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PETITS DISCRIMINANTS DE POLYNÔMES IRRÉDUCTIBLES DE $\mathbb{Z}[x]$

DENIS SIMON

Dans ce document, je recense les polynômes irréductibles de $\mathbb{Z}[x]$ ayant les plus petits discriminants non nuls connus pour chaque degré compris entre 2 et 50 et chaque signature. Ces polynômes sont extraits des fichiers disponibles sur `https://simond.users.lmno.cnrs.fr/maths/TableSmallDisc.html`

Pour chaque polynôme, les informations suivantes sont données :
— d : le degré
— r_1 : le nombre de racines réelles.
— Disc : le discriminant.
— $R = \sqrt[d]{|\mathrm{Disc}|}$: le root-discriminant.
— P : le polynôme exprimé dans la base canonique de $\mathbb{Z}[x]$ ou dans la base T_n décrite ci–dessous.

Les polynômes T_n forment une base qui est souvent adaptée aux polynômes qui ont un grand nombre de racines réelles. À une normalisation près, ce sont les polynômes de Tchebychev de seconde espèce. Ils sont définis par récurrence par $T_0 = 1$, $T_1 = x$ et la relation $T_{n+1} = xT_n - T_{n-1}$. Ce sont des polynômes de $\mathbb{Z}[x]$. Chaque T_n est unitaire de degré n et satisfait la relation

$$\sin((n+1)\theta) = T_n(2\cos(\theta))\sin(\theta)$$

pour tout $\theta \in \mathbb{R}$. Les premiers éléments de cette base sont

$$\begin{aligned}
T_0 &= 1\\
T_1 &= x\\
T_2 &= x^2 - 1\\
T_3 &= x^3 - 2x\\
T_4 &= x^4 - 3x^2 + 1\\
T_5 &= x^5 - 4x^3 + 3x\\
T_6 &= x^6 - 5x^4 + 6x^2 - 1.
\end{aligned}$$

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$\mathbf{d = 2; r_1 = 0}$;

Disc $= -3$

$R = 1.73205$

$P = x^2 + x + 1$

$\mathbf{d = 2; r_1 = 2}$;

Disc $= 5$

$R = 2.23607$

$P = T_2 + T_1$

$\mathbf{d = 3; r_1 = 1}$;

Disc $= -23$

$R = 2.84387$

$P = x^3 - x + 1$

$\mathbf{d = 3; r_1 = 3}$;

Disc $= 49$

$R = 3.65931$

$P = T_3 + T_2$

$\mathbf{d = 4; r_1 = 0}$;

Disc $= 117$

$R = 3.28887$

$P = x^4 + x^3 - x^2 - x + 1$

$\mathbf{d = 4; r_1 = 2}$;

Disc $= -275$

$R = 4.07224$

$P = x^4 + x^3 - 2x - 1$

$\mathbf{d = 4; r_1 = 4}$;

Disc $= 725$

$R = 5.18901$

$P = T_4 + T_3 + T_1$

$\mathbf{d = 5; r_1 = 1}$;

Disc $= 1609$

$R = 4.37836$

$P = x^5 - x^3 - x^2 + x + 1$

$\mathbf{d = 5; r_1 = 3}$;

Disc $= -4511$

$R = 5.38090$

$P = x^5 - x^3 - 2x^2 + 1$

$\mathbf{d = 5; r_1 = 5}$;

Disc $= 14641$

$R = 6.80948$

$P = T_5 + T_4$

$\mathbf{d = 6; r_1 = 0}$;

Disc $= -9747$

$R = 4.62181$

$P = x^6 + x^4 + x^3 - 2x^2 - x + 1$

$\mathbf{d = 6; r_1 = 2}$;

Disc $= 28037$

$R = 5.51174$

$P = x^6 + x^5 + 2x^3 - x^2 - 3x - 1$

$\mathbf{d = 6; r_1 = 4}$;

Disc $= -92779$

$R = 6.72835$

$P = T_6 + T_5 + 3T_4 + T_3 + 2T_2 + T_1 + 1$

$\mathbf{d = 6; r_1 = 6}$;

Disc $= 300125$

$R = 8.18246$

$P = T_6 + T_5 - 2T_4 + 2T_3 - 5T_2 + 3T_1 - 3$

$\mathbf{d = 7; r_1 = 1}$;

Disc $= -184607$

$R = 5.65355$

$P = x^7 + x^6 - x^5 - x^4 + x^2 + x - 1$

$\mathbf{d = 7; r_1 = 3}$;

Disc $= 612233$

$R = 6.70969$

$P = x^7 + x^6 + x^5 - x^3 - x^2 - x + 1$

$\mathbf{d = 7; r_1 = 5}$;

Disc $= -2306599$

$R = 8.10954$

$P = x^7 - 3x^5 - x^4 + x^3 + 3x^2 + x - 1$

$\mathbf{d = 7; r_1 = 7}$;

Disc $= 20134393$

$R = 11.05146$

$P = T_7 + T_6 - 2T_3 - T_2 - 2T_1 - 1$

$\mathbf{d = 8; r_1 = 0}$;

Disc $= 1257728$

$R = 5.78693$

$P = x^8 + 2x^7 - 4x^5 - 4x^4 + 3x^2 + 2x + 1$

$\mathbf{d = 8; r_1 = 2}$;

Disc $= -4286875$

$R = 6.74555$

$P = T_8 + T_7 + 3T_6 + 3T_4 - 3T_3 - 5T_1$

$\mathbf{d = 8; r_1 = 4}$;

Disc $= 15297613$

$R = 7.90821$

$P = x^8 + 2x^7 + x^4 - 5x^3 - x^2 + 4x - 1$

$\mathbf{d = 8; r_1 = 6}$;

Disc $= -65106259$

$R = 9.47770$

$P = T_8 + 2T_6 - T_5 + 2T_4 + T_1$

$\mathbf{d = 8; r_1 = 8}$;

Disc $= 282300416$

$R = 11.38515$

$P = T_8 + 2T_7 - 7T_4 - 6T_3 - 11T_2 - 8T_1 - 6$

$\mathbf{d = 9; r_1 = 1}$;

Disc $= 29510281$

$R = 6.76078$

$P = x^9 - x^7 - 2x^6 + x^5 + 3x^4 + x^3 - x^2 - 2x + 1$

$\mathbf{d = 9; r_1 = 3}$;

Disc $= -109880167$

$R = 7.82412$

$P = x^9 + 2x^8 + x^7 - x^6 - 3x^5 - x^4 + 3x^3 - 2x + 1$

$\mathbf{d = 9; r_1 = 5}$;

Disc $= 453771377$

$R = 9.15948$

$P = x^9 - 3x^7 - x^5 - 2x^4 + 3x^3 + 3x^2 - x - 1$

$\mathbf{d = 9; r_1 = 7}$;

Disc $= -1904081383$

$R = 10.74178$

$P = x^9 + 3x^8 - x^7 - 7x^6 - 3x^5 - 4x^4 - 2x^3 + 6x^2 + 5x + 1$

$\mathbf{d = 9; r_1 = 9}$;

Disc $= 9685993193$

$R = 12.86979$

$P = T_9 + 2T_8 + T_7 + 3T_6 - 5T_2 + T_1 - 3$

$\mathbf{d = 10; r_1 = 0}$;

Disc $= -209352647$

$R = 6.79341$

$P = x^{10} + 2x^9 + 2x^8 - x^7 - 4x^6 - 3x^5 + 5x^4 + 12x^3 + 11x^2 + 5x + 1$

$\mathbf{d = 10; r_1 = 2}$;

Disc $= 799905449$

$R = 7.76790$

$P = x^{10} + x^9 - x^7 + x^6 + x^5 - x^4 - x^3 + x - 1$

$\mathbf{d = 10; r_1 = 4}$;

Disc $= -3120654523$

$R = 8.90071$

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

$\mathbf{d = 10; r_1 = 6}$;

Disc $= 14002335917$

$R = 10.34237$

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

$\mathbf{d = 10; r_1 = 8}$;

Disc $= -70952789611$

$R = 12.16458$

$P = x^{10} + x^9 - 7x^8 - x^7 + 16x^6 - 6x^5 - 14x^4 + 8x^3 + 6x^2 - 2x - 1$

$\mathbf{d = 10; r_1 = 10}$;

Disc $= 443952558373$

$R = 14.61281$

$P = x^{10} + x^9 - 11x^8 - 9x^7 + 29x^6 + 16x^5 - 26x^4 - 10x^3 + 9x^2 + 2x - 1$

$\mathbf{d = 11; r_1 = 1}$;

Disc $= -5781612911$

$R = 7.71719$

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

$\mathbf{d = 11; r_1 = 3}$;

Disc $= 23653561333$

$R = 8.77165$

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

$\mathbf{d = 11; r_1 = 5}$;

Disc $= -100898584967$

$R = 10.00814$

$P = x^{11} - 6x^9 + 5x^8 + 7x^7 - 16x^6 + 6x^5 - 2x^4 + 15x^3 - 17x^2 + 7x - 1$

$\mathbf{d = 11; r_1 = 7}$;

Disc $= 481099838761$

$R = 11.53510$

$P = x^{11} + x^{10} - 7x^9 - 2x^8 + 13x^7 - 8x^6 - 10x^5 + 15x^4 + 5x^3 - 7x^2 - x + 1$

$\mathbf{d = 11; r_1 = 9}$;

Disc $= -2301072608111$

$R = 13.29878$

$P = x^{11} + 2x^{10} - 5x^9 - 4x^8 + 9x^7 - 9x^6 - 5x^5 + 24x^4 - 6x^3 - 12x^2 + 7x - 1$

$\mathbf{d = 11; r_1 = 11}$;

Disc $= 30733206894581$

$R = 16.83240$

$P = T_{11} + 2T_{10} + T_9 + 4T_8 + T_7 + 5T_6 + T_5 + 5T_4 + T_3 + 4T_2 + T_1 + 1$

$\mathbf{d = 12; r_1 = 0}$;

Disc $= 41223887921$

$R = 7.66648$

$P = x^{12} + x^{11} + x^{10} + 5x^9 + 4x^8 + 4x^7 + 9x^6 + 4x^5 + 4x^4 + 5x^3 + x^2 + x + 1$

$\mathbf{d = 12; r_1 = 2}$;

Disc $= -167630295667$

$R = 8.61713$

$P = x^{12} + 3x^{11} + 4x^{10} + x^9 - 6x^8 - 15x^7 - 19x^6 - 15x^5 - 6x^4 + x^3 + 4x^2 + 3x + 1$

$\mathbf{d = 12; r_1 = 4}$;

Disc $= 734297685397$

$R = 9.74592$

$P = x^{12} + x^{11} - 2x^{10} - x^9 + 2x^8 + x^7 - x^6 - x^5 + 2x^4 + x^3 - 2x^2 - x + 1$

$\mathbf{d = 12; r_1 = 6}$;

Disc $= -3483686489567$

$R = 11.09609$

$P = x^{12} + 3x^{11} - 8x^9 - 7x^8 + 2x^7 + 3x^6 + 5x^5 + 8x^4 + 3x^3 - 4x^2 - 4x - 1$

$\mathbf{d = 12; r_1 = 8}$;

Disc $= 16135716339712$

$R = 12.60808$

$P = T_{12} + T_{10} - 2T_9 - T_8 - 4T_7 - 4T_6 - 8T_5 - 8T_4 - 10T_3 - 9T_2 - 8T_1 - 5$

$\mathbf{d = 12; r_1 = 10}$;

Disc $= -99673753598563$

$R = 14.67400$

$P = x^{12} + x^{11} - 7x^{10} - 10x^9 + 8x^8 + 28x^7 + 10x^6 - 33x^5 - 18x^4 + 18x^3 + 7x^2 - 3x - 1$

$\mathbf{d = 12; r_1 = 12}$;

Disc $= 519708953453125$

$R = 16.83889$

$P = T_{12} + T_{11} - 3T_{10} + 3T_9 - 14T_8 + 7T_7 - 17T_6 + 2T_5 + 2T_4 - 11T_3 + 25T_2 - 16T_1 + 15$

$\mathbf{d = 13; r_1 = 1}$;

Disc $= 1270851608261$

$R = 8.53266$

$P = x^{13} + 2x^{12} - 2x^{11} - 2x^{10} + 6x^9 - 3x^8 - 7x^7 + 9x^6 - x^5 - 6x^4 + 6x^3 - x^2 - 2x + 1$

$\mathbf{d = 13; r_1 = 3}$;

Disc $= -5570916369223$

$R = 9.55996$

$P = x^{13} + x^{12} - 5x^{11} - 7x^{10} + 12x^9 + 22x^8 - 6x^7 - 32x^6 - 14x^5 + 15x^4 + 16x^3 + 2x^2 - 3x - 1$

$\mathbf{d = 13; r_1 = 5}$;

Disc $= 26879442853189$

$R = 10.79027$

$P = x^{13} + 3x^{12} - 2x^{11} - 11x^{10} + 3x^9 + 21x^8 - 8x^7 - 22x^6 + 16x^5 + 9x^4 - 12x^3 + x^2 + 3x - 1$

$\mathbf{d = 13; r_1 = 7}$;

Disc $= -136081103317703$

$R = 12.22405$

$P = T_{13} + 3T_{12} + 6T_{11} + 10T_{10} + 14T_9 + 20T_8 + 23T_7 + 30T_6 + 29T_5 + 34T_4 + 28T_3 + 27T_2 + 17T_1 + 11$

$\mathbf{d = 13; r_1 = 9}$;

Disc $= 697158311266793$

$R = 13.86101$

$P = T_{13} + T_{12} - T_{11} + 5T_{10} - 11T_9 + 13T_8 - 20T_7 + 14T_6 - 5T_5 - 2T_4 + 28T_3 - 21T_2 + 36T_1 - 13$

$\mathbf{d = 13; r_1 = 11}$;

Disc $= -4161299413431551$

$R = 15.90300$

$P = x^{13} + x^{12} - 9x^{11} - 5x^{10} + 27x^9 + 6x^8 - 29x^7 + 3x^6 + x^5 - 6x^4 + 12x^3 - 4x + 1$

$\mathbf{d = 13; r_1 = 13}$;

Disc $= 50359924122392641$

$R = 19.26530$

$P = T_{13} + 2T_{12} + T_{11} - T_{10} - 6T_9 - 8T_8 - 8T_7 - 5T_6 + 2T_5 + 9T_4 + 18T_3 + 20T_2 + 19T_1 + 10$

$\mathbf{d = 14; r_1 = 0}$;

Disc $= -9669040949311$

$R = 8.46306$

$P = x^{14} + x^{13} + 3x^{12} + 6x^{11} + 5x^{10} + 9x^9 + 11x^8 + 7x^7 + 11x^6 + 9x^5 + 5x^4 + 6x^3 + 3x^2 + x + 1$

$\mathbf{d = 14; r_1 = 2}$;

Disc $= 43889576079389$

$R = 9.42876$

$P = x^{14} + 4x^{13} + 6x^{12} - 2x^{11} - 9x^{10} - 16x^9 + 4x^8 + 19x^7 + 4x^6 - 2x^5 - 16x^4 + 3x^3 + 10x^2 - 6x + 1$

$\mathbf{d = 14; r_1 = 4}$;

Disc $= -201198213797319$

$R = 10.51205$

$P = T_{14} + 4T_{12} + 2T_{11} + 9T_{10} + 7T_9 + 15T_8 + 11T_7 + 21T_6 + 14T_5 + 23T_4 + 13T_3 + 16T_2 + 9T_1 + 6$

$\mathbf{d = 14; r_1 = 6}$;

Disc $= 1022452539185893$

$R = 11.80640$

$P = x^{14} + x^{13} - 3x^{12} - 4x^{11} + 5x^9 + 7x^8 + x^7 - 5x^6 - 8x^5 - 3x^4 + 4x^3 + 4x^2 + 2x - 1$

$\mathbf{d = 14; r_1 = 8}$;

Disc $= -5221080604842703$

$R = 13.26469$

$P = x^{14} + 3x^{13} - 3x^{12} - 12x^{11} + 2x^{10} - 18x^8 + 56x^7 + 74x^6 - 76x^5 - 95x^4 + 18x^3 + 37x^2 + 11x + 1$

$\mathbf{d = 14; r_1 = 10}$;

Disc $= 33396144189069877$

$R = 15.14482$

$P = x^{14} + 5x^{13} - x^{12} - 37x^{11} - 26x^{10} + 107x^9 + 104x^8 - 152x^7 - 160x^6 + 109x^5 + 111x^4 - 38x^3 - 29x^2 + 6x + 1$

$\mathbf{d = 14; r_1 = 12}$;

Disc $= -159818243295165811$

$R = 16.93676$

$P = T_{14} + 3T_{13} + 4T_{12} + 11T_{11} - 4T_{10} + 23T_9 - 31T_8 + 44T_7 - 64T_6 + 67T_5 - 76T_4 + 79T_3 - 56T_2 + 55T_1 - 21$

$\mathbf{d = 14; r_1 = 14}$;

Disc $= 1776478047975643577$

$R = 20.11592$

$P = T_{14} - 5T_{12} - 7T_{11} - 32T_{10} - 28T_9 - 73T_8 - 63T_7 - 95T_6 - 92T_5 - 75T_4 - 92T_3 - 35T_2 - 56T_1 - 7$

$\mathbf{d = 15; r_1 = 1}$;

Disc $= -323960158959551$

$R = 9.27611$

$P = x^{15}+3x^{14}+7x^{13}+15x^{12}+28x^{11}+47x^{10}+68x^{9}+86x^{8}+93x^{7}+88x^{6}+72x^{5}+50x^{4}+29x^{3}+14x^{2}+5x+1$

$\mathbf{d = 15; r_1 = 3}$;

Disc $= 1708531626522121$

$R = 10.36354$

$P = x^{15}+x^{14}-4x^{13}-5x^{12}+7x^{11}+10x^{10}-9x^{9}-12x^{8}+10x^{7}+12x^{6}-8x^{5}-8x^{4}+4x^{3}+3x^{2}-2x-1$

$\mathbf{d = 15; r_1 = 5}$;

Disc $= -8377424447618887$

$R = 11.52234$

$P = x^{15}+x^{14}-9x^{13}-5x^{12}+28x^{11}+8x^{10}-38x^{9}-3x^{8}+23x^{7}-4x^{6}-6x^{5}+4x^{4}-x^{3}-x^{2}+2x+1$

$\mathbf{d = 15; r_1 = 7}$;

Disc $= 41914533117187561$

$R = 12.82796$

$P = x^{15}+5x^{14}+8x^{13}-6x^{12}-38x^{11}-28x^{10}+58x^{9}+82x^{8}-43x^{7}-98x^{6}+21x^{5}+61x^{4}-15x^{3}-16x^{2}+8x-1$

$\mathbf{d = 15; r_1 = 9}$;

Disc $= -238478158000063087$

$R = 14.40445$

$P = T_{15}+T_{14}+3T_{13}+2T_{12}+4T_{11}+3T_{10}+6T_{9}+3T_{8}+7T_{7}+5T_{6}+8T_{5}+4T_{4}+6T_{3}+2T_{2}+3T_{1}+1$

$\mathbf{d = 15; r_1 = 11}$;

Disc $= 1329301327997487089$

$R = 16.15257$

$P = T_{15}+2T_{14}+7T_{13}+10T_{12}+16T_{11}+21T_{10}+20T_{9}+29T_{8}+14T_{7}+34T_{6}+7T_{5}+40T_{4}+6T_{3}+37T_{2}+6T_{1}+16$

$\mathbf{d = 15; r_1 = 13}$;

Disc $= -8577019276761552679$

$R = 18.29037$

$P = T_{15}+3T_{14}+2T_{13}-T_{12}+3T_{11}+9T_{10}+5T_{9}-T_{8}+4T_{7}+12T_{6}+7T_{5}-2T_{4}+3T_{3}+10T_{2}+3T_{1}-5$

$\mathbf{d = 15; r_1 = 15}$;

Disc $= 104722019350147712437$

$R = 21.61072$

$P = T_{15}+T_{14}-T_{13}+3T_{12}-6T_{11}+6T_{10}-12T_{9}+11T_{8}-14T_{7}+14T_{6}-12T_{5}+13T_{4}-7T_{3}+8T_{2}-3T_{1}+3$

$\mathbf{d = 16; r_1 = 0}$;

Disc $= 2537739461712361$

$R = 9.17863$

$P = x^{16} + 4x^{15} + 5x^{14} - 3x^{13} - 15x^{12} - 17x^{11} - 3x^{10} + 16x^9 + 25x^8 + 16x^7 - 3x^6 - 17x^5 - 15x^4 - 3 \times x^3 + 5x^2 + 4x + 1$

$\mathbf{d = 16; r_1 = 2}$;

Disc $= -11705685949886767$

$R = 10.09892$

$P = x^{16} + x^{15} - 3x^{14} + 2x^{13} + 8x^{12} - 10x^{11} - 6x^{10} + 18x^9 - 7x^8 - 15x^7 + 16x^6 + 2x^5 - 11x^4 + 5x^3 + 2x^2 - 3x + 1$

$\mathbf{d = 16; r_1 = 4}$;

Disc $= 60198796285311529$

$R = 11.18727$

$P = x^{16} + 2x^{15} + 3x^{14} - x^{13} - 6x^{12} - 10x^{11} - 4x^{10} + 6x^9 + 10x^8 + 6x^7 - 2x^6 - 2x^5 + x^4 + x^3 - 2x^2 - 3x - 1$

$\mathbf{d = 16; r_1 = 6}$;

Disc $= -347414837955720307$

$R = 12.48254$

$P = x^{16} + 4x^{15} + 2x^{14} - 14x^{13} - 27x^{12} - 8x^{11} + 65x^{10} + 106x^9 + 11x^8 - 97x^7 - 104x^6 - 47x^5 + 20 \times x^4 + 48x^3 + 31x^2 + 9x + 1$

$\mathbf{d = 16; r_1 = 8}$;

Disc $= 1755901138757832881$

$R = 13.81279$

$P = T_{16} + T_{15} + 2T_{14} + 3T_{12} - 6T_{11} + 5T_{10} - 15T_9 + 7T_8 - 20T_7 + 6T_6 - 19T_5 + 6T_4 - 16T_3 + 6T_2 - 11T_1 + 3$

$\mathbf{d = 16; r_1 = 10}$;

Disc $= -10857606161018178571$

$R = 15.47866$

$P = x^{16} - 2x^{14} + 7x^{13} - 19x^{12} + 8x^{11} + 14x^{10} - 61x^9 + 147x^8 - 196x^7 + 228x^6 - 214x^5 + 97x^4 + 9 \times x^3 - 26x^2 + 9x - 1$

$\mathbf{d = 16; r_1 = 12}$;

Disc $= 73202008830171545329$

$R = 17.43945$

$P = T_{16} + 2T_{15} + 5T_{14} + 5T_{13} + 11T_{12} + 9T_{11} + 18T_{10} + 11T_9 + 25T_8 + 10T_7 + 27T_6 + 7T_5 + 25T_4 + 4 \times T_3 + 17T_2 + T_1 + 6$

$\mathbf{d = 16; r_1 = 14}$;

Disc $= -555140099180517139403$

$R = 19.79362$

$P = x^{16} + 6x^{15} + 3x^{14} - 43x^{13} - 63x^{12} + 111x^{11} + 227x^{10} - 126x^9 - 339x^8 + 78x^7 + 215x^6 - 65x^5 - 38 \times x^4 + 46x^3 - 8x^2 - 7x + 1$

$\mathbf{d = 16; r_1 = 16}$;

Disc $= 3812530273766181677869$

$R = 22.32677$

$P = x^{16} + 6x^{15} - 11x^{14} - 89x^{13} - 15x^{12} + 349x^{11} + 242x^{10} - 495x^9 - 488x^8 + 265x^7 + 394x^6 - 9x^5 - 138 \times x^4 - 35x^3 + 15x^2 + 8x + 1$

$\mathbf{d = 17; r_1 = 1}$;

Disc $= 92165340648418949$

$R = 9.95212$

$P = x^{17} + 2x^{15} - x^{14} - x^{12} - 3x^{11} + x^{10} - 6x^9 + 8x^8 - 13x^7 + 19x^6 - 20x^5 + 21x^4 - 14x^3 + 9x^2 - 3x + 1$

$\mathbf{d = 17; r_1 = 3}$;

Disc $= -505760476717972799$

$R = 11.00040$

$P = x^{17} + x^{16} - 4x^{15} - 9x^{14} + 2x^{13} + 21x^{12} + 18x^{11} - 14x^{10} - 34x^9 - 15x^8 + 17x^7 + 25x^6 + 8x^5 - 8 \times x^4 - 9x^3 - 2x^2 + 2x + 1$

$\mathbf{d = 17; r_1 = 5}$;

Disc $= 2695791739002464689$

$R = 12.13830$

$P = x^{17} + 2x^{16} - 3x^{15} - 12x^{14} - 19x^{13} + 9x^{12} + 78x^{11} + 89x^{10} - 41x^9 - 178x^8 - 116x^7 + 74x^6 + 138 \times x^5 + 47x^4 - 29x^3 - 29x^2 - 9x - 1$

$\mathbf{d = 17; r_1 = 7}$;

Disc $= -15411478317011537879$

$R = 13.44921$

$P = x^{17} + 2x^{16} - 6x^{15} - 8x^{14} + 20x^{13} + 5x^{12} - 40x^{11} + 24x^{10} + 36x^9 - 51x^8 + x^7 + 36x^6 - 22x^5 - 8 \times x^4 + 12x^3 - 2x^2 - 2x + 1$

$\mathbf{d = 17; r_1 = 9}$;

Disc $= 92786766623659216321$

$R = 14.94714$

$P = x^{17} + 2x^{16} - 9x^{15} - 17x^{14} + 48x^{13} + 111x^{12} - 124x^{11} - 463x^{10} - 152x^9 + 461x^8 + 333x^7 - 160 \times x^6 - 192x^5 + 6x^4 + 46x^3 + 7x^2 - 4x - 1$

$\mathbf{d = 17; r_1 = 11}$;

Disc $= -532045231630397083603$

$R = 16.56431$

$P = T_{17}+2T_{15}+T_{14}+4T_{13}+3T_{12}+7T_{11}+6T_{10}+11T_9+9T_8+13T_7+10T_6+13T_5+9T_4+11T_3+8T_2+7T_1+3$

$\mathbf{d = 17; r_1 = 13}$;

Disc $= 5784212754936187852697$

$R = 19.06040$

$P = T_{17}+T_{16}+T_{15}+2T_{14}+3T_{13}+4T_{12}+4T_{11}+5T_{10}+5T_9+5T_8+6T_7+6T_6+6T_5+5T_4+4T_3+4T_2+2T_1+1$

$\mathbf{d = 17; r_1 = 15}$;

Disc $= -39114499924829395956431$

$R = 21.32854$

$P = T_{17}+2T_{16}+3T_{15}+5T_{14}+5T_{13}+6T_{12}+7T_{11}+7T_{10}+8T_9+8T_8+9T_7+9T_6+9T_5+8T_4+7T_3+6T_2+3T_1+2$

$\mathbf{d = 17; r_1 = 17}$;

Disc $= 1124638082938840872062053$

$R = 25.98756$

$P = T_{17}+2T_{16}+T_{15}+2T_{14}+3T_{13}+3T_{12}+4T_{11}+4T_{10}+5T_9+4T_8+5T_7+5T_6+6T_5+3T_4+3T_3+3T_2+2T_1+1$

$\mathbf{d = 18; r_1 = 0}$;

Disc $= -800435637468151019$

$R = 9.87710$

$P = x^{18} + 9x^{17} + 37x^{16} + 92x^{15} + 154x^{14} + 173x^{13} + 102x^{12} - 58x^{11} - 231x^{10} - 307x^9 - 231x^8 - 58 \times x^7 + 102x^6 + 173x^5 + 154x^4 + 92x^3 + 37x^2 + 9x + 1$

$\mathbf{d = 18; r_1 = 2}$;

Disc $= 3882675302999984089$

$R = 10.78275$

$P = x^{18} + 2x^{17} + 2x^{16} + 3x^{15} + 3x^{14} - 9x^{13} - 26x^{12} - 18x^{11} + 20x^{10} + 43x^9 + 20x^8 - 18x^7 - 26x^6 - 9 \times x^5 + 3x^4 + 3x^3 + 2x^2 + 2x + 1$

$\mathbf{d = 18; r_1 = 4}$;

Disc $= -21960508005098221571$

$R = 11.87232$

$P = x^{18} + 7x^{17} + 26x^{16} + 66x^{15} + 117x^{14} + 146x^{13} + 106x^{12} - 11x^{11} - 145x^{10} - 207x^9 - 145x^8 - 11 \times x^7 + 106x^6 + 146x^5 + 117x^4 + 66x^3 + 26x^2 + 7x + 1$

$\mathbf{d = 18; r_1 = 6}$;

Disc $= 103490001981114866569$

$R = 12.94013$

$P = x^{18} + x^{17} - 4x^{16} - 8x^{15} + x^{14} + 15x^{13} + 15x^{12} - 13x^{10} - 17x^9 - 13x^8 + 15x^6 + 15x^5 + x^4 - 8x^3 - 4x^2 + x + 1$

$\mathbf{d = 18; r_1 = 8}$;

Disc $= -582874259731366575131$

$R = 14.24436$

$P = x^{18} + 11x^{17} + 45x^{16} + 74x^{15} + 5x^{14} - 83x^{13} + 100x^{12} + 344x^{11} + 92x^{10} - 207x^9 + 92x^8 + 344x^7 + 100 \times x^6 - 83x^5 + 5x^4 + 74x^3 + 45x^2 + 11x + 1$

$\mathbf{d = 18; r_1 = 10}$;

Disc $= 3640017966929250412141$

$R = 15.77027$

$P = T_{18} + T_{17} + 2T_{16} + 2T_{15} + 4T_{14} + 3T_{13} + 6T_{12} + 4T_{11} + 8T_{10} + 5T_9 + 8T_8 + 6T_7 + 9T_6 + 5T_5 + 8 \times T_4 + 4T_3 + 5T_2 + 3T_1 + 2$

$\mathbf{d = 18; r_1 = 12}$;

Disc $= -253748731955976313813 27$

$R = 17.56666$

$P = x^{18} + 9x^{17} + 24x^{16} - 12x^{15} - 159x^{14} - 189x^{13} + 234x^{12} + 663x^{11} + 235x^{10} - 684x^9 - 828x^8 - 27 \times x^7 + 580x^6 + 387x^5 - 22x^4 - 133x^3 - 64x^2 - 13x - 1$

$\mathbf{d = 18; r_1 = 14}$;

Disc $= 18691153466916198160 0601$

$R = 19.62767$

$P = x^{18} + 3x^{17} - 19x^{16} - 64x^{15} + 77x^{14} + 346x^{13} - 57x^{12} - 770x^{11} - 164x^{10} + 865x^9 + 382x^8 - 510 \times x^7 - 345x^6 + 126x^5 + 150x^4 + 12x^3 - 24x^2 - 9x - 1$

$\mathbf{d = 18; r_1 = 16}$;

Disc $= -1080694888369248859733231$

$R = 21.63743$

$P = x^{18} + 9x^{17} + 20x^{16} - 44x^{15} - 218x^{14} - 42x^{13} + 799x^{12} + 686x^{11} - 1405x^{10} - 1778x^9 + 1211x^8 + 2076 \times x^7 - 391x^6 - 1148x^5 - 57x^4 + 253x^3 + 40x^2 - 12x - 1$

$\mathbf{d = 18; r_1 = 18}$;

Disc $= 1498706177594138196882 0129$

$R = 25.04096$

$P = T_{18} + 8T_{17} + 15T_{16} + 17T_{15} + 71T_{14} - 5T_{13} + 62T_{12} + 23T_{11} - 305T_{10} + 263T_9 - 948T_8 + 585T_7 - 1047 \times T_6 + 570T_5 - 127T_4 + 181T_3 + 825T_2 - 95T_1 + 544$

$\mathbf{d = 19; r_1 = 1}$;

Disc $= -30770367308392560491$

$R = 10.60941$

$P = x^{19} + 2x^{18} + 5x^{17} + 9x^{16} + 15x^{15} + 24x^{14} + 33x^{13} + 43x^{12} + 53x^{11} + 59x^{10} + 63x^9 + 62x^8 + 57 \times x^7 + 49x^6 + 38x^5 + 27x^4 + 17x^3 + 9x^2 + 4x + 1$

$\mathbf{d = 19; r_1 = 3}$;

Disc $= 183954431280778429361$

$R = 11.65638$

$P = x^{19} + x^{18} - 4x^{16} - 6x^{15} - 3x^{14} + 6x^{13} + 14x^{12} + 10x^{11} - 2x^{10} - 15x^9 - 15x^8 - 5x^7 + 7x^6 + 10x^5 + 6 \times x^4 - 3x^2 - 2x - 1$

$\mathbf{d = 19; r_1 = 5}$;

Disc $= -1297909598223721135171$

$R = 12.91884$

$P = T_{19} + T_{18} + 3T_{17} + 3T_{16} + 6T_{15} + 6T_{14} + 9T_{13} + 8T_{12} + 11T_{11} + 11T_{10} + 13T_9 + 12T_8 + 12T_7 + 12 \times T_6 + 12T_5 + 12T_4 + 9T_3 + 8T_2 + 6T_1 + 4$

$\mathbf{d = 19; r_1 = 7}$;

Disc $= 5813757092802172698601$

$R = 13.97970$

$P = T_{19} + T_{18} + 7T_{17} + 4T_{16} + 24T_{15} + 10T_{14} + 60T_{13} + 21T_{12} + 118T_{11} + 37T_{10} + 189T_9 + 54T_8 + 251 \times T_7 + 68T_6 + 276T_5 + 68T_4 + 239T_3 + 51T_2 + 141T_1 + 19$

$\mathbf{d = 19; r_1 = 9}$;

Disc $= -4104582879332899428563 9$

$R = 15.49430$

$P = x^{19} + x^{18} - 24x^{16} - 56x^{15} + 122x^{14} + 258x^{13} - 281x^{12} - 549x^{11} + 337x^{10} + 655x^9 - 208x^8 - 463 \times x^7 + 50x^6 + 192x^5 + 9x^4 - 43x^3 - 7x^2 + 4x + 1$

$\mathbf{d = 19; r_1 = 11}$;

Disc $= 292605920857868624429653$

$R = 17.18176$

$P = T_{19} + 4T_{18} + 8T_{17} + 14T_{16} + 24T_{15} + 37T_{14} + 52T_{13} + 70T_{12} + 91T_{11} + 111T_{10} + 129T_9 + 146T_8 + 158 \times T_7 + 162T_6 + 160T_5 + 151T_4 + 133T_3 + 107T_2 + 75T_1 + 39$

$\mathbf{d = 19; r_1 = 13}$;

Disc $= -1449309638330153418838751$

$R = 18.69132$

$P = x^{19} + x^{18} - 27x^{17} - 49x^{16} + 159x^{15} + 306x^{14} - 283x^{13} - 697x^{12} + 141x^{11} + 824x^{10} + 120x^9 - 583 \times x^8 - 185x^7 + 263x^6 + 94x^5 - 76x^4 - 22x^3 + 13x^2 + 2x - 1$

$\mathbf{d = 19; r_1 = 15}$;

Disc $= 15925888437197605474003853$

$R = 21.20443$

$P = T_{19} + T_{18} + 2T_{16} + 2T_{15} + 2T_{14} + 3T_{13} + 3T_{12} + 5T_{11} + 4T_{10} + 4T_9 + 6T_8 + 5T_7 + 5T_6 + 5T_5 + 4 \times T_4 + 4T_3 + 3T_2 + 2T_1 + 1$

$\mathbf{d = 19; r_1 = 17}$;

Disc $= -39544592483541859679943981 1$

$R = 25.11000$

$P = T_{19} + T_{18} + T_{17} + T_{16} + T_{15} - T_{12} - 2T_{10} - T_8 + T_6 - T_5 + 3T_4 - T_3 + 3T_2 - T_1 + 2$

$\mathbf{d = 19; r_1 = 19}$;

Disc $= 37815455143212033271780873 81$

$R = 28.27849$

$P = T_{19} + 2T_{18} - T_{16} + T_{15} - 2T_{13} + T_{11} - T_{10} + 2T_8 - T_7 - 2T_6 + 2T_5 + T_4 - 2T_3 + T_2 + 2T_1 - 1$

$\mathbf{d = 20; r_1 = 0}$;

