 + x + 1$	$ \begin{aligned} &+57424036859828184108901640462280 z^{74} \\ &+137502059892194700637854138905865 z^{72} \\ &+286902257211796536967037546959164 z^{70} \\ &+522525604197953896973918487275310 z^{68} \\ &+831805259512886458919204321246220 z^{66} \\ &+1158585897178663262452308474094035 z^{64} \\ &+1413012201277787598430062577078560 z^{62} \\ &+1509607950630678127204869469672944 z^{60} \\ &+1413012201277787598430062577078560 z^{58} \\ &+1158585897178663262452308474094035 z^{56} \\ &+831805259512886458919204321246220 z^{54} \\ &+522525604197953896973918487275310 z^{52} \\ &+286902257211796536967037546959164 z^{50} \\ &+137502059892194700637854138905865 z^{48} \\ &+57424036859828184108901640462280 z^{46} \\ &+20853992333306077527966915346380 z^{44} \\ &+6569389526242864459546874035080 z^{42} \\ &+1789950753827606436148849991607 z^{40} \\ &+420403971088678190175874931700 z^{38} \\ &+84780261524765390317002702010 z^{36} \\ &+14613287212206342454200148260 z^{34} \\ &+2141602436270247389856735165 z^{32} \\ &+265227168137558671793397616 z^{30} \\ &+27561829464911789811424200 z^{28} \\ &+2383521285177485472386160 z^{26} \\ &+169878161786437588392495 z^{24} \\ &+9864585030089980470060 z^{22} + 460347300919727867502 z^{20} \\ &+16980389840857571100 z^{18} + 485063392979283885 z^{16} \\ &+10459587275646840 z^{14} + 164732623157620 z^{12} \\ &+1813541306424 z^{10} + 13126164435 z^8 + 57258420 z^6 + 144810 z^4 \\ &+420 z^2 + 1 \end{aligned} $	$\{[60, \sqrt{30}]\}$
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$\{[120, 2, 113]\}$

$$x^7 + x^4 + x^3 + 1$$

$$\begin{aligned} & z^{120} + 240 z^{118} + 158970 z^{116} + 59351600 z^{114} + 13207792275 z^{112} \\ & + 1814711268000 z^{110} + 164736085284500 z^{108} \\ & + 10459530027396000 z^{106} + 485063104906793325 z^{104} \\ & + 16980391644328448400 z^{102} + 460347309001045087710 z^{100} \\ & + 9864584978330341602000 z^{98} \\ & + 169878161719741420275375 z^{96} \\ & + 2383521286075098706977600 z^{94} \\ & + 27561829463947127460904200 z^{92} \\ & + 265227168130546614412377920 z^{90} \\ & + 2141602436292122342998667325 z^{88} \\ & + 14613287212212923653765897200 z^{86} \\ & + 84780261524624201173267026570 z^{84} \\ & + 420403971088896133383225173040 z^{82} \\ & + 1789950753827854179100585976823 z^{80} \\ & + 6569389526241616478158254326880 z^{78} \\ & + 20853992333307249782206438151340 z^{76} \\ & + 57424036859829998807908394344800 z^{74} \\ & + 137502059892189131294618143665225 z^{72} \\ & + 286902257211800126425368936120336 z^{70} \\ & + 522525604197960210260239871314590 z^{68} \\ & + 831805259512872131541722699274320 z^{66} \\ & + 1158585897178671044081671407402195 z^{64} \\ & + 1413012201277797695386832226195840 z^{62} \\ & + 1509607950630658188510718803930992 z^{60} \\ & + 1413012201277797695386832226195840 z^{58} \\ & + 1158585897178671044081671407402195 z^{56} \\ & + 831805259512872131541722699274320 z^{54} \\ & + 522525604197960210260239871314590 z^{52} \\ & + 286902257211800126425368936120336 z^{50} \\ & + 137502059892189131294618143665225 z^{48} \\ & + 57424036859829998807908394344800 z^{46} \end{aligned}$$