Disc $= 208830343752740023189$

$R = 10.37504$

$P = x^{20} + 10x^{19} + 47x^{18} + 132x^{17} + 236x^{16} + 252x^{15} + 93x^{14} - 154x^{13} - 276x^{12} - 213x^{11} - 147x^{10} - 213 \times x^9 - 276x^8 - 154x^7 + 93x^6 + 252x^5 + 236x^4 + 132x^3 + 47x^2 + 10x + 1$

$\mathbf{d = 20; r_1 = 2}$;

Disc $= -1149352075545197380123$

$R = 11.29855$

$P = x^{20} - 8x^{18} + 8x^{17} + 25x^{16} - 53x^{15} - 12x^{14} + 129x^{13} - 105x^{12} - 101x^{11} + 231x^{10} - 101x^9 - 105 \times x^8 + 129x^7 - 12x^6 - 53x^5 + 25x^4 + 8x^3 - 8x^2 + 1$

$\mathbf{d = 20; r_1 = 4}$;

Disc $= 6369250615625347394773$

$R = 12.30848$

$P = x^{20} + 4x^{19} + 11x^{18} + 21x^{17} + 29x^{16} + 28x^{15} + 12x^{14} - 17x^{13} - 50x^{12} - 75x^{11} - 85x^{10} - 75x^9 - 50 \times x^8 - 17x^7 + 12x^6 + 28x^5 + 29x^4 + 21x^3 + 11x^2 + 4x + 1$

$\mathbf{d = 20; r_1 = 6}$;

Disc $= -4050200371238954868917 9$

$R = 13.50125$

$P = x^{20} + 3x^{19} + 2x^{18} - 7x^{17} - 27x^{16} - 47x^{15} - 40x^{14} + 13x^{13} + 108x^{12} + 203x^{11} + 241x^{10} + 203x^9 + 108 \times x^8 + 13x^7 - 40x^6 - 47x^5 - 27x^4 - 7x^3 + 2x^2 + 3x + 1$

$\mathbf{d = 20; r_1 = 8}$;

Disc $= 2344355331712035956132 33$

$R = 14.74013$

$P = T_{20} + T_{19} + 6T_{18} + 4T_{17} + 17T_{16} + 12T_{15} + 36T_{14} + 30T_{13} + 58T_{12} + 53T_{11} + 77T_{10} + 76T_9 + 90 \times T_8 + 87T_7 + 86T_6 + 82T_5 + 70T_4 + 65T_3 + 44T_2 + 34T_1 + 14$

$\mathbf{d = 20; r_1 = 10}$;

Disc $= -1894303297453675512466483$

$R = 16.36336$

$P = x^{20} + 8x^{19} + 30x^{18} + 74x^{17} + 132x^{16} + 162x^{15} + 106x^{14} - 71x^{13} - 351x^{12} - 610x^{11} - 709x^{10} - 610 \times x^9 - 351x^8 - 71x^7 + 106x^6 + 162x^5 + 132x^4 + 74x^3 + 30x^2 + 8x + 1$

$\mathbf{d = 20; r_1 = 12}$;

Disc $= 9367234188547163489710641$

$R = 17.72477$

$P = x^{20} + 4x^{19} - 14x^{18} - 46x^{17} + 98x^{16} + 150x^{15} - 359x^{14} - 61x^{13} + 647x^{12} - 517x^{11} - 265x^{10} + 759 \times x^9 - 445x^8 - 153x^7 + 377x^6 - 212x^5 + x^4 + 66x^3 - 39x^2 + 10x - 1$

$\mathbf{d = 20; r_1 = 14}$;

Disc $= -1288088895795846702442741 76$

$R = 20.20679$

$P = x^{20} - 24x^{18} + 16x^{17} + 198x^{16} - 214x^{15} - 707x^{14} + 1000x^{13} + 1095x^{12} - 2078x^{11} - 580x^{10} + 2182 \times x^9 - 290x^8 - 1170x^7 + 488x^6 + 268x^5 - 212x^4 + 6x^3 + 31x^2 - 10x + 1$

$\mathbf{d = 20; r_1 = 16}$;

Disc $= 7825007965174701956715913 73$

$R = 22.11435$

$P = x^{20} + 12x^{19} + 45x^{18} + 32x^{17} - 145x^{16} - 242x^{15} + 75x^{14} + 211x^{13} - 139x^{12} + 36x^{11} + 425x^{10} + 36 \times x^9 - 139x^8 + 211x^7 + 75x^6 - 242x^5 - 145x^4 + 32x^3 + 45x^2 + 12x + 1$

$\mathbf{d = 20; r_1 = 18}$;

Disc $= -1180669259466480824224760 8471$

$R = 25.32832$

$P = x^{20} + 10x^{19} + 33x^{18} + 12x^{17} - 175x^{16} - 380x^{15} - 33x^{14} + 911x^{13} + 1221x^{12} - 149x^{11} - 1912x^{10} - 1458 \times x^9 + 836x^8 + 1581x^7 + 258x^6 - 577x^5 - 284x^4 + 36x^3 + 54x^2 + 13x + 1$

$\mathbf{d = 20; r_1 = 20}$;

Disc $= 8662687025134717919161132 8125$

$R = 27.98225$

$P = x^{20} + x^{19} - 30x^{18} - 33x^{17} + 285x^{16} + 387x^{15} - 1014x^{14} - 1637x^{13} + 1529x^{12} + 3268x^{11} - 672 \times x^{10} - 3337x^9 - 671x^8 + 1653x^7 + 833x^6 - 280x^5 - 290x^4 - 33x^3 + 28x^2 + 10x + 1$

$\mathbf{d = 21; r_1 = 1}$;

Disc $= 10435221388756696779809$

$R = 11.18150$

$P = x^{21} + x^{20} + x^{19} - 2x^{18} - 6x^{17} - 8x^{16} - 3x^{15} + 8x^{14} + 19x^{13} + 19x^{12} + 5x^{11} - 15x^{10} - 27x^9 - 21 \times x^8 - 3x^7 + 13x^6 + 16x^5 + 9x^4 - 4x^2 - 3x - 1$

$\mathbf{d = 21; r_1 = 3}$;

Disc $= -7749877325077718125570 3$

$R = 12.30174$

$P = x^{21} + 2x^{20} - 6x^{19} - 11x^{18} + 23x^{17} + 33x^{16} - 58x^{15} - 58x^{14} + 108x^{13} + 63x^{12} - 150x^{11} - 37x^{10} + 156 \times x^9 + 2x^8 - 118x^7 + 15x^6 + 61x^5 - 13x^4 - 19x^3 + 5x^2 + 3x - 1$

$\mathbf{d = 21; r_1 = 5}$;

Disc $= 479715588739266725170889$

$R = 13.41732$

$P = x^{21} + x^{20} - 5x^{18} - 8x^{17} - 5x^{16} + 7x^{15} + 18x^{14} + 16x^{13} - 18x^{11} - 21x^{10} - 8x^9 + 9x^8 + 15x^7 + 9 \times x^6 - x^5 - 6x^4 - 4x^3 - x^2 + x + 1$

$\mathbf{d = 21; r_1 = 7}$;

Disc $= -3394306924660484788955231$

$R = 14.72757$

$P = T_{21} + 2T_{20} + 5T_{19} + 7T_{18} + 11T_{17} + 12T_{16} + 16T_{15} + 16T_{14} + 21T_{13} + 20T_{12} + 25T_{11} + 23T_{10} + 29 \times T_9 + 26T_8 + 31T_7 + 27T_6 + 29T_5 + 22T_4 + 21T_3 + 13T_2 + 9T_1 + 3$

$\mathbf{d = 21; r_1 = 9}$;

Disc $= 196661302279922402116088 41$

$R = 16.01264$

$P = T_{21} + 2T_{19} + T_{18} + 4T_{17} + 2T_{16} + 7T_{15} + 4T_{14} + 10T_{13} + 6T_{12} + 13T_{11} + 7T_{10} + 16T_9 + 9T_8 + 16 \times T_7 + 9T_6 + 15T_5 + 8T_4 + 11T_3 + 5T_2 + 7T_1 + 2$

$\mathbf{d = 21; r_1 = 11}$;

Disc $= -1305034327855475117292440 03$

$R = 17.52270$

$P = x^{21} + x^{20} - 12x^{19} - 13x^{18} + 60x^{17} + 68x^{16} - 163x^{15} - 184x^{14} + 270x^{13} + 272x^{12} - 309x^{11} - 206 \times x^{10} + 292x^9 + 50x^8 - 237x^7 + 33x^6 + 133x^5 - 32x^4 - 39x^3 + 12x^2 + 3x - 1$

$\mathbf{d = 21; r_1 = 13}$;

Disc $= 11591207633999872205098343 21$

$R = 19.44321$

$P = T_{21} + T_{20} + 2T_{19} + 3T_{18} + 3T_{17} + 2T_{16} + T_{15} - 3T_{13} - 3T_{12} - 2T_{11} - T_{10} + 2T_9 + 5T_8 + 6T_7 + 5 \times T_6 + 4T_5 + T_4 - 4T_3 - 4T_2 - 5T_1 - 4$

$\mathbf{d = 21; r_1 = 15}$;

Disc $= -8919118339100123184594173479$

$R = 21.42731$

$P = T_{21} + T_{20} + 2T_{19} + 2T_{17} + 3T_{15} + 4T_{13} + 4T_{11} + 4T_9 - T_8 + 3T_7 + 3T_5 + 2T_3 - T_2$

$\mathbf{d = 21; r_1 = 17}$;

Disc $= 186585871012521885954237506449$

$R = 24.76574$

$P = T_{21} + 2T_{19} - 2T_{18} + T_{17} - 5T_{16} - 2T_{15} - 7T_{14} - 5T_{13} - 3T_{12} - 7T_{11} + 7T_{10} - 7T_9 + 20T_8 - 6T_7 + 30 \times T_6 - 4T_5 + 33T_4 - 2T_3 + 26T_2 + 10$

$\mathbf{d = 21; r_1 = 19}$;

Disc $= -2478070027772566251998939834723$

$R = 28.01165$

$P = T_{21} + T_{20} + T_{18} + T_{15} + T_{13} + T_{12} + T_{10} + T_9 + T_7 + T_4$

$\mathbf{d = 21; r_1 = 21}$;

Disc $= 741727282019943729595583484995 53$

$R = 32.93295$

$P = x^{21} + 5x^{20} - 30x^{19} - 93x^{18} + 310x^{17} + 649x^{16} - 1390x^{15} - 2443x^{14} + 2999x^{13} + 5431x^{12} - 2872 \times x^{11} - 7075x^{10} + 235x^9 + 5023x^8 + 1670x^7 - 1540x^6 - 1139x^5 - 44x^4 + 202x^3 + 86x^2 + 15x + 1$

$\mathbf{d = 22; r_1 = 0}$;

Disc $= -8465513698268105249270 3$

$R = 11.01961$

$P = x^{22} + 7x^{21} + 20x^{20} + 27x^{19} + 6x^{18} - 36x^{17} - 45x^{16} + 15x^{15} + 85x^{14} + 60x^{13} - 55x^{12} - 123x^{11} - 55 \times x^{10} + 60x^9 + 85x^8 + 15x^7 - 45x^6 - 36x^5 + 6x^4 + 27x^3 + 20x^2 + 7x + 1$

$\mathbf{d = 22; r_1 = 2}$;

Disc $= 4455953903351275587742 33$

$R = 11.88370$

$P = x^{22} + x^{21} + 2x^{20} + 2x^{19} + x^{18} + 4x^{17} + 2x^{16} + 5x^{15} + 4x^{14} + 4x^{13} + 8x^{12} + 5x^{11} + 8x^{10} + 4x^9 + 4 \times x^8 + 5x^7 + 2x^6 + 4x^5 + x^4 + 2x^3 + 2x^2 + x + 1$

$\mathbf{d = 22; r_1 = 4}$;

Disc $= -2655012926986509280348979$

$R = 12.88798$

$P = x^{22} + 8x^{21} + 30x^{20} + 70x^{19} + 112x^{18} + 126x^{17} + 89x^{16} + 5x^{15} - 92x^{14} - 156x^{13} - 173x^{12} - 171 \times x^{11} - 173x^{10} - 156x^9 - 92x^8 + 5x^7 + 89x^6 + 126x^5 + 112x^4 + 70x^3 + 30x^2 + 8x + 1$

$\mathbf{d = 22; r_1 = 6}$;

Disc $= 16400263998954039546020113$

$R = 14.00005$

$P = x^{22} + 9x^{21} + 31x^{20} + 47x^{19} + 17x^{18} + 3x^{17} + 224x^{16} + 711x^{15} + 907x^{14} + 133x^{13} - 1294x^{12} - 2035 \times x^{11} - 1294x^{10} + 133x^9 + 907x^8 + 711x^7 + 224x^6 + 3x^5 + 17x^4 + 47x^3 + 31x^2 + 9x + 1$

$\mathbf{d = 22; r_1 = 8}$;

Disc $= -1219857971328832561033324 91$

$R = 15.33703$

$P = x^{22} + 4x^{21} - 13x^{19} + 2x^{18} + 12x^{17} - 64x^{16} + 4x^{15} + 259x^{14} - 6x^{13} - 529x^{12} - 53x^{11} + 704x^{10} + 213 \times x^9 - 611x^8 - 378x^7 + 246x^6 + 303x^5 + 40x^4 - 75x^3 - 46x^2 - 11x - 1$

$\mathbf{d = 22; r_1 = 10}$;

Disc $= 5433223139087151595166744 69$

$R = 16.41458$

$P = x^{22} + x^{21} - 8x^{20} - 7x^{19} + 22x^{18} + 18x^{17} - 18x^{16} - 18x^{15} - 24x^{14} - 5x^{13} + 66x^{12} + 23x^{11} - 66 \times x^{10} - 5x^9 + 24x^8 - 18x^7 + 18x^6 + 18x^5 - 22x^4 - 7x^3 + 8x^2 + x - 1$

$\mathbf{d = 22; r_1 = 12}$;

Disc $= -5661378830190352723792609967$

$R = 18.25982$

$P = x^{22} + 8x^{21} + 27x^{20} + 49x^{19} + 37x^{18} - 59x^{17} - 232x^{16} - 357x^{15} - 265x^{14} + 94x^{13} + 528x^{12} + 721 \times x^{11} + 528x^{10} + 94x^9 - 265x^8 - 357x^7 - 232x^6 - 59x^5 + 37x^4 + 49x^3 + 27x^2 + 8x + 1$

$\mathbf{d = 22; r_1 = 14}$;

Disc $= 4748731857364095184208191 2109$

$R = 20.11318$

$P = x^{22} + 2x^{21} + 11x^{20} - 8x^{19} - 81x^{18} + 53x^{17} - 232x^{16} + 271x^{15} + 1409x^{14} - 1518x^{13} - 2319x^{12} + 2715 \times x^{11} + 1781x^{10} - 2463x^9 - 652x^8 + 1268x^7 + 59x^6 - 376x^5 + 34x^4 + 60x^3 - 11x^2 - 4x + 1$

$\mathbf{d = 22; r_1 = 16}$;

Disc $= -6233720813681904466023416875 99$

$R = 22.61032$

$P = x^{22} + 6x^{21} + 3x^{20} - 50x^{19} - 115x^{18} + 21x^{17} + 403x^{16} + 541x^{15} - 80x^{14} - 1035x^{13} - 1137x^{12} - 30 \times x^{11} + 1152x^{10} + 1190x^9 + 250x^8 - 546x^7 - 591x^6 - 213x^5 + 65x^4 + 105x^3 + 49x^2 + 11x + 1$

$\mathbf{d = 22; r_1 = 18}$;

Disc $= 6370564398942712941914256178709$

$R = 25.12985$

$P = x^{22} + 11x^{21} + 38x^{20} - 5x^{19} - 314x^{18} - 489x^{17} + 778x^{16} + 2450x^{15} - 227x^{14} - 5415x^{13} - 2125 \times x^{12} + 6685x^{11} + 3996x^{10} - 5202x^9 - 3294x^8 + 2768x^7 + 1465x^6 - 928x^5 - 307x^4 + 167x^3 + 19x^2 - 12x + 1$

$\mathbf{d = 22; r_1 = 20}$;

Disc $= -1353514948897277134099564029 75371$

$R = 28.87494$

$P = T_{22} + T_{21} + T_{19} - T_{17} - T_{16} - 2T_{15} - T_{14} - 2T_{13} - 2T_{12} - T_{10} + T_6 - T_5 + T_4 + T_3 - T_2 + T_1$

$\mathbf{d = 22; r_1 = 22}$;

$\mathrm{Disc} = 36524234903543667650116187181961 7$
$R = 30.20768$
$P = x^{22} + 8x^{21} - 8x^{20} - 196x^{19} - 311x^{18} + 1078x^{17} + 2995x^{16} - 1201x^{15} - 9295x^{14} - 3695x^{13} + 12712 \times x^{12} + 11154x^{11} - 6929x^{10} - 11386x^{9} - 650x^{8} + 4866x^{7} + 1998x^{6} - 564x^{5} - 544x^{4} - 75x^{3} + 31x^{2} + 11x + 1$

$\mathbf{d = 23; r_1 = 1}$;

Disc $= -57004138488975048287409 83$

$R = 11.92185$

$P = x^{23} + 2x^{22} + 4x^{21} + 7x^{20} + 12x^{19} + 18x^{18} + 25x^{17} + 33x^{16} + 41x^{15} + 47x^{14} + 52x^{13} + 55x^{12} + 55 \times x^{11} + 52x^{10} + 47x^9 + 41x^8 + 34x^7 + 26x^6 + 19x^5 + 13x^4 + 8x^3 + 5x^2 + 3x + 1$

$\mathbf{d = 23; r_1 = 3}$;

Disc $= 39850626363502626331955221$

$R = 12.97366$

$P = x^{23} + x^{22} - 13x^{21} - 14x^{20} + 71x^{19} + 88x^{18} - 207x^{17} - 322x^{16} + 326x^{15} + 741x^{14} - 186x^{13} - 1080 \times x^{12} - 266x^{11} + 947x^{10} + 642x^9 - 408x^8 - 572x^7 - 26x^6 + 240x^5 + 107x^4 - 26x^3 - 34x^2 - 10x - 1$

$\mathbf{d = 23; r_1 = 5}$;

Disc $= -30322038383057504116906 5359$

$R = 14.17036$

$P = x^{23} - 5x^{21} - x^{20} + 10x^{19} + 8x^{18} - 14x^{17} - 22x^{16} + 16x^{15} + 30x^{14} - 4x^{13} - 33x^{12} - 11x^{11} + 32 \times x^{10} + 12x^9 - 15x^8 - 15x^7 + 7x^6 + 11x^5 - 4x^4 - 3x^3 - x^2 + 3x - 1$

$\mathbf{d = 23; r_1 = 7}$;

Disc $= 31311258344639614831057658 69$

$R = 15.68430$

$P = T_{23} + T_{21} - T_{20} + T_{19} - T_{18} + T_{17} - T_{16} + 2T_{15} + 2T_{13} - T_{12} + T_{11} - T_{10} + T_9 + T_7 + T_6 + T_5 - T_2$

$\mathbf{d = 23; r_1 = 9}$;

Disc $= -16656303582514502292550218959$

$R = 16.86651$

$P = x^{23} - 48x^{21} + 628x^{19} + 156x^{18} - 2808x^{17} - 784x^{16} + 6433x^{15} + 1759x^{14} - 8770x^{13} - 2329x^{12} + 7618 \times x^{11} + 2009x^{10} - 4336x^9 - 1166x^8 + 1614x^7 + 452x^6 - 379x^5 - 112x^4 + 51x^3 + 16x^2 - 3x - 1$

$\mathbf{d = 23; r_1 = 11}$;

Disc $= 84916912318749942532982108857$

$R = 18.10433$

$P = T_{23} + 2T_{21} + 3T_{19} + 5T_{17} - T_{16} + 8T_{15} - T_{14} + 9T_{13} + 10T_{11} + 12T_9 - T_8 + 12T_7 + 9T_5 + T_4 + 7T_3 + 5T_1 - 1$

$\mathbf{d = 23; r_1 = 13}$;

Disc $= -92000126945481416954161950 8879$

$R = 20.08045$

$P = x^{23} + 17x^{22} + 86x^{21} + 94x^{20} - 373x^{19} - 613x^{18} + 1238x^{17} + 1190x^{16} - 4133x^{15} + 312x^{14} + 8634x^{13} - 7053 \times x^{12} - 6380x^{11} + 12963x^{10} - 6791x^9 - 2397x^8 + 7972x^7 - 8681x^6 + 6177x^5 - 3285x^4 + 1330x^3 - 349x^2 + 39x + 1$

$\mathbf{d = 23; r_1 = 15}$;

Disc $= 57176732045163841052796088 22393$

$R = 21.74054$

$P = T_{23} + 2T_{21} + 3T_{19} + 3T_{17} + T_{16} + 3T_{15} + 2T_{14} + 3T_{13} + 2T_{12} + 4T_{11} + 2T_{10} + 4T_9 + 2T_8 + 4T_7 + 2 \times T_6 + 3T_5 + 3T_4 + 2T_3 + 2T_2 + T_1 + 1$

$\mathbf{d = 23; r_1 = 17}$;

Disc $= -69709661714752758356178409 180639$

$R = 24.23768$

$P = x^{23} + x^{22} - 21x^{21} - 20x^{20} + 171x^{19} + 154x^{18} - 730x^{17} - 613x^{16} + 2000x^{15} + 1444x^{14} - 4059x^{13} - 1802 \times x^{12} + 6155x^{11} + 188x^{10} - 6005x^9 + 2401x^8 + 2697x^7 - 2545x^6 + 229x^5 + 672x^4 - 422x^3 + 119x^2 - 17x + 1$

$\mathbf{d = 23; r_1 = 19}$;

Disc $= 1313804654055806381906042891296273$

$R = 27.53824$

$P = T_{23} + T_{22} + 2T_{21} + T_{20} + T_{17} + 3T_{16} + 2T_{15} + 2T_{14} - 2T_{13} - 2T_{12} - 3T_{11} - 2T_{10} - 2T_9 - 2T_8 - 2 \times T_7 - 5T_6 - 4T_5 - 7T_4 - 4T_3 - 3T_2 + 2T_1 + 1$

$\mathbf{d = 23; r_1 = 21}$;

Disc $= -10458906171565488105583974063570203$

$R = 30.13756$

$P = T_{23} + T_{22} + 3T_{20} - 2T_{18} + T_{17} - 6T_{16} - T_{15} - 2T_{13} + 6T_{12} + 2T_{11} + 5T_{10} + 3T_9 - 3T_8 - 3T_7 - 4 \times T_6 - 7T_5 + 4T_3 + 11T_1 - 1$

$\mathbf{d = 23; r_1 = 23}$;

Disc $= 1263279378124976719006708978931912753$

$R = 37.12192$
$P = T_{23} + 2T_{22} - T_{21} - 2T_{20} + 2T_{19} - T_{18} - 2T_{17} + 4T_{16} - 2T_{15} - 2T_{14} + 7T_{13} - 5T_{12} - 5T_{11} + 9T_{10} - 5 \times T_9 - 3T_8 + 11T_7 - 9T_6 - 3T_5 + 13T_4 - 11T_3 - 2T_2 + 14T_1 - 11$

$\mathbf{d = 24; r_1 = 0}$;

Disc $= 298086706694766690926106 01$

$R = 11.51943$

$P = x^{24} + x^{23} - 3x^{21} - 3x^{20} + x^{19} + 7x^{18} + 5x^{17} - 3x^{16} - 10x^{15} - 7x^{14} + 6x^{13} + 11x^{12} + 6x^{11} - 7x^{10} - 10 \times x^9 - 3x^8 + 5x^7 + 7x^6 + x^5 - 3x^4 - 3x^3 + x + 1$

$\mathbf{d = 24; r_1 = 2}$;

Disc $= -16696033709466188323802560 7$

$R = 12.37681$

$P = x^{24} + 5x^{23} + 13x^{22} + 22x^{21} + 27x^{20} + 24x^{19} + 14x^{18} + 2x^{17} - 8x^{16} - 19x^{15} - 33x^{14} - 46x^{13} - 51 \times x^{12} - 46x^{11} - 33x^{10} - 19x^9 - 8x^8 + 2x^7 + 14x^6 + 24x^5 + 27x^4 + 22x^3 + 13x^2 + 5x + 1$

$\mathbf{d = 24; r_1 = 4}$;

Disc $= 11464136395919394565380837 49$

$R = 13.41135$

$P = x^{24} + 16x^{23} + 112x^{22} + 458x^{21} + 1207x^{20} + 2046x^{19} + 1858x^{18} - 432x^{17} - 3875x^{16} - 5018x^{15} - 1199 \times x^{14} + 5345x^{13} + 8623x^{12} + 5345x^{11} - 1199x^{10} - 5018x^9 - 3875x^8 - 432x^7 + 1858x^6 + 2046x^5 + 1207 \times x^4 + 458x^3 + 112x^2 + 16x + 1$

$\mathbf{d = 24; r_1 = 6}$;

Disc $= -67533891449249021749757870 08$

$R = 14.43987$

$P = x^{24} + 11x^{23} + 60x^{22} + 187x^{21} + 263x^{20} - 385x^{19} - 2937x^{18} - 7607x^{17} - 11432x^{16} - 8886x^{15} + 2575 \times x^{14} + 17177x^{13} + 23933x^{12} + 17177x^{11} + 2575x^{10} - 8886x^9 - 11432x^8 - 7607x^7 - 2937x^6 - 385x^5 + 263 \times x^4 + 187x^3 + 60x^2 + 11x + 1$

$\mathbf{d = 24; r_1 = 8}$;

Disc $= 37726708412975475239847251521$

$R = 15.51293$

$P = x^{24} + x^{23} - 7x^{22} + x^{21} + 25x^{20} - 26x^{19} - 36x^{18} + 86x^{17} - 13x^{16} - 122x^{15} + 116x^{14} + 60x^{13} - 173 \times x^{12} + 60x^{11} + 116x^{10} - 122x^9 - 13x^8 + 86x^7 - 36x^6 - 26x^5 + 25x^4 + x^3 - 7x^2 + x + 1$

$\mathbf{d = 24; r_1 = 10}$;

Disc $= -4560830701543858525596782 80271$

$R = 17.21050$

$P = x^{24} + 4x^{23} - 3x^{22} - 38x^{21} - 48x^{20} + 88x^{19} + 293x^{18} + 174x^{17} - 432x^{16} - 911x^{15} - 446x^{14} + 743 \times x^{13} + 1389x^{12} + 743x^{11} - 446x^{10} - 911x^9 - 432x^8 + 174x^7 + 293x^6 + 88x^5 - 48x^4 - 38x^3 - 3x^2 + 4x + 1$

$\mathbf{d = 24; r_1 = 12}$;

Disc $= 2073231862638254315925498617309$

$R = 18.33132$

$P = x^{24} + x^{23} - 10x^{22} - 10x^{21} + 43x^{20} + 34x^{19} - 92x^{18} - 37x^{17} + 67x^{16} - 39x^{15} + 92x^{14} + 138x^{13} - 201 \times x^{12} - 138x^{11} + 92x^{10} + 39x^9 + 67x^8 + 37x^7 - 92x^6 - 34x^5 + 43x^4 + 10x^3 - 10x^2 - x + 1$

$\mathbf{d = 24; r_1 = 14}$;

Disc $= -2064376007658461029607133876 6199$

$R = 20.17357$

$P = x^{24} + 4x^{23} - 16x^{22} - 95x^{21} + 9x^{20} + 718x^{19} + 868x^{18} - 1823x^{17} - 4106x^{16} + 886x^{15} + 7355x^{14} + 2643 \times x^{13} - 6249x^{12} - 4251x^{11} + 2775x^{10} + 2744x^9 - 864x^8 - 1224x^7 + 187x^6 + 498x^5 + 96x^4 - 88x^3 - 54x^2 - 12x - 1$

$\mathbf{d = 24; r_1 = 16}$;

Disc $= 1940274429965189798774512787 93329$

$R = 22.14765$

$P = x^{24} + 5x^{23} - 8x^{22} - 87x^{21} - 85x^{20} + 404x^{19} + 759x^{18} - 757x^{17} - 2293x^{16} + 693x^{15} + 4053x^{14} - 141 \times x^{13} - 5088x^{12} - 991x^{11} + 4407x^{10} + 2072x^9 - 2121x^8 - 1809x^7 + 236x^6 + 688x^5 + 192x^4 - 66x^3 - 52x^2 - 12x - 1$

$\mathbf{d = 24; r_1 = 18}$;

Disc $= -3301042562020283070513532318984651$

$R = 24.92358$

$P = T_{24} + T_{22} + T_{19} - 2T_{18} + 2T_{17} - 4T_{16} + 3T_{15} - 7T_{14} + 4T_{13} - 10T_{12} + 5T_{11} - 12T_{10} + 5T_9 - 13T_8 + 4 \times T_7 - 12T_6 + 3T_5 - 9T_4 + 2T_3 - 6T_2 + T_1 - 2$

$\mathbf{d = 24; r_1 = 20}$;

Disc $= 6016749386376440407204942088549 2553$

$R = 28.12808$

$P = T_{24} + 2T_{23} + 3T_{22} + 5T_{21} + 7T_{20} + 10T_{19} + 13T_{18} + 16T_{17} + 20T_{16} + 24T_{15} + 27T_{14} + 31T_{13} + 34 \times T_{12} + 37T_{11} + 39T_{10} + 40T_9 + 41T_8 + 39T_7 + 38T_6 + 35T_5 + 31T_4 + 26T_3 + 20T_2 + 14T_1 + 7$

$\mathbf{d = 24; r_1 = 22}$;

Disc $= -9563702708855867937984901612118917 91$

$R = 31.56405$

$P = x^{24} + x^{23} - 28x^{22} - 44x^{21} + 245x^{20} + 514x^{19} - 766x^{18} - 2489x^{17} + 129x^{16} + 5601x^{15} + 3951x^{14} - 5619 \times x^{13} - 8562x^{12} + 785x^{11} + 7745x^{10} + 3228x^9 - 2971x^8 - 2730x^7 + 26x^6 + 808x^5 + 281x^4 - 44x^3 - 50x^2 - 12x - 1$

$\mathbf{d = 24; r_1 = 24}$;

Disc $= 1617617866266983773172035217285156 25$

$R = 29.31140$

$P = T_{24} + T_{23} - T_{21} - T_{20} - T_{19} - T_{18} - T_{17} + T_{15} + T_{14} + T_{13} + T_{12} + T_{11} - T_6 - T_5 - T_4$

$\mathbf{d = 25; r_1 = 1}$;

Disc $= 2432741752737839204357457821$

$R = 12.45787$

$P = x^{25} + 2x^{24} + 5x^{23} + 11x^{22} + 20x^{21} + 33x^{20} + 52x^{19} + 76x^{18} + 104x^{17} + 134x^{16} + 164x^{15} + 190x^{14} + 210 \times x^{13} + 220x^{12} + 218x^{11} + 205x^{10} + 183x^9 + 155x^8 + 122x^7 + 90x^6 + 61x^5 + 39x^4 + 22x^3 + 11x^2 + 4x + 1$

$\mathbf{d = 25; r_1 = 3}$;

Disc $= -2158407377916480314682427015 1$

$R = 13.59457$

$P = x^{25} + 3x^{24} - 6x^{23} - 21x^{22} + 24x^{21} + 80x^{20} - 70x^{19} - 202x^{18} + 158x^{17} + 369x^{16} - 279x^{15} - 503 \times x^{14} + 392x^{13} + 515x^{12} - 435x^{11} - 388x^{10} + 373x^9 + 203x^8 - 237x^7 - 64x^6 + 105x^5 + 6x^4 - 29x^3 + 3x^2 + 4x - 1$

$\mathbf{d = 25; r_1 = 5}$;

Disc $= 2985372891698335023172538704 01$

$R = 15.10080$

$P = x^{25} + 2x^{24} - 14x^{23} - 32x^{22} + 64x^{21} + 165x^{20} - 205x^{19} - 519x^{18} + 516x^{17} + 1116x^{16} - 1052x^{15} - 1637 \times x^{14} + 1593x^{13} + 1645x^{12} - 1681x^{11} - 1157x^{10} + 1211x^9 + 586x^8 - 588x^7 - 219x^6 + 186x^5 + 60x^4 - 35 \times x^3 - 11x^2 + 3x + 1$

$\mathbf{d = 25; r_1 = 7}$;

Disc $= -4928348889203604903004824052 07$

$R = 15.40664$

$P = x^{25} + 9x^{24} + 24x^{23} + 18x^{22} - 74x^{21} - 253x^{20} - 271x^{19} + 248x^{18} + 1121x^{17} + 1196x^{16} - 519x^{15} - 2773 \times x^{14} - 2417x^{13} + 1183x^{12} + 3810x^{11} + 1983x^{10} - 1597x^9 - 2387x^8 - 568x^7 + 758x^6 + 599x^5 + 74x^4 - 98 \times x^3 - 55x^2 - 12x - 1$

$\mathbf{d = 25; r_1 = 9}$;

Disc $= 1517076191827866806509343036 1277$

$R = 17.67015$

$P = x^{25} + 6x^{24} + 11x^{23} - 7x^{22} - 63x^{21} - 100x^{20} - 8x^{19} + 218x^{18} + 364x^{17} + 171x^{16} - 317x^{15} - 669x^{14} - 485 \times x^{13} + 125x^{12} + 614x^{11} + 584x^{10} + 163x^9 - 222x^8 - 314x^7 - 181x^6 - 22x^5 + 51x^4 + 49x^3 + 24x^2 + 7x + 1$

$\mathbf{d = 25; r_1 = 11}$;

Disc $= -1025620578222714874390153818854 11$

$R = 19.07390$

$P = x^{25} - 18x^{22} + 96x^{21} + 129x^{20} - 1082x^{19} - 692x^{18} + 4253x^{17} + 2284x^{16} - 8726x^{15} - 4460x^{14} + 10755 \times x^{13} + 5412x^{12} - 8481x^{11} - 4247x^{10} + 4385x^9 + 2193x^8 - 1480x^7 - 740x^6 + 314x^5 + 157x^4 - 38x^3 - 19x^2 + 2x + 1$

$\mathbf{d = 25; r_1 = 13}$;

Disc $= 8611946338735433991797796967712 33$

$R = 20.76845$

$P = T_{25} + 2T_{23} + 5T_{21} + 9T_{19} + 15T_{17} + 22T_{15} + 29T_{13} + 35T_{11} + 38T_9 + T_8 + 38T_7 + 34T_5 + 25T_3 + 14T_1$

$\mathbf{d = 25; r_1 = 15}$;

Disc $= -4469381691046814503341812472620483$

$R = 22.18247$

$P = T_{25} + 2T_{23} + 2T_{21} + 2T_{19} + T_{18} + 3T_{17} + T_{16} + 4T_{15} + T_{14} + 4T_{13} + T_{12} + 4T_{11} + T_{10} + 4T_9 + T_8 + 4 \times T_7 + T_6 + 3T_5 + T_4 + 2T_3 + T_2$

$\mathbf{d = 25; r_1 = 17}$;

Disc $= 3845182505070968727486685101797214 1$

$R = 24.17668$

$P = T_{25} + T_{24} + T_{23} + T_{22} + T_{21} + T_{20} + 2T_{19} + 2T_{18} + 2T_{17} + 2T_{16} + 2T_{15} + 2T_{14} + 3T_{13} + 2T_{12} + 2 \times T_{11} + 2T_{10} + 3T_9 + 2T_8 + 2T_7 + 2T_6 + 2T_5 + T_4 + 2T_3 + T_2$

$\mathbf{d = 25; r_1 = 19}$;

Disc $= -6289414993809152921613814099762286 99$

$R = 27.03612$

$P = T_{25} + 2T_{24} + 3T_{23} + 3T_{22} + 3T_{21} + 3T_{20} + 3T_{19} + 3T_{18} + 3T_{17} + 3T_{16} + 3T_{15} + 3T_{14} + 2T_{13} + T_{12} - T_{10} - 2 \times T_9 - 3T_8 - 5T_7 - 5T_6 - 5T_5 - 4T_4 - 3T_3 - 2T_2 - T_1$

$\mathbf{d = 25; r_1 = 21}$;

Disc $= 9577820243593890657888447093572784229$

$R = 30.14746$

$P = T_{25} - T_{22} - 2T_{21} + T_{18} + 2T_{17} - T_{14} - 2T_{13} + T_{10} + 2T_9 - T_5 + T_4 - T_2 + T_1 - 1$

$\mathbf{d = 25; r_1 = 23}$;