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

		$+20853992333307249782206438151340 z^{44}$ $+6569389526241616478158254326880 z^{42}$ $+1789950753827854179100585976823 z^{40}$ $+420403971088896133383225173040 z^{38}$ $+84780261524624201173267026570 z^{36}$ $+14613287212212923653765897200 z^{34}$ $+2141602436292122342998667325 z^{32}$ $+265227168130546614412377920 z^{30}$ $+27561829463947127460904200 z^{28}$ $+2383521286075098706977600 z^{26}$ $+169878161719741420275375 z^{24}$ $+9864584978330341602000 z^{22} + 460347309001045087710 z^{20}$ $+16980391644328448400 z^{18} + 485063104906793325 z^{16}$ $+10459530027396000 z^{14} + 164736085284500 z^{12}$ $+1814711268000 z^{10} + 13207792275 z^8 + 59351600 z^6 + 158970 z^4$ $+240 z^2 + 1$	
		$z^{120} + 300 z^{118} + 205050 z^{116} + 67367900 z^{114} + 13793632275 z^{112}$ $+ 1836217109160 z^{110} + 165161302330260 z^{108}$ $+ 10463923437247080 z^{106} + 485080611430161645 z^{104}$ $+ 16980329582761480340 z^{102} + 460346596405776279006 z^{100}$ $+ 9864584746736005787460 z^{98}$ $+ 169878174035350929012655 z^{96}$ $+ 2383521297964237848498000 z^{94}$ $+ 27561829319942787344549640 z^{92}$ $+ 265227168023961077707956304 z^{90}$ $+ 2141602437532812871096895805 z^{88}$ $+ 14613287212374418541157383340 z^{86}$ $+ 84780261516998331096369162890 z^{84}$ $+ 420403971093229220976135646620 z^{82}$ $+ 1789950753858907827442817520759 z^{80}$ $+ 6569389526201071010281832155800 z^{78}$	

$\{[120, 2, 113]\}$

$$x^7 + x^5 + x^2 + 1$$

$$\begin{aligned} &+20853992333234293790393571446700 z^{76} \\ &+57424036860005848094162809256280 z^{74} \\ &+137502059892238790055346616666825 z^{72} \\ &+286902257211371188217351246886900 z^{70} \\ &+522525604198180088868915192213150 z^{68} \\ &+831805259513444856444278030231780 z^{66} \\ &+1158585897177954878581283554763475 z^{64} \\ &+1413012201277514061161886755891040 z^{62} \\ &+1509607950631648572815889042963312 z^{60} \\ &+1413012201277514061161886755891040 z^{58} \\ &+1158585897177954878581283554763475 z^{56} \\ &+831805259513444856444278030231780 z^{54} \\ &+522525604198180088868915192213150 z^{52} \\ &+286902257211371188217351246886900 z^{50} \\ &+137502059892238790055346616666825 z^{48} \\ &+57424036860005848094162809256280 z^{46} \\ &+20853992333234293790393571446700 z^{44} \\ &+6569389526201071010281832155800 z^{42} \\ &+1789950753858907827442817520759 z^{40} \\ &+420403971093229220976135646620 z^{38} \\ &+84780261516998331096369162890 z^{36} \\ &+14613287212374418541157383340 z^{34} \\ &+2141602437532812871096895805 z^{32} \\ &+265227168023961077707956304 z^{30} \\ &+27561829319942787344549640 z^{28} \\ &+2383521297964237848498000 z^{26} \\ &+169878174035350929012655 z^{24} \\ &+9864584746736005787460 z^{22} + 460346596405776279006 z^{20} \\ &+16980329582761480340 z^{18} + 485080611430161645 z^{16} \\ &+10463923437247080 z^{14} + 165161302330260 z^{12} \\ &+1836217109160 z^{10} + 13793632275 z^8 + 67367900 z^6 + 205050 z^4 \end{aligned}$$

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

		$+300 z^2 + 1$	
$\{[120, 2, 113]\}$	$x^7 + x^5 + x^4 + x^3 + x^2 + 1$	$z^{120} + 540 z^{118} + 166170 z^{116} + 57537420 z^{114} + 13121376915 z^{112}$ $+ 1813522477512 z^{110} + 164733165629140 z^{108}$ $+ 10459584984694920 z^{106} + 485063384002417005 z^{104}$ $+ 16980389957611069860 z^{102} + 460347300601099447614 z^{100}$ $+ 9864585028857166401300 z^{98}$ $+ 169878161799435236441775 z^{96}$ $+ 2383521285131450580685200 z^{94}$ $+ 27561829464962089439339400 z^{92}$ $+ 265227168137820850004010640 z^{90}$ $+ 2141602436268743299943204925 z^{88}$ $+ 14613287212210129317672025500 z^{86}$ $+ 84780261524761310308050502570 z^{84}$ $+ 420403971088671573580363134540 z^{82}$ $+ 1789950753827646019591934456823 z^{80}$ $+ 6569389526242773301627275509880 z^{78}$ $+ 20853992333306197523327384543340 z^{76}$ $+ 57424036859828132995463505324600 z^{74}$ $+ 137502059892194537672457722442825 z^{72}$ $+ 286902257211796988746079185897092 z^{70}$ $+ 522525604197953289416729046328830 z^{68}$ $+ 831805259512886876364133293317940 z^{66}$ $+ 1158585897178663385335492893830355 z^{64}$ $+ 1413012201277786874092156790811360 z^{62}$ $+ 1509607950630679114368322552388208 z^{60}$ $+ 1413012201277786874092156790811360 z^{58}$ $+ 1158585897178663385335492893830355 z^{56}$ $+ 831805259512886876364133293317940 z^{54}$ $+ 522525604197953289416729046328830 z^{52}$ $+ 286902257211796988746079185897092 z^{50}$ $+ 137502059892194537672457722442825 z^{48}$	$\{[60, \sqrt{30}]\}$

		$ \begin{aligned} &+57424036859828132995463505324600 z^{46} \\ &+20853992333306197523327384543340 z^{44} \\ &+6569389526242773301627275509880 z^{42} \\ &+1789950753827646019591934456823 z^{40} \\ &+420403971088671573580363134540 z^{38} \\ &+84780261524761310308050502570 z^{36} \\ &+14613287212210129317672025500 z^{34} \\ &+2141602436268743299943204925 z^{32} \\ &+265227168137820850004010640 z^{30} \\ &+27561829464962089439339400 z^{28} \\ &+2383521285131450580685200 z^{26} \\ &+169878161799435236441775 z^{24} \\ &+9864585028857166401300 z^{22} + 460347300601099447614 z^{20} \\ &+16980389957611069860 z^{18} + 485063384002417005 z^{16} \\ &+10459584984694920 z^{14} + 164733165629140 z^{12} \\ &+1813522477512 z^{10} + 13121376915 z^8 + 57537420 z^6 + 166170 z^4 \\ &+ 540 z^2 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{120} + 840 z^{118} + 319620 z^{116} + 72893240 z^{114} + 13681338555 z^{112} \\ &+ 1821648069024 z^{110} + 164758628977880 z^{108} \\ &+ 10459184364390240 z^{106} + 485061277464675765 z^{104} \\ &+ 16980403303956436680 z^{102} + 460347354724600350252 z^{100} \\ &+ 9864584666544315785400 z^{98} \\ &+ 169878161369633159500575 z^{96} \\ &+ 2383521291246027934431360 z^{94} \\ &+ 27561829458527682383249520 z^{92} \\ &+ 265227168089013082742448512 z^{90} \\ &+ 2141602436418315124552842285 z^{88} \\ &+ 14613287212267092354584877480 z^{86} \\ &+ 84780261523756178710957207140 z^{84} \\ &+ 420403971090199928678889560280 z^{82} \\ &+ 1789950753829430422714975701231 z^{80} \end{aligned} $	