Disc $= -20868853678825762043227237102441106484 7$

$R = 34.10201$

$P = T_{25} + 2T_{24} + 2T_{23} + 2T_{22} + 2T_{21} + 2T_{20} - 2T_{17} - 2T_{16} - 2T_{15} - 2T_{14} - 3T_{13} - T_{12} + T_{11} - 2T_6 - 2 \times T_5 - 4T_4 - 4T_3 - 3T_2 - 3T_1 - 3$

$\mathbf{d = 25; r_1 = 25}$;

Disc $= 323864798488452770542002894441322504377 7$

$R = 38.05525$

$P = T_{25} + T_{24} + T_{23} + 2T_{22} + T_{21} + 3T_{20} + T_{19} + 3T_{18} + T_{17} + 2T_{16} + T_{15} + T_{13} - 3T_{12} + T_{11} - 6T_{10} + T_9 - 8 \times T_8 + T_7 - 9T_6 + T_5 - 8T_4 + T_3 - 6T_2 + T_1 - 2$

$\mathbf{d = 26; r_1 = 0}$;

Disc $= -1294694035711650734989716458 3$

$R = 12.05694$

$P = x^{26} + 9x^{25} + 40x^{24} + 112x^{23} + 215x^{22} + 284x^{21} + 227x^{20} + 14x^{19} - 240x^{18} - 301x^{17} + 21x^{16} + 675 \times x^{15} + 1338x^{14} + 1617x^{13} + 1338x^{12} + 675x^{11} + 21x^{10} - 301x^{9} - 240x^{8} + 14x^{7} + 227x^{6} + 284x^{5} + 215 \times x^{4} + 112x^{3} + 40x^{2} + 9x + 1$

$\mathbf{d = 26; r_1 = 2}$;

Disc $= 6137458277892665769125034916 9$

$R = 12.80060$

$P = x^{26} + 3x^{25} + 7x^{24} + 12x^{23} + 17x^{22} + 20x^{21} + 21x^{20} + 18x^{19} + 10x^{18} - 2x^{17} - 17x^{16} - 30x^{15} - 39 \times x^{14} - 41x^{13} - 39x^{12} - 30x^{11} - 17x^{10} - 2x^{9} + 10x^{8} + 18x^{7} + 21x^{6} + 20x^{5} + 17x^{4} + 12x^{3} + 7x^{2} + 3x + 1$

$\mathbf{d = 26; r_1 = 4}$;

Disc $= -5629439179111792422016784337 11$

$R = 13.93955$

$P = x^{26} + 7x^{25} + 29x^{24} + 89x^{23} + 216x^{22} + 428x^{21} + 698x^{20} + 924x^{19} + 940x^{18} + 596x^{17} - 129x^{16} - 1052 \times x^{15} - 1833x^{14} - 2139x^{13} - 1833x^{12} - 1052x^{11} - 129x^{10} + 596x^{9} + 940x^{8} + 924x^{7} + 698x^{6} + 428x^{5} + 216 \times x^{4} + 89x^{3} + 29x^{2} + 7x + 1$

$\mathbf{d = 26; r_1 = 6}$;

Disc $= 3442000946409890538847426585973$

$R = 14.94489$

$P = x^{26} - 3x^{22} - 3x^{21} - 4x^{20} - 4x^{19} - x^{18} + x^{17} + 7x^{16} + 11x^{15} + 13x^{14} + 17x^{13} + 13x^{12} + 11x^{11} + 7 \times x^{10} + x^{9} - x^{8} - 4x^{7} - 4x^{6} - 3x^{5} - 3x^{4} + 1$

$\mathbf{d = 26; r_1 = 8}$;

Disc $= -4926035804860806568321179897 3347$

$R = 16.55550$

$P = x^{26} + 12x^{25} + 58x^{24} + 132x^{23} + 79x^{22} - 291x^{21} - 700x^{20} - 446x^{19} + 444x^{18} + 919x^{17} + 461x^{16} - 281 \times x^{15} - 700x^{14} - 803x^{13} - 700x^{12} - 281x^{11} + 461x^{10} + 919x^{9} + 444x^{8} - 446x^{7} - 700x^{6} - 291x^{5} + 79x^{4} + 132 \times x^{3} + 58x^{2} + 12x + 1$

$\mathbf{d = 26; r_1 = 10}$;

Disc $= 2449907577961412958567677441568 49$

$R = 17.60907$

$P = x^{26} + 13x^{25} + 68x^{24} + 170x^{23} + 129x^{22} - 403x^{21} - 1339x^{20} - 1781x^{19} - 831x^{18} + 1292x^{17} + 3082 \times x^{16} + 2810x^{15} + 672x^{14} - 637x^{13} + 672x^{12} + 2810x^{11} + 3082x^{10} + 1292x^{9} - 831x^{8} - 1781x^{7} - 1339 \times x^{6} - 403x^{5} + 129x^{4} + 170x^{3} + 68x^{2} + 13x + 1$

$\mathbf{d = 26; r_1 = 12}$;

Disc $= -4148505108513599626883951355251 819$

$R = 19.63341$

$P = x^{26} + 10x^{25} + 29x^{24} + 4x^{23} - 136x^{22} - 276x^{21} - 75x^{20} + 639x^{19} + 1218x^{18} + 439x^{17} - 1689x^{16} - 2937 \times x^{15} - 1124x^{14} + 2554x^{13} + 4100x^{12} + 1530x^{11} - 2278x^{10} - 3199x^{9} - 1050x^{8} + 1042x^{7} + 1224x^{6} + 385 \times x^{5} - 149x^{4} - 178x^{3} - 69x^{2} - 13x - 1$

$\mathbf{d = 26; r_1 = 14}$;

Disc $= 1158862717907874566582656218709 5881$

$R = 20.42467$

$P = x^{26} + 16x^{25} + 92x^{24} + 188x^{23} - 275x^{22} - 2000x^{21} - 2757x^{20} + 2806x^{19} + 11978x^{18} + 8741x^{17} - 10454 \times x^{16} - 19142x^{15} - 1907x^{14} + 12137x^{13} - 1907x^{12} - 19142x^{11} - 10454x^{10} + 8741x^{9} + 11978x^{8} + 2806 \times x^{7} - 2757x^{6} - 2000x^{5} - 275x^{4} + 188x^{3} + 92x^{2} + 16x + 1$

$\mathbf{d = 26; r_1 = 16}$;

Disc $= -2993008104839525388469191301777832 23$

$R = 23.14545$

$P = x^{26} + 6x^{25} - 3x^{24} - 83x^{23} - 88x^{22} + 467x^{21} + 871x^{20} - 1314x^{19} - 3745x^{18} + 1615x^{17} + 9179x^{16} + 731 \times x^{15} - 13720x^{14} - 5269x^{13} + 12504x^{12} + 7540x^{11} - 6578x^{10} - 5393x^{9} + 1712x^{8} + 2139x^{7} - 100x^{6} - 531 \times x^{5} - 47x^{4} + 104x^{3} + 15x^{2} - 11x - 1$

$\mathbf{d = 26; r_1 = 18}$;

Disc $= 1232800623529777210442686183374089 609$

$R = 24.44057$

$P = x^{26} + 5x^{25} - 4x^{24} - 61x^{23} - 109x^{22} + 100x^{21} + 936x^{20} + 1441x^{19} - 2180x^{18} - 7870x^{17} - 1268 \times x^{16} + 15938x^{15} + 12576x^{14} - 14257x^{13} - 21085x^{12} + 2604x^{11} + 16382x^{10} + 5249x^{9} - 5843x^{8} - 4255 \times x^{7} + 317x^{6} + 1188x^{5} + 338x^{4} - 70x^{3} - 60x^{2} - 13x - 1$

$\mathbf{d = 26; r_1 = 20}$;

Disc $= -53912403111476991803558782137987393359$

$R = 28.26303$

$P = x^{26} + 7x^{25} - 19x^{24} - 199x^{23} - 98x^{22} + 1512x^{21} + 1971x^{20} - 4955x^{19} - 9285x^{18} + 7658x^{17} + 21463 \times x^{16} - 3798x^{15} - 28235x^{14} - 4785x^{13} + 22255x^{12} + 8952x^{11} - 10764x^{10} - 6683x^{9} + 3163x^{8} + 3129x^{7} - 291 \times x^{6} - 946x^{5} - 224x^{4} + 94x^{3} + 62x^{2} + 13x + 1$

$\mathbf{d = 26; r_1 = 22}$;

Disc $= 24009382561980256816623219624680429780 9$

$R = 29.93426$

$P = T_{26} + T_{25} + T_{24} + 2T_{23} + T_{22} + 2T_{21} + T_{20} + T_{19} + T_{18} + T_{16} + T_{14} + T_{13} + T_{12} + T_{11} + T_{10} + T_{8} - T_{7} + T_{6} - T_{5}$

$\mathbf{d = 26; r_1 = 24}$;

Disc $= -85807741957203086007138227630510650625 59$

$R = 34.34827$

$P = T_{26} + 2T_{25} + 2T_{24} + 3T_{23} + 4T_{22} + 4T_{21} + 4T_{20} + 5T_{19} + 6T_{18} + 6T_{17} + 6T_{16} + 7T_{15} + 8T_{14} + 8T_{13} + 8 \times T_{12} + 8T_{11} + 8T_{10} + 8T_{9} + 8T_{8} + 7T_{7} + 6T_{6} + 6T_{5} + 6T_{4} + 5T_{3} + 4T_{2} + 3T_{1} + 2$

$\mathbf{d = 26; r_1 = 26}$;

Disc $= 335808390948037926724867900331515297233929$

$R = 39.55099$

$P = x^{26} + 6x^{25} - 27x^{24} - 211x^{23} + 50x^{22} + 2070x^{21} + 1572x^{20} - 8791x^{19} - 11035x^{18} + 18696x^{17} + 32864 \times x^{16} - 18614x^{15} - 53534x^{14} + 1089x^{13} + 50217x^{12} + 16712x^{11} - 25706x^{10} - 17087x^{9} + 5199x^{8} + 7437 \times x^{7} + 879x^{6} - 1342x^{5} - 536x^{4} + 22x^{3} + 56x^{2} + 13x + 1$

$\mathbf{d = 27; r_1 = 1}$;

Disc $= -5468903263342095456269226328651$

$R = 13.75437$

$P = x^{27} + x^{25} + 9x^{24} - 2x^{23} + 8x^{22} + 25x^{21} - 14x^{20} + 19x^{19} + 18x^{18} - 30x^{17} + 11x^{16} - 12x^{15} - 22 \times x^{14} - 13x^{12} + 9x^{11} + 6x^{10} + x^9 + 13x^8 + 3x^7 - 3x^6 - 2x^5 - x^4 - 2x^3 - 2x^2 + x + 1$

$\mathbf{d = 27; r_1 = 3}$;

Disc $= 3340938047528638705033316940349 3$

$R = 14.70790$

$P = x^{27} - 9x^{25} - 3x^{24} + 41x^{23} + 21x^{22} - 119x^{21} - 76x^{20} + 248x^{19} + 177x^{18} - 394x^{17} - 298x^{16} + 497x^{15} + 381 \times x^{14} - 505x^{13} - 380x^{12} + 414x^{11} + 296x^{10} - 272x^9 - 179x^8 + 140x^7 + 83x^6 - 54x^5 - 29x^4 + 14x^3 + 7x^2 - 2x - 1$

$\mathbf{d = 27; r_1 = 5}$;

Disc $= -2349142647866202403566817733367 71$

$R = 15.80966$

$P = x^{27} + x^{26} - x^{25} - 8x^{24} - 3x^{23} + 21x^{22} + 36x^{21} - 16x^{20} - 106x^{19} - 77x^{18} + 121x^{17} + 250x^{16} + 49x^{15} - 294 \times x^{14} - 296x^{13} + 94x^{12} + 346x^{11} + 137x^{10} - 185x^9 - 187x^8 + 30x^7 + 109x^6 + 18x^5 - 37x^4 - 11x^3 + 8x^2 + 2x - 1$

$\mathbf{d = 27; r_1 = 7}$;

Disc $= 1429978451906958111225491474357161$

$R = 16.90344$

$P = x^{27} + 3x^{26} - 6x^{25} - 24x^{24} + 15x^{23} + 83x^{22} - 49x^{21} - 204x^{20} + 190x^{19} + 437x^{18} - 506x^{17} - 697 \times x^{16} + 1040x^{15} + 715x^{14} - 1678x^{13} - 305x^{12} + 1953x^{11} - 341x^{10} - 1494x^9 + 694x^8 + 647x^7 - 518x^6 - 91 \times x^5 + 179x^4 - 30x^3 - 21x^2 + 9x - 1$

$\mathbf{d = 27; r_1 = 9}$;

Disc $= -2756806954889841055114155359221 9511$

$R = 18.86126$

$P = T_{27} + 8T_{25} + 35T_{23} + 108T_{21} + T_{20} + 262T_{19} + 4T_{18} + 529T_{17} + 10T_{16} + 922T_{15} + 19T_{14} + 1417T_{13} + 30 \times T_{12} + 1941T_{11} + 39T_{10} + 2375T_9 + 45T_8 + 2580T_7 + 46T_6 + 2442T_5 + 41T_4 + 1917T_3 + 29T_2 + 1056T_1 + 11$

$\mathbf{d = 27; r_1 = 11}$;

Disc $= 1463221179184129336767479862248037 53$

$R = 20.06406$

$P = T_{27} + 2T_{26} + 5T_{25} + 7T_{24} + 12T_{23} + 15T_{22} + 23T_{21} + 27T_{20} + 38T_{19} + 42T_{18} + 56T_{17} + 60T_{16} + 76T_{15} + 78 \times T_{14} + 95T_{13} + 95T_{12} + 111T_{11} + 106T_{10} + 117T_9 + 107T_8 + 114T_7 + 100T_6 + 100T_5 + 81T_4 + 73T_3 + 52T_2 + 38T_1 + 17$

$\mathbf{d = 27; r_1 = 13}$;

Disc $= -7843541685887061085663411843976948 39$

$R = 21.35140$

$P = x^{27} + 4x^{26} - 10x^{25} - 55x^{24} + 14x^{23} + 332x^{22} + 225x^{21} - 1102x^{20} - 1490x^{19} + 2023x^{18} + 4601 \times x^{17} - 1499x^{16} - 8471x^{15} - 1676x^{14} + 9745x^{13} + 5489x^{12} - 6778x^{11} - 6337x^{10} + 2403x^9 + 3995x^8 - 30 \times x^7 - 1408x^6 - 294x^5 + 246x^4 + 93x^3 - 12x^2 - 9x - 1$

$\mathbf{d = 27; r_1 = 15}$;

Disc $= 3319313224989323103252987636655149625$

$R = 22.52327$

$P = x^{27} + 11x^{26} + 42x^{25} + 28x^{24} - 264x^{23} - 795x^{22} - 381x^{21} + 2272x^{20} + 4889x^{19} + 1758x^{18} - 7694 \times x^{17} - 13347x^{16} - 5322x^{15} + 10807x^{14} + 18283x^{13} + 9098x^{12} - 6666x^{11} - 13311x^{10} - 7324x^9 + 1618 \times x^8 + 4740x^7 + 2625x^6 + 125x^5 - 614x^4 - 372x^3 - 107x^2 - 16x - 1$

$\mathbf{d = 27; r_1 = 17}$;

Disc $= -4970484095386341809702111391800506 0279$

$R = 24.89791$

$P = T_{27} + 3T_{25} + 6T_{23} + 9T_{21} - 2T_{20} + 12T_{19} - 5T_{18} + 15T_{17} - 8T_{16} + 17T_{15} - 10T_{14} + 18T_{13} - 11T_{12} + 18 \times T_{11} - 11T_{10} + 17T_9 - 11T_8 + 15T_7 - 10T_6 + 12T_5 - 8T_4 + 9T_3 - 5T_2 + 5T_1 - 2$

$\mathbf{d = 27; r_1 = 19}$;

Disc $= 2956030515412888303288907625626938239 53$

$R = 26.59752$

$P = T_{27} + T_{26} + 2T_{25} + 2T_{24} + 3T_{23} + 2T_{22} + 4T_{21} + 3T_{20} + 5T_{19} + 3T_{18} + 5T_{17} + 3T_{16} + 4T_{15} + 2T_{14} + 3 \times T_{13} + T_{12} + 2T_{11} + T_9 - T_8 - T_6 - T_4 - T_2$

$\mathbf{d = 27; r_1 = 21}$;

Disc $= -1656610069586024829207021466688909040 1291$

$R = 30.87456$
$P = x^{27} + x^{26} - 91x^{25} - 297x^{24} + 519x^{23} + 2664x^{22} - 463x^{21} - 10464x^{20} - 3617x^{19} + 23855x^{18} + 13581 \times x^{17} - 35282x^{16} - 23074x^{15} + 35854x^{14} + 23558x^{13} - 25821x^{12} - 15673x^{11} + 13346x^{10} + 6969x^{9} - 4930 \times x^{8} - 2057x^{7} + 1271x^{6} + 387x^{5} - 217x^{4} - 42x^{3} + 22x^{2} + 2x - 1$

$\mathbf{d = 27; r_1 = 23}$;
Disc $= 22452663149998878231543082164464639555 5229$
$R = 34.00388$
$P = x^{27} + 2x^{26} - 59x^{25} - 150x^{24} + 588x^{23} + 1346x^{22} - 2625x^{21} - 4490x^{20} + 7913x^{19} + 7855x^{18} - 17224 \times x^{17} - 8774x^{16} + 26069x^{15} + 7635x^{14} - 26827x^{13} - 5999x^{12} + 18698x^{11} + 4069x^{10} - 8789x^{9} - 2070x^{8} + 2737 \times x^{7} + 714x^{6} - 540x^{5} - 155x^{4} + 61x^{3} + 19x^{2} - 3x - 1$

$\mathbf{d = 27; r_1 = 25}$;
Disc $= -1657961274340776665527922538946591948896853 9$
$R = 39.87723$
$P = T_{27} + T_{26} - T_{25} - 2T_{24} + 2T_{22} + 2T_{21} - T_{20} - 4T_{19} - 3T_{18} + T_{17} + 2T_{16} - 2T_{14} - 2T_{13} + 2 \times T_{11} + T_{10} - T_{9} - T_{8} + T_{7} + 3T_{6} + 3T_{5} - 2T_{3} + 3T_{1} + 3$

$\mathbf{d = 27; r_1 = 27}$;
Disc $= 7069650490151047064972031958376149145433573 69$
$R = 45.82356$
$P = T_{27} - T_{25} + 1$

$\mathbf{d = 28; r_1 = 0}$;

Disc $= 535732264304739988168404823348 9$

$R = 12.51591$

$P = x^{28} + x^{27} + x^{26} - x^{25} - 3x^{24} - 2x^{23} + x^{22} + 5x^{21} + 5x^{20} - 6x^{18} - 8x^{17} - 3x^{16} + 5x^{15} + 9x^{14} + 5 \times x^{13} - 3x^{12} - 8x^{11} - 6x^{10} + 5x^{8} + 5x^{7} + x^{6} - 2x^{5} - 3x^{4} - x^{3} + x^{2} + x + 1$

$\mathbf{d = 28; r_1 = 2}$;

Disc $= -474136085238465751318501462693 51$

$R = 13.52952$

$P = x^{28} + x^{27} + x^{26} + 2x^{25} + 2x^{24} + x^{23} - x^{20} - 2x^{19} + 2x^{17} + 2x^{16} + 4x^{15} + 5x^{14} + 4x^{13} + 2x^{12} + 2 \times x^{11} - 2x^{9} - x^{8} + x^{5} + 2x^{4} + 2x^{3} + x^{2} + x + 1$

$\mathbf{d = 28; r_1 = 4}$;

Disc $= 282624320801582908198049212626481$

$R = 14.42022$

$P = x^{28} + x^{27} - 50x^{26} - 399x^{25} - 1719x^{24} - 5152x^{23} - 11720x^{22} - 20960x^{21} - 29521x^{20} - 31288x^{19} - 20181 \times x^{18} + 5267x^{17} + 38724x^{16} + 67501x^{15} + 78873x^{14} + 67501x^{13} + 38724x^{12} + 5267x^{11} - 20181x^{10} - 31288 \times x^{9} - 29521x^{8} - 20960x^{7} - 11720x^{6} - 5152x^{5} - 1719x^{4} - 399x^{3} - 50x^{2} + x + 1$

$\mathbf{d = 28; r_1 = 6}$;

Disc $= -387500083045055487738095968258 4011$

$R = 15.83365$

$P = x^{28} + 14x^{27} + 95x^{26} + 407x^{25} + 1195x^{24} + 2402x^{23} + 2855x^{22} - 94x^{21} - 8744x^{20} - 20850x^{19} - 27132 \times x^{18} - 16312x^{17} + 13222x^{16} + 46588x^{15} + 61325x^{14} + 46588x^{13} + 13222x^{12} - 16312x^{11} - 27132x^{10} - 20850 \times x^{9} - 8744x^{8} - 94x^{7} + 2855x^{6} + 2402x^{5} + 1195x^{4} + 407x^{3} + 95x^{2} + 14x + 1$

$\mathbf{d = 28; r_1 = 8}$;

Disc $= 338071387383265659830842213227585 49$

$R = 17.10720$

$P = x^{28} + 9x^{27} + 24x^{26} - 26x^{25} - 178x^{24} + 562x^{22} - 55x^{21} - 1200x^{20} + 541x^{19} + 1803x^{18} - 1550x^{17} - 1419 \times x^{16} + 3513x^{15} + 426x^{14} - 6502x^{13} - 1616x^{12} + 7269x^{11} + 4424x^{10} - 3655x^{9} - 4397x^{8} - 176x^{7} + 1709 \times x^{6} + 840x^{5} - 60x^{4} - 195x^{3} - 78x^{2} - 14x - 1$

$\mathbf{d = 28; r_1 = 10}$;

Disc $= -139995858732548830277190931376069899$

$R = 17.99776$

$P = x^{28} + 12x^{27} + 66x^{26} + 208x^{25} + 347x^{24} - 50x^{23} - 1982x^{22} - 5840x^{21} - 9418x^{20} - 7590x^{19} + 3445 \times x^{18} + 19584x^{17} + 28288x^{16} + 18963x^{15} - 4538x^{14} - 24788x^{13} - 26873x^{12} - 12381x^{11} + 4299x^{10} + 11394 \times x^{9} + 8659x^{8} + 2893x^{7} - 680x^{6} - 1416x^{5} - 898x^{4} - 351x^{3} - 90x^{2} - 14x - 1$

$\mathbf{d = 28; r_1 = 12}$;

Disc $= 194324797218639074867549500589134 2269$

$R = 19.77056$

$P = x^{28} + 2x^{27} - 19x^{26} - 48x^{25} + 127x^{24} + 415x^{23} - 385x^{22} - 1854x^{21} + 596x^{20} + 5456x^{19} + 84x^{18} - 11399 \times x^{17} - 3185x^{16} + 16676x^{15} + 8925x^{14} - 16046x^{13} - 13451x^{12} + 8738x^{11} + 12145x^{10} - 997x^{9} - 6340x^{8} - 1848 \times x^{7} + 1511x^{6} + 1088x^{5} + 69x^{4} - 169x^{3} - 76x^{2} - 14x - 1$

$\mathbf{d = 28; r_1 = 14}$;

Disc $= -220181707875278743466388715083305 06011$

$R = 21.56109$

$P = x^{28} + 8x^{27} + 16x^{26} - 33x^{25} - 193x^{24} - 276x^{23} + 188x^{22} + 1367x^{21} + 2277x^{20} + 1000x^{19} - 3314 \times x^{18} - 8396x^{17} - 9522x^{16} - 3431x^{15} + 7932x^{14} + 17950x^{13} + 20251x^{12} + 13623x^{11} + 2508x^{10} - 6881 \times x^{9} - 10928x^{8} - 9988x^{7} - 6681x^{6} - 3456x^{5} - 1393x^{4} - 429x^{3} - 96x^{2} - 14x - 1$

$\mathbf{d = 28; r_1 = 16}$;

Disc $= 190179478401771421611070268433184805201$

$R = 23.28697$

$P = x^{28} + 8x^{27} - 120x^{25} - 129x^{24} + 657x^{23} + 496x^{22} - 3069x^{21} - 1046x^{20} + 11459x^{19} + 4808x^{18} - 26273 \times x^{17} - 17225x^{16} + 34945x^{15} + 33264x^{14} - 25250x^{13} - 36999x^{12} + 6077x^{11} + 24288x^{10} + 4790x^{9} - 8728 \times x^{8} - 4510x^{7} + 1085x^{6} + 1430x^{5} + 260x^{4} - 130x^{3} - 73x^{2} - 14x - 1$

$\mathbf{d = 28; r_1 = 18}$;

Disc $= -246709185553599866639424824280328 1161219$

$R = 25.51901$

$P = x^{28} + 6x^{27} - 5x^{26} - 92x^{25} - 65x^{24} + 621x^{23} + 819x^{22} - 2434x^{21} - 4214x^{20} + 6168x^{19} + 12940 \times x^{18} - 10696x^{17} - 26468x^{16} + 13168x^{15} + 37977x^{14} - 11713x^{13} - 39344x^{12} + 7187x^{11} + 29699x^{10} - 2236 \times x^{9} - 15915x^{8} - 535x^{7} + 5563x^{6} + 783x^{5} - 1055x^{4} - 246x^{3} + 66x^{2} + 20x + 1$

$\mathbf{d = 28; r_1 = 20}$;

Disc = 4972634855103981878948308518853759765625

$R = 26.16587$

$P = x^{28} + x^{27} - 27x^{26} - 21x^{25} + 267x^{24} + 151x^{23} - 1230x^{22} - 676x^{21} + 2767x^{20} + 3090x^{19} - 3678 \times x^{18} - 10329x^{17} + 6121x^{16} + 19865x^{15} - 13996x^{14} - 20416x^{13} + 20997x^{12} + 9108x^{11} - 17276x^{10} + 1197 \times x^{9} + 7379x^{8} - 2981x^{7} - 1270x^{6} + 1182x^{5} - 131x^{4} - 156x^{3} + 75x^{2} - 14x + 1$

$\mathbf{d = 28; r_1 = 22}$;

Disc = −4640645291218901313316636799923123001159 99

$R = 30.76749$

$P = x^{28} + 6x^{27} - 15x^{26} - 153x^{25} - 78x^{24} + 1231x^{23} + 1983x^{22} - 3651x^{21} - 10373x^{20} + 1613x^{19} + 24550 \times x^{18} + 14852x^{17} - 27789x^{16} - 38254x^{15} + 7309x^{14} + 42324x^{13} + 17879x^{12} - 21644x^{11} - 22034x^{10} + 1187 \times x^{9} + 10319x^{8} + 3883x^{7} - 1556x^{6} - 1538x^{5} - 269x^{4} + 130x^{3} + 73x^{2} + 14x + 1$

$\mathbf{d = 28; r_1 = 24}$;

Disc = 1274802215548353328965310218564092984084453

$R = 31.89817$

$P = x^{28} + 8x^{27} + 7x^{26} - 97x^{25} - 224x^{24} + 434x^{23} + 1609x^{22} - 730x^{21} - 5683x^{20} - 345x^{19} + 11260 \times x^{18} + 2118x^{17} - 12937x^{16} + 1526x^{15} + 9894x^{14} - 12007x^{13} - 9617x^{12} + 16271x^{11} + 11773x^{10} - 7681 \times x^{9} - 7780x^{8} - 281x^{7} + 1215x^{6} + 489x^{5} + 383x^{4} + 280x^{3} + 98x^{2} + 16x + 1$

$\mathbf{d = 28; r_1 = 26}$;

Disc = −1517464966135901797599561412446918334960937 5

$R = 34.84840$

$P = x^{28} + 9x^{27} + 8x^{26} - 142x^{25} - 394x^{24} + 595x^{23} + 3446x^{22} + 1120x^{21} - 12827x^{20} - 15824x^{19} + 20813 \times x^{18} + 50411x^{17} - 3253x^{16} - 77505x^{15} - 39600x^{14} + 59508x^{13} + 62595x^{12} - 14163x^{11} - 42924x^{10} - 10417 \times x^{9} + 13145x^{8} + 8217x^{7} - 564x^{6} - 1902x^{5} - 516x^{4} + 78x^{3} + 69x^{2} + 14x + 1$

$\mathbf{d = 28; r_1 = 28}$;

Disc = 4970172100787998903248912717444724430532291517

$R = 42.85616$

$P = T_{28} + 4T_{27} + 5T_{26} + 14T_{25} + 16T_{24} + 17T_{23} + 35T_{22} - 25T_{21} + 39T_{20} - 142T_{19} - 57T_{18} - 275T_{17} - 420 \times T_{16} - 209T_{15} - 1256T_{14} + 360T_{13} - 2666T_{12} + 1609T_{11} - 4480T_{10} + 3348T_{9} - 6199T_{8} + 4977T_{7} - 7142 \times T_{6} + 5730T_{5} - 6743T_{4} + 5069T_{3} - 4837T_{2} + 2978T_{1} - 1759$

$\mathbf{d = 29; r_1 = 1}$;

Disc $= 96353740098282529605487372425278 89$

$R = 14.85448$

$P = x^{29} + 13x^{28} + 84x^{27} + 352x^{26} + 1038x^{25} + 2021x^{24} + 1170x^{23} - 9734x^{22} - 51875x^{21} - 166287 \times x^{20} - 412401x^{19} - 847308x^{18} - 1484006x^{17} - 2248630x^{16} - 2973144x^{15} - 3447801x^{14} - 3515997x^{13} - 3155109x^{12} - 2488438x^{11} - 1719888x^{10} - 1036670x^{9} - 541178x^{8} - 242365x^{7} - 91921x^{6} - 29003x^{5} - 7423 \times x^{4} - 1484x^{3} - 218x^{2} - 21x - 1$

$\mathbf{d = 29; r_1 = 3}$;

Disc $= -5775631445452170834504907086208 5179$

$R = 15.80068$

$P = x^{29} + x^{28} - 10x^{27} - 8x^{26} + 52x^{25} + 36x^{24} - 177x^{23} - 111x^{22} + 439x^{21} + 256x^{20} - 834x^{19} - 454 \times x^{18} + 1253x^{17} + 627x^{16} - 1514x^{15} - 672x^{14} + 1484x^{13} + 553x^{12} - 1179x^{11} - 338x^{10} + 748x^{9} + 143x^{8} - 368 \times x^{7} - 33x^{6} + 133x^{5} - 2x^{4} - 32x^{3} + 4x^{2} + 4x - 1$

$\mathbf{d = 29; r_1 = 5}$;

Disc $= 3466896335338380861811477871181836 29$

$R = 16.80797$

$P = x^{29} + 5x^{28} - 5x^{27} - 63x^{26} - 38x^{25} + 333x^{24} + 449x^{23} - 916x^{22} - 1956x^{21} + 1175x^{20} + 4819x^{19} + 390 \times x^{18} - 7256x^{17} - 4067x^{16} + 6385x^{15} + 7038x^{14} - 2285x^{13} - 6298x^{12} - 1264x^{11} + 2992x^{10} + 1827x^{9} - 520 \times x^{8} - 833x^{7} - 133x^{6} + 173x^{5} + 84x^{4} - 10x^{3} - 20x^{2} - 7x - 1$

$\mathbf{d = 29; r_1 = 7}$;

Disc $= -4289779004926939463152573040420955 271$

$R = 18.33105$

$P = x^{29} - 36x^{27} - 48x^{26} + 582x^{25} + 736x^{24} - 3904x^{23} - 4668x^{22} + 14465x^{21} + 16428x^{20} - 33185x^{19} - 36124 \times x^{18} + 50101x^{17} + 52824x^{16} - 51642x^{15} - 53247x^{14} + 37133x^{13} + 37735x^{12} - 18790x^{11} - 18929x^{10} + 6661 \times x^{9} + 6679x^{8} - 1619x^{7} - 1620x^{6} + 257x^{5} + 257x^{4} - 24x^{3} - 24x^{2} + x + 1$

$\mathbf{d = 29; r_1 = 9}$;

Disc $= 1451899247907957142666130684870557 0937$

$R = 19.11816$

$P = x^{29} - 16x^{27} + 99x^{25} + 65x^{24} - 372x^{23} - 520x^{22} + 645x^{21} + 1952x^{20} + 483x^{19} - 3681x^{18} - 4708 \times x^{17} + 2024x^{16} + 9355x^{15} + 5129x^{14} - 7343x^{13} - 11065x^{12} - 1313x^{11} + 7893x^{10} + 6274x^{9} - 487x^{8} - 3442 \times x^{7} - 1957x^{6} - 5x^{5} + 551x^{4} + 327x^{3} + 96x^{2} + 15x + 1$

$\mathbf{d = 29; r_1 = 11}$;

Disc $= -2489885055034801907322627756894128 27939$

$R = 21.08658$

$P = x^{29} + 8x^{28} + 16x^{27} - 64x^{26} - 317x^{25} - 97x^{24} + 1858x^{23} + 2562x^{22} - 5210x^{21} - 11572x^{20} + 7568 \times x^{19} + 28131x^{18} - 4022x^{17} - 45167x^{16} - 6986x^{15} + 51948x^{14} + 22058x^{13} - 41079x^{12} - 31667x^{11} + 16784 \times x^{10} + 25572x^{9} + 2479x^{8} - 9687x^{7} - 5401x^{6} + 159x^{5} + 1316x^{4} + 638x^{3} + 152x^{2} + 19x + 1$

$\mathbf{d = 29; r_1 = 13}$;

Disc $= 5373988215682295467346213203601807 65949$

$R = 21.65347$

$P = T_{29} + 5T_{28} + 16T_{27} + 40T_{26} + 86T_{25} + 167T_{24} + 299T_{23} + 502T_{22} + 799T_{21} + 1213T_{20} + 1767T_{19} + 2479 \times T_{18} + 3361T_{17} + 4415T_{16} + 5628T_{15} + 6973T_{14} + 8404T_{13} + 9859T_{12} + 11262T_{11} + 12523T_{10} + 13551 \times T_{9} + 14252T_{8} + 14544T_{7} + 14359T_{6} + 13654T_{5} + 12418T_{4} + 10666T_{3} + 8452T_{2} + 5861T_{1} + 3000$

$\mathbf{d = 29; r_1 = 15}$;

Disc $= -7368989432398747175185160101506733 229471$

$R = 23.69945$

$P = T_{29} + 3T_{27} + 6T_{25} + 10T_{23} + 15T_{21} - T_{20} + 21T_{19} - T_{18} + 27T_{17} - 2T_{16} + 33T_{15} - 3T_{14} + 38T_{13} - 4 \times T_{12} + 41T_{11} - 4T_{10} + 41T_{9} - 4T_{8} + 38T_{7} - 4T_{6} + 32T_{5} - 3T_{4} + 23T_{3} - 2T_{2} + 12T_{1} - 1$

$\mathbf{d = 29; r_1 = 17}$;

Disc $= 4717315572095780455232328391472061 7970957$

$R = 25.26627$

$P = T_{29} + 2T_{27} + 3T_{25} + 4T_{23} + 5T_{21} + 6T_{19} + 7T_{17} - T_{16} + 7T_{15} - T_{14} + 8T_{13} - T_{12} + 8T_{11} - T_{10} + 8 \times T_{9} - T_{8} + 7T_{7} + 6T_{5} + 4T_{3} + 2T_{1}$

$\mathbf{d = 29; r_1 = 19}$;

Disc $= -7316783910092379172646100911368807 70980859$

$R = 27.77137$
$P = T_{29} + 4T_{28} + 11T_{27} + 24T_{26} + 46T_{25} + 79T_{24} + 126T_{23} + 191T_{22} + 277T_{21} + 387T_{20} + 523T_{19} + 687 \times T_{18} + 878T_{17} + 1093T_{16} + 1326T_{15} + 1571T_{14} + 1818T_{13} + 2055T_{12} + 2270T_{11} + 2449T_{10} + 2578T_9 + 2645 \times T_8 + 2642T_7 + 2561T_6 + 2397T_5 + 2150T_4 + 1826T_3 + 1435T_2 + 989T_1 + 504$

$\mathbf{d = 29; r_1 = 21}$;
Disc $= 158252586774100665710770113682189114958948 77$
$R = 30.87684$
$P = T_{29} + T_{27} + T_{25} - T_{21} - 2T_{19} - 3T_{17} - T_{16} - 5T_{15} - 2T_{14} - 6T_{13} - 3T_{12} - 6T_{11} - 4T_{10} - 6T_9 - 5 \times T_8 - 5T_7 - 5T_6 - 4T_5 - 5T_4 - 3T_3 - 3T_2 - 2T_1 - 1$

$\mathbf{d = 29; r_1 = 23}$;
Disc $= -37390356529893805901204006624388135987729 1003$
$R = 34.43434$
$P = T_{29} + 2T_{28} + 2T_{27} + 2T_{26} + 2T_{25} + 2T_{24} + 3T_{23} + 4T_{22} + 4T_{21} + 5T_{20} + 6T_{19} + 6T_{18} + 6T_{17} + 6T_{16} + 6 \times T_{15} + 6T_{14} + 6T_{13} + 6T_{12} + 6T_{11} + 5T_{10} + 4T_9 + 4T_8 + 4T_7 + 4T_6 + 3T_5 + 2T_4 + 2T_3 + T_2$

$\mathbf{d = 29; r_1 = 25}$;
Disc $= 8875087072256004457658264658441114581686079993$
$R = 38.40783$
$P = T_{29} + T_{28} - T_{27} - T_{26} + T_{23} - 2T_{21} + T_{19} + T_{17} + T_{16} + T_{15} + 2T_{14} - T_{12} - T_{10} + T_8 - T_7 + T_5 + 2T_3 + 2T_2 + 1$

$\mathbf{d = 29; r_1 = 27}$;
Disc $= -46833318294407663630567809151011302292133639995 9$
$R = 44.03644$
$P = T_{29} - T_{26} - T_{24} - T_{22} - T_{20} - T_{18} + T_{14} + 2T_{12} + 3T_{10} + 3T_8 + 3T_6 + 3T_4 + 2T_2 + 1$

$\mathbf{d = 29; r_1 = 29}$;
Disc $= 3835803278203839841997308639976046867877716174 3121$
$R = 51.26113$
$P = T_{29} + T_{28}$

$\mathbf{d = 30; r_1 = 0}$;

Disc $= -297527047223209863186193614172455 1$

$R = 13.05522$

$P = x^{30} + 2x^{29} + 8x^{28} + 19x^{27} + 37x^{26} + 77x^{25} + 126x^{24} + 196x^{23} + 300x^{22} + 390x^{21} + 506x^{20} + 629 \times x^{19} + 693x^{18} + 786x^{17} + 839x^{16} + 821x^{15} + 839x^{14} + 786x^{13} + 693x^{12} + 629x^{11} + 506x^{10} + 390x^{9} + 300 \times x^{8} + 196x^{7} + 126x^{6} + 77x^{5} + 37x^{4} + 19x^{3} + 8x^{2} + 2x + 1$

$\mathbf{d = 30; r_1 = 2}$;

Disc $= 40235713030558126703779870063396609$

$R = 14.23925$

$P = x^{30} + 7x^{29} + 30x^{28} + 94x^{27} + 240x^{26} + 525x^{25} + 1017x^{24} + 1781x^{23} + 2861x^{22} + 4255x^{21} + 5898 \times x^{20} + 7659x^{19} + 9352x^{18} + 10768x^{17} + 11711x^{16} + 12043x^{15} + 11711x^{14} + 10768x^{13} + 9352x^{12} + 7659 \times x^{11} + 5898x^{10} + 4255x^{9} + 2861x^{8} + 1781x^{7} + 1017x^{6} + 525x^{5} + 240x^{4} + 94x^{3} + 30x^{2} + 7x + 1$

$\mathbf{d = 30; r_1 = 4}$;

Disc $= -267441309055409394590543229244428119$

$R = 15.16728$

$P = x^{30} + 5x^{29} + 17x^{28} + 44x^{27} + 96x^{26} + 185x^{25} + 321x^{24} + 514x^{23} + 763x^{22} + 1063x^{21} + 1395x^{20} + 1734 \times x^{19} + 2048x^{18} + 2302x^{17} + 2469x^{16} + 2525x^{15} + 2469x^{14} + 2302x^{13} + 2048x^{12} + 1734x^{11} + 1395x^{10} + 1063 \times x^{9} + 763x^{8} + 514x^{7} + 321x^{6} + 185x^{5} + 96x^{4} + 44x^{3} + 17x^{2} + 5x + 1$

$\mathbf{d = 30; r_1 = 6}$;

Disc $= 16746729507583583743814277912459168 61$

$R = 16.12369$

$P = x^{30} + 12x^{29} + 66x^{28} + 225x^{27} + 545x^{26} + 1027x^{25} + 1611x^{24} + 2169x^{23} + 2444x^{22} + 2100x^{21} + 1007 \times x^{20} - 606x^{19} - 2429x^{18} - 4288x^{17} - 5852x^{16} - 6493x^{15} - 5852x^{14} - 4288x^{13} - 2429x^{12} - 606x^{11} + 1007 \times x^{10} + 2100x^{9} + 2444x^{8} + 2169x^{7} + 1611x^{6} + 1027x^{5} + 545x^{4} + 225x^{3} + 66x^{2} + 12x + 1$

$\mathbf{d = 30; r_1 = 8}$;

Disc $= -882530355284277745903094374397844961 1$

$R = 17.04215$

$P = x^{30} + 7x^{29} - 8x^{28} - 313x^{27} - 1985x^{26} - 7571x^{25} - 20796x^{24} - 44139x^{23} - 74602x^{22} - 100458 \times x^{21} - 103053x^{20} - 65755x^{19} + 13361x^{18} + 113909x^{17} + 198737x^{16} + 231949x^{15} + 198737x^{14} + 113909 \times x^{13} + 13361x^{12} - 65755x^{11} - 103053x^{10} - 100458x^{9} - 74602x^{8} - 44139x^{7} - 20796x^{6} - 7571x^{5} - 1985 \times x^{4} - 313x^{3} - 8x^{2} + 7x + 1$

$\mathbf{d = 30; r_1 = 10}$;

Disc $= 32713226002599207235079996792195216 5669$

$R = 19.22313$

$P = x^{30} + x^{29} - 23x^{28} - 9x^{27} + 252x^{26} - 51x^{25} - 1631x^{24} + 1114x^{23} + 6556x^{22} - 7029x^{21} - 16928 \times x^{20} + 25370x^{19} + 26196x^{18} - 57547x^{17} - 17180x^{16} + 82491x^{15} - 13756x^{14} - 72015x^{13} + 38807x^{12} + 33473 \times x^{11} - 34594x^{10} - 3058x^{9} + 14929x^{8} - 4407x^{7} - 2509x^{6} + 1872x^{5} - 207x^{4} - 189x^{3} + 86x^{2} - 15x + 1$

$\mathbf{d = 30; r_1 = 12}$;

Disc $= -655258100763478466947730154290539625 1067$

$R = 21.24290$

$P = x^{30} + 3x^{29} - 40x^{28} - 266x^{27} - 510x^{26} + 626x^{25} + 5247x^{24} + 11618x^{23} + 8411x^{22} - 21656x^{21} - 82017 \times x^{20} - 139476x^{19} - 126372x^{18} + 19212x^{17} + 300283x^{16} + 640691x^{15} + 920560x^{14} + 1043257x^{13} + 984570 \times x^{12} + 793393x^{11} + 552843x^{10} + 335049x^{9} + 176808x^{8} + 81013x^{7} + 32009x^{6} + 10777x^{5} + 3034x^{4} + 693 \times x^{3} + 122x^{2} + 15x + 1$

$\mathbf{d = 30; r_1 = 14}$;

Disc $= 22273455087131630969158200998606415931349$

$R = 22.12719$

$P = x^{30} + 5x^{29} - 17x^{28} - 117x^{27} + 96x^{26} + 1189x^{25} - 127x^{24} - 6942x^{23} - 584x^{22} + 25926x^{21} + 1133 \times x^{20} - 65416x^{19} + 8174x^{18} + 111738x^{17} - 39025x^{16} - 125245x^{15} + 75910x^{14} + 85281x^{13} - 81853x^{12} - 26727 \times x^{11} + 51306x^{10} - 4895x^{9} - 17334x^{8} + 7173x^{7} + 2051x^{6} - 2145x^{5} + 354x^{4} + 161x^{3} - 84x^{2} + 15x - 1$

$\mathbf{d = 30; r_1 = 16}$;

Disc $= -369198267084669535193311976083255732638419$

$R = 24.29827$

$P = x^{30} + 6x^{29} - 17x^{28} - 149x^{27} + 124x^{26} + 1587x^{25} - 807x^{24} - 9153x^{23} + 5495x^{22} + 29931x^{21} - 24013 \times x^{20} - 56391x^{19} + 60838x^{18} + 57717x^{17} - 90230x^{16} - 21269x^{15} + 76105x^{14} - 14375x^{13} - 31334x^{12} + 15643 \times x^{11} + 2651x^{10} - 2035x^{9} + 116x^{8} - 1607x^{7} + 1591x^{6} - 221x^{5} - 424x^{4} + 301x^{3} - 94x^{2} + 15x - 1$

$\mathbf{d = 30; r_1 = 18}$;

$\text{Disc} = 525335712126520838760664500117519351434054 9$

$R = 26.54695$

$P = x^{30} + 14x^{29} + 45x^{28} - 74x^{27} - 694x^{26} - 609x^{25} + 3826x^{24} + 6723x^{23} - 11067x^{22} - 28319x^{21} + 22363 \times x^{20} + 71167x^{19} - 42061x^{18} - 116434x^{17} + 74817x^{16} + 123047x^{15} - 102168x^{14} - 77199x^{13} + 93457x^{12} + 19589 \times x^{11} - 53197x^{10} + 7656x^{9} + 16807x^{8} - 7491x^{7} - 1862x^{6} + 2106x^{5} - 351x^{4} - 161x^{3} + 84x^{2} - 15x + 1$

$\mathbf{d = 30; r_1 = 20}$;

$\text{Disc} = -2681917248904431109234631768947579442266937 5$

$R = 28.02947$

$P = x^{30} - 36x^{28} + 26x^{27} + 502x^{26} - 653x^{25} - 3386x^{24} + 6127x^{23} + 11709x^{22} - 28850x^{21} - 19350x^{20} + 77245 \times x^{19} + 4894x^{18} - 126294x^{17} + 39556x^{16} + 129141x^{15} - 80579x^{14} - 78960x^{13} + 80397x^{12} + 21673x^{11} - 46977 \times x^{10} + 5082x^{9} + 15454x^{8} - 6297x^{7} - 1994x^{6} + 1950x^{5} - 276x^{4} - 175x^{3} + 85x^{2} - 15x + 1$

$\mathbf{d = 30; r_1 = 22}$;

$\text{Disc} = 1516310386069199460267599210298222076416015625$

$R = 32.06463$

$P = T_{30} + 5T_{29} + 19T_{28} + 50T_{27} + 114T_{26} + 222T_{25} + 395T_{24} + 649T_{23} + 980T_{22} + 1407T_{21} + 1839 \times T_{20} + 2323T_{19} + 2632T_{18} + 2870T_{17} + 2680T_{16} + 2220T_{15} + 1159T_{14} - 361T_{13} - 2381T_{12} - 4963T_{11} - 7567 \times T_{10} - 10687T_{9} - 13018T_{8} - 15680T_{7} - 16697T_{6} - 17820T_{5} - 16776T_{4} - 15659T_{3} - 12478T_{2} - 9173T_{1} - 4613$

$\mathbf{d = 30; r_1 = 24}$;

$\text{Disc} = -1338358628379015475290594234205127946481005871$

$R = 31.93148$

$P = x^{30} + 9x^{29} - 2x^{28} - 247x^{27} - 606x^{26} + 1696x^{25} + 8009x^{24} + 94x^{23} - 39033x^{22} - 37684x^{21} + 88408 \times x^{20} + 156548x^{19} - 79018x^{18} - 305190x^{17} - 49774x^{16} + 325759x^{15} + 192923x^{14} - 179910x^{13} - 201003 \times x^{12} + 24755x^{11} + 103372x^{10} + 26521x^{9} - 24499x^{8} - 15015x^{7} + 585x^{6} + 2769x^{5} + 717x^{4} - 91x^{3} - 79x^{2} - 15x - 1$

$\mathbf{d = 30; r_1 = 26}$;

$\text{Disc} = 3463918243901526830151251616457009448705432861 21$

$R = 38.42840$

$P = T_{30} + T_{29} + T_{28} - T_{24} + T_{23} - T_{22} + 2T_{21} + 3T_{19} + T_{18} + 2T_{17} - T_{15} + T_{14} - 2T_{13} + 4T_{12} - 2T_{11} + 5 \times T_{10} - 3T_{9} + 5T_{8} - 3T_{7} + 4T_{6} - 3T_{5} + 2T_{4} - 2T_{3} + 2T_{2} + 1$

$\mathbf{d = 30; r_1 = 28}$;

$\text{Disc} = -9972465844777781233345897696193869784229794902016$

$R = 42.98267$

$P = x^{30} + 15x^{29} + 87x^{28} + 203x^{27} - 155x^{26} - 2015x^{25} - 4093x^{24} + 739x^{23} + 17536x^{22} + 27434x^{21} - 10144 \times x^{20} - 85786x^{19} - 77086x^{18} + 95866x^{17} + 213654x^{16} + 7311x^{15} - 262363x^{14} - 134807x^{13} + 174585x^{12} + 158311 \times x^{11} - 57204x^{10} - 92190x^{9} + 1162x^{8} + 29216x^{7} + 5481x^{6} - 4467x^{5} - 1600x^{4} + 148x^{3} + 138x^{2} + 21x + 1$

$\mathbf{d = 30; r_1 = 30}$;

$\text{Disc} = 1758140181419740914889087317657356728430357641 9397$

$R = 43.80279$

$P = T_{30} + T_{29} - T_{28} - T_{27} - T_{23} - T_{22} + T_{21} + T_{20} - T_{19} - T_{18} + T_{17} + 2T_{16} + T_{15} - T_{14} - T_{13} + T_{12} + T_{11} - T_{10} - 2 \times T_{9} + 2T_{7} - 2T_{5} - T_{4} + T_{3} + 2T_{2} - 2$

$\mathbf{d = 31; r_1 = 1}$;

Disc $= -676301013757419795773265916651715195 9$

$R = 15.41946$

$P = x^{31} + 2x^{30} + 7x^{29} + 17x^{28} + 36x^{27} + 73x^{26} + 133x^{25} + 228x^{24} + 365x^{23} + 551x^{22} + 788x^{21} + 1065 \times x^{20} + 1371x^{19} + 1680x^{18} + 1960x^{17} + 2185x^{16} + 2323x^{15} + 2360x^{14} + 2287x^{13} + 2113x^{12} + 1859x^{11} + 1551 \times x^{10} + 1224x^{9} + 908x^{8} + 629x^{7} + 403x^{6} + 235x^{5} + 123x^{4} + 56x^{3} + 21x^{2} + 6x + 1$

$\mathbf{d = 31; r_1 = 3}$;

Disc $= 17870392443680126529898082350215519709 7$

$R = 17.13720$

$P = x^{31} + 4x^{30} + 5x^{29} - 9x^{28} - 33x^{27} - 20x^{26} + 66x^{25} + 121x^{24} - 15x^{23} - 250x^{22} - 190x^{21} + 241x^{20} + 463 \times x^{19} + 4x^{18} - 566x^{17} - 367x^{16} + 376x^{15} + 569x^{14} - 24x^{13} - 485x^{12} - 225x^{11} + 230x^{10} + 255x^{9} - 17x^{8} - 144 \times x^{7} - 57x^{6} + 37x^{5} + 39x^{4} + 6x^{3} - 8x^{2} - 5x - 1$

$\mathbf{d = 31; r_1 = 5}$;

Disc $= -160213687509016987633045977865746941447$

$R = 17.07692$

$P = x^{31} + x^{30} - 10x^{29} - 9x^{28} + 43x^{27} + 36x^{26} - 103x^{25} - 79x^{24} + 146x^{23} + 84x^{22} - 118x^{21} + 28x^{20} + 59 \times x^{19} - 220x^{18} - 82x^{17} + 279x^{16} + 144x^{15} - 86x^{14} - 24x^{13} - 89x^{12} - 246x^{11} - 49x^{10} + 282x^{9} + 259x^{8} - 27 \times x^{7} - 183x^{6} - 115x^{5} + x^{4} + 42x^{3} + 27x^{2} + 8x + 1$

$\mathbf{d = 31; r_1 = 7}$;

Disc $= 1307886783739127065284152470247188799641 3$

$R = 19.68262$

$P = T_{31} + 3T_{30} + 7T_{29} + 13T_{28} + 24T_{27} + 40T_{26} + 65T_{25} + 98T_{24} + 145T_{23} + 204T_{22} + 282T_{21} + 374 \times T_{20} + 488T_{19} + 616T_{18} + 765T_{17} + 922T_{16} + 1094T_{15} + 1264T_{14} + 1437T_{13} + 1592T_{12} + 1734T_{11} + 1841 \times T_{10} + 1918T_{9} + 1944T_{8} + 1926T_{7} + 1848T_{6} + 1720T_{5} + 1532T_{4} + 1297T_{3} + 1014T_{2} + 698T_{1} + 356$

$\mathbf{d = 31; r_1 = 9}$;

Disc $= -455826893855668842131426273067448595707 07$

$R = 20.49152$

$P = x^{31} + 3x^{30} - 10x^{29} - 30x^{28} + 40x^{27} + 135x^{26} - 63x^{25} - 491x^{24} - 66x^{23} + 1742x^{22} - 58x^{21} - 4872 \times x^{20} + 2961x^{19} + 8159x^{18} - 11166x^{17} - 4759x^{16} + 19071x^{15} - 8079x^{14} - 14811x^{13} + 18085x^{12} - 115 \times x^{11} - 13033x^{10} + 8615x^{9} + 1545x^{8} - 4959x^{7} + 2440x^{6} + 147x^{5} - 736x^{4} + 397x^{3} - 109x^{2} + 16x - 1$

$\mathbf{d = 31; r_1 = 11}$;

Disc $= 3716515984205261004418004711780395724668 57$

$R = 21.92664$

$P = x^{31} + x^{30} - 10x^{29} + 6x^{28} + 33x^{27} - 99x^{26} + 74x^{25} + 302x^{24} - 910x^{23} + 293x^{22} + 2544x^{21} - 3913 \times x^{20} - 1548x^{19} + 9694x^{18} - 6988x^{17} - 8913x^{16} + 17996x^{15} - 4137x^{14} - 16536x^{13} + 16694x^{12} + 1689 \times x^{11} - 13419x^{10} + 8069x^{9} + 1981x^{8} - 5021x^{7} + 2366x^{6} + 193x^{5} - 747x^{4} + 398x^{3} - 109x^{2} + 16x - 1$

$\mathbf{d = 31; r_1 = 13}$;

Disc $= -180641362960442941532637942158468995728 9919$

$R = 23.07401$

$P = T_{31} + 2T_{29} + 3T_{27} + 5T_{25} + 7T_{23} + 9T_{21} + 11T_{19} + 13T_{17} + 14T_{15} + 15T_{13} + 15T_{11} + 15T_{9} + T_{8} + 14 \times T_{7} + 11T_{5} + 8T_{3} + 4T_{1}$

$\mathbf{d = 31; r_1 = 15}$;

Disc $= 1421289758665804453819526130818715248150052 5$

$R = 24.66164$

$P = T_{31} + T_{30} + 2T_{29} + T_{28} + 2T_{27} + T_{26} + 3T_{25} + 2T_{24} + 5T_{23} + 3T_{22} + 6T_{21} + 3T_{20} + 6T_{19} + 3T_{18} + 8T_{17} + 5 \times T_{16} + 9T_{15} + 4T_{14} + 8T_{13} + 4T_{12} + 9T_{11} + 5T_{10} + 9T_{9} + 4T_{8} + 7T_{7} + 3T_{6} + 6T_{5} + 3T_{4} + 4T_{3} + 2T_{2} + 3T_{1} + 1$

$\mathbf{d = 31; r_1 = 17}$;

Disc $= -813427077332310348771780482285951744112 69571$

$R = 26.08927$

$P = T_{31} + T_{30} + 3T_{29} + 3T_{28} + 5T_{27} + 6T_{26} + 8T_{25} + 10T_{24} + 12T_{23} + 15T_{22} + 17T_{21} + 20T_{20} + 23T_{19} + 25 \times T_{18} + 29T_{17} + 29T_{16} + 34T_{15} + 32T_{14} + 38T_{13} + 33T_{12} + 40T_{11} + 32T_{10} + 40T_{9} + 29T_{8} + 37T_{7} + 25T_{6} + 30 \times T_{5} + 19T_{4} + 21T_{3} + 12T_{2} + 11T_{1} + 4$

$\mathbf{d = 31; r_1 = 19}$;

Disc $= 2292959235490431210959513086338664127166348493$

$R = 29.05618$

$P = x^{31} + x^{30} + 89x^{29} - 443x^{28} - 2507x^{27} + 6523x^{26} + 20845x^{25} - 42505x^{24} - 85687x^{23} + 150905 \times x^{22} + 207538x^{21} - 329618x^{20} - 324673x^{19} + 476840x^{18} + 346433x^{17} - 477975x^{16} - 260540x^{15} + 341104 \times x^{14} + 140564x^{13} - 175751x^{12} - 54669x^{11} + 65548x^{10} + 15203x^{9} - 17527x^{8} - 2949x^{7} + 3275x^{6} + 379 \times x^{5} - 406x^{4} - 29x^{3} + 30x^{2} + x - 1$

$\mathbf{d = 31; r_1 = 21}$;

Disc $= -7389384656389519096073284804490323501257619571$

$R = 30.17397$

$P = T_{31} + T_{29} + T_{28} + T_{27} + T_{26} + 2T_{25} + T_{24} + 2T_{23} + 2T_{22} + 2T_{21} + 2T_{20} + 3T_{19} + 2T_{18} + 3T_{17} + 3 \times T_{16} + 4T_{15} + 2T_{14} + 4T_{13} + 4T_{12} + 3T_{11} + 3T_{10} + 4T_{9} + 2T_{8} + 3T_{7} + 3T_{6} + 2T_{5} + T_{4} + 2T_{3} + T_{2} + 1$

$\mathbf{d = 31; r_1 = 23}$;

Disc $= 3214822836663392242627515054831261766980932914 69$

$R = 34.07916$

$P = T_{31} + T_{25} + T_{19} - T_{16} + T_{15} - T_{14} + T_{13} - T_{12} - T_{10} + T_{9} - T_{8} - T_{6} - T_{4} + T_{3} - T_{1}$

$\mathbf{d = 31; r_1 = 25}$;

Disc $= -6614124256939654891999745310765704967957681583343$

$R = 37.57110$

$P = T_{31} + 2T_{30} + 3T_{29} + 4T_{28} + 5T_{27} + 6T_{26} + 7T_{25} + 8T_{24} + 8T_{23} + 9T_{22} + 9T_{21} + 9T_{20} + 9T_{19} + 9T_{18} + 9 \times T_{17} + 9T_{16} + 9T_{15} + 9T_{14} + 9T_{13} + 9T_{12} + 9T_{11} + 9T_{10} + 9T_{9} + 9T_{8} + 10T_{7} + 9T_{6} + 9T_{5} + 8T_{4} + 7T_{3} + 6T_{2} + 4T_{1} + 2$

$\mathbf{d = 31; r_1 = 27}$;

Disc $= 3798249068280052902426652210375672149322369902 90821$

$R = 42.81535$

$P = T_{31} - T_{29} - T_{28} + T_{27} - T_{25} - T_{24} + 2T_{23} + T_{22} - T_{21} - 2T_{20} + T_{19} + T_{18} - T_{17} - T_{16} + 2T_{15} + 2 \times T_{14} - T_{13} - T_{12} + T_{11} + 2T_{10} - T_{9} - T_{8} + T_{6} - 2T_{5} - 2T_{4} + 2T_{2} - 1$

$\mathbf{d = 31; r_1 = 29}$;

Disc $= -6386324476842579989130921995669031437149014643437 0447$

$R = 50.51207$

$P = T_{31} - T_{29} - T_{28} - 2T_{27} - T_{24} + 2T_{22} + 4T_{21} + 5T_{20} + 5T_{19} + 2T_{18} + 3T_{17} + 4T_{16} + T_{15} - 2T_{14} - 5 \times T_{13} - 7T_{12} - 5T_{11} - 3T_{10} - 7T_{9} - 6T_{8} - 3T_{7} + 4T_{5} + 3T_{4} + T_{3} + 2T_{2} + 6T_{1} + 3$

$\mathbf{d = 31; r_1 = 31}$;

Disc $= 5969951611179862448435020277931966050380029138325122889$

$R = 58.47454$

$P = T_{31} - T_{27} + T_{26} - T_{25} + T_{24} - T_{23} - T_{21} - T_{16} + T_{12} - T_{11} + T_{10} - T_{9} + T_{8} + T_{6} + T_{1}$

$\mathbf{d = 32; r_1 = 0}$;

Disc $= 2832373035155363956300058118269993449$

$R = 13.77621$

$P = x^{32} + 8x^{31} + 33x^{30} + 87x^{29} + 148x^{28} + 113x^{27} - 208x^{26} - 985x^{25} - 2147x^{24} - 3167x^{23} - 3010x^{22} - 352 \times x^{21} + 5887x^{20} + 15710x^{19} + 27247x^{18} + 36826x^{17} + 40579x^{16} + 36826x^{15} + 27247x^{14} + 15710x^{13} + 5887 \times x^{12} - 352x^{11} - 3010x^{10} - 3167x^{9} - 2147x^{8} - 985x^{7} - 208x^{6} + 113x^{5} + 148x^{4} + 87x^{3} + 33x^{2} + 8x + 1$

$\mathbf{d = 32; r_1 = 2}$;

Disc $= -2237186831513737783643012842805481940 3$

$R = 14.69529$

$P = x^{32} + 18x^{31} + 157x^{30} + 893x^{29} + 3716x^{28} + 11989x^{27} + 30946x^{26} + 64908x^{25} + 110975x^{24} + 152956 \times x^{23} + 163708x^{22} + 120558x^{21} + 24865x^{20} - 93527x^{19} - 195400x^{18} - 257358x^{17} - 277063x^{16} - 257358 \times x^{15} - 195400x^{14} - 93527x^{13} + 24865x^{12} + 120558x^{11} + 163708x^{10} + 152956x^{9} + 110975x^{8} + 64908x^{7} + 30946 \times x^{6} + 11989x^{5} + 3716x^{4} + 893x^{3} + 157x^{2} + 18x + 1$

$\mathbf{d = 32; r_1 = 4}$;

Disc $= 160245533904728963272530069227022082729$

$R = 15.62786$

$P = x^{32} + 3x^{31} + 8x^{30} + 17x^{29} + 33x^{28} + 58x^{27} + 93x^{26} + 143x^{25} + 204x^{24} + 280x^{23} + 363x^{22} + 453 \times x^{21} + 540x^{20} + 618x^{19} + 682x^{18} + 720x^{17} + 737x^{16} + 720x^{15} + 682x^{14} + 618x^{13} + 540x^{12} + 453x^{11} + 363 \times x^{10} + 280x^{9} + 204x^{8} + 143x^{7} + 93x^{6} + 58x^{5} + 33x^{4} + 17x^{3} + 8x^{2} + 3x + 1$

$\mathbf{d = 32; r_1 = 6}$;

Disc $= -4876456986858869011426758260893526178551$

$R = 17.38815$

$P = x^{32} + 10x^{31} + 27x^{30} - 45x^{29} - 306x^{28} - 57x^{27} + 1605x^{26} + 1222x^{25} - 5530x^{24} - 5857x^{23} + 13803 \times x^{22} + 17287x^{21} - 25562x^{20} - 36589x^{19} + 34401x^{18} + 58478x^{17} - 30714x^{16} - 70813x^{15} + 12293x^{14} + 62761 \times x^{13} + 8540x^{12} - 37729x^{11} - 16611x^{10} + 12776x^{9} + 11313x^{8} - 520x^{7} - 3622x^{6} - 1260x^{5} + 258x^{4} + 320 \times x^{3} + 104x^{2} + 16x + 1$

$\mathbf{d = 32; r_1 = 8}$;

Disc $= 3081198274078557718020067118458188344 1193$

$R = 18.41927$

$P = x^{32} + 19x^{31} + 168x^{30} + 941x^{29} + 3818x^{28} + 12086x^{27} + 31165x^{26} + 66995x^{25} + 121024x^{24} + 182436 \times x^{23} + 222475x^{22} + 198789x^{21} + 74749x^{20} - 151837x^{19} - 428888x^{18} - 660303x^{17} - 750773x^{16} - 660303 \times x^{15} - 428888x^{14} - 151837x^{13} + 74749x^{12} + 198789x^{11} + 222475x^{10} + 182436x^{9} + 121024x^{8} + 66995 \times x^{7} + 31165x^{6} + 12086x^{5} + 3818x^{4} + 941x^{3} + 168x^{2} + 19x + 1$

$\mathbf{d = 32; r_1 = 10}$;

Disc $= -1127436722897294475113719741174845897078 47$

$R = 19.18129$

$P = x^{32} + 8x^{31} + 28x^{30} + 64x^{29} + 108x^{28} + 124x^{27} + 87x^{26} - 19x^{25} - 187x^{24} - 349x^{23} - 561x^{22} - 734 \times x^{21} - 976x^{20} - 1191x^{19} - 1357x^{18} - 1509x^{17} - 1497x^{16} - 1509x^{15} - 1357x^{14} - 1191x^{13} - 976x^{12} - 734 \times x^{11} - 561x^{10} - 349x^{9} - 187x^{8} - 19x^{7} + 87x^{6} + 124x^{5} + 108x^{4} + 64x^{3} + 28x^{2} + 8x + 1$

$\mathbf{d = 32; r_1 = 12}$;

Disc $= 3178925737231189806558558402478146070180189$

$R = 21.29101$

$P = x^{32} + 14x^{31} + 57x^{30} + 13x^{29} - 434x^{28} - 754x^{27} + 1084x^{26} + 3883x^{25} - 7x^{24} - 9945x^{23} - 6576x^{22} + 14521 \times x^{21} + 18816x^{20} - 9959x^{19} - 28601x^{18} - 5077x^{17} + 25608x^{16} + 20540x^{15} - 8837x^{14} - 22967x^{13} - 9378 \times x^{12} + 9967x^{11} + 13531x^{10} + 3713x^{9} - 4701x^{8} - 5083x^{7} - 1579x^{6} + 693x^{5} + 905x^{4} + 425x^{3} + 111x^{2} + 16x + 1$

$\mathbf{d = 32; r_1 = 14}$;

Disc $= -1836615321194201763941859617532357984451 5431$

$R = 22.49058$

$P = x^{32} + 2x^{31} - 9x^{30} - 9x^{29} + 68x^{28} + 35x^{27} - 304x^{26} - 88x^{25} + 988x^{24} + 324x^{23} - 2355x^{22} - 1361 \times x^{21} + 4243x^{20} + 4273x^{19} - 5912x^{18} - 11188x^{17} + 2402x^{16} + 18894x^{15} + 11289x^{14} - 13607x^{13} - 21865 \times x^{12} - 4113x^{11} + 13516x^{10} + 11778x^{9} + 364x^{8} - 5070x^{7} - 3153x^{6} - 266x^{5} + 619x^{4} + 380x^{3} + 108x^{2} + 16x + 1$

$\mathbf{d = 32; r_1 = 16}$;

Disc $= 1852138526811979079117470245227474708568120 49$

$R = 24.17491$

$P = x^{32} - 18x^{30} - x^{29} + 136x^{28} + 7x^{27} - 572x^{26} - 23x^{25} + 1434x^{24} + 78x^{23} - 1972x^{22} - 270x^{21} + 613 \times x^{20} + 632x^{19} + 2581x^{18} - 943x^{17} - 4405x^{16} + 943x^{15} + 2581x^{14} - 632x^{13} + 613x^{12} + 270x^{11} - 1972 \times x^{10} - 78x^9 + 1434x^8 + 23x^7 - 572x^6 - 7x^5 + 136x^4 + x^3 - 18x^2 + 1$

$\mathbf{d = 32; r_1 = 18}$;

Disc $= -600954158400386619370664545040880665597631791$

$R = 25.08065$

$P = x^{32} + 3x^{31} - 16x^{30} - 55x^{29} + 107x^{28} + 450x^{27} - 368x^{26} - 2167x^{25} + 551x^{24} + 6810x^{23} + 551x^{22} - 14598 \times x^{21} - 4246x^{20} + 21578x^{19} + 8569x^{18} - 21573x^{17} - 7444x^{16} + 13694x^{15} - 1880x^{14} - 4678x^{13} + 12152 \times x^{12} + 440x^{11} - 14148x^{10} + 77x^9 + 8690x^8 - 73x^7 - 3047x^6 + 167x^5 + 571x^4 - 89x^3 - 42x^2 + 13x - 1$

$\mathbf{d = 32; r_1 = 20}$;

Disc $= 39276142006382400411109492747469943758644801609$

$R = 28.58028$

$P = x^{32} + x^{31} - 35x^{30} - 7x^{29} + 435x^{28} - 165x^{27} - 2623x^{26} + 1756x^{25} + 9159x^{24} - 6224x^{23} - 22614x^{22} + 10928 \times x^{21} + 43243x^{20} - 8973x^{19} - 64180x^{18} - 1616x^{17} + 72227x^{16} + 12772x^{15} - 60703x^{14} - 15815x^{13} + 37849 \times x^{12} + 11228x^{11} - 17406x^{10} - 5210x^9 + 5834x^8 + 1613x^7 - 1390x^6 - 323x^5 + 224x^4 + 38x^3 - 22x^2 - 2x + 1$

$\mathbf{d = 32; r_1 = 22}$;

Disc $= -2344653666293546301474369219607492190713933318079$

$R = 32.47618$

$P = T_{32} + T_{31} + 2T_{30} + 2T_{29} + 3T_{28} + 3T_{27} + 3T_{26} + 3T_{25} + 3T_{24} + 3T_{23} + 3T_{22} + 2T_{21} + 3T_{20} + 2T_{19} + 3 \times T_{18} + 2T_{17} + 2T_{16} + T_{15} + T_{14} - T_{11} - T_9 - T_7 - T_6 - T_5 - T_4 - T_3 - T_2$

$\mathbf{d = 32; r_1 = 24}$;

Disc $= 4686429726500196449589285499819420856969838558781$

$R = 33.18668$

$P = T_{32} + 5T_{31} - 9T_{30} - 67T_{29} - 35T_{28} + 13T_{27} - 380T_{26} + 277T_{25} + 2013T_{24} - 47T_{23} + 3556T_{22} + 13520 \times T_{21} - 1902T_{20} + 8053T_{19} + 42717T_{18} - 40109T_{17} - 762T_{16} + 98195T_{15} - 201749T_{14} + 17743T_{13} + 205512 \times T_{12} - 579218T_{11} + 290130T_{10} + 297955T_9 - 1130107T_8 + 1102137T_7 + 12978T_6 - 1490701T_5 + 2255379 \times T_4 - 995841T_3 - 1124762T_2 + 2878514T_1 - 2307829$

$\mathbf{d = 32; r_1 = 26}$;

Disc $= -1431061044742057332566575620286054400000000000000000$

$R = 36.92873$

$P = x^{32} + 10x^{31} + 13x^{30} - 186x^{29} - 807x^{28} - 402x^{27} + 4441x^{26} + 10062x^{25} - 1709x^{24} - 35280x^{23} - 40946 \times x^{22} + 32572x^{21} + 115280x^{20} + 60900x^{19} - 110150x^{18} - 172132x^{17} - 20317x^{16} + 147670x^{15} + 124655 \times x^{14} - 19950x^{13} - 92603x^{12} - 48520x^{11} + 15620x^{10} + 30280x^9 + 11190x^8 - 3848x^7 - 5012x^6 - 1512x^5 + 240 \times x^4 + 320x^3 + 104x^2 + 16x + 1$

$\mathbf{d = 32; r_1 = 28}$;

Disc $= 563277527800252690210733213340540380046694067627622 4$

$R = 41.42000$

$P = T_{32} + 2T_{30} + T_{28} - T_{26} - T_{24} + 2T_{20} + 3T_{18} + T_{16} - 2T_{14} - 2T_{12} + 2T_8 + 2T_6 - 2T_2 - 1$

$\mathbf{d = 32; r_1 = 30}$;

Disc $= -587660891520423897753078334894793372511360510818972 71$

$R = 44.56924$

$P = x^{32} - 80x^{30} - 40x^{29} + 1980x^{28} + 1870x^{27} - 19586x^{26} - 22033x^{25} + 93810x^{24} + 104636x^{23} - 265739 \times x^{22} - 269599x^{21} + 496482x^{20} + 432985x^{19} - 647219x^{18} - 465807x^{17} + 606047x^{16} + 348987x^{15} - 413419 \times x^{14} - 185655x^{13} + 206340x^{12} + 70500x^{11} - 75037x^{10} - 18958x^9 + 19605x^8 + 3523x^7 - 3577x^6 - 430 \times x^5 + 432x^4 + 31x^3 - 31x^2 - x + 1$