$\{[120, 2, 113]\}$

$$x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned} &+ 6569389526233924916285131011360 z^{78} \\ &+ 20853992333314453423881725133480 z^{76} \\ &+ 57424036859841176593933511455200 z^{74} \\ &+ 137502059892154424660768709677025 z^{72} \\ &+ 286902257211824089499197604536104 z^{70} \\ &+ 522525604197995345382731235879660 z^{68} \\ &+ 831805259512787536168898582229080 z^{66} \\ &+ 1158585897178719309685756715936115 z^{64} \\ &+ 1413012201277853628247137807521280 z^{62} \\ &+ 1509607950630544519492532785569824 z^{60} \\ &+ 1413012201277853628247137807521280 z^{58} \\ &+ 1158585897178719309685756715936115 z^{56} \\ &+ 831805259512787536168898582229080 z^{54} \\ &+ 522525604197995345382731235879660 z^{52} \\ &+ 286902257211824089499197604536104 z^{50} \\ &+ 137502059892154424660768709677025 z^{48} \\ &+ 57424036859841176593933511455200 z^{46} \\ &+ 20853992333314453423881725133480 z^{44} \\ &+ 6569389526233924916285131011360 z^{42} \\ &+ 1789950753829430422714975701231 z^{40} \\ &+ 420403971090199928678889560280 z^{38} \\ &+ 84780261523756178710957207140 z^{36} \\ &+ 14613287212267092354584877480 z^{34} \\ &+ 2141602436418315124552842285 z^{32} \\ &+ 265227168089013082742448512 z^{30} \\ &+ 27561829458527682383249520 z^{28} \\ &+ 2383521291246027934431360 z^{26} \\ &+ 169878161369633159500575 z^{24} \\ &+ 9864584666544315785400 z^{22} + 460347354724600350252 z^{20} \\ &+ 16980403303956436680 z^{18} + 485061277464675765 z^{16} \\ &+ 10459184364390240 z^{14} + 164758628977880 z^{12} \end{aligned}$$

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

		$+1821648069024 z^{10} + 13681338555 z^8 + 72893240 z^6 + 319620 z^4$ $+ 840 z^2 + 1$	
$\{[120, 2, 113]\}$	$x^7 + x^6 + x^5 + 1$	$z^{120} + 60 z^{118} + 129690 z^{116} + 57051180 z^{114} + 13129387155 z^{112}$ $+ 1813562265480 z^{110} + 164732206554580 z^{108}$ $+ 10459588156305480 z^{106} + 485063410853286765 z^{104}$ $+ 16980389678496400260 z^{102} + 460347301461599196606 z^{100}$ $+ 9864585030354613053300 z^{98}$ $+ 169878161776459273894575 z^{96}$ $+ 2383521285219562797135120 z^{94}$ $+ 27561829464844103290882440 z^{92}$ $+ 265227168137426525952311824 z^{90}$ $+ 2141602436271318740613162045 z^{88}$ $+ 14613287212203352980912739260 z^{86}$ $+ 84780261524769311106810765610 z^{84}$ $+ 420403971088680432699682423020 z^{82}$ $+ 1789950753827584106101523071479 z^{80}$ $+ 6569389526242914345101821638840 z^{78}$ $+ 20853992333306029380426057261420 z^{76}$ $+ 57424036859828141352593459297400 z^{74}$ $+ 137502059892194951517467216702025 z^{72}$ $+ 286902257211796039715586918544740 z^{70}$ $+ 522525604197954485130691771805310 z^{68}$ $+ 831805259512886118383333405491860 z^{66}$ $+ 1158585897178663034551536440628435 z^{64}$ $+ 1413012201277788429925052178240480 z^{62}$ $+ 1509607950630677036058747059187312 z^{60}$ $+ 1413012201277788429925052178240480 z^{58}$ $+ 1158585897178663034551536440628435 z^{56}$ $+ 831805259512886118383333405491860 z^{54}$ $+ 522525604197954485130691771805310 z^{52}$ $+ 286902257211796039715586918544740 z^{50}$	$\{[60, \sqrt{30}]\}$

		$+137502059892194951517467216702025 z^{48}$ $+57424036859828141352593459297400 z^{46}$ $+20853992333306029380426057261420 z^{44}$ $+6569389526242914345101821638840 z^{42}$ $+1789950753827584106101523071479 z^{40}$ $+420403971088680432699682423020 z^{38}$ $+84780261524769311106810765610 z^{36}$ $+14613287212203352980912739260 z^{34}$ $+2141602436271318740613162045 z^{32}$ $+265227168137426525952311824 z^{30}$ $+27561829464844103290882440 z^{28}$ $+2383521285219562797135120 z^{26}$ $+169878161776459273894575 z^{24}$ $+9864585030354613053300 z^{22} + 460347301461599196606 z^{20}$ $+16980389678496400260 z^{18} + 485063410853286765 z^{16}$ $+10459588156305480 z^{14} + 164732206554580 z^{12}$ $+1813562265480 z^{10} + 13129387155 z^8 + 57051180 z^6 + 129690 z^4$ $+60 z^2 + 1$	
		$z^{120} + 420 z^{118} + 206250 z^{116} + 67416500 z^{114} + 13792911315 z^{112}$ $+ 1836217090104 z^{110} + 165161319979380 z^{108}$ $+ 10463923833726840 z^{106} + 485080604259135405 z^{104}$ $+ 16980329634696961820 z^{102} + 460346596198452762222 z^{100}$ $+ 9864584747136958948140 z^{98}$ $+ 169878174035624743213615 z^{96}$ $+ 2383521297960855947660400 z^{94}$ $+ 27561829319945712066599880 z^{92}$ $+ 265227168024002254017863536 z^{90}$ $+ 2141602437532582950768320445 z^{88}$ $+ 14613287212375077725473906980 z^{86}$ $+ 84780261516997173015249726650 z^{84}$ $+ 420403971093230265481615137780 z^{82}$	