$\mathbf{d = 32; r_1 = 32}$;

Disc $= 20328239244784089688295709081600000000000000000000000$

$R = 46.33169$

$P = T_{32} - T_{30} + T_{24} - T_{22} - T_8 + T_6 - 1$

$\mathbf{d = 33; r_1 = 1}$;

Disc $= 579583210100771795371531048608889150177$

$R = 14.94995$

$P = x^{33} - 11x^{31} + 6x^{30} + 55x^{29} - 60x^{28} - 152x^{27} + 270x^{26} + 213x^{25} - 717x^{24} + 6x^{23} + 1236x^{22} - 671 \times x^{21} - 1428x^{20} + 1595x^{19} + 1006x^{18} - 2334x^{17} + 6x^{16} + 2401x^{15} - 1188x^{14} - 1537x^{13} + 1734x^{12} + 267 \times x^{11} - 1268x^{10} + 431x^9 + 459x^8 - 377x^7 - 37x^6 + 134x^5 - 28x^4 - 22x^3 + 9x^2 + x - 1$

$\mathbf{d = 33; r_1 = 3}$;

Disc $= -1658407334163169460436787792306237719526 7$

$R = 16.54926$

$P = x^{33} + 4x^{32} + 3x^{31} - 8x^{30} - 19x^{29} - 25x^{28} - 24x^{27} + 21x^{26} + 123x^{25} + 183x^{24} - 16x^{23} - 472x^{22} - 472 \times x^{21} + 438x^{20} + 1054x^{19} + 136x^{18} - 1263x^{17} - 979x^{16} + 990x^{15} + 1573x^{14} - 539x^{13} - 1615x^{12} + 226 \times x^{11} + 1211x^{10} - 110x^9 - 683x^8 + 83x^7 + 283x^6 - 58x^5 - 79x^4 + 27x^3 + 11x^2 - 7x + 1$

$\mathbf{d = 33; r_1 = 5}$;

Disc $= 29259449073131867207249981578748629867902 1$

$R = 18.05317$

$P = x^{33} + 5x^{32} - x^{31} - 46x^{30} - 56x^{29} + 153x^{28} + 321x^{27} - 251x^{26} - 877x^{25} + 261x^{24} + 1598x^{23} - 332 \times x^{22} - 2269x^{21} + 740x^{20} + 2691x^{19} - 1514x^{18} - 2642x^{17} + 2298x^{16} + 1990x^{15} - 2610x^{14} - 939x^{13} + 2230 \times x^{12} - 9x^{11} - 1383x^{10} + 454x^9 + 550x^8 - 410x^7 - 70x^6 + 181x^5 - 56x^4 - 25x^3 + 25x^2 - 8x + 1$

$\mathbf{d = 33; r_1 = 7}$;

Disc $= -4403910285188863476276578975468189634782783$

$R = 19.59916$

$P = x^{33} + 4x^{32} - 11x^{31} - 71x^{30} + 3x^{29} + 528x^{28} + 573x^{27} - 2037x^{26} - 4303x^{25} + 3587x^{24} + 16142 \times x^{23} + 2513x^{22} - 35678x^{21} - 28983x^{20} + 44440x^{19} + 72296x^{18} - 16806x^{17} - 95937x^{16} - 37768x^{15} + 66859 \times x^{14} + 68182x^{13} - 9705x^{12} - 47934x^{11} - 20769x^{10} + 11615x^9 + 14648x^8 + 3526x^7 - 2520x^6 - 2076x^5 - 486 \times x^4 + 79x^3 + 71x^2 + 15x + 1$

$\mathbf{d = 33; r_1 = 9}$;

Disc $= 1039856628904676055028570057360526211771 4649$

$R = 20.11614$

$P = x^{33} - 12x^{31} + 4x^{30} + 45x^{29} - 76x^{28} - 25x^{27} + 398x^{26} - 462x^{25} - 843x^{24} + 2136x^{23} - 175x^{22} - 4461 \times x^{21} + 5513x^{20} + 3552x^{19} - 14952x^{18} + 5076x^{17} + 21410x^{16} - 18483x^{15} - 17430x^{14} + 25764x^{13} + 6013 \times x^{12} - 20892x^{11} + 2509x^{10} + 10236x^9 - 3808x^8 - 2765x^7 + 1806x^6 + 247x^5 - 402x^4 + 53x^3 + 32x^2 - 11x + 1$

$\mathbf{d = 33; r_1 = 11}$;

Disc $= -5709763159083568975465634233799249013298 4059$

$R = 21.18157$

$P = x^{33} + 2x^{32} - 18x^{31} - 48x^{30} + 125x^{29} + 482x^{28} - 344x^{27} - 2691x^{26} - 507x^{25} + 9168x^{24} + 7289 \times x^{23} - 19103x^{22} - 27106x^{21} + 20868x^{20} + 56443x^{19} + 1619x^{18} - 70383x^{17} - 41449x^{16} + 45771x^{15} + 61983 \times x^{14} - 196x^{13} - 42434x^{12} - 23758x^{11} + 9292x^{10} + 16222x^9 + 5093x^8 - 2946x^7 - 3076x^6 - 845x^5 + 210 \times x^4 + 238x^3 + 82x^2 + 14x + 1$

$\mathbf{d = 33; r_1 = 13}$;

Disc $= 1880585980076646136600663800609871454399479153$

$R = 23.54769$

$P = x^{33} + 4x^{32} - 14x^{31} - 61x^{30} + 104x^{29} + 399x^{28} - 649x^{27} - 1544x^{26} + 3138x^{25} + 3581x^{24} - 10763 \times x^{23} - 3490x^{22} + 25515x^{21} - 6251x^{20} - 40727x^{19} + 29773x^{18} + 40466x^{17} - 54766x^{16} - 17504x^{15} + 58812 \times x^{14} - 11014x^{13} - 37550x^{12} + 21855x^{11} + 11883x^{10} - 14471x^9 + 376x^8 + 4667x^7 - 1570x^6 - 577x^5 + 441 \times x^4 - 38x^3 - 35x^2 + 11x - 1$

$\mathbf{d = 33; r_1 = 15}$;

Disc $= -4507808650438768877000003090775418632584521176 7$

$R = 25.92725$

$P = T_{33} + T_{32} + 7T_{31} + 24T_{30} + 16T_{29} + 187T_{28} - 4T_{27} + 863T_{26} - 152T_{25} + 2882T_{24} - 635T_{23} + 7551 \times T_{22} - 1751T_{21} + 16212T_{20} - 3801T_{19} + 29317T_{18} - 6826T_{17} + 45428T_{16} - 10247T_{15} + 61007T_{14} - 12767 \times T_{13} + 71400T_{12} - 12853T_{11} + 72817T_{10} - 9792T_9 + 64360T_8 - 4439T_7 + 48771T_6 + 963T_5 + 31142T_4 + 3941 \times T_3 + 15993T_2 + 3300T_1 + 4732$

$\mathbf{d = 33; r_1 = 17}$;

Disc $= 2346502994819031748818654972298982506958546157 97$

$R = 27.25633$

$P = x^{33} - 34x^{31} - 17x^{30} + 368x^{29} + 368x^{28} - 1108x^{27} - 1800x^{26} - 1844x^{25} - 2038x^{24} + 4760x^{23} + 14968 \times x^{22} + 17685x^{21} + 14632x^{20} - 1334x^{19} - 35711x^{18} - 67504x^{17} - 80320x^{16} - 68500x^{15} - 23428x^{14} + 44650 \times x^{13} + 108963x^{12} + 151552x^{11} + 163936x^{10} + 145732x^{9} + 108912x^{8} + 69390x^{7} + 37263x^{6} + 16224x^{5} + 5440 \times x^{4} + 1328x^{3} + 220x^{2} + 22x + 1$

$\mathbf{d = 33; r_1 = 19}$;

Disc $= -818901095398475346280334178044365003258922430503$

$R = 28.30845$

$P = x^{33} + x^{32} - 24x^{31} - 28x^{30} + 242x^{29} + 334x^{28} - 1340x^{27} - 2267x^{26} + 4351x^{25} + 9754x^{24} - 7543 \times x^{23} - 27779x^{22} + 1355x^{21} + 52416x^{20} + 26234x^{19} - 61861x^{18} - 67247x^{17} + 34874x^{16} + 86577x^{15} + 13228 \times x^{14} - 61961x^{13} - 39567x^{12} + 18839x^{11} + 29567x^{10} + 4617x^{9} - 9424x^{8} - 5322x^{7} + 451x^{6} + 1276x^{5} + 333 \times x^{4} - 54x^{3} - 34x^{2} - x + 1$

$\mathbf{d = 33; r_1 = 21}$;

Disc $= 249865899673275989512320013358020929262880336878 81$

$R = 31.39787$

$P = x^{33} - 51x^{31} + 90x^{30} + 1175x^{29} - 1905x^{28} - 11345x^{27} + 15928x^{26} + 57425x^{25} - 71953x^{24} - 173732 \times x^{23} + 200859x^{22} + 341478x^{21} - 373904x^{20} - 460465x^{19} + 486474x^{18} + 441171x^{17} - 455502x^{16} - 306724 \times x^{15} + 312171x^{14} + 156285x^{13} - 157690x^{12} - 58334x^{11} + 58569x^{10} + 15761x^{9} - 15784x^{8} - 2999x^{7} + 3000 \times x^{6} + 381x^{5} - 381x^{4} - 29x^{3} + 29x^{2} + x - 1$

$\mathbf{d = 33; r_1 = 23}$;

Disc $= -252805021129713916853059367243443897551546290899463$

$R = 33.67884$

$P = x^{33} + 7x^{32} - 6x^{31} - 134x^{30} - 107x^{29} + 1100x^{28} + 1638x^{27} - 4943x^{26} - 10320x^{25} + 12399x^{24} + 38186 \times x^{23} - 12403x^{22} - 90297x^{21} - 22337x^{20} + 136175x^{19} + 101696x^{18} - 116686x^{17} - 171921x^{16} + 21639 \times x^{15} + 156740x^{14} + 66980x^{13} - 67065x^{12} - 74040x^{11} - 5415x^{10} + 29495x^{9} + 17336x^{8} - 619x^{7} - 4965 \times x^{6} - 2256x^{5} - 184x^{4} + 202x^{3} + 87x^{2} + 15x + 1$

$\mathbf{d = 33; r_1 = 25}$;

Disc $= 37654614308439750579273668459535666991596308515344 13$

$R = 36.55136$

$P = T_{33} + T_{32} + 2T_{31} + 4T_{30} + 3T_{29} + 5T_{28} + 3T_{27} + 2T_{26} + T_{25} - 4T_{24} - T_{23} - 6T_{22} - 2T_{21} + 8T_{18} + 4 \times T_{17} + 10T_{16} + 5T_{15} + 3T_{14} + 2T_{13} - 6T_{12} - 3T_{11} - 8T_{10} - 4T_{9} - 4T_{8} - T_{7} + 3T_{6} + 2T_{5} + 6T_{4} + 3T_{3} + 5T_{2} + T_{1} + 2$

$\mathbf{d = 33; r_1 = 27}$;

Disc $= -310410551993888743637098599185114856182923479686535 31$

$R = 38.96411$

$P = T_{33} + 2T_{32} + 8T_{31} + 15T_{30} + 31T_{29} + 53T_{28} + 81T_{27} + 135T_{26} + 172T_{25} + 290T_{24} + 316T_{23} + 539T_{22} + 509 \times T_{21} + 887T_{20} + 734T_{19} + 1322T_{18} + 964T_{17} + 1807T_{16} + 1161T_{15} + 2275T_{14} + 1283T_{13} + 2647T_{12} + 1307 \times T_{11} + 2853T_{10} + 1232T_{9} + 2836T_{8} + 1066T_{7} + 2560T_{6} + 832T_{5} + 2038T_{4} + 566T_{3} + 1315T_{2} + 287T_{1} + 455$

$\mathbf{d = 33; r_1 = 29}$;

Disc $= 60984472115860816431623726317486362305792072645976508 33$

$R = 45.72547$

$P = T_{33} - T_{31} - T_{27} + T_{25} + T_{15} - T_{13} - T_{9} + T_{7} - T_{2} - T_{1}$

$\mathbf{d = 33; r_1 = 31}$;

Disc $= -192732755685784445892635211380923765796941079126550553 6783$

$R = 54.43870$

$P = T_{33} + 11T_{32} + 60T_{31} + 220T_{30} + 609T_{29} + 1336T_{28} + 2354T_{27} + 3253T_{26} + 3123T_{25} + 689T_{24} - 5154 \times T_{23} - 14511T_{22} - 25733T_{21} - 35235T_{20} - 38225T_{19} - 30267T_{18} - 9163T_{17} + 23627T_{16} + 62749T_{15} + 100152 \times T_{14} + 127348T_{13} + 137831T_{12} + 128644T_{11} + 100552T_{10} + 57044T_{9} + 2953T_{8} - 56420T_{7} - 115319T_{6} - 167064 \times T_{5} - 203889T_{4} - 217842T_{3} - 202870T_{2} - 157389T_{1} - 86114$

$\mathbf{d = 33; r_1 = 33}$;

Disc $= 48717931007895728734370312081782890217562757461066145394 49$

$R = 55.99017$

$P = T_{33} + 2T_{32} + T_{29} - 3T_{28} - T_{27} + 2T_{26} - T_{25} + 3T_{24} + 3T_{23} - T_{22} + T_{21} - 3T_{20} - 2T_{19} + T_{18} - 2T_{17} + 5 \times T_{16} + 3T_{15} - 2T_{14} + 4T_{13} - 3T_{12} - 4T_{11} + 2T_{10} - 3T_{9} + 2T_{8} + 3T_{7} - T_{6} + 3T_{5} - 2T_{4} - T_{3} + T_{2} - 4T_{1} + 2$

$\mathbf{d = 34; r_1 = 0}$;

Disc $= -2170425945895385384792556914264261160379$

$R = 14.35348$

$P = x^{34} + 12x^{33} + 69x^{32} + 244x^{31} + 566x^{30} + 818x^{29} + 457x^{28} - 898x^{27} - 2624x^{26} - 3341x^{25} - 3099 \times x^{24} - 4844x^{23} - 10879x^{22} - 16238x^{21} - 9112x^{20} + 16461x^{19} + 48344x^{18} + 63017x^{17} + 48344x^{16} + 16461 \times x^{15} - 9112x^{14} - 16238x^{13} - 10879x^{12} - 4844x^{11} - 3099x^{10} - 3341x^{9} - 2624x^{8} - 898x^{7} + 457x^{6} + 818 \times x^{5} + 566x^{4} + 244x^{3} + 69x^{2} + 12x + 1$

$\mathbf{d = 34; r_1 = 2}$;

Disc $= 5259166570734565370923945045940136411601$

$R = 14.73202$

$P = x^{34}+x^{33}+x^{32}-x^{31}-2x^{30}-2x^{29}+x^{28}+3x^{27}+4x^{26}+x^{25}-3x^{24}-4x^{23}-2x^{22}+3x^{21}+4x^{20}+2x^{19}-4 \times x^{18}-5x^{17}-4x^{16}+2x^{15}+4x^{14}+3x^{13}-2x^{12}-4x^{11}-3x^{10}+x^{9}+4x^{8}+3x^{7}+x^{6}-2x^{5}-2x^{4}-x^{3}+x^{2}+x+1$

$\mathbf{d = 34; r_1 = 4}$;

Disc $= -5149062790681019756588860289312426112031 99$

$R = 16.85837$

$P = x^{34} + x^{33} + 3x^{31} + 3x^{30} + 4x^{29} + 8x^{28} + 6x^{27} + 10x^{26} + 14x^{25} + 16x^{24} + 18x^{23} + 19x^{22} + 24x^{21} + 24 \times x^{20} + 28x^{19} + 29x^{18} + 23x^{17} + 29x^{16} + 28x^{15} + 24x^{14} + 24x^{13} + 19x^{12} + 18x^{11} + 16x^{10} + 14x^{9} + 10x^{8} + 6 \times x^{7} + 8x^{6} + 4x^{5} + 3x^{4} + 3x^{3} + x + 1$

$\mathbf{d = 34; r_1 = 6}$;

Disc $= 2944950677661335448012014644252210522936729$

$R = 17.74559$

$P = x^{34}+12x^{33}+70x^{32}+275x^{31}+842x^{30}+2165x^{29}+4861x^{28}+9759x^{27}+17812x^{26}+29907x^{25}+46580 \times x^{24} + 67716x^{23} + 92325x^{22} + 118479x^{21} + 143482x^{20} + 164296x^{19} + 178119x^{18} + 182967x^{17} + 178119 \times x^{16}+164296x^{15}+143482x^{14}+118479x^{13}+92325x^{12}+67716x^{11}+46580x^{10}+29907x^{9}+17812x^{8}+9759 \times x^{7} + 4861x^{6} + 2165x^{5} + 842x^{4} + 275x^{3} + 70x^{2} + 12x + 1$

$\mathbf{d = 34; r_1 = 8}$;

Disc $= -3977796188909979094864589951031360283777 6499$

$R = 19.15766$

$P = x^{34} + 5x^{33} - 4x^{32} - 63x^{31} - 30x^{30} + 540x^{29} + 1062x^{28} - 1548x^{27} - 7088x^{26} - 2784x^{25} + 20099 \times x^{24}+28483x^{23}-21949x^{22}-78988x^{21}-21768x^{20}+112705x^{19}+107059x^{18}-76184x^{17}-164457x^{16}-14282 \times x^{15} + 136368x^{14} + 77735x^{13} - 55581x^{12} - 71027x^{11} - 2696x^{10} + 30472x^{9} + 13984x^{8} - 4093x^{7} - 5589 \times x^{6} - 1397x^{5} + 469x^{4} + 408x^{3} + 119x^{2} + 17x + 1$

$\mathbf{d = 34; r_1 = 10}$;

Disc $= 2602767533726778557402782801632211414009 01561$

$R = 20.24586$

$P = x^{34} + 10x^{33} + 23x^{32} - 45x^{31} - 169x^{30} + 107x^{29} + 401x^{28} - 374x^{27} + 153x^{26} + 1127x^{25} - 4381 \times x^{24} - 1886x^{23} + 17657x^{22} + 2885x^{21} - 43395x^{20} - 9241x^{19} + 73410x^{18} + 27374x^{17} - 86896x^{16} - 52043 \times x^{15} + 68840x^{14} + 64316x^{13} - 29778x^{12} - 51403x^{11} - 1884x^{10} + 24206x^{9} + 10298x^{8} - 4457x^{7} - 4977 \times x^{6} - 1017x^{5} + 577x^{4} + 424x^{3} + 120x^{2} + 17x + 1$

$\mathbf{d = 34; r_1 = 12}$;

Disc $= -4366673463939311490739774985737919715930 6450943$

$R = 23.53798$

$P = x^{34} - 60x^{32} + 60x^{31} + 1430x^{30} - 1370x^{29} - 13802x^{28} + 12432x^{27} + 72679x^{26} - 60247x^{25} - 238064 \times x^{24} + 177817x^{23} + 522892x^{22} - 345075x^{21} - 807544x^{20} + 462469x^{19} + 904350x^{18} - 441881x^{17} - 748760 \times x^{16}+306879x^{15}+463183x^{14}-156304x^{13}-214639x^{12}+58335x^{11}+74096x^{10}-15761x^{9}-18760x^{8}+2999 \times x^{7} + 3380x^{6} - 381x^{5} - 410x^{4} + 29x^{3} + 30x^{2} - x - 1$

$\mathbf{d = 34; r_1 = 14}$;

Disc $= 3374766437053850014490631006670545591221914 7581$

$R = 23.36026$

$P = x^{34} + 9x^{33} + 25x^{32} - 13x^{31} - 241x^{30} - 584x^{29} - 251x^{28} + 1990x^{27} + 5526x^{26} + 5351x^{25} - 5090 \times x^{24} - 23738x^{23} - 33013x^{22} - 11558x^{21} + 39096x^{20} + 82641x^{19} + 74519x^{18} + 7424x^{17} - 73482x^{16} - 107561 \times x^{15} - 72403x^{14} - 115x^{13} + 56097x^{12} + 66839x^{11} + 41217x^{10} + 7475x^{9} - 13369x^{8} - 17705x^{7} - 12817 \times x^{6} - 6553x^{5} - 2487x^{4} - 696x^{3} - 137x^{2} - 17x - 1$

$\mathbf{d = 34; r_1 = 16}$;

Disc $= -9185850125345372184760016106809131983087 60996719$

$R = 25.74423$

$P = T_{34}+4T_{32}+10T_{30}+20T_{28}+35T_{26}+55T_{24}+80T_{22}+109T_{20}-T_{19}+140T_{18}-T_{17}+170T_{16}-T_{15}+195\times T_{14}-T_{13}+211T_{12}-T_{11}+216T_{10}-T_9+206T_8-T_7+181T_6-T_5+141T_4-T_3+90T_2-T_1+31$

$\mathbf{d = 34; r_1 = 18}$;

Disc $= 438056867513465410909698352739142738263056331742 1$

$R = 26.95462$

$P = x^{34}+4x^{33}-30x^{32}-80x^{31}+212x^{30}+558x^{29}-228x^{28}-1069x^{27}-1349x^{26}-2133x^{25}+1913\times x^{24}+8932x^{23}+7047x^{22}+2298x^{21}-11386x^{20}-48177x^{19}-34391x^{18}+77356x^{17}+121206x^{16}-23132\times x^{15}-150415x^{14}-66106x^{13}+80738x^{12}+86083x^{11}-816x^{10}-40547x^9-19151x^8+4219x^7+7019\times x^6+2187x^5-251x^4-376x^3-117x^2-17x-1$

$\mathbf{d = 34; r_1 = 20}$;

Disc $= -326165470780284135037609166282460267958918255031411$

$R = 30.59774$

$P = x^{34}+5x^{33}-10x^{32}-106x^{31}-164x^{30}+379x^{29}+1620x^{28}+1325x^{27}-3584x^{26}-9802x^{25}-5115\times x^{24}+15814x^{23}+31972x^{22}+11390x^{21}-39703x^{20}-63376x^{19}-16246x^{18}+60997x^{17}+80242x^{16}+16539\times x^{15}-57853x^{14}-65369x^{13}-13242x^{12}+32314x^{11}+33102x^{10}+8086x^9-9167x^8-9406x^7-3083x^6+688\times x^5+1104x^4+504x^3+125x^2+17x+1$

$\mathbf{d = 34; r_1 = 22}$;

Disc $= 39592291363529306470712006660671873561681865833355 69$

$R = 32.92887$

$P = T_{34}+2T_{33}+2T_{32}+2T_{31}+2T_{30}+T_{29}+T_{24}+2T_{23}+2T_{22}+2T_{21}+2T_{20}+T_{19}+T_{14}+2T_{13}+2\times T_{12}+3T_{11}+3T_{10}+2T_9+T_8-T_6-T_5+T_3+2T_2+2T_1+1$

$\mathbf{d = 34; r_1 = 24}$;

Disc $= -8868749108660491855884964661453294971066102949971827$

$R = 33.71928$

$P = T_{34}-2T_{31}-T_{30}-T_{29}+2T_{28}+2T_{27}+3T_{26}+T_{25}-2T_{24}-4T_{23}-6T_{22}-T_{21}+2T_{20}+7T_{19}+6T_{18}+5\times T_{17}-3T_{16}-6T_{15}-10T_{14}-7T_{13}+7T_{11}+12T_{10}+10T_9+3T_8-6T_7-12T_6-14T_5-6T_4+3T_3+12T_2+15T_1+10$

$\mathbf{d = 34; r_1 = 26}$;

Disc $= 3029881695587178314545169317852028523499723201401349 49$

$R = 37.40960$

$P = x^{34}+3x^{33}-40x^{32}-149x^{31}+428x^{30}+1904x^{29}-2276x^{28}-11465x^{27}+8334x^{26}+38342x^{25}-24554\times x^{24}-72505x^{23}+47873x^{22}+67561x^{21}-29509x^{20}-17130x^{19}-79952x^{18}+19669x^{17}+194093x^{16}-118590\times x^{15}-168110x^{14}+185168x^{13}+39642x^{12}-130310x^{11}+36740x^{10}+39442x^9-29380x^8+422x^7+6876\times x^6-2722x^5-50x^4+344x^3-115x^2+17x-1$

$\mathbf{d = 34; r_1 = 28}$;

Disc $= -4730588872792549701909681898340240597349108702071733103$

$R = 40.55886$

$P = T_{34}+T_{32}+T_{30}-T_{29}+T_{28}-T_{27}+2T_{26}-T_{25}+T_{24}-T_{23}-2T_{21}-T_{19}-T_{17}-T_{15}-T_{13}-T_{10}-T_9-T_7-T_2-T_1$

$\mathbf{d = 34; r_1 = 30}$;

Disc $= 1116882081285441152241534987015821256939324605084320399 36$

$R = 44.51135$

$P = x^{34}-84x^{32}+1765x^{30}-17544x^{28}+100257x^{26}-360919x^{24}+862915x^{22}-1419975x^{20}+1650890\times x^{18}-1381873x^{16}+842873x^{14}-376524x^{12}+122827x^{10}-28879x^8+4759x^6-521x^4+34x^2-1$

$\mathbf{d = 34; r_1 = 32}$;

Disc $= -8416613035320469125500385009215886072923513981162798605 9264$

$R = 54.08692$

$P = T_{34}-T_{32}-T_{28}+T_{26}-T_{18}+T_{16}-T_{14}+T_{12}-T_{10}+T_8-1$

$\mathbf{d = 34; r_1 = 34}$;

Disc $= 3604274055852092247731964946803883427053563910010168525455 36$

$R = 56.45093$

$P = x^{34}-38x^{32}+611x^{30}-5488x^{28}+30788x^{26}-114768x^{24}+295508x^{22}-539146x^{20}+708934x^{18}-679009\times x^{16}+475949x^{14}-243746x^{12}+90363x^{10}-23790x^8+4300x^6-503x^4+34x^2-1$

$\mathbf{d = 35; r_1 = 1}$;

Disc $= -1431523161925893081009210718259227233695738 51$

$R = 18.26393$

$P = x^{35} + 2x^{34} - 7x^{33} - 21x^{32} + 13x^{31} + 93x^{30} + 38x^{29} - 228x^{28} - 265x^{27} + 302x^{26} + 722x^{25} - 54 \times x^{24} - 1196x^{23} - 654x^{22} + 1236x^{21} + 1537x^{20} - 580x^{19} - 1982x^{18} - 469x^{17} + 1617x^{16} + 1228x^{15} - 710 \times x^{14} - 1270x^{13} - 98x^{12} + 781x^{11} + 407x^{10} - 254x^{9} - 312x^{8} - 11x^{7} + 124x^{6} + 51x^{5} - 21x^{4} - 21x^{3} - 2x^{2} + 3x + 1$

$\mathbf{d = 35; r_1 = 3}$;

Disc $= 4275688468072911728480660887509249229444314 77$

$R = 18.84394$

$P = x^{35} + 25x^{34} + 273x^{33} + 1928x^{32} + 10100x^{31} + 41234x^{30} + 133150x^{29} + 332632x^{28} + 573072x^{27} + 259373x^{26} - 2647641x^{25} - 12982207x^{24} - 39361608x^{23} - 93160184x^{22} - 183913134x^{21} - 311676578 \times x^{20} - 460338993x^{19} - 597799947x^{18} - 686181445x^{17} - 698328228x^{16} - 631036491x^{15} - 506408941x^{14} - 360563402x^{13} - 227297643x^{12} - 126455002x^{11} - 61806582x^{10} - 26378615x^{9} - 9752498x^{8} - 3090775 \times x^{7} - 828055x^{6} - 184033x^{5} - 33043x^{4} - 4609x^{3} - 469x^{2} - 31x - 1$

$\mathbf{d = 35; r_1 = 5}$;

Disc $= -2352412278796348582119649218833980634301365527$

$R = 19.78468$

$P = x^{35} - 18x^{33} + 132x^{31} - 47x^{30} - 550x^{29} + 470x^{28} + 1221x^{27} - 2115x^{26} - 396x^{25} + 4597x^{24} - 5808 \times x^{23} - 1526x^{22} + 16189x^{21} - 17360x^{20} - 13828x^{19} + 45155x^{18} - 18829x^{17} - 47072x^{16} + 60052x^{15} + 5548 \times x^{14} - 60514x^{13} + 37240x^{12} + 18784x^{11} - 35704x^{10} + 12417x^{9} + 9139x^{8} - 10594x^{7} + 3221x^{6} + 1125 \times x^{5} - 1406x^{4} + 598x^{3} - 140x^{2} + 18x - 1$

$\mathbf{d = 35; r_1 = 7}$;

Disc $= 9423560221022514859533160397133962078435679 29$

$R = 19.27425$

$P = x^{35} - 12x^{33} + 12x^{32} + 66x^{31} - 132x^{30} - 150x^{29} + 660x^{28} - 241x^{27} - 1730x^{26} + 2682x^{25} + 1434 \times x^{24} - 8321x^{23} + 5664x^{22} + 12459x^{21} - 22741x^{20} - 2998x^{19} + 38415x^{18} - 24155x^{17} - 30657x^{16} + 47449 \times x^{15} - 1828x^{14} - 39657x^{13} + 27091x^{12} + 9404x^{11} - 22195x^{10} + 9092x^{9} + 4568x^{8} - 6515x^{7} + 2421x^{6} + 457 \times x^{5} - 871x^{4} + 423x^{3} - 111x^{2} + 16x - 1$

$\mathbf{d = 35; r_1 = 9}$;

Disc $= -1281260826909719918046251555505558305853942052 51$

$R = 22.17852$

$P = x^{35} + 2x^{34} + x^{33} - 32x^{32} - 106x^{31} - 41x^{30} + 502x^{29} + 1294x^{28} + 664x^{27} - 3163x^{26} - 7685x^{25} - 4544 \times x^{24} + 11023x^{23} + 26087x^{22} + 15751x^{21} - 23616x^{20} - 53831x^{19} - 31251x^{18} + 32017x^{17} + 69341x^{16} + 37740 \times x^{15} - 27041x^{14} - 55631x^{13} - 28310x^{12} + 13191x^{11} + 26734x^{10} + 12986x^{9} - 2873x^{8} - 6915x^{7} - 3391 \times x^{6} - 117x^{5} + 694x^{4} + 394x^{3} + 109x^{2} + 16x + 1$

$\mathbf{d = 35; r_1 = 11}$;

Disc $= 4780177030400042703417388147963706262862282175713$

$R = 24.59468$

$P = x^{35} + 2x^{34} - 49x^{33} - 145x^{32} + 788x^{31} + 2948x^{30} - 3506x^{29} - 22896x^{28} - 3222x^{27} + 89221x^{26} + 73280 \times x^{25} - 198218x^{24} - 278596x^{23} + 253104x^{22} + 583000x^{21} - 139821x^{20} - 789248x^{19} - 99668x^{18} + 728704 \times x^{17} + 278305x^{16} - 462946x^{15} - 282721x^{14} + 195826x^{13} + 175424x^{12} - 48336x^{11} - 72108x^{10} + 2482 \times x^{9} + 19607x^{8} + 2614x^{7} - 3318x^{6} - 920x^{5} + 289x^{4} + 136x^{3} - 3x^{2} - 8x - 1$

$\mathbf{d = 35; r_1 = 13}$;

Disc $= -9213742165089221703951921950046583379388984540011$

$R = 25.06016$

$P = x^{35} - 60x^{33} - 60x^{32} + 1430x^{31} + 1430x^{30} - 13802x^{29} - 13802x^{28} + 72679x^{27} + 72679x^{26} - 238064 \times x^{25} - 238064x^{24} + 522892x^{23} + 522892x^{22} - 807544x^{21} - 807544x^{20} + 904350x^{19} + 904350x^{18} - 748760 \times x^{17} - 748760x^{16} + 463183x^{15} + 463183x^{14} - 214639x^{13} - 214639x^{12} + 74096x^{11} + 74096x^{10} - 18760 \times x^{9} - 18760x^{8} + 3380x^{7} + 3380x^{6} - 410x^{5} - 410x^{4} + 30x^{3} + 30x^{2} - x - 1$

$\mathbf{d = 35; r_1 = 15}$;

Disc $= 4261020338255164902502057191655479440897108298 4513$

$R = 26.18099$

$P = x^{35} + 8x^{34} + 3x^{33} - 137x^{32} - 299x^{31} + 898x^{30} + 3418x^{29} - 2115x^{28} - 19614x^{27} - 6095x^{26} + 67635 \times x^{25} + 60901x^{24} - 145715x^{23} - 213628x^{22} + 184294x^{21} + 440330x^{20} - 85885x^{19} - 579659x^{18} - 120563 \times x^{17} + 484678x^{16} + 254889x^{15} - 236258x^{14} - 213981x^{13} + 46008x^{12} + 95655x^{11} + 11260x^{10} - 21821 \times x^{9} - 7299x^{8} + 2026x^{7} + 1169x^{6} - 39x^{5} - 46x^{4} + 3x^{3} - 14x^{2} - 8x - 1$

$\mathbf{d = 35; r_1 = 17}$;

Disc $= -5915041431160103795803213523000793713237830347549 91$

$R = 28.22457$

$P = x^{35} + 8x^{34} + 3x^{33} - 134x^{32} - 275x^{31} + 916x^{30} + 3081x^{29} - 2940x^{28} - 17905x^{27} + 1454x^{26} + 65621 \times x^{25} + 25512x^{24} - 163236x^{23} - 114131x^{22} + 284353x^{21} + 266784x^{20} - 349711x^{19} - 402567x^{18} + 300539 \times x^{17} + 412947x^{16} - 174635x^{15} - 289813x^{14} + 63287x^{13} + 136464x^{12} - 10503x^{11} - 41159x^{10} - 1928x^{9} + 7245 \times x^{8} + 1822x^{7} - 592x^{6} - 618x^{5} + 2x^{4} + 112x^{3} + 4x^{2} - 8x - 1$

$\mathbf{d = 35; r_1 = 19}$;

Disc $= 3175754708307376702083254109758471167640059214416601$

$R = 29.61293$

$P = T_{35} + 2T_{34} + 2T_{33} + T_{32} + 2T_{29} + 4T_{28} + 4T_{27} + 3T_{26} + 2T_{25} + 3T_{24} + 4T_{23} + 4T_{22} + 3T_{21} + 3T_{20} + 4T_{19} + 6 \times T_{18} + 7T_{17} + 4T_{16} - T_{15} - 4T_{14} - T_{13} + 4T_{12} + 7T_{11} + 5T_{10} + T_9 - T_8 + T_6 - 2T_5 - 5T_4 - 4T_3 + 2T_2 + 6T_1 + 5$

$\mathbf{d = 35; r_1 = 21}$;

Disc $= -1773898362639233466349687194263381979988632266514 9959$

$R = 31.10474$

$P = T_{35} + T_{33} + T_{31} + T_{29} + 2T_{27} + 3T_{25} + 3T_{23} + 2T_{21} + 3T_{19} + 4T_{17} + 4T_{15} - T_{14} + 3T_{13} + 2T_{11} + 3 \times T_9 - T_8 + 3T_7 - T_6 + 2T_5 + T_3$

$\mathbf{d = 35; r_1 = 23}$;

Disc $= 173480427428189977757920767302618499583631929438572 3457$

$R = 35.45626$

$P = T_{35} + T_{34} + 2T_{33} + 2T_{32} + 2T_{31} + T_{30} + T_{29} + T_{25} + 2T_{24} + 3T_{23} + 3T_{22} + 3T_{21} + 2T_{20} + T_{19} + T_{15} + 2 \times T_{14} + 3T_{13} + 3T_{12} + 3T_{11} + 2T_{10} + T_9 - T_6 + T_4 + 2T_3 + 2T_2 + 2T_1 + 1$

$\mathbf{d = 35; r_1 = 25}$;

Disc $= -4297541191791940221654835115770285300726155746419004567$

$R = 36.38724$

$P = T_{35} + T_{33} + T_{32} + T_{31} + 2T_{29} + 2T_{27} + T_{26} + 2T_{25} + 3T_{23} + 3T_{21} + T_{20} + 3T_{19} + 4T_{17} + 3T_{15} + T_{14} + 4 \times T_{13} + 3T_{11} + 3T_9 + T_8 + 3T_7 + 2T_5 + T_3 + T_1$

$\mathbf{d = 35; r_1 = 27}$;