$\{[120, 2, 113]\}$ $x^7 + x^6 + x^5 + x^2 + x + 1$
$$\begin{aligned} &+1789950753858908110425181265847 z^{80} \\ &+6569389526201069824448650951560 z^{78} \\ &+20853992333234289224095094628300 z^{76} \\ &+57424036860005874007220156850120 z^{74} \\ &+137502059892238725114659913364745 z^{72} \\ &+286902257211371293095621126361404 z^{70} \\ &+522525604198179978307974168360750 z^{68} \\ &+831805259513444908058844801809420 z^{66} \\ &+1158585897177954943182786810831315 z^{64} \\ &+1413012201277513878199888448213280 z^{62} \\ &+1509607950631648805952804990031344 z^{60} \\ &+1413012201277513878199888448213280 z^{58} \\ &+1158585897177954943182786810831315 z^{56} \\ &+831805259513444908058844801809420 z^{54} \\ &+522525604198179978307974168360750 z^{52} \\ &+286902257211371293095621126361404 z^{50} \\ &+137502059892238725114659913364745 z^{48} \\ &+57424036860005874007220156850120 z^{46} \\ &+20853992333234289224095094628300 z^{44} \\ &+6569389526201069824448650951560 z^{42} \\ &+1789950753858908110425181265847 z^{40} \\ &+420403971093230265481615137780 z^{38} \\ &+84780261516997173015249726650 z^{36} \\ &+14613287212375077725473906980 z^{34} \\ &+2141602437532582950768320445 z^{32} \\ &+265227168024002254017863536 z^{30} \\ &+27561829319945712066599880 z^{28} \\ &+2383521297960855947660400 z^{26} \\ &+169878174035624743213615 z^{24} \\ &+9864584747136958948140 z^{22} + 460346596198452762222 z^{20} \\ &+16980329634696961820 z^{18} + 485080604259135405 z^{16} \end{aligned}$$
 $\{[60, \sqrt{30}]\}$

		$+10463923833726840 z^{14} + 165161319979380 z^{12}$ $+1836217090104 z^{10} + 13792911315 z^8 + 67416500 z^6 + 206250 z^4$ $+420 z^2 + 1$	
$\{[120, 2, 113]\}$	$x^7 + x^6 + x^4 + 1$	$z^{120} + 420 z^{118} + 144810 z^{116} + 57258420 z^{114} + 13126164435 z^{112}$ $+ 1813541306424 z^{110} + 164732623157620 z^{108}$ $+ 10459587275646840 z^{106} + 485063392979283885 z^{104}$ $+ 16980389840857571100 z^{102} + 460347300919727867502 z^{100}$ $+ 9864585030089980470060 z^{98}$ $+ 169878161786437588392495 z^{96}$ $+ 2383521285177485472386160 z^{94}$ $+ 27561829464911789811424200 z^{92}$ $+ 265227168137558671793397616 z^{90}$ $+ 2141602436270247389856735165 z^{88}$ $+ 14613287212206342454200148260 z^{86}$ $+ 84780261524765390317002702010 z^{84}$ $+ 420403971088678190175874931700 z^{82}$ $+ 1789950753827606436148849991607 z^{80}$ $+ 6569389526242864459546874035080 z^{78}$ $+ 20853992333306077527966915346380 z^{76}$ $+ 57424036859828184108901640462280 z^{74}$ $+ 137502059892194700637854138905865 z^{72}$ $+ 286902257211796536967037546959164 z^{70}$ $+ 522525604197953896973918487275310 z^{68}$ $+ 831805259512886458919204321246220 z^{66}$ $+ 1158585897178663262452308474094035 z^{64}$ $+ 1413012201277787598430062577078560 z^{62}$ $+ 1509607950630678127204869469672944 z^{60}$ $+ 1413012201277787598430062577078560 z^{58}$ $+ 1158585897178663262452308474094035 z^{56}$ $+ 831805259512886458919204321246220 z^{54}$ $+ 522525604197953896973918487275310 z^{52}$	$\{[60, \sqrt{30}]\}$