Disc $= 2964292337137197567515560102104810312742909096666786140 1$

$R = 38.45139$

$P = T_{35} + T_{33} + T_{31} + T_{29} + T_{28} + T_{27} + T_{26} + T_{25} + T_{24} + T_{23} + 2T_{22} + T_{21} + 2T_{20} + T_{19} + 2T_{18} + T_{17} + 2 \times T_{16} + T_{15} + 2T_{14} + T_{13} + 2T_{12} + 2T_{10} + 2T_8 + 2T_6 + T_4 + T_2$

$\mathbf{d = 35; r_1 = 29}$;

Disc $= -2677657143881466514031324604512717201969122105881652551679$

$R = 43.73136$

$P = T_{35} + 2T_{34} + 2T_{33} + 2T_{32} - 2T_{30} - 2T_{29} - T_{28} + T_{27} + T_{26} - 2T_{25} - 7T_{24} - 10T_{23} - 8T_{22} - 2T_{21} + 7 \times T_{20} + 11T_{19} + 7T_{18} - 7T_{16} - 6T_{15} + 4T_{14} + 15T_{13} + 21T_{12} + 15T_{11} - T_{10} - 16T_9 - 21T_8 - 14T_7 + T_6 + 13 \times T_5 + 11T_4 - T_3 - 17T_2 - 26T_1 - 17$

$\mathbf{d = 35; r_1 = 31}$;

Disc $= 1081951282266536909407404131022590790662993695087343658156217$

$R = 51.91144$

$P = x^{35} - 198x^{33} + 351x^{32} + 5376x^{31} - 9765x^{30} - 51639x^{29} + 89985x^{28} + 257376x^{27} - 425643x^{26} - 780484 \times x^{25} + 1224510x^{24} + 1568969x^{23} - 2341117x^{22} - 2202931x^{21} + 3136280x^{20} + 2233731x^{19} - 3043798 \times x^{18} - 1670519x^{17} + 2184867x^{16} + 932304x^{15} - 1173160x^{14} - 389666x^{13} + 472696x^{12} + 121380x^{11} - 142180 \times x^{10} - 27757x^{9} + 31438x^{8} + 4523x^{7} - 4959x^{6} - 497x^{5} + 528x^{4} + 33x^{3} - 34x^{2} - x + 1$

$\mathbf{d = 35; r_1 = 33}$;

Disc $= -1536556246143005905646295439145445140743683173206582244580 5563$

$R = 55.99988$

$P = T_{35} + T_{34} - T_{33} + T_{32} + 2T_{31} + T_{29} + 2T_{26} - T_{24} + T_{23} + T_{21} + T_{20} - T_{19} + T_{18} + 2T_{17} + T_{15} + 2 \times T_{12} - T_{10} + T_9 + T_7 + T_6 - T_5 + 2T_4 + T_3 + T_1$

$\mathbf{d = 35; r_1 = 35}$;

Disc $= 8765644561485836855807414161933174980800316925786009183782 23281$

$R = 62.85868$

$P = T_{35} + T_{34}$

$\mathbf{d = 36; r_1 = 0}$;

Disc $= 1077644542410836330972903082151060900347817$

$R = 14.70851$

$P = x^{36} + 6x^{35} + 21x^{34} + 55x^{33} + 121x^{32} + 237x^{31} + 425x^{30} + 708x^{29} + 1106x^{28} + 1631x^{27} + 2285 \times x^{26} + 3054x^{25} + 3907x^{24} + 4795x^{23} + 5656x^{22} + 6422x^{21} + 7027x^{20} + 7416x^{19} + 7551x^{18} + 7416x^{17} + 7027 \times x^{16} + 6422x^{15} + 5656x^{14} + 4795x^{13} + 3907x^{12} + 3054x^{11} + 2285x^{10} + 1631x^{9} + 1106x^{8} + 708x^{7} + 425 \times x^{6} + 237x^{5} + 121x^{4} + 55x^{3} + 21x^{2} + 6x + 1$

$\mathbf{d = 36; r_1 = 2}$;

Disc $= -3335629571211360578149396280094644980592717 9$

$R = 16.17995$

$P = x^{36} + 3x^{35} + 8x^{34} + 18x^{33} + 35x^{32} + 64x^{31} + 107x^{30} + 169x^{29} + 253x^{28} + 360x^{27} + 490x^{26} + 639x^{25} + 801 \times x^{24} + 967x^{23} + 1127x^{22} + 1267x^{21} + 1377x^{20} + 1448x^{19} + 1471x^{18} + 1448x^{17} + 1377x^{16} + 1267x^{15} + 1127 \times x^{14} + 967x^{13} + 801x^{12} + 639x^{11} + 490x^{10} + 360x^{9} + 253x^{8} + 169x^{7} + 107x^{6} + 64x^{5} + 35x^{4} + 18x^{3} + 8x^{2} + 3x + 1$

$\mathbf{d = 36; r_1 = 4}$;

Disc $= 1359159398381457087852475567651418524402193 29$

$R = 16.82380$

$P = x^{36} + 15x^{35} + 113x^{34} + 577x^{33} + 2248x^{32} + 7100x^{31} + 18810x^{30} + 42647x^{29} + 83662x^{28} + 142511 \times x^{27} + 209802x^{26} + 262199x^{25} + 264935x^{24} + 183733x^{23} + 3632x^{22} - 254374x^{21} - 530537x^{20} - 743790 \times x^{19} - 824097x^{18} - 743790x^{17} - 530537x^{16} - 254374x^{15} + 3632x^{14} + 183733x^{13} + 264935x^{12} + 262199 \times x^{11} + 209802x^{10} + 142511x^{9} + 83662x^{8} + 42647x^{7} + 18810x^{6} + 7100x^{5} + 2248x^{4} + 577x^{3} + 113x^{2} + 15x + 1$

$\mathbf{d = 36; r_1 = 6}$;

Disc $= -1291621141603376536264303584173346815307953327$

$R = 17.90965$

$P = x^{36} + 11x^{35} + 64x^{34} + 255x^{33} + 757x^{32} + 1707x^{31} + 2798x^{30} + 2566x^{29} - 2158x^{28} - 15574x^{27} - 40042 \times x^{26} - 71566x^{25} - 96695x^{24} - 95099x^{23} - 49562x^{22} + 40764x^{21} + 152968x^{20} + 246682x^{19} + 283229x^{18} + 246682 \times x^{17} + 152968x^{16} + 40764x^{15} - 49562x^{14} - 95099x^{13} - 96695x^{12} - 71566x^{11} - 40042x^{10} - 15574x^{9} - 2158 \times x^{8} + 2566x^{7} + 2798x^{6} + 1707x^{5} + 757x^{4} + 255x^{3} + 64x^{2} + 11x + 1$

$\mathbf{d = 36; r_1 = 8}$;

Disc $= 2854950253957672345492086616603704504421863492 1$

$R = 19.51791$

$P = x^{36} + 5x^{35} - 5x^{34} - 51x^{33} + 8x^{32} + 251x^{31} - 44x^{30} - 836x^{29} + 360x^{28} + 2069x^{27} - 1666x^{26} - 3912 \times x^{25} + 5036x^{24} + 5493x^{23} - 11018x^{22} - 4952x^{21} + 18241x^{20} + 556x^{19} - 23053x^{18} + 7131x^{17} + 21688x^{16} - 14334 \times x^{15} - 13799x^{14} + 16456x^{13} + 3699x^{12} - 12225x^{11} + 2828x^{10} + 5259x^{9} - 3636x^{8} - 531x^{7} + 1554x^{6} - 574 \times x^{5} - 124x^{4} + 182x^{3} - 70x^{2} + 13x - 1$

$\mathbf{d = 36; r_1 = 10}$;

Disc $= -1307014558704165196094729053941850844502131080711$

$R = 21.70518$

$P = x^{36} + 3x^{35} - 17x^{34} - 57x^{33} + 120x^{32} + 488x^{31} - 412x^{30} - 2474x^{29} + 356x^{28} + 8173x^{27} + 2866 \times x^{26} - 18109x^{25} - 14123x^{24} + 26282x^{23} + 33420x^{22} - 22113x^{21} - 48364x^{20} + 5001x^{19} + 44249x^{18} + 8731 \times x^{17} - 26113x^{16} - 7232x^{15} + 13945x^{14} + 1322x^{13} - 12090x^{12} - 3270x^{11} + 8302x^{10} + 6422x^{9} - 1008x^{8} - 3590 \times x^{7} - 1757x^{6} + 110x^{5} + 538x^{4} + 299x^{3} + 87x^{2} + 14x + 1$

$\mathbf{d = 36; r_1 = 12}$;

Disc $= 3467661830798395984786062540715885436291083254221$

$R = 22.30151$

$P = x^{36} + 9x^{35} + 35x^{34} + 67x^{33} + 26x^{32} - 165x^{31} - 342x^{30} - 100x^{29} + 548x^{28} + 711x^{27} - 245x^{26} - 1182 \times x^{25} - 403x^{24} + 1291x^{23} + 1069x^{22} - 1142x^{21} - 1552x^{20} + 952x^{19} + 1727x^{18} - 952x^{17} - 1552x^{16} + 1142 \times x^{15} + 1069x^{14} - 1291x^{13} - 403x^{12} + 1182x^{11} - 245x^{10} - 711x^{9} + 548x^{8} + 100x^{7} - 342x^{6} + 165x^{5} + 26 \times x^{4} - 67x^{3} + 35x^{2} - 9x + 1$

$\mathbf{d = 36; r_1 = 14}$;

Disc $= -2336175288735865090722315565371124134577315812271 19$

$R = 25.06832$

$P = x^{36} + 13x^{35} + 54x^{34} + 10x^{33} - 531x^{32} - 1136x^{31} + 1499x^{30} + 7948x^{29} + 3370x^{28} - 24988x^{27} - 36314 \times x^{26} + 30965x^{25} + 112599x^{24} + 39001x^{23} - 163652x^{22} - 199962x^{21} + 52366x^{20} + 282246x^{19} + 181561 \times x^{18} - 115997x^{17} - 257658x^{16} - 126931x^{15} + 86468x^{14} + 160428x^{13} + 71959x^{12} - 38844x^{11} - 64929 \times x^{10} - 26080x^{9} + 8979x^{8} + 14218x^{7} + 5602x^{6} - 296x^{5} - 1234x^{4} - 578x^{3} - 139x^{2} - 18x - 1$

$\mathbf{d = 36; r_1 = 16}$;

$\mathrm{Disc} = 44824661981503400172084989784318762309645328384075 7$
$R = 25.52622$
$P = x^{36} + 10x^{35} + 31x^{34} - 26x^{33} - 433x^{32} - 1174x^{31} - 756x^{30} + 3679x^{29} + 12266x^{28} + 16708x^{27} + 1910 \times x^{26} - 39034x^{25} - 86328x^{24} - 93948x^{23} - 21252x^{22} + 122529x^{21} + 261724x^{20} + 292633x^{19} + 158414 \times x^{18} - 96950x^{17} - 345053x^{16} - 454104x^{15} - 373904x^{14} - 160655x^{13} + 70995x^{12} + 224029x^{11} + 266005 \times x^{10} + 224285x^{9} + 149497x^{8} + 81485x^{7} + 36639x^{6} + 13520x^{5} + 4024x^{4} + 935x^{3} + 160x^{2} + 18x + 1$

$\mathbf{d = 36; r_1 = 18}$;
$\mathrm{Disc} = -324445366016586785871824547318162787674341089812309 1$
$R = 26.96901$
$P = x^{36} + 11x^{35} + 33x^{34} - 48x^{33} - 437x^{32} - 469x^{31} + 1777x^{30} + 4465x^{29} - 2265x^{28} - 17782x^{27} - 7738 \times x^{26} + 43626x^{25} + 48910x^{24} - 66055x^{23} - 137181x^{22} + 36347x^{21} + 236118x^{20} + 83665x^{19} - 243272x^{18} - 229330 \times x^{17} + 104477x^{16} + 257929x^{15} + 70159x^{14} - 136265x^{13} - 124085x^{12} + 1768x^{11} + 62254x^{10} + 35409x^{9} - 3625 \times x^{8} - 13691x^{7} - 6377x^{6} - 160x^{5} + 1112x^{4} + 561x^{3} + 138x^{2} + 18x + 1$

$\mathbf{d = 36; r_1 = 20}$;
$\mathrm{Disc} = 2141094242402979702740791899509850690379487854033951 09$
$R = 30.29748$
$P = x^{36} + x^{35} - 26x^{34} - 29x^{33} + 271x^{32} + 317x^{31} - 1518x^{30} - 1815x^{29} + 5006x^{28} + 6034x^{27} - 9537 \times x^{26} - 11578x^{25} + 7627x^{24} + 10269x^{23} + 9032x^{22} + 4565x^{21} - 34351x^{20} - 22029x^{19} + 46991x^{18} + 22029 \times x^{17} - 34351x^{16} - 4565x^{15} + 9032x^{14} - 10269x^{13} + 7627x^{12} + 11578x^{11} - 9537x^{10} - 6034x^{9} + 5006x^{8} + 1815 \times x^{7} - 1518x^{6} - 317x^{5} + 271x^{4} + 29x^{3} - 26x^{2} - x + 1$

$\mathbf{d = 36; r_1 = 22}$;
$\mathrm{Disc} = -7880654598837377949708770672421741998530991409512094 67$
$R = 31.41425$
$P = T_{36} + 2T_{34} + 3T_{32} + 3T_{30} + 4T_{28} + 5T_{26} + 6T_{24} + 7T_{22} + 8T_{20} + 8T_{18} + 8T_{16} + 8T_{14} + 8T_{12} + 8T_{10} + 7 \times T_{8} + 6T_{6} + 4T_{4} + 2T_{2} + T_{1} + 1$

$\mathbf{d = 36; r_1 = 24}$;
$\mathrm{Disc} = 4922958467158545380410148723576122797088119575190723082 1$
$R = 35.23760$
$P = x^{36} + 9x^{35} + 22x^{34} - 37x^{33} - 261x^{32} - 250x^{31} + 871x^{30} + 2076x^{29} - 566x^{28} - 6095x^{27} - 3392 \times x^{26} + 9541x^{25} + 10810x^{24} - 8557x^{23} - 16966x^{22} + 3842x^{21} + 18876x^{20} + 130x^{19} - 18791x^{18} - 130x^{17} + 18876 \times x^{16} - 3842x^{15} - 16966x^{14} + 8557x^{13} + 10810x^{12} - 9541x^{11} - 3392x^{10} + 6095x^{9} - 566x^{8} - 2076x^{7} + 871 \times x^{6} + 250x^{5} - 261x^{4} + 37x^{3} + 22x^{2} - 9x + 1$

$\mathbf{d = 36; r_1 = 26}$;
$\mathrm{Disc} = -5063413800771412140344099062456179562625622773694519757 1$
$R = 35.26514$
$P = T_{36} + T_{35} + T_{34} + T_{33} + T_{32} + T_{29} + 2T_{28} + 2T_{27} + 2T_{26} + 2T_{22} + 2T_{21} + 3T_{20} + 2T_{19} + T_{18} + T_{16} + 2 \times T_{15} + 4T_{14} + 3T_{13} + 2T_{12} + T_{10} + T_{9} + 2T_{8} + T_{7} + T_{6} + T_{5} + T_{4}$

$\mathbf{d = 36; r_1 = 28}$;
$\mathrm{Disc} = 5531444690339132887005530853410023783609030557122915467264$
$R = 40.17610$
$P = T_{36} + 3T_{34} + T_{32} - 5T_{30} - 2T_{28} + 8T_{26} + 3T_{24} - 11T_{22} - 2T_{20} + 15T_{18} + 4T_{16} - 12T_{14} + T_{12} + 13 \times T_{10} + T_{8} - 5T_{6} + 4T_{4} + 4T_{2}$

$\mathbf{d = 36; r_1 = 30}$;
$\mathrm{Disc} = -5225768764988174151033595857565103625383228421563290801807 1$
$R = 42.76217$
$P = x^{36} + 4x^{35} - 18x^{34} - 10x^{33} + 441x^{32} - 480x^{31} - 5950x^{30} + 6715x^{29} + 41745x^{28} - 52473x^{27} - 164427 \times x^{26} + 264616x^{25} + 351466x^{24} - 843842x^{23} - 255711x^{22} + 1666322x^{21} - 596624x^{20} - 1915018x^{19} + 1857672 \times x^{18} + 937177x^{17} - 2266529x^{16} + 484567x^{15} + 1367172x^{14} - 1003228x^{13} - 244781x^{12} + 582686x^{11} - 168839 \times x^{10} - 121636x^{9} + 99131x^{8} - 12158x^{7} - 13962x^{6} + 7048x^{5} - 908x^{4} - 272x^{3} + 121x^{2} - 18x + 1$

$\mathbf{d = 36; r_1 = 32}$;
$\mathrm{Disc} = 2348610785694242914761817490502158612886316795014266176405504$
$R = 47.52991$
$P = T_{36} + T_{34} + T_{32} - 2T_{26} - 3T_{24} - 5T_{22} - 7T_{20} - 9T_{18} - 11T_{16} - 12T_{14} - 13T_{12} - 13T_{10} - 13T_{8} - 11 \times T_{6} - 8T_{4} - 5T_{2} - 2$

$\mathbf{d = 36; r_1 = 34}$;

$\mathrm{Disc} = -2199679976759389757418056176137631403671444785613326851617325056$
$R = 57.47910$
$P = x^{36} - 35x^{34} + 532x^{32} - 4655x^{30} + 26162x^{28} - 99432x^{26} + 260201x^{24} - 461111x^{22} + 504930x^{20} - 197499 \times x^{18} - 342826x^{16} + 702369x^{14} - 640613x^{12} + 344636x^{10} - 110868x^{8} + 19873x^{6} - 1732x^{4} + 69x^{2} - 1$

$\mathbf{d = 36; r_1 = 36}$;
$\mathrm{Disc} = 650283960110523732445493152698630641403902247548103332519531 25$
$R = 52.12315$
$P = T_{36} - T_{34} - T_{27} + T_{25} + T_{9} - T_{7} - 1$

$\mathbf{d = 37; r_1 = 1}$;

Disc $= 39488564666682728618304523059966674443681356449$

$R = 18.17038$

$P = x^{37} + 3x^{36} + 6x^{35} + 11x^{34} + 18x^{33} + 27x^{32} + 39x^{31} + 55x^{30} + 74x^{29} + 96x^{28} + 121x^{27} + 148x^{26} + 174 \times x^{25} + 200x^{24} + 225x^{23} + 247x^{22} + 264x^{21} + 277x^{20} + 284x^{19} + 283x^{18} + 276x^{17} + 263x^{16} + 245x^{15} + 223 \times x^{14} + 198x^{13} + 173x^{12} + 146x^{11} + 119x^{10} + 95x^9 + 73x^8 + 54x^7 + 39x^6 + 27x^5 + 18x^4 + 11x^3 + 6x^2 + 3x + 1$

$\mathbf{d = 37; r_1 = 3}$;

Disc $= -78605446089523956162478591237913506538151093385 1$

$R = 19.70025$

$P = x^{37} + 2x^{36} - x^{35} - 14x^{34} - 24x^{33} + 23x^{32} + 151x^{31} + 269x^{30} + 34x^{29} - 1021x^{28} - 2529x^{27} - 1929 \times x^{26} + 4346x^{25} + 14848x^{24} + 17568x^{23} - 3617x^{22} - 48278x^{21} - 84089x^{20} - 62537x^{19} + 36417x^{18} + 170442 \times x^{17} + 251975x^{16} + 210438x^{15} + 47402x^{14} - 163089x^{13} - 326585x^{12} - 386827x^{11} - 347881x^{10} - 254254 \times x^9 - 154984x^8 - 79501x^7 - 34283x^6 - 12313x^5 - 3615x^4 - 840x^3 - 146x^2 - 17x - 1$

$\mathbf{d = 37; r_1 = 5}$;

Disc $= 2101414895211584239499359490418379320583263844870 9$

$R = 21.52984$

$P = x^{37} + 12x^{35} + 6x^{34} + 2x^{33} + 37x^{32} - 296x^{31} - 154x^{30} - 40x^{29} - 577x^{28} + 4057x^{27} + 3292x^{26} - 6050 \times x^{25} - 2207x^{24} - 22018x^{23} - 19053x^{22} + 103530x^{21} + 68375x^{20} - 204932x^{19} - 121884x^{18} + 251790x^{17} + 140773 \times x^{16} - 212408x^{15} - 114043x^{14} + 127970x^{13} + 66857x^{12} - 55774x^{11} - 28608x^{10} + 17493x^9 + 8865x^8 - 3855 \times x^7 - 1939x^6 + 567x^5 + 284x^4 - 50x^3 - 25x^2 + 2x + 1$

$\mathbf{d = 37; r_1 = 7}$;

Disc $= -2150741036596912563798966855681261695091711933707 71$

$R = 22.92663$

$P = x^{37} + 4x^{36} - 10x^{35} - 32x^{34} + 72x^{33} + 95x^{32} - 189x^{31} - 312x^{30} + 194x^{29} + 2055x^{28} - 4361x^{27} + 3374 \times x^{26} + 3520x^{25} - 13471x^{24} + 1976x^{23} + 56311x^{22} - 130697x^{21} + 153133x^{20} - 98940x^{19} + 9513x^{18} + 31077 \times x^{17} + 39099x^{16} - 150815x^{15} + 153163x^{14} - 35159x^{13} - 53484x^{12} + 34239x^{11} + 17260x^{10} - 25215x^9 + 3794 \times x^8 + 8359x^7 - 5828x^6 + 962x^5 + 646x^4 - 438x^3 + 121x^2 - 17x + 1$

$\mathbf{d = 37; r_1 = 9}$;

Disc $= 46487341663555091611499786084932150181937332237996 9$

$R = 23.40925$

$P = x^{37} + 6x^{36} - 3x^{35} - 42x^{34} + 43x^{33} + 175x^{32} - 87x^{31} - 1265x^{30} + 1793x^{29} + 4185x^{28} - 13737x^{27} + 5425 \times x^{26} + 32780x^{25} - 57779x^{24} + 1616x^{23} + 110443x^{22} - 131120x^{21} - 25074x^{20} + 207606x^{19} - 177900x^{18} - 60949 \times x^{17} + 234681x^{16} - 150073x^{15} - 65534x^{14} + 161430x^{13} - 79772x^{12} - 35737x^{11} + 65383x^{10} - 26843x^9 - 8707 \times x^8 + 14173x^7 - 5599x^6 - 296x^5 + 1234x^4 - 578x^3 + 139x^2 - 18x + 1$

$\mathbf{d = 37; r_1 = 11}$;

Disc $= -1223045229578064009091235084834620693711526652980 9087$

$R = 25.57224$

$P = T_{37} + 4T_{35} + 10T_{33} + 20T_{31} + 35T_{29} + 55T_{27} + 78T_{25} + 102T_{23} + 125T_{21} + 144T_{19} + 158T_{17} + T_{16} + 167 \times T_{15} + T_{14} + 171T_{13} + T_{12} + 170T_{11} + T_{10} + 163T_9 + T_8 + 148T_7 + T_6 + 124T_5 + T_4 + 90T_3 + T_2 + 47T_1 + 1$

$\mathbf{d = 37; r_1 = 13}$;

Disc $= 17559331603268335511960539105268706531015998557308 7081$

$R = 27.48152$

$P = T_{37} + 3T_{35} + 6T_{33} - T_{32} + 11T_{31} - 2T_{30} + 18T_{29} - 3T_{28} + 28T_{27} - 5T_{26} + 40T_{25} - 7T_{24} + 53T_{23} - 10 \times T_{22} + 68T_{21} - 13T_{20} + 83T_{19} - 15T_{18} + 97T_{17} - 18T_{16} + 108T_{15} - 20T_{14} + 114T_{13} - 21T_{12} + 116T_{11} - 21 \times T_{10} + 111T_9 - 19T_8 + 99T_7 - 17T_6 + 81T_5 - 13T_4 + 57T_3 - 8T_2 + 30T_1 - 2$

$\mathbf{d = 37; r_1 = 15}$;

Disc $= -2443571550958532159719026142026977292155691375277679759$

$R = 29.50847$

$P = T_{37} + 6T_{35} + 20T_{33} + T_{32} + 50T_{31} + 4T_{30} + 105T_{29} + 9T_{28} + 194T_{27} + 16T_{26} + 324T_{25} + 26T_{24} + 498 \times T_{23} + 39T_{22} + 713T_{21} + 55T_{20} + 958T_{19} + 72T_{18} + 1213T_{17} + 88T_{16} + 1450T_{15} + 101T_{14} + 1637T_{13} + 110 \times T_{12} + 1742T_{11} + 113T_{10} + 1738T_9 + 109T_8 + 1608T_7 + 96T_6 + 1349T_5 + 75T_4 + 973T_3 + 47T_2 + 509T_1 + 16$

$\mathbf{d = 37; r_1 = 17}$;

Disc $= 17642969869122955665360664029389960175430861718764302 77$

$R = 29.24984$

$P = T_{37} + 2T_{36} + 4T_{35} + 7T_{34} + 10T_{33} + 15T_{32} + 19T_{31} + 24T_{30} + 29T_{29} + 33T_{28} + 38T_{27} + 41T_{26} + 45 \times T_{25} + 49T_{24} + 53T_{23} + 57T_{22} + 61T_{21} + 65T_{20} + 68T_{19} + 71T_{18} + 71T_{17} + 72T_{16} + 71T_{15} + 68T_{14} + 66 \times T_{13} + 61T_{12} + 58T_{11} + 54T_{10} + 49T_9 + 46T_8 + 42T_7 + 38T_6 + 34T_5 + 29T_4 + 24T_3 + 19T_2 + 12T_1 + 6$

$\mathbf{d = 37; r_1 = 19}$;

Disc $= -4433104201230846779593017872662087202828086389686174720 3$

$R = 31.91281$

$P = x^{37} - 48x^{35} + 25x^{34} + 810x^{33} - 370x^{32} - 7444x^{31} + 2555x^{30} + 42777x^{29} - 12149x^{28} - 167049 \times x^{27} + 45461x^{26} + 463426x^{25} - 133030x^{24} - 934867x^{23} + 293434x^{22} + 1391845x^{21} - 478147x^{20} - 1545528 \times x^{19} + 573949x^{18} + 1288922x^{17} - 509914x^{16} - 809761x^{15} + 336971x^{14} + 382564x^{13} - 165818x^{12} - 134826 \times x^{11} + 60426x^{10} + 34850x^9 - 16064x^8 - 6406x^7 + 3025x^6 + 792x^5 - 382x^4 - 59x^3 + 29x^2 + 2x - 1$

$\mathbf{d = 37; r_1 = 21}$;

Disc $= 6792310255108026807189120139796233403500808602012633 1517$

$R = 32.28297$

$P = T_{37} + T_{36} + 2T_{35} + 2T_{34} + 2T_{33} + 2T_{32} + 2T_{31} + 2T_{30} + 3T_{29} + 3T_{28} + 3T_{27} + 4T_{26} + 2T_{25} + 4T_{24} + 2 \times T_{23} + 3T_{22} + 3T_{21} + 3T_{20} + 3T_{19} + 4T_{18} + 2T_{17} + 4T_{16} + 2T_{15} + T_{14} + 3T_{13} + T_{12} + 3T_{11} + 4T_{10} + 2T_9 + 4 \times T_8 + 2T_7 + T_6 + 3T_5 + T_4 + 2T_3 + 3T_2 + 2$

$\mathbf{d = 37; r_1 = 23}$;

Disc $= -4622118261814884409936839645086967929451760712645919697459$

$R = 36.18339$

$P = T_{37} + 2T_{35} + 3T_{33} + 4T_{31} + T_{30} + 5T_{29} + T_{28} + 6T_{27} + T_{26} + 7T_{25} + T_{24} + 8T_{23} + T_{22} + 9T_{21} + T_{20} + 10 \times T_{19} + T_{18} + 11T_{17} + T_{16} + 11T_{15} + T_{14} + 10T_{13} + T_{12} + 9T_{11} + T_{10} + 8T_9 + 7T_7 + 6T_5 + 5T_3 + 2T_1$

$\mathbf{d = 37; r_1 = 25}$;

Disc $= 1779250027591368810803368886333281873879702019967047330985 89$

$R = 39.93537$

$P = T_{37} + 2T_{36} + 2T_{35} + 2T_{34} + 2T_{33} + 2T_{32} + 2T_{31} + 3T_{30} + 2T_{29} - 3T_{28} - 10T_{27} - 17T_{26} - 24T_{25} - 33 \times T_{24} - 43T_{23} - 59T_{22} - 80T_{21} - 101T_{20} - 118T_{19} - 131T_{18} - 146T_{17} - 160T_{16} - 177T_{15} - 192T_{14} - 197 \times T_{13} - 192T_{12} - 181T_{11} - 172T_{10} - 162T_9 - 154T_8 - 141T_7 - 118T_6 - 91T_5 - 68T_4 - 54T_3 - 43T_2 - 35T_1 - 21$

$\mathbf{d = 37; r_1 = 27}$;

Disc $= -2483759176076727528326112359211113378141173708003973178655 39$

$R = 40.29705$

$P = T_{37} + T_{35} + T_{33} + T_{31} + T_{29} + T_{27} + T_{26} + T_{25} + T_{24} + T_{23} + T_{22} + T_{21} + T_{20} + T_{19} + T_{18} + T_{17} + T_{16} + T_{15} + T_{14} + T_{13} + T_{12} + T_{11} + T_9 + T_7 + T_6 + T_5$

$\mathbf{d = 37; r_1 = 29}$;

Disc $= 9839392051855707759672304074768552311689636696708478940269 449$

$R = 44.51010$

$P = T_{37} + 3T_{36} + 4T_{35} + 2T_{34} - 2T_{33} - 4T_{32} - T_{31} + 5T_{30} + 6T_{29} - 2T_{28} - 12T_{27} - 14T_{26} - 3T_{25} + 11 \times T_{24} + 14T_{23} + T_{22} - 14T_{21} - 13T_{20} + 5T_{19} + 23T_{18} + 20T_{17} - 3T_{16} - 23T_{15} - 19T_{14} + 5T_{13} + 21T_{12} + 10 \times T_{11} - 19T_{10} - 33T_9 - 15T_8 + 19T_7 + 33T_6 + 12T_5 - 20T_4 - 27T_3 + T_2 + 33T_1 + 34$

$\mathbf{d = 37; r_1 = 31}$;

Disc $= -1012918068861423156768176444773493127516470727531224128806 25463$

$R = 47.40524$

$P = T_{37} + T_{36} - T_{35} - 2T_{34} - T_{33} + T_{31} + 2T_{30} + 2T_{29} + T_{28} - T_{27} - 3T_{26} - 4T_{25} - 2T_{24} + 2T_{23} + 4T_{22} + 4 \times T_{21} + 2T_{20} - T_{19} - 4T_{18} - 5T_{17} - 3T_{16} + T_{15} + 5T_{14} + 6T_{13} + 3T_{12} - 2T_{11} - 5T_{10} - 6T_9 - 4T_8 + T_7 + 6 \times T_6 + 8T_5 + 5T_4 - T_3 - 7T_2 - 8T_1 - 5$

$\mathbf{d = 37; r_1 = 33}$;

Disc $= 4008792588980106407893679060480501916422099064236466410044 1962373$

$R = 55.72209$

$P = T_{37} + 2T_{36} + T_{35} + T_{34} + 2T_{33} - 2T_{31} - T_{30} + T_{27} + 2T_{26} + T_{25} - T_{22} - T_{21} + T_{20} + T_{19} + T_{17} - 3 \times T_{15} - 2T_{14} - T_{12} + 3T_{10} + 2T_9 - T_8 - T_7 - T_6 - 3T_5 - 2T_4 + T_3 + T_2 + T_1 + 2$

$\mathbf{d = 37; r_1 = 35}$;

Disc $= -4495760407071299945270779449682682009127518533405699893027849 45647$

$R = 59.48399$

$P = T_{37} + 2T_{34} + T_{31} + T_{30} + 2T_{27} - T_{25} + T_{24} - T_{22} - T_{18} - T_{15} - T_{13} - T_{11} - T_{10} - T_8 - T_7 - T_6 - T_4 - T_3 - 1$

$\mathbf{d = 37; r_1 = 37}$;

Disc $= 7121754121835572828480141042256846227387413956725620421364957609 02429$

$R = 72.59066$
$P = T_{37} + T_{36} - T_{35} - T_{34} - T_{33} - T_{32} + T_{29} - 2T_{27} + T_{23} + T_{21} + 2T_{18} - T_{17} - T_{16} - T_{14} + T_{13} - 3 \times T_9 + T_7 - T_6 + T_5 - T_1 + 2$

$\mathbf{d = 38; r_1 = 0}$;

Disc $= -5986564482374257660035352237494490732687286327$

$R = 16.02000$

$P = x^{38} + x^{36} - x^{33} - 2x^{31} + x^{30} - x^{29} + x^{28} - x^{27} + 2x^{26} - 3x^{25} + x^{24} - 2x^{23} + x^{22} - x^{21} + 4x^{20} - x^{19} + 4 \times x^{18} - x^{17} + x^{16} - 2x^{15} + x^{14} - 3x^{13} + 2x^{12} - x^{11} + x^{10} - x^9 + x^8 - 2x^7 - x^5 + x^2 + 1$

$\mathbf{d = 38; r_1 = 2}$;

Disc $= 16347138637735306844675853126620845626354100249$

$R = 16.44914$

$P = x^{38} + 19x^{37} + 185x^{36} + 1221x^{35} + 6115x^{34} + 24701x^{33} + 83612x^{32} + 243468x^{31} + 621660x^{30} + 1412460 \times x^{29} + 2889217x^{28} + 5371682x^{27} + 9150062x^{26} + 14375843x^{25} + 20950084x^{24} + 28451498x^{23} + 36141605 \times x^{22} + 43063186x^{21} + 48218982x^{20} + 50789763x^{19} + 50332970x^{18} + 46901396x^{17} + 41039923x^{16} + 33655106 \times x^{15} + 25796024x^{14} + 18416527x^{13} + 12192874x^{12} + 7444418x^{11} + 4162161x^{10} + 2111940x^9 + 961544 \times x^8 + 387128x^7 + 135266x^6 + 40026x^5 + 9708x^4 + 1844x^3 + 256x^2 + 23x + 1$

$\mathbf{d = 38; r_1 = 4}$;

Disc $= -7959439631032255821450691023117778796975498081 99$

$R = 18.22005$

$P = x^{38} + x^{37} + 2x^{36} + 3x^{35} + 4x^{34} + 7x^{33} + 8x^{32} + 12x^{31} + 14x^{30} + 18x^{29} + 22x^{28} + 26x^{27} + 30x^{26} + 34 \times x^{25} + 37x^{24} + 41x^{23} + 44x^{22} + 45x^{21} + 48x^{20} + 45x^{19} + 48x^{18} + 45x^{17} + 44x^{16} + 41x^{15} + 37x^{14} + 34 \times x^{13} + 30x^{12} + 26x^{11} + 22x^{10} + 18x^9 + 14x^8 + 12x^7 + 8x^6 + 7x^5 + 4x^4 + 3x^3 + 2x^2 + x + 1$

$\mathbf{d = 38; r_1 = 6}$;

Disc $= 29528566737069931281855174095683516070962764865 93$

$R = 18.85961$

$P = x^{38} + 7x^{37} + 18x^{36} + 17x^{35} - 11x^{34} - 55x^{33} - 81x^{32} + 8x^{31} + 183x^{30} + 41x^{29} - 321x^{28} + 4x^{27} + 556 \times x^{26} + 67x^{25} - 498x^{24} - 381x^{23} - 238x^{22} + 702x^{21} + 1097x^{20} - 819x^{19} - 1097x^{18} + 702x^{17} + 238x^{16} - 381 \times x^{15} + 498x^{14} + 67x^{13} - 556x^{12} + 4x^{11} + 321x^{10} + 41x^9 - 183x^8 + 8x^7 + 81x^6 - 55x^5 + 11x^4 + 17x^3 - 18x^2 + 7x - 1$

$\mathbf{d = 38; r_1 = 8}$;

Disc $= -2298284682005658713118597778847398654266296743 65943$

$R = 21.14950$

$P = x^{38} + 21x^{37} + 223x^{36} + 1548x^{35} + 7771x^{34} + 29940x^{33} + 92350x^{32} + 235479x^{31} + 508451x^{30} + 944815 \times x^{29} + 1521647x^{28} + 2113878x^{27} + 2472610x^{26} + 2265617x^{25} + 1198449x^{24} - 816892x^{23} - 3528844x^{22} - 6340513x^{21} - 8476054x^{20} - 9274577x^{19} - 8476054x^{18} - 6340513x^{17} - 3528844x^{16} - 816892x^{15} + 1198449 \times x^{14} + 2265617x^{13} + 2472610x^{12} + 2113878x^{11} + 1521647x^{10} + 944815x^9 + 508451x^8 + 235479x^7 + 92350 \times x^6 + 29940x^5 + 7771x^4 + 1548x^3 + 223x^2 + 21x + 1$