		$+286902257211796536967037546959164 z^{50}$ $+137502059892194700637854138905865 z^{48}$ $+57424036859828184108901640462280 z^{46}$ $+20853992333306077527966915346380 z^{44}$ $+6569389526242864459546874035080 z^{42}$ $+1789950753827606436148849991607 z^{40}$ $+420403971088678190175874931700 z^{38}$ $+84780261524765390317002702010 z^{36}$ $+14613287212206342454200148260 z^{34}$ $+2141602436270247389856735165 z^{32}$ $+265227168137558671793397616 z^{30}$ $+27561829464911789811424200 z^{28}$ $+2383521285177485472386160 z^{26}$ $+169878161786437588392495 z^{24}$ $+9864585030089980470060 z^{22} + 460347300919727867502 z^{20}$ $+16980389840857571100 z^{18} + 485063392979283885 z^{16}$ $+10459587275646840 z^{14} + 164732623157620 z^{12}$ $+1813541306424 z^{10} + 13126164435 z^8 + 57258420 z^6 + 144810 z^4$ $+420 z^2 + 1$	
		$z^{120} + 540 z^{118} + 286170 z^{116} + 82497420 z^{114} + 15308352915 z^{112}$ $+ 1918738093512 z^{110} + 167778473529940 z^{108}$ $+ 10514377975338120 z^{106} + 485672858988456045 z^{104}$ $+ 16984276366355205540 z^{102} + 460356795086175847806 z^{100}$ $+ 9864545217149963687700 z^{98}$ $+ 169877849573383371468975 z^{96}$ $+ 2383521064322386706893200 z^{94}$ $+ 27561832824593925182795400 z^{92}$ $+ 265227174712884796115754640 z^{90}$ $+ 2141602413749026108534475325 z^{88}$ $+ 14613287152257552534737651100 z^{86}$ $+ 84780261641056380975593209450 z^{84}$	

$\{[120, 2, 113]\}$

$x^7 + x^6 + x + 1$

+420403971419546021534945421900 z^{82}
+1789950753318061312446872696055 z^{80}
+6569389525002159360539185351800 z^{78}
+20853992335186540553520339825900 z^{76}
+57424036863057330873255940908600 z^{74}
+137502059886687892619911227498825 z^{72}
+286902257206096925575440819817092 z^{70}
+522525604210116495258781786029630 z^{68}
+831805259519139326898902617657140 z^{66}
+1158585897158950590472925710014675 z^{64}
+1413012201274968662535667828620000 z^{62}
+1509607950653856400135813503669360 z^{60}
+1413012201274968662535667828620000 z^{58}
+1158585897158950590472925710014675 z^{56}
+831805259519139326898902617657140 z^{54}
+522525604210116495258781786029630 z^{52}
+286902257206096925575440819817092 z^{50}
+137502059886687892619911227498825 z^{48}
+57424036863057330873255940908600 z^{46}
+20853992335186540553520339825900 z^{44}
+6569389525002159360539185351800 z^{42}
+1789950753318061312446872696055 z^{40}
+420403971419546021534945421900 z^{38}
+84780261641056380975593209450 z^{36}
+14613287152257552534737651100 z^{34}
+2141602413749026108534475325 z^{32}
+265227174712884796115754640 z^{30}
+27561832824593925182795400 z^{28}
+2383521064322386706893200 z^{26}
+169877849573383371468975 z^{24}
+9864545217149963687700 z^{22} +460356795086175847806 z^{20}

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

		$+16984276366355205540 z^{18} + 485672858988456045 z^{16}$ $+10514377975338120 z^{14} + 167778473529940 z^{12}$ $+1918738093512 z^{10} + 15308352915 z^8 + 82497420 z^6 + 286170 z^4$ $+540 z^2 + 1$
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