$\mathbf{d = 38; r_1 = 10}$;

Disc $= 5505862847787374624722257218605749314436468803 58373$

$R = 21.64138$

$P = x^{38} + 12x^{37} + 73x^{36} + 308x^{35} + 1022x^{34} + 2844x^{33} + 6900x^{32} + 14960x^{31} + 29473x^{30} + 53405 \times x^{29} + 89798x^{28} + 141071x^{27} + 208145x^{26} + 289610x^{25} + 381219x^{24} + 475898x^{23} + 564491x^{22} + 637096 \times x^{21} + 684811x^{20} + 701459x^{19} + 684811x^{18} + 637096x^{17} + 564491x^{16} + 475898x^{15} + 381219x^{14} + 289610 \times x^{13} + 208145x^{12} + 141071x^{11} + 89798x^{10} + 53405x^9 + 29473x^8 + 14960x^7 + 6900x^6 + 2844x^5 + 1022 \times x^4 + 308x^3 + 73x^2 + 12x + 1$

$\mathbf{d = 38; r_1 = 12}$;

Disc $= -5993741886641584471085023465841936784183531982204 9679$

$R = 24.48425$

$P = x^{38} + 19x^{37} + 159x^{36} + 753x^{35} + 2046x^{34} + 1938x^{33} - 8556x^{32} - 44892x^{31} - 106937x^{30} - 130687 \times x^{29} + 38325x^{28} + 553921x^{27} + 1331384x^{26} + 1846820x^{25} + 1307086x^{24} - 703123x^{23} - 3551155x^{22} - 5622131 \times x^{21} - 5371198x^{20} - 2604238x^{19} + 1199082x^{18} + 3922757x^{17} + 4336379x^{16} + 2798035x^{15} + 680199x^{14} - 778647x^{13} - 1181762x^{12} - 868560x^{11} - 379464x^{10} - 46029x^9 + 77859x^8 + 78336x^7 + 44394x^6 + 17954 \times x^5 + 5429x^4 + 1220x^3 + 195x^2 + 20x + 1$

$\mathbf{d = 38; r_1 = 14}$;

Disc $= 3057229995443654992713785263954383177637205143154458 49$

$R = 25.55693$

$P = x^{38} + 17x^{37} + 108x^{36} + 266x^{35} - 208x^{34} - 2528x^{33} - 3899x^{32} + 5177x^{31} + 22141x^{30} + 11393x^{29} - 45804 \times x^{28} - 70663x^{27} + 24014x^{26} + 131049x^{25} + 59366x^{24} - 100615x^{23} - 88144x^{22} + 22649x^{21} - 27496x^{20} - 88038 \times x^{19} + 112789x^{18} + 281356x^{17} + 28917x^{16} - 315013x^{15} - 228364x^{14} + 116375x^{13} + 222674x^{12} + 55677 \times x^{11} - 80208x^{10} - 64697x^9 - 3751x^8 + 17612x^7 + 9282x^6 + 646x^5 - 1264x^4 - 645x^3 - 153x^2 - 19x - 1$

$\mathbf{d = 38; r_1 = 16}$;

Disc $= -174576810415746406769417161998718154225103427903211759 1$

$R = 26.75597$

$P = x^{38} + 15x^{37} + 81x^{36} + 139x^{35} - 351x^{34} - 1781x^{33} - 1488x^{32} + 5047x^{31} + 12464x^{30} + 3123x^{29} - 26690 \times x^{28} - 45231x^{27} - 4675x^{26} + 95158x^{25} + 131633x^{24} - 44715x^{23} - 288027x^{22} - 176445x^{21} + 294010x^{20} + 443812 \times x^{19} - 66444x^{18} - 517103x^{17} - 228172x^{16} + 321087x^{15} + 339771x^{14} - 48216x^{13} - 227205x^{12} - 82789 \times x^{11} + 66282x^{10} + 64041x^{9} + 6303x^{8} - 16212x^{7} - 8914x^{6} - 595x^{5} + 1267x^{4} + 645x^{3} + 153x^{2} + 19x + 1$

$\mathbf{d = 38; r_1 = 18}$;

Disc $= 318262241213040024343724846836205422495226686816224928 49$

$R = 28.88016$

$P = x^{38} + 12x^{37} + 44x^{36} - 17x^{35} - 478x^{34} - 762x^{33} + 1702x^{32} + 5858x^{31} - 349x^{30} - 19747x^{29} - 15653 \times x^{28} + 34454x^{27} + 53482x^{26} - 24252x^{25} - 82329x^{24} - 13974x^{23} + 43385x^{22} + 10777x^{21} + 53364x^{20} + 114381 \times x^{19} - 69376x^{18} - 280741x^{17} - 83898x^{16} + 277006x^{15} + 242893x^{14} - 87632x^{13} - 214043x^{12} - 61800x^{11} + 74677 \times x^{10} + 63590x^{9} + 4322x^{8} - 17188x^{7} - 9162x^{6} - 629x^{5} + 1265x^{4} + 645x^{3} + 153x^{2} + 19x + 1$

$\mathbf{d = 38; r_1 = 20}$;

Disc $= -1492749683905988485428804810812676888202335132541398958991$

$R = 31.95793$

$P = x^{38} + 14x^{37} + 63x^{36} + 18x^{35} - 701x^{34} - 1834x^{33} + 1245x^{32} + 12374x^{31} + 11904x^{30} - 34823x^{29} - 80377 \times x^{28} + 26724x^{27} + 242249x^{26} + 133547x^{25} - 424174x^{24} - 555066x^{23} + 378626x^{22} + 1102144x^{21} + 110086 \times x^{20} - 1322843x^{19} - 826452x^{18} + 894422x^{17} + 1169163x^{16} - 140678x^{15} - 867224x^{14} - 303629x^{13} + 324892 \times x^{12} + 277890x^{11} - 13973x^{10} - 101468x^{9} - 36508x^{8} + 11148x^{7} + 12057x^{6} + 2652x^{5} - 726x^{4} - 573x^{3} - 149 \times x^{2} - 19x - 1$

$\mathbf{d = 38; r_1 = 22}$;

Disc $= 1200631636180482952532239184508685190038689496058958964 4549$

$R = 33.76024$

$P = x^{38} + 7x^{37} - 24x^{36} - 236x^{35} + 65x^{34} + 2593x^{33} + 1228x^{32} - 12543x^{31} - 12904x^{30} + 20970x^{29} + 80766 \times x^{28} + 41689x^{27} - 371082x^{26} - 215004x^{25} + 1157070x^{24} + 165191x^{23} - 2313099x^{22} + 700936x^{21} + 2802010 \times x^{20} - 2096076x^{19} - 1707097x^{18} + 2568747x^{17} - 85829x^{16} - 1513811x^{15} + 849668x^{14} + 213370x^{13} - 454978 \times x^{12} + 201409x^{11} + 13783x^{10} - 69263x^{9} + 45397x^{8} - 13428x^{7} - 2293x^{6} + 4624x^{5} - 2519x^{4} + 807x^{3} - 162 \times x^{2} + 19x - 1$

$\mathbf{d = 38; r_1 = 24}$;

Disc $= -2328583128528796654472462979808002774037636328732023005208 83$

$R = 36.49992$

$P = T_{38} - T_{36} - 2T_{35} + T_{34} + 3T_{33} + 2T_{32} - 3T_{31} - 5T_{30} + T_{29} + 6T_{28} + 4T_{27} - 6T_{26} - 7T_{25} + T_{24} + 11 \times T_{23} + 5T_{22} - 9T_{21} - 13T_{20} + 3T_{19} + 17T_{18} + 8T_{17} - 13T_{16} - 18T_{15} + 2T_{14} + 21T_{13} + 13T_{12} - 16T_{11} - 22 \times T_{10} + 2T_{9} + 25T_{8} + 13T_{7} - 16T_{6} - 26T_{5} + T_{4} + 29T_{3} + 16T_{2} - 19T_{1} - 27$

$\mathbf{d = 38; r_1 = 26}$;

Disc $= 9860804582151538283509468379601279365508498329724505984860 16$

$R = 37.91291$

$P = T_{38} + T_{36} + 2T_{34} + 2T_{32} + 2T_{30} + 2T_{28} + 2T_{26} + 2T_{24} + 2T_{22} + T_{20} + T_{18} - T_{12} - T_{10} - T_{8} - 2T_{6} - T_{4} - T_{2}$

$\mathbf{d = 38; r_1 = 28}$;

Disc $= -2652241683892769422082890320076926486278002701549385765270 5747$

$R = 41.34385$

$P = T_{38} + 2T_{37} + 2T_{36} + 2T_{35} + 2T_{34} + T_{33} + T_{30} + 2T_{29} + 2T_{28} + T_{27} - 2T_{25} - 4T_{24} - T_{23} + 3T_{22} + 3T_{21} + 5 \times T_{20} + 6T_{19} - 3T_{17} - T_{16} + 4T_{14} + 7T_{13} + 4T_{12} + 3T_{11} - T_{10} - 8T_{9} - 4T_{8} + 2T_{7} + T_{6} + 6T_{5} + 8T_{4} - T_{3} - 5T_{2} - 4T_{1} - 5$

$\mathbf{d = 38; r_1 = 30}$;

Disc $= 2659486261700060235561288222037315491289862727548363185963 66336$

$R = 43.92966$

$P = T_{38} + 3T_{36} - 10T_{34} - 87T_{32} - 340T_{30} - 992T_{28} - 2386T_{26} - 4977T_{24} - 9240T_{22} - 15557T_{20} - 23987 \times T_{18} - 34099T_{16} - 44871T_{14} - 54708T_{12} - 61661T_{10} - 63807T_{8} - 59749T_{6} - 48986T_{4} - 32195T_{2} - 11229$

$\mathbf{d = 38; r_1 = 32}$;

Disc $= -4803230514569033885259289491141164212612914642789879500675769723$

$R = 47.40562$

$P = T_{38} + T_{37} + 2T_{36} + 3T_{35} + 3T_{34} + 6T_{33} + 5T_{32} + 8T_{31} + 10T_{30} + 10T_{29} + 17T_{28} + 16T_{27} + 21T_{26} + 27 \times T_{25} + 28T_{24} + 32T_{23} + 38T_{22} + 41T_{21} + 39T_{20} + 53T_{19} + 47T_{18} + 48T_{17} + 65T_{16} + 49T_{15} + 58T_{14} + 67 \times T_{13} + 53T_{12} + 57T_{11} + 65T_{10} + 50T_{9} + 46T_{8} + 63T_{7} + 33T_{6} + 37T_{5} + 50T_{4} + 13T_{3} + 25T_{2} + 25T_{1} - 3$

$\mathbf{d = 38; r_1 = 34}$;

Disc $= 825397512189897856423204375911338449589945266535154629036851351 77$

$R = 51.08969$

$P = T_{38} - T_{34} - T_{33} + 3T_{32} - T_{31} + T_{29} - 3T_{28} - 2T_{27} + 4T_{26} - 2T_{25} + T_{24} + 2T_{23} - 4T_{22} - 2T_{21} + 4T_{20} - 2 \times T_{19} + 2T_{18} + 3T_{17} - 3T_{16} - 2T_{15} + 3T_{14} - 2T_{13} + 2T_{12} + 3T_{11} - 2T_{10} - 2T_{9} + T_{8} - 2T_{7} + 2T_{5} - T_{4} - T_{3} - T_{1}$

$\mathbf{d = 38; r_1 = 36}$;

Disc $= -39307778398837470083237462118068473745663434232879090472543154339 84$

$R = 56.55699$

$P = x^{38} - 41x^{36} + 644x^{34} - 5268x^{32} + 25490x^{30} - 75622x^{28} + 126040x^{26} - 39123x^{24} - 362462x^{22} + 1033902 \times x^{20} - 1583747x^{18} + 1614968x^{16} - 1158499x^{14} + 593005x^{12} - 215320x^{10} + 54210x^{8} - 9055x^{6} + 927x^{4} - 50x^{2} + 1$

$\mathbf{d = 38; r_1 = 38}$;

Disc $= 161161891435233627341273594684080742357220080354804270937426932793 344$

$R = 62.36314$

$P = T_{38} - 3T_{36} + 3T_{34} - 2T_{32} + 3T_{30} - 3T_{28} + T_{26} - T_{24} + 2T_{22} - T_{20} + T_{18} - 3T_{16} + 2T_{14} + 2T_{10} - 3 \times T_{8} + T_{6} - 2T_{4} + 4T_{2} - 3$

$\mathbf{d = 39; r_1 = 1}$;

Disc $= -227148045688360403731584676427526733328971855130 03$

$R = 18.43089$

$P = x^{39} + 3x^{38} + 27x^{37} - 98x^{36} + 211x^{35} - 621x^{34} + 2139x^{33} - 6162x^{32} + 15256x^{31} - 35670x^{30} + 81380 \times x^{29} - 179590x^{28} + 378271x^{27} - 753481x^{26} + 1407015x^{25} - 2445652x^{24} + 3944292x^{23} - 5904550x^{22} + 8220745 \times x^{21} - 10664065x^{20} + 12899603x^{19} - 14547108x^{18} + 15277376x^{17} - 14912780x^{16} + 13492236x^{15} - 11271766 \times x^{14} + 8654902x^{13} - 6074986x^{12} + 3874521x^{11} - 2230461x^{10} + 1150447x^{9} - 527180x^{8} + 212461x^{7} - 74358 \times x^{6} + 22226x^{5} - 5544x^{4} + 1115x^{3} - 171x^{2} + 18x - 1$

$\mathbf{d = 39; r_1 = 3}$;

Disc $= 301678910212198116292271436306721714060769362313 81$

$R = 18.56548$

$P = x^{39} + 3x^{38} - 11x^{37} - 37x^{36} + 58x^{35} + 213x^{34} - 193x^{33} - 733x^{32} + 475x^{31} + 1648x^{30} - 963x^{29} - 2505 \times x^{28} + 1652x^{27} + 2640x^{26} - 2278x^{25} - 2128x^{24} + 2533x^{23} + 1838x^{22} - 2720x^{21} - 1924x^{20} + 3289x^{19} + 1327 \times x^{18} - 3508x^{17} + 95x^{16} + 2433x^{15} - 790x^{14} - 1047x^{13} + 338x^{12} + 717x^{11} - 174x^{10} - 721x^{9} + 548x^{8} + 176 \times x^{7} - 450x^{6} + 215x^{5} + 43x^{4} - 97x^{3} + 48x^{2} - 11x + 1$

$\mathbf{d = 39; r_1 = 5}$;

Disc $= -39159370218535127247473931409361913125777721849809643$

$R = 21.03261$

$P = x^{39} - 13x^{37} + 9x^{36} + 78x^{35} - 108x^{34} - 234x^{33} + 594x^{32} + 143x^{31} - 1810x^{30} + 1573x^{29} + 2755 \times x^{28} - 6445x^{27} + 522x^{26} + 11673x^{25} - 11301x^{24} - 7653x^{23} + 22308x^{22} - 10756x^{21} - 16461x^{20} + 28003 \times x^{19} - 8843x^{18} - 20541x^{17} + 27294x^{16} - 6120x^{15} - 17031x^{14} + 19492x^{13} - 4763x^{12} - 8872x^{11} + 10365 \times x^{10} - 3356x^{9} - 2703x^{8} + 3531x^{7} - 1445x^{6} - 198x^{5} + 532x^{4} - 292x^{3} + 86x^{2} - 14x + 1$

$\mathbf{d = 39; r_1 = 7}$;

Disc $= 22338502240467171340033500790808244232955670229898653$

$R = 21.99295$

$P = x^{39} - 13x^{37} - 15x^{36} + 82x^{35} + 182x^{34} - 233x^{33} - 1074x^{32} - 151x^{31} + 3728x^{30} + 3945x^{29} - 7486 \times x^{28} - 16819x^{27} + 5031x^{26} + 41368x^{25} + 18354x^{24} - 66059x^{23} - 70781x^{22} + 66123x^{21} + 133903x^{20} - 28005 \times x^{19} - 168391x^{18} - 28496x^{17} + 150590x^{16} + 65935x^{15} - 96647x^{14} - 66676x^{13} + 42737x^{12} + 43935x^{11} - 10824 \times x^{10} - 20019x^{9} - 269x^{8} + 6042x^{7} + 1384x^{6} - 992x^{5} - 478x^{4} + 20x^{3} + 55x^{2} + 13x + 1$

$\mathbf{d = 39; r_1 = 9}$;

Disc $= -227485508933618655559478723406510926362305906885243931$

$R = 23.34141$

$P = x^{39} + 2x^{38} - 13x^{37} - 43x^{36} + 49x^{35} + 362x^{34} + 185x^{33} - 1537x^{32} - 2576x^{31} + 2799x^{30} + 11466 \times x^{29} + 3781x^{28} - 26292x^{27} - 34811x^{26} + 23178x^{25} + 89785x^{24} + 40776x^{23} - 110443x^{22} - 158802x^{21} + 15817 \times x^{20} + 217634x^{19} + 162912x^{18} - 108000x^{17} - 253206x^{16} - 91453x^{15} + 154701x^{14} + 181687x^{13} + 8068 \times x^{12} - 113011x^{11} - 70539x^{10} + 17975x^{9} + 39172x^{8} + 12082x^{7} - 6033x^{6} - 5160x^{5} - 899x^{4} + 267x^{3} + 112x^{2} + 7x - 1$

$\mathbf{d = 39; r_1 = 11}$;

Disc $= 36267446068118768337999198401587331607269698364552509$

$R = 22.26793$

$P = x^{39} - 24x^{37} - 24x^{36} + 218x^{35} + 436x^{34} - 717x^{33} - 2805x^{32} - 805x^{31} + 7065x^{30} + 9650x^{29} - 3750 \times x^{28} - 19983x^{27} - 14398x^{26} + 10616x^{25} + 25267x^{24} + 14400x^{23} - 6001x^{22} - 17058x^{21} - 16353x^{20} - 6958 \times x^{19} + 8597x^{18} + 19657x^{17} + 13172x^{16} - 6535x^{15} - 18660x^{14} - 11363x^{13} + 4705x^{12} + 12222x^{11} + 7304 \times x^{10} - 1012x^{9} - 4565x^{8} - 3157x^{7} - 652x^{6} + 561x^{5} + 583x^{4} + 275x^{3} + 78x^{2} + 13x + 1$

$\mathbf{d = 39; r_1 = 13}$;

Disc $= -342097268707274931863126014065749180421543806705419 3627$

$R = 25.02140$

$P = x^{39} - 13x^{37} + 7x^{36} + 78x^{35} - 84x^{34} - 270x^{33} + 462x^{32} + 539x^{31} - 1529x^{30} - 407x^{29} + 3355x^{28} - 922 \times x^{27} - 5049x^{26} + 3546x^{25} + 5164x^{24} - 6033x^{23} - 3362x^{22} + 6530x^{21} + 1141x^{20} - 4889x^{19} - 132x^{18} + 2751 \times x^{17} + 298x^{16} - 1432x^{15} - 575x^{14} + 828x^{13} + 488x^{12} - 419x^{11} - 299x^{10} + 72x^{9} + 190x^{8} + 148x^{7} - 62 \times x^{6} - 161x^{5} - 49x^{4} + 43x^{3} + 36x^{2} + 10x + 1$

$\mathbf{d = 39; r_1 = 15}$;

Disc $= 17258167415383820832520751299829051371270591160010362 6741$

$R = 27.66777$

$P = x^{39} + 4x^{38} - 9x^{37} - 106x^{36} - 274x^{35} + 132x^{34} + 2939x^{33} + 8978x^{32} + 8040x^{31} - 27373x^{30} - 90836 \times x^{29} - 45230x^{28} + 234532x^{27} + 386313x^{26} - 197175x^{25} - 935843x^{24} - 279875x^{23} + 1252542x^{22} + 1007093 \times x^{21} - 988064x^{20} - 1426204x^{19} + 356087x^{18} + 1251483x^{17} + 140360x^{16} - 739273x^{15} - 275550x^{14} + 293001 \times x^{13} + 187592x^{12} - 70648x^{11} - 77336x^{10} + 5603x^9 + 20619x^8 + 2389x^7 - 3412x^6 - 915x^5 + 292x^4 + 136 \times x^3 - 3x^2 - 8x - 1$

$\mathbf{d = 39; r_1 = 17}$;

Disc $= -525050942285014878758242812082267096833170491693140964153 9$

$R = 30.19988$

$P = x^{39} - 23x^{37} + 6x^{36} + 233x^{35} - 85x^{34} - 1416x^{33} + 475x^{32} + 5971x^{31} - 1156x^{30} - 18963x^{29} - 726 \times x^{28} + 47166x^{27} + 16049x^{26} - 92631x^{25} - 65367x^{24} + 140593x^{23} + 164560x^{22} - 153969x^{21} - 294142 \times x^{20} + 95806x^{19} + 385983x^{18} + 24187x^{17} - 369007x^{16} - 134614x^{15} + 245892x^{14} + 163586x^{13} - 101326 \times x^{12} - 113790x^{11} + 14886x^{10} + 48060x^9 + 7654x^8 - 11220x^7 - 4505x^6 + 945x^5 + 855x^4 + 90x^3 - 45x^2 - 13x - 1$

$\mathbf{d = 39; r_1 = 19}$;

Disc $= 2112103075811073761251669965314229851491872816583479772756 1$

$R = 31.29720$

$P = x^{39} + 6x^{38} - 7x^{37} - 87x^{36} - 169x^{35} + 64x^{34} + 2190x^{33} + 3175x^{32} - 5754x^{31} - 13695x^{30} - 21503x^{29} - 7185 \times x^{28} + 173789x^{27} + 221240x^{26} - 506073x^{25} - 842451x^{24} + 830145x^{23} + 1797796x^{22} - 783159x^{21} - 2546845 \times x^{20} + 270348x^{19} + 2532076x^{18} + 332549x^{17} - 1791135x^{16} - 595049x^{15} + 884447x^{14} + 478532x^{13} - 282778 \times x^{12} - 239433x^{11} + 43320x^{10} + 77328x^9 + 5456x^8 - 15136x^7 - 4147x^6 + 1379x^5 + 797x^4 + 35x^3 - 52x^2 - 13x - 1$

$\mathbf{d = 39; r_1 = 21}$;

Disc $= -2347690310268990609395060020628633335972998259563172529729 9$

$R = 31.38218$

$P = T_{39} + 6T_{38} + 20T_{37} + 54T_{36} + 127T_{35} + 264T_{34} + 506T_{33} + 912T_{32} + 1552T_{31} + 2523T_{30} + 3946 \times T_{29} + 5951T_{28} + 8695T_{27} + 12349T_{26} + 17076T_{25} + 23043T_{24} + 30395T_{23} + 39233T_{22} + 49618T_{21} + 61537 \times T_{20} + 74892T_{19} + 89502T_{18} + 105076T_{17} + 121221T_{16} + 137453T_{15} + 153195T_{14} + 167804T_{13} + 180597 \times T_{12} + 190883T_{11} + 197997T_{10} + 201332T_9 + 200393T_8 + 194820T_7 + 184408T_6 + 169158T_5 + 149264 \times T_4 + 125109T_3 + 97290T_2 + 66558T_1 + 33794$

$\mathbf{d = 39; r_1 = 23}$;

Disc $= 503206767217826034309970967728141606710642583893565343510818 1$

$R = 36.01265$

$P = x^{39} - 66x^{37} - 21x^{36} + 1576x^{35} + 805x^{34} - 21308x^{33} - 7259x^{32} + 167022x^{31} + 7437x^{30} - 793587 \times x^{29} + 156761x^{28} + 2436717x^{27} - 903108x^{26} - 5112044x^{25} + 2524123x^{24} + 7639772x^{23} - 4461786x^{22} - 8378044x^{21} + 5469754x^{20} + 6879410x^{19} - 4867947x^{18} - 4283079x^{17} + 3224866x^{16} + 2033754x^{15} - 1610500 \times x^{14} - 735980x^{13} + 608300x^{12} + 201350x^{11} - 172805x^{10} - 40919x^9 + 36337x^8 + 5984x^7 - 5485x^6 - 595 \times x^5 + 562x^4 + 36x^3 - 35x^2 - x + 1$

$\mathbf{d = 39; r_1 = 25}$;

Disc $= -1200676357436357203345281715054559680968203390784081403721336 59$

$R = 39.06431$

$P = T_{39} + T_{38} - T_{32} + T_{30} + 2T_{25} + T_{24} + T_{22} - T_{20} - T_{19} - 2T_{18} + T_{17} + 2T_{16} + T_{14} + T_{13} - T_{12} - T_{10} + 2 \times T_8 + T_5 - T_4 - T_1 + 1$

$\mathbf{d = 39; r_1 = 27}$;

Disc $= 4399603733174481765785414571464984289199628641100149986389968 09$

$R = 40.38698$

$P = T_{39} + 2T_{38} + 4T_{37} + 5T_{36} + 5T_{35} + 3T_{34} - 3T_{32} - 5T_{31} - 5T_{30} - 4T_{29} - 3T_{28} - T_{27} + 3T_{25} + 6T_{24} + 9 \times T_{23} + 10T_{22} + 8T_{21} + 3T_{20} - 4T_{19} - 10T_{18} - 14T_{17} - 15T_{16} - 13T_{15} - 8T_{14} - 2T_{13} + 5T_{12} + 12T_{11} + 18 \times T_{10} + 21T_9 + 19T_8 + 13T_7 + 3T_6 - 8T_5 - 16T_4 - 20T_3 - 18T_2 - 14T_1 - 7$

$\mathbf{d = 39; r_1 = 29}$;

Disc $= -2363007610644247661178134707791545734903383925278052129116145 771$

$R = 42.16583$

$P = T_{39} + T_{38} - 2T_{36} - 4T_{35} - 3T_{34} + 2T_{33} + 8T_{32} + 10T_{31} + 3T_{30} - 12T_{29} - 21T_{28} - 15T_{27} + 8T_{26} + 34 \times T_{25} + 37T_{24} + 6T_{23} - 40T_{22} - 65T_{21} - 37T_{20} + 33T_{19} + 89T_{18} + 81T_{17} - 2T_{16} - 101T_{15} - 129T_{14} - 51T_{13} + 84 \times T_{12} + 168T_{11} + 119T_{10} - 36T_9 - 177T_8 - 185T_7 - 39T_6 + 150T_5 + 227T_4 + 123T_3 - 86T_2 - 232T_1 - 193$

$\mathbf{d = 39; r_1 = 31}$;

Disc $= 2345548551928873683369024440851407090136932554450372894514397 54741$

$R = 47.44169$

$P = T_{39}+T_{38}+T_{37}+T_{36}-T_{33}-T_{32}-T_{31}+T_{29}+T_{28}+2T_{27}-T_{24}-T_{23}+2T_{20}+T_{19}+2T_{18}-T_{16}-T_{15}-2\times T_{14}+2T_{11}+2T_{10}+2T_{9}+T_{8}-T_{7}-T_{6}-2T_{5}-T_{4}+T_{2}+T_{1}+1$

$\mathbf{d = 39; r_1 = 33}$;

Disc $= -1434670246383965010730055055747119789475724073254166880525871413871 1$

$R = 52.71910$

$P = x^{39}-53x^{37}+1118x^{35}+64x^{34}-12424x^{33}-1824x^{32}+81665x^{31}+20832x^{30}-341285x^{29}-125808\times x^{28}+958945x^{27}+463428x^{26}-1891715x^{25}-1133050x^{24}+2702031x^{23}+1943380x^{22}-2849631x^{21}-2426966x^{20}+2239432x^{19}+2261569x^{18}-1309214x^{17}-1596140x^{16}+560337x^{15}+859157x^{14}-168337\times x^{13}-352563x^{12}+31661x^{11}+109387x^{10}-2086x^{9}-25200x^{8}-613x^{7}+4173x^{6}+189x^{5}-469x^{4}-22\times x^{3}+32x^{2}+x-1$

$\mathbf{d = 39; r_1 = 35}$;

Disc $= 9736986565541423227375579403250043223762395029039875616256503464959 81$

$R = 58.74000$

$P = T_{39}+4T_{38}+9T_{37}+14T_{36}+17T_{35}+14T_{34}+2T_{33}-18T_{32}-46T_{31}-82T_{30}-128T_{29}-186T_{28}-260\times T_{27}-353T_{26}-464T_{25}-585T_{24}-708T_{23}-831T_{22}-952T_{21}-1075T_{20}-1203T_{19}-1335T_{18}-1463\times T_{17}-1579T_{16}-1673T_{15}-1739T_{14}-1781T_{13}-1804T_{12}-1813T_{11}-1800T_{10}-1757T_{9}-1678T_{8}-1561\times T_{7}-1410T_{6}-1238T_{5}-1058T_{4}-870T_{3}-674T_{2}-464T_{1}-238$

$\mathbf{d = 39; r_1 = 37}$;

Disc $= -4835934735831651884019797495898752992186915034304903663448031499939 1803$

$R = 64.92659$

$P = T_{39}-T_{37}-2T_{36}+2T_{34}+T_{33}-T_{31}-2T_{30}+2T_{28}+3T_{27}-3T_{25}-3T_{24}+3T_{22}+4T_{21}-4T_{19}-5\times T_{18}+5T_{16}+3T_{15}-3T_{13}-4T_{12}+4T_{10}+6T_{9}-6T_{7}-4T_{6}+4T_{4}+4T_{3}-4T_{1}-5$

$\mathbf{d = 39; r_1 = 39}$;

Disc $= 1287743804278744050410620426954739687963064854495168753870500853746064161$

$R = 70.62687$

$P = T_{39}+T_{38}$

$\mathbf{d = 40; r_1 = 0}$;

Disc $= 232139752287223841447145061268685055410875229840 1$

$R = 16.18616$

$P = x^{40}+10x^{39}+55x^{38}+220x^{37}+713x^{36}+1976x^{35}+4834x^{34}+10657x^{33}+21479x^{32}+39992x^{31}+69328\times x^{30}+112573x^{29}+172025x^{28}+248312x^{27}+339578x^{26}+440999x^{25}+544874x^{24}+641411x^{23}+720145\times x^{22}+771730x^{21}+789697x^{20}+771730x^{19}+720145x^{18}+641411x^{17}+544874x^{16}+440999x^{15}+339578\times x^{14}+248312x^{13}+172025x^{12}+112573x^{11}+69328x^{10}+39992x^{9}+21479x^{8}+10657x^{7}+4834x^{6}+1976\times x^{5}+713x^{4}+220x^{3}+55x^{2}+10x+1$

$\mathbf{d = 40; r_1 = 2}$;

Disc $= -4913069302702678487340261166065481277956148112513 1$

$R = 17.46963$

$P = x^{40}+10x^{39}+51x^{38}+184x^{37}+528x^{36}+1276x^{35}+2683x^{34}+5008x^{33}+8401x^{32}+12756x^{31}+17576\times x^{30}+21926x^{29}+24536x^{28}+24082x^{27}+19597x^{26}+10890x^{25}-1183x^{24}-14734x^{23}-27206x^{22}-35995\times x^{21}-39163x^{20}-35995x^{19}-27206x^{18}-14734x^{17}-1183x^{16}+10890x^{15}+19597x^{14}+24082x^{13}+24536\times x^{12}+21926x^{11}+17576x^{10}+12756x^{9}+8401x^{8}+5008x^{7}+2683x^{6}+1276x^{5}+528x^{4}+184x^{3}+51x^{2}+10x+1$

$\mathbf{d = 40; r_1 = 4}$;

Disc $= 836517365769963809677845759554840247380610713383 81$

$R = 17.70361$

$P = x^{40}+9x^{39}+38x^{38}+96x^{37}+133x^{36}-36x^{35}-737x^{34}-2226x^{33}-4201x^{32}-5286x^{31}-3052\times x^{30}+4878x^{29}+18686x^{28}+34323x^{27}+43287x^{26}+35499x^{25}+4681x^{24}-46539x^{23}-105154x^{22}-151953\times x^{21}-169835x^{20}-151953x^{19}-105154x^{18}-46539x^{17}+4681x^{16}+35499x^{15}+43287x^{14}+34323x^{13}+18686\times x^{12}+4878x^{11}-3052x^{10}-5286x^{9}-4201x^{8}-2226x^{7}-737x^{6}-36x^{5}+133x^{4}+96x^{3}+38x^{2}+9x+1$

$\mathbf{d = 40; r_1 = 6}$;

Disc $= -1084578923400754090779312617378874108045046169607779$

$R = 18.87476$

$P = x^{40}+2x^{39}+6x^{38}+15x^{37}+24x^{36}+58x^{35}+76x^{34}+150x^{33}+193x^{32}+291x^{31}+386x^{30}+454\times x^{29}+608x^{28}+600x^{27}+758x^{26}+701x^{25}+764x^{24}+753x^{23}+671x^{22}+771x^{21}+615x^{20}+771x^{19}+671\times x^{18}+753x^{17}+764x^{16}+701x^{15}+758x^{14}+600x^{13}+608x^{12}+454x^{11}+386x^{10}+291x^{9}+193x^{8}+150\times x^{7}+76x^{6}+58x^{5}+24x^{4}+15x^{3}+6x^{2}+2x+1$

$\mathbf{d = 40; r_1 = 8}$;

Disc $= 1505721136738080480334381668761256617948841781513 8493$

$R = 20.15782$

$P = x^{40}+20x^{39}+223x^{38}+1767x^{37}+10983x^{36}+56391x^{35}+246881x^{34}+941290x^{33}+3172378x^{32}+9554468x^{31}+25926632x^{30}+63785368x^{29}+142963145x^{28}+292999374x^{27}+550652655x^{26}+950982450\times x^{25}+1511477133x^{24}+2213020836x^{23}+2986336275x^{22}+3714370572x^{21}+4256645413x^{20}+4491061066\times x^{19}+4357238150x^{18}+3881015367x^{17}+3166913736x^{16}+2361244998x^{15}+1603461284x^{14}+987842689\times x^{13}+549508742x^{12}+274434541x^{11}+122201739x^{10}+48109599x^{9}+16572937x^{8}+4931282x^{7}+1246676\times x^{6}+262063x^{5}+44479x^{4}+5843x^{3}+556x^{2}+34x+1$

$\mathbf{d = 40; r_1 = 10}$;

Disc $= -5033883870439206161058353094365991032688658584906896531$

$R = 23.31028$

$P = x^{40}+10x^{39}+32x^{38}-43x^{37}-767x^{36}-3333x^{35}-7766x^{34}-4517x^{33}+47003x^{32}+255784x^{31}+841407\times x^{30}+2147683x^{29}+4578159x^{28}+8417698x^{27}+13564073x^{26}+19282414x^{25}+24157064x^{24}+26381572\times x^{23}+24374684x^{22}+17501473x^{21}+6546109x^{20}-6358684x^{19}-18388085x^{18}-26999162x^{17}-30776821\times x^{16}-29777927x^{15}-25273880x^{14}-19093674x^{13}-12922049x^{12}-7849020x^{11}-4274020x^{10}-2078812\times x^{9}-897701x^{8}-341190x^{7}-112755x^{6}-31857x^{5}-7511x^{4}-1425x^{3}-205x^{2}-20x-1$

$\mathbf{d = 40; r_1 = 12}$;

Disc $= 1464227804724426895457034546225728260552103829052470 4609$

$R = 23.94089$

$P = x^{40}+13x^{39}+71x^{38}+187x^{37}+92x^{36}-945x^{35}-2954x^{34}-2622x^{33}+5562x^{32}+18567x^{31}+16269\times x^{30}-18280x^{29}-59193x^{28}-46266x^{27}+32914x^{26}+96632x^{25}+63251x^{24}-26168x^{23}-58612x^{22}-17596\times x^{21}+10x^{20}-45476x^{19}-65724x^{18}+2164x^{17}+82932x^{16}+81562x^{15}+21292x^{14}-17040x^{13}-17656\times x^{12}-17360x^{11}-26288x^{10}-24584x^{9}-7614x^{8}+8347x^{7}+12410x^{6}+8310x^{5}+3508x^{4}+988x^{3}+182x^{2}+20x+1$

$\mathbf{d = 40; r_1 = 14}$;

Disc $= -4400207472473492449200514482083952967952235591973239426 71$

$R = 26.06675$

$P = x^{40} + 20x^{39} + 194x^{38} + 1199x^{37} + 5214x^{36} + 16538x^{35} + 37727x^{34} + 54796x^{33} + 14637x^{32} - 172205 \times x^{31} - 545736x^{30} - 922490x^{29} - 791466x^{28} + 434799x^{27} + 2732412x^{26} + 4845888x^{25} + 4641356x^{24} + 756647 \times x^{23} - 5587546x^{22} - 10590158x^{21} - 10423161x^{20} - 4476995x^{19} + 3755806x^{18} + 9263912x^{17} + 9329151 \times x^{16} + 5169683x^{15} + 279632x^{14} - 2551110x^{13} - 2822407x^{12} - 1716256x^{11} - 573804x^{10} + 15480x^{9} + 139815 \times x^{8} + 84796x^{7} + 26018x^{6} + 2400x^{5} - 1507x^{4} - 760x^{3} - 170x^{2} - 20x - 1$

$\mathbf{d = 40; r_1 = 16}$;

Disc $= 4109111597911485916109499726893144661704781199580694603881$

$R = 27.56409$

$P = x^{40} + 2x^{39} - 23x^{38} - 52x^{37} + 220x^{36} + 567x^{35} - 1137x^{34} - 3447x^{33} + 3397x^{32} + 12973x^{31} - 5530 \times x^{30} - 31370x^{29} + 2653x^{28} + 47786x^{27} + 7405x^{26} - 39050x^{25} - 17232x^{24} - 1795x^{23} + 19225x^{22} + 42922 \times x^{21} - 17957x^{20} - 42922x^{19} + 19225x^{18} + 1795x^{17} - 17232x^{16} + 39050x^{15} + 7405x^{14} - 47786x^{13} + 2653 \times x^{12} + 31370x^{11} - 5530x^{10} - 12973x^{9} + 3397x^{8} + 3447x^{7} - 1137x^{6} - 567x^{5} + 220x^{4} + 52x^{3} - 23x^{2} - 2x + 1$

$\mathbf{d = 40; r_1 = 18}$;

Disc $= -3247731547871240930265459869535296174481019115170430060069 11$

$R = 30.74606$

$P = x^{40} + 8x^{39} + 2x^{38} - 147x^{37} - 399x^{36} + 403x^{35} + 3067x^{34} + 2364x^{33} - 8822x^{32} - 18014x^{31} + 3212 \times x^{30} + 47276x^{29} + 50693x^{28} - 38102x^{27} - 157433x^{26} - 105712x^{25} + 202532x^{24} + 378409x^{23} - 23463 \times x^{22} - 563308x^{21} - 343434x^{20} + 431090x^{19} + 608831x^{18} - 46028x^{17} - 536829x^{16} - 272318x^{15} + 216577 \times x^{14} + 299252x^{13} + 50777x^{12} - 127270x^{11} - 99914x^{10} - 5456x^{9} + 34254x^{8} + 21879x^{7} + 3060x^{6} - 3432 \times x^{5} - 2534x^{4} - 874x^{3} - 176x^{2} - 20x - 1$

$\mathbf{d = 40; r_1 = 20}$;

Disc $= 31522860842771926908509120790025105228072406035616855869349$

$R = 29.00452$

$P = x^{40} + 10x^{39} + 42x^{38} + 83x^{37} + 11x^{36} - 331x^{35} - 693x^{34} - 193x^{33} + 1455x^{32} + 2200x^{31} - 469x^{30} - 4112 \times x^{29} - 2277x^{28} + 4331x^{27} + 4917x^{26} - 3511x^{25} - 6632x^{24} + 2693x^{23} + 7648x^{22} - 2179x^{21} - 8007x^{20} + 2179 \times x^{19} + 7648x^{18} - 2693x^{17} - 6632x^{16} + 3511x^{15} + 4917x^{14} - 4331x^{13} - 2277x^{12} + 4112x^{11} - 469x^{10} - 2200 \times x^{9} + 1455x^{8} + 193x^{7} - 693x^{6} + 331x^{5} + 11x^{4} - 83x^{3} + 42x^{2} - 10x + 1$

$\mathbf{d = 40; r_1 = 22}$;

Disc $= -50062155323844492135649152670263411192427799079252150697590784$

$R = 34.87287$

$P = x^{40} + 8x^{39} - 4x^{38} - 208x^{37} - 502x^{36} + 1344x^{35} + 7444x^{34} + 4312x^{33} - 35352x^{32} - 74444x^{31} + 32594 \times x^{30} + 287788x^{29} + 261680x^{28} - 397954x^{27} - 994707x^{26} - 299706x^{25} + 1353015x^{24} + 1764226x^{23} - 154737 \times x^{22} - 2293186x^{21} - 1852916x^{20} + 759786x^{19} + 2348913x^{18} + 1183414x^{17} - 943048x^{16} - 1492310x^{15} - 397805 \times x^{14} + 592330x^{13} + 553861x^{12} + 50800x^{11} - 189020x^{10} - 114760x^{9} - 908x^{8} + 28560x^{7} + 13260x^{6} + 780 \times x^{5} - 1597x^{4} - 760x^{3} - 170x^{2} - 20x - 1$

$\mathbf{d = 40; r_1 = 24}$;

Disc $= 6665189243356133450698765171940397569377583330465910009734321$

$R = 33.15853$

$P = x^{40} + 11x^{39} + 3x^{38} - 215x^{37} - 599x^{36} + 480x^{35} + 5131x^{34} + 8252x^{33} - 6418x^{32} - 43432x^{31} - 58198 \times x^{30} + 22132x^{29} + 183775x^{28} + 247054x^{27} + 13760x^{26} - 429852x^{25} - 647502x^{24} - 262225x^{23} + 535345 \times x^{22} + 1037588x^{21} + 707590x^{20} - 225892x^{19} - 964418x^{18} - 924472x^{17} - 251936x^{16} + 424376x^{15} + 629396 \times x^{14} + 382996x^{13} + 19734x^{12} - 183308x^{11} - 183076x^{10} - 88992x^{9} - 8554x^{8} + 22984x^{7} + 21629x^{6} + 11430 \times x^{5} + 4150x^{4} + 1064x^{3} + 186x^{2} + 20x + 1$

$\mathbf{d = 40; r_1 = 26}$;

Disc $= -3408017310261646567148005536728112554158567553512045956025010911$

$R = 38.75364$

$P = x^{40} + 12x^{39} + 44x^{38} - 47x^{37} - 769x^{36} - 1834x^{35} + 1631x^{34} + 16604x^{33} + 25195x^{32} - 34918x^{31} - 166186 \times x^{30} - 128520x^{29} + 348801x^{28} + 810198x^{27} + 108508x^{26} - 1639356x^{25} - 1879765x^{24} + 1025989x^{23} + 3765567 \times x^{22} + 1692056x^{21} - 3266842x^{20} - 4161056x^{19} + 361582x^{18} + 3791656x^{17} + 1961608x^{16} - 1468100x^{15} - 1943732x^{14} - 198244x^{13} + 804982x^{12} + 446972x^{11} - 88564x^{10} - 174032x^{9} - 47716x^{8} + 20162x^{7} + 16819 \times x^{6} + 3162x^{5} - 996x^{4} - 684x^{3} - 166x^{2} - 20x - 1$

$\mathbf{d = 40; r_1 = 28}$;

Disc $= 3054530675251041234242597876996053894443776171323629753071986 2784$

$R = 40.93772$

$P = T_{40} + 2T_{36} + T_{34} + 2T_{32} + 2T_{30} + 3T_{28} + 3T_{26} + 3T_{24} + 5T_{22} + 3T_{20} + 6T_{18} + 3T_{16} + 6T_{14} + 3T_{12} + 5 \times T_{10} + 3T_{8} + 2T_{6} + 4T_{4} - T_{2} + 3$

$\mathbf{d = 40; r_1 = 30}$;

Disc $= -1463614329589090928477271378176353006596372702272485060704714358784$

$R = 45.09576$

$P = x^{40} + 6x^{39} - 31x^{38} - 226x^{37} + 392x^{36} + 3766x^{35} - 2747x^{34} - 37198x^{33} + 14582x^{32} + 243378 \times x^{31} - 90139x^{30} - 1097622x^{29} + 569523x^{28} + 3416588x^{27} - 2588574x^{26} - 7194860x^{25} + 7752225x^{24} + 9661378 \times x^{23} - 15349249x^{22} - 6584918x^{21} + 20067132x^{20} - 1689452x^{19} - 16626444x^{18} + 8287312x^{17} + 7407879 \times x^{16} - 7980584x^{15} - 205696x^{14} + 3581912x^{13} - 1547254x^{12} - 471800x^{11} + 667160x^{10} - 200560x^{9} - 48427 \times x^{8} + 61710x^{7} - 22035x^{6} + 1950x^{5} + 1532x^{4} - 760x^{3} + 170x^{2} - 20x + 1$

$\mathbf{d = 40; r_1 = 32}$;

Disc $= 417729494703781585158424505835587793763975587393815905323387094522 9$

$R = 46.29375$

$P = x^{40} + 13x^{39} - 80x^{38} - 1383x^{37} - 3656x^{36} + 12081x^{35} + 66671x^{34} + 8234x^{33} - 445548x^{32} - 573763 \times x^{31} + 1491574x^{30} + 3551143x^{29} - 2213680x^{28} - 11555353x^{27} - 1715041x^{26} + 23259874x^{25} + 15102224 \times x^{24} - 29482586x^{23} - 34134946x^{22} + 20839756x^{21} + 44558639x^{20} - 1622330x^{19} - 36764392x^{18} - 12560564 \times x^{17} + 18378503x^{16} + 13418824x^{15} - 4108166x^{14} - 7009806x^{13} - 864406x^{12} + 1919326x^{11} + 854066 \times x^{10} - 174996x^{9} - 221920x^{8} - 37689x^{7} + 19422x^{6} + 9675x^{5} + 889x^{4} - 437x^{3} - 153x^{2} - 20x - 1$

$\mathbf{d = 40; r_1 = 34}$;

Disc $= -140561546396097355792535158493625804620907617881633989822822330044 1963$

$R = 53.54226$

$P = T_{40} - T_{36} + T_{34} + T_{32} - T_{30} - T_{28} - T_{27} + 2T_{25} + T_{23} - 2T_{22} - 2T_{21} + T_{19} + T_{18} + T_{17} - T_{16} - T_{15} + T_{12} + T_{10} - T_{9} - T_{7} + 3T_{4} - 2T_{1} - 2$

$\mathbf{d = 40; r_1 = 36}$;

Disc $= 135514926863827928153687874562341746687443170431243607630758334064 2304$

$R = 53.49334$

$P = T_{40} - T_{30} - 2T_{28} - T_{26} - T_{24} - 2T_{22} - 2T_{20} - T_{18} - T_{14} - T_{12} + T_{10} + T_{8} + T_{2} + 1$

$\mathbf{d = 40; r_1 = 38}$;

Disc $= -223462159986243736257386728236417366673731434990606371442786737483119 91$

$R = 57.37598$

$P = x^{40} + 20x^{39} + 160x^{38} + 570x^{37} + 118x^{36} - 6312x^{35} - 19047x^{34} + 3366x^{33} + 128221x^{32} + 203976x^{31} - 280712x^{30} - 1188056x^{29} - 467194x^{28} + 3075800x^{27} + 4326244x^{26} - 3240584x^{25} - 11857883x^{24} - 3419276 \times x^{23} + 17472926x^{22} + 17420034x^{21} - 12801359x^{20} - 29327706x^{19} - 1593815x^{18} + 28643395x^{17} + 14005981 \times x^{16} - 17036744x^{15} - 15536238x^{14} + 5344482x^{13} + 9399995x^{12} + 3502x^{11} - 3422387x^{10} - 704446x^{9} + 709505 \times x^{8} + 268418x^{7} - 63071x^{6} - 42763x^{5} - 1949x^{4} + 2284x^{3} + 503x^{2} + 39x + 1$

$\mathbf{d = 40; r_1 = 40}$;

Disc $= 1003833974479789185304598912146936262694651463637128472328186035156 25$

$R = 50.12352$

$P = T_{40} + T_{39} - T_{37} - T_{36} - T_{35} - T_{34} + T_{32} + T_{31} - T_{29} - T_{28} + T_{26} + 2T_{25} + 2T_{24} + T_{23} - T_{22} - 2 \times T_{21} - 2T_{20} - T_{19} + T_{17} + T_{16} - T_{14} - T_{13} + T_{11} + 2T_{10} + 2T_{9} + T_{8} - T_{6} - 2T_{5} - 2T_{4} - T_{3}$

$\mathbf{d = 41; r_1 = 1}$;

Disc $= 474348682032907445908690891081130081577586115979328501$

$R = 20.37854$

$P = x^{41} + 5x^{40} + 15x^{39} + 37x^{38} + 79x^{37} + 152x^{36} + 271x^{35} + 451x^{34} + 709x^{33} + 1061x^{32} + 1516x^{31} + 2079 \times x^{30} + 2744x^{29} + 3493x^{28} + 4299x^{27} + 5121x^{26} + 5912x^{25} + 6622x^{24} + 7200x^{23} + 7605x^{22} + 7805x^{21} + 7785 \times x^{20} + 7546x^{19} + 7108x^{18} + 6504x^{17} + 5779x^{16} + 4982x^{15} + 4164x^{14} + 3370x^{13} + 2637x^{12} + 1992x^{11} + 1449 \times x^{10} + 1012x^9 + 676x^8 + 430x^7 + 259x^6 + 146x^5 + 76x^4 + 36x^3 + 15x^2 + 5x + 1$

$\mathbf{d = 41; r_1 = 3}$;

Disc $= -748780355129694133445144378148462441519434159985002069 63$

$R = 23.05627$

$P = x^{41} + 15x^{40} + 124x^{39} + 727x^{38} + 3350x^{37} + 12819x^{36} + 42165x^{35} + 122052x^{34} + 316184x^{33} + 742112 \times x^{32} + 1592212x^{31} + 3142198x^{30} + 5726496x^{29} + 9656781x^{28} + 15070739x^{27} + 21729735x^{26} + 28833257 \times x^{25} + 34963023x^{24} + 38273032x^{23} + 36970266x^{22} + 29987200x^{21} + 17592379x^{20} + 1620873x^{19} - 14886836 \times x^{18} - 28584530x^{17} - 36914110x^{16} - 38912015x^{15} - 35370255x^{14} - 28320951x^{13} - 20147075x^{12} - 12762428 \times x^{11} - 7187483x^{10} - 3582506x^9 - 1569103x^8 - 597843x^7 - 195432x^6 - 53777x^5 - 12123x^4 - 2150x^3 - 281 \times x^2 - 24x - 1$

$\mathbf{d = 41; r_1 = 5}$;

Disc $= 2034999102681305222451496482982544603947929890301820106833$

$R = 24.99021$

$P = x^{41} + 8x^{40} + 17x^{39} - 28x^{38} - 148x^{37} - 21x^{36} + 612x^{35} + 482x^{34} - 1704x^{33} - 2089x^{32} + 3616x^{31} + 5785 \times x^{30} - 6271x^{29} - 12103x^{28} + 9371x^{27} + 20424x^{26} - 12614x^{25} - 28715x^{24} + 15787x^{23} + 34167x^{22} - 18560 \times x^{21} - 34549x^{20} + 20241x^{19} + 29499x^{18} - 19945x^{17} - 20850x^{16} + 17230x^{15} + 11671x^{14} - 12650x^{13} - 4628 \times x^{12} + 7613x^{11} + 777x^{10} - 3566x^9 + 475x^8 + 1184x^7 - 445x^6 - 218x^5 + 167x^4 - 4x^3 - 26x^2 + 9x - 1$

$\mathbf{d = 41; r_1 = 7}$;

Disc $= -16348884114584332898211224686645896977754889401214622729 9$

$R = 23.49961$

$P = T_{41} + 8T_{39} + T_{38} + 35T_{37} + 7T_{36} + 113T_{35} + 27T_{34} + 299T_{33} + 78T_{32} + 683T_{31} + 187T_{30} + 1391 \times T_{29} + 390T_{28} + 2576T_{27} + 729T_{26} + 4393T_{25} + 1244T_{24} + 6961T_{23} + 1960T_{22} + 10314T_{21} + 2874T_{20} + 14351 \times T_{19} + 3943T_{18} + 18801T_{17} + 5077T_{16} + 23216T_{15} + 6143T_{14} + 27005T_{13} + 6979T_{12} + 29512T_{11} + 7418 \times T_{10} + 30126T_9 + 7320T_8 + 28404T_7 + 6603T_6 + 24181T_5 + 5266T_4 + 17638T_3 + 3399T_2 + 9306T_1 + 1176$

$\mathbf{d = 41; r_1 = 9}$;

Disc $= 4636038895731851255282645652539434307145344484102587773 4137$

$R = 26.97004$

$P = x^{41} + 16x^{39} + 16x^{38} - 116x^{37} - 304x^{36} + 82x^{35} + 2844x^{34} + 1790x^{33} - 24374x^{32} - 88x^{31} + 148041 \times x^{30} - 87315x^{29} - 566306x^{28} + 566236x^{27} + 1374393x^{26} - 1899201x^{25} - 2101400x^{24} + 4040823x^{23} + 1805469 \times x^{22} - 5833115x^{21} - 223508x^{20} + 5837306x^{19} - 1539556x^{18} - 4001090x^{17} + 2175949x^{16} + 1753672x^{15} - 1618564x^{14} - 362662x^{13} + 750322x^{12} - 71316x^{11} - 213228x^{10} + 74650x^9 + 30378x^8 - 22640x^7 + 576 \times x^6 + 3064x^5 - 828x^4 - 81x^3 + 79x^2 - 15x + 1$

$\mathbf{d = 41; r_1 = 11}$;

Disc $= -10890089553498955763554063886600097563618115340382799006170 83$

$R = 29.12848$

$P = x^{41} + 144x^{38} - 432x^{37} - 2976x^{36} + 8640x^{35} + 28036x^{34} - 75852x^{33} - 161540x^{32} + 390580x^{31} + 638024 \times x^{30} - 1327552x^{29} - 1825700x^{28} + 3174856x^{27} + 3901413x^{26} - 5556647x^{25} - 6342825x^{24} + 7303789 \times x^{23} + 7943780x^{22} - 7335454x^{21} - 7729916x^{20} + 5691467x^{19} + 5875460x^{18} - 3431256x^{17} - 3495691 \times x^{16} + 1608742x^{15} + 1625392x^{14} - 583978x^{13} - 587054x^{12} + 162353x^{11} + 162737x^{10} - 33894x^9 - 33923 \times x^8 + 5139x^7 + 5140x^6 - 534x^5 - 534x^4 + 34x^3 + 34x^2 - x - 1$

$\mathbf{d = 41; r_1 = 13}$;

Disc $= 2101634285766593174699290787885703835235177482086411844733701$

$R = 29.59933$

$P = T_{41} + 5T_{39} + 15T_{37} + 35T_{35} + 70T_{33} + 126T_{31} + 209T_{29} + T_{28} + 322T_{27} + 3T_{26} + 467T_{25} + 6T_{24} + 641 \times T_{23} + 10T_{22} + 836T_{21} + 15T_{20} + 1039T_{19} + 21T_{18} + 1232T_{17} + 28T_{16} + 1394T_{15} + 34T_{14} + 1503T_{13} + 39 \times T_{12} + 1539T_{11} + 41T_{10} + 1489T_9 + 40T_8 + 1344T_7 + 36T_6 + 1106T_5 + 29T_4 + 788T_3 + 18T_2 + 410T_1 + 6$

$\mathbf{d = 41; r_1 = 15}$;

Disc $= -7101920529027342952198730889952658858183385363619147408360675$

$R = 30.49158$

$P = x^{41} + 2x^{40} - 29x^{39} + 14x^{38} + 296x^{37} - 636x^{36} - 1122x^{35} + 5859x^{34} - 3108x^{33} - 21982x^{32} + 42301 \times x^{31} + 19814x^{30} - 151200x^{29} + 125187x^{28} + 218427x^{27} - 501985x^{26} + 97627x^{25} + 777185x^{24} - 893859 \times x^{23} - 297459x^{22} + 1429176x^{21} - 856921x^{20} - 848167x^{19} + 1508258x^{18} - 378418x^{17} - 948743x^{16} + 938023 \times x^{15} + 119x^{14} - 557131x^{13} + 343445x^{12} + 59418x^{11} - 176852x^{10} + 75198x^{9} + 16323x^{8} - 28797x^{7} + 10450 \times x^{6} + 547x^{5} - 1905x^{4} + 798x^{3} - 172x^{2} + 20x - 1$

$\mathbf{d = 41; r_1 = 17}$;

Disc = 7818827565303769024158532111007390741959850743062085262849741

$R = 30.56318$

$P = x^{41} + x^{40} - 109x^{39} + x^{38} + 3706x^{37} + 111x^{36} - 55136x^{35} - 3484x^{34} + 437335x^{33} + 48168x^{32} - 2112978 \times x^{31} - 340999x^{30} + 6779275x^{29} + 1430980x^{28} - 15280910x^{27} - 3917315x^{26} + 25139091x^{25} + 7446280 \times x^{24} - 30989398x^{23} - 10246531x^{22} + 29144243x^{21} + 10496336x^{20} - 21154313x^{19} - 8151571x^{18} + 11924143 \times x^{17} + 4851171x^{16} - 5225088x^{15} - 2221801x^{14} + 1772143x^{13} + 781486x^{12} - 460165x^{11} - 209171x^{10} + 89693 \times x^{9} + 41823x^{8} - 12691x^{7} - 6047x^{6} + 1230x^{5} + 597x^{4} - 73x^{3} - 36x^{2} + 2x + 1$

$\mathbf{d = 41; r_1 = 19}$;

Disc = −1412713192390125950373460208205344704646331153874097535763557 71

$R = 32.79858$

$P = x^{41} + 2x^{40} - 41x^{39} - 5x^{38} + 912x^{37} - 436x^{36} - 9774x^{35} + 10475x^{34} + 67242x^{33} - 85766x^{32} - 322387 \times x^{31} + 369673x^{30} + 1107645x^{29} - 978645x^{28} - 2783524x^{27} + 1689630x^{26} + 5213326x^{25} - 1881877x^{24} - 7388618x^{23} + 1128069x^{22} + 8002483x^{21} + 189194x^{20} - 6645470x^{19} - 1180417x^{18} + 4210489x^{17} + 1351162 \times x^{16} - 2001819x^{15} - 940237x^{14} + 687668x^{13} + 451085x^{12} - 155688x^{11} - 152643x^{10} + 16301x^{9} + 35705 \times x^{8} + 2179x^{7} - 5404x^{6} - 1075x^{5} + 445x^{4} + 159x^{3} - 8x^{2} - 9x - 1$

$\mathbf{d = 41; r_1 = 21}$;

Disc = 1009731980289531136133275581243129266385422750248156767112969 0993

$R = 36.39806$

$P = x^{41} - 42x^{39} - 21x^{38} + 644x^{37} + 358x^{36} - 6048x^{35} - 5172x^{34} + 38132x^{33} + 45173x^{32} - 170522 \times x^{31} - 249051x^{30} + 563105x^{29} + 919385x^{28} - 1401082x^{27} - 2373872x^{26} + 2646436x^{25} + 4433154x^{24} - 3810136 \times x^{23} - 6142868x^{22} + 4199342x^{21} + 6435682x^{20} - 3558626x^{19} - 5163730x^{18} + 2325562x^{17} + 3196780 \times x^{16} - 1172050x^{15} - 1530378x^{14} + 453625x^{13} + 564608x^{12} - 133454x^{11} - 158921x^{10} + 29284x^{9} + 33482 \times x^{8} - 4639x^{7} - 5109x^{6} + 501x^{5} + 533x^{4} - 33x^{3} - 34x^{2} + x + 1$

$\mathbf{d = 41; r_1 = 23}$;

Disc = −6951129837918911259383582779624499194211239813694866713499247 4763

$R = 38.15167$

$P = T_{41} + 4T_{39} + 10T_{37} + 21T_{35} + 39T_{33} + 65T_{31} + 100T_{29} + 145T_{27} + 199T_{25} + 260T_{23} + 325T_{21} + 389 \times T_{19} + 446T_{17} + T_{16} + 490T_{15} + 515T_{13} + 516T_{11} + 490T_{9} + 436T_{7} + 355T_{5} + 251T_{3} + 130T_{1}$

$\mathbf{d = 41; r_1 = 25}$;

Disc = 7422368771795565431456297653994059944723394129223572864239992 69897

$R = 40.42021$

$P = T_{41} + 4T_{40} + 11T_{39} + 24T_{38} + 46T_{37} + 80T_{36} + 130T_{35} + 198T_{34} + 287T_{33} + 398T_{32} + 533T_{31} + 692 \times T_{30} + 876T_{29} + 1084T_{28} + 1317T_{27} + 1574T_{26} + 1854T_{25} + 2154T_{24} + 2471T_{23} + 2800T_{22} + 3136T_{21} + 3471 \times T_{20} + 3793T_{19} + 4092T_{18} + 4358T_{17} + 4588T_{16} + 4779T_{15} + 4928T_{14} + 5028T_{13} + 5072T_{12} + 5053T_{11} + 4965 \times T_{10} + 4807T_{9} + 4577T_{8} + 4278T_{7} + 3911T_{6} + 3480T_{5} + 2987T_{4} + 2443T_{3} + 1857T_{2} + 1247T_{1} + 625$

$\mathbf{d = 41; r_1 = 27}$;

Disc = −1273500766753829954374375425711174158437193613348195447039707502443

$R = 40.95595$

$P = T_{41} - T_{39} + 2T_{38} - 3T_{36} + 3T_{35} + T_{34} - 3T_{33} + 4T_{32} + T_{31} - 4T_{30} + 4T_{29} - 5T_{27} + 5T_{26} + T_{25} - 5 \times T_{24} + 6T_{23} - 6T_{21} + 5T_{20} - T_{19} - 5T_{18} + 5T_{17} - T_{16} - 2T_{15} + 4T_{14} - 3T_{13} + 4T_{11} - 4T_{10} + 3T_{9} + 3T_{8} - 6 \times T_{7} + 4T_{6} + T_{5} - 7T_{4} + 7T_{3} + 2T_{2} - 6T_{1} + 8$

$\mathbf{d = 41; r_1 = 29}$;

Disc = 6549790257533289915794106460124568616391890447860981726938286666781

$R = 42.62497$

$P = T_{41} + 2T_{40} + 2T_{39} + 2T_{38} + 2T_{37} + 2T_{36} + 2T_{35} + 2T_{34} + 2T_{33} + 3T_{32} + 4T_{31} + 2T_{30} - 2T_{27} - 4T_{26} - 4 \times T_{25} - 6T_{24} - 5T_{23} - 3T_{22} - 6T_{21} - 6T_{20} - 5T_{19} - 8T_{18} - 8T_{17} - 7T_{16} - 8T_{15} - 3T_{14} + 2T_{13} + 2T_{12} + 6 \times T_{11} + 8T_{10} + 6T_{9} + 7T_{8} + 6T_{7} + 4T_{6} + 8T_{5} + 10T_{4} + 8T_{3} + 9T_{2} + 8T_{1} + 4$

$\mathbf{d = 41; r_1 = 31}$;

Disc = −5461288003871972824206041494974901850528587351325165221499491402153 63

$R = 47.48095$

$P = T_{41} - T_{39} - T_{37} - T_{36} + 2T_{35} + 2T_{32} - T_{31} - T_{30} + T_{29} - 2T_{28} - T_{27} + T_{26} + T_{24} + 2T_{23} - T_{21} - T_{20} - T_{19} - T_{18} + T_{17} + T_{16} + T_{14} - T_{12} + T_{11} - T_{10} - T_9 + T_8 - T_7 + 2T_5 - T_4 + T_2 - T_1$

$\mathbf{d = 41; r_1 = 33}$;

Disc $= 1489207992982363255224146841306110523800125549483876137464191748696547 7$

$R = 51.46779$

$P = x^{41} - 93x^{39} + 45x^{38} + 2644x^{37} - 2016x^{36} - 36067x^{35} + 32569x^{34} + 285221x^{33} - 275189x^{32} - 1439744 \times x^{31} + 1423233x^{30} + 4898563x^{29} - 4881806x^{28} - 11645491x^{27} + 11634542x^{26} + 19894933x^{25} - 19890241 \times x^{24} - 25003092x^{23} + 25001781x^{22} + 23555060x^{21} - 23554830x^{20} - 16867233x^{19} + 16867210x^{18} + 9261644 \times x^{17} - 9261643x^{16} - 3913260x^{15} + 3913260x^{14} + 1269446x^{13} - 1269446x^{12} - 313289x^{11} + 313289x^{10} + 57752 \times x^9 - 57752x^8 - 7699x^7 + 7699x^6 + 701x^5 - 701x^4 - 39x^3 + 39x^2 + x - 1$

$\mathbf{d = 41; r_1 = 35}$;

Disc $= -7089425465811467931406943816433037622803305043481288634875875112627583 11$

$R = 56.55278$

$P = T_{41} - T_{37} - T_{34} - T_{33} + T_{29} + T_{26} + T_{25} - T_{21} - T_{18} - T_{17} + T_{13} + T_{12} + T_{11} + T_{10} + T_9 - T_5 - T_4 - T_3 - T_2 - T_1$

$\mathbf{d = 41; r_1 = 37}$;

Disc $= 5269143120379796666341762265624895453579773025715424727807739061160991090 49$

$R = 66.44793$

$P = T_{41} + T_{40} + T_{36} - 2T_{34} - 2T_{33} - T_{32} - T_{30} - T_{29} + 2T_{27} + 3T_{26} + T_{25} + T_{24} - 2T_{20} - 2T_{19} - T_{18} + T_{17} + T_{16} + T_{13} + 2T_{12} - T_{11} - 2T_{10} - T_9 + T_7 - T_6 - T_5 + T_4 + 2T_3 + 2T_2 - 1$

$\mathbf{d = 41; r_1 = 39}$;

Disc $= -1055495483596386591393653061861370383277903356005518701544018163603403329471551$

$R = 79.98548$

$P = T_{41} - 2T_{39} - T_{38} + 2T_{37} + T_{36} - T_{35} - T_{34} + T_{33} - T_{31} + 2T_{29} + T_{28} - 2T_{27} - 2T_{26} + T_{25} + 2 \times T_{24} - T_{23} - T_{22} + T_{21} + T_{20} - 2T_{19} - T_{18} + 2T_{17} + 2T_{16} - 2T_{15} - 2T_{14} + T_{13} + 3T_{12} - T_{11} - 3T_{10} + 3 \times T_8 - 2T_6 + 2T_4 - T_3 - 2T_2 + T_1 + 3$

$\mathbf{d = 41; r_1 = 41}$;

Disc $= 4139166410127368377449494191940344304470688835687142707276100777440978911 0761$

$R = 73.91034$

$P = T_{41} + T_{40} - 3T_{39} - 4T_{38} + 3T_{37} + 7T_{36} - T_{35} - 8T_{34} - T_{33} + 7T_{32} + 2T_{31} - 5T_{30} - T_{29} + 5T_{28} - 7 \times T_{26} - T_{25} + 8T_{24} + 3T_{23} - 7T_{22} - 4T_{21} + 5T_{20} + 3T_{19} - 3T_{18} + 3T_{16} - 3T_{15} - 6T_{14} + 3T_{13} + 9T_{12} - 9 \times T_{10} - 3T_9 + 6T_8 + 3T_7 - 3T_6 + 3T_4 - 3T_3 - 6T_2 + 3T_1 + 9$

$\mathbf{d = 42; r_1 = 0}$;

Disc $= -2032978540501244374780574032199557345218987793269623$

$R = 16.65798$

$P = x^{42} + 4x^{41} + 10x^{40} + 20x^{39} + 35x^{38} + 57x^{37} + 89x^{36} + 133x^{35} + 189x^{34} + 258x^{33} + 340x^{32} + 435 \times x^{31} + 542x^{30} + 657x^{29} + 775x^{28} + 892x^{27} + 1004x^{26} + 1106x^{25} + 1192x^{24} + 1256x^{23} + 1295x^{22} + 1307 \times x^{21} + 1295x^{20} + 1256x^{19} + 1192x^{18} + 1106x^{17} + 1004x^{16} + 892x^{15} + 775x^{14} + 657x^{13} + 542x^{12} + 435 \times x^{11} + 340x^{10} + 258x^{9} + 189x^{8} + 133x^{7} + 89x^{6} + 57x^{5} + 35x^{4} + 20x^{3} + 10x^{2} + 4x + 1$

$\mathbf{d = 42; r_1 = 2}$;

Disc $= 6695442563606106260656327566820746717882326332219332 1$

$R = 18.10325$

$P = x^{42} + 4x^{41} + 11x^{40} + 25x^{39} + 50x^{38} + 92x^{37} + 157x^{36} + 252x^{35} + 384x^{34} + 559x^{33} + 781x^{32} + 1051 \times x^{31} + 1366x^{30} + 1719x^{29} + 2098x^{28} + 2487x^{27} + 2867x^{26} + 3217x^{25} + 3516x^{24} + 3745x^{23} + 3889x^{22} + 3939 \times x^{21} + 3889x^{20} + 3745x^{19} + 3516x^{18} + 3217x^{17} + 2867x^{16} + 2487x^{15} + 2098x^{14} + 1719x^{13} + 1366x^{12} + 1051 \times x^{11} + 781x^{10} + 559x^{9} + 384x^{8} + 252x^{7} + 157x^{6} + 92x^{5} + 50x^{4} + 25x^{3} + 11x^{2} + 4x + 1$

$\mathbf{d = 42; r_1 = 4}$;

Disc $= -1884102252869060797868200500242400861017190668703489 59$

$R = 18.55474$

$P = x^{42} + 5x^{41} + 17x^{40} + 46x^{39} + 106x^{38} + 219x^{37} + 413x^{36} + 724x^{35} + 1192x^{34} + 1857x^{33} + 2754x^{32} + 3906 \times x^{31} + 5316x^{30} + 6963x^{29} + 8797x^{28} + 10739x^{27} + 12686x^{26} + 14518x^{25} + 16110x^{24} + 17345x^{23} + 18128 \times x^{22} + 18395x^{21} + 18128x^{20} + 17345x^{19} + 16110x^{18} + 14518x^{17} + 12686x^{16} + 10739x^{15} + 8797x^{14} + 6963 \times x^{13} + 5316x^{12} + 3906x^{11} + 2754x^{10} + 1857x^{9} + 1192x^{8} + 724x^{7} + 413x^{6} + 219x^{5} + 106x^{4} + 46x^{3} + 17x^{2} + 5x + 1$

$\mathbf{d = 42; r_1 = 6}$;

Disc $= 4171418263603157748718509042488521667683751650448835661$

$R = 19.97482$

$P = x^{42} + 10x^{41} + 36x^{40} + 36x^{39} - 104x^{38} - 286x^{37} + x^{36} + 708x^{35} + 445x^{34} - 1016x^{33} - 961x^{32} + 1103 \times x^{31} + 1020x^{30} - 1249x^{29} - 495x^{28} + 1619x^{27} - 236x^{26} - 1944x^{25} + 790x^{24} + 1993x^{23} - 1056x^{22} - 1947 \times x^{21} + 1056x^{20} + 1993x^{19} - 790x^{18} - 1944x^{17} + 236x^{16} + 1619x^{15} + 495x^{14} - 1249x^{13} - 1020x^{12} + 1103 \times x^{11} + 961x^{10} - 1016x^{9} - 445x^{8} + 708x^{7} - x^{6} - 286x^{5} + 104x^{4} + 36x^{3} - 36x^{2} + 10x - 1$

$\mathbf{d = 42; r_1 = 8}$;

Disc $= -8093939308583616211194631985347897028262457640017395 80371$

$R = 22.64416$

$P = x^{42} + 21x^{41} + 215x^{40} + 1430x^{39} + 6921x^{38} + 25783x^{37} + 75963x^{36} + 177858x^{35} + 322670x^{34} + 408306 \times x^{33} + 177889x^{32} - 739076x^{31} - 2566496x^{30} - 4918240x^{29} - 6430270x^{28} - 5004654x^{27} + 1015309x^{26} + 11150287x^{25} + 21793940x^{24} + 27193240x^{23} + 22484486x^{22} + 7114126x^{21} - 13852236x^{20} - 31896715 \times x^{19} - 39587807x^{18} - 34548908x^{17} - 20292257x^{16} - 3652040x^{15} + 9145144x^{14} + 15191298x^{13} + 15148906 \times x^{12} + 11652486x^{11} + 7379663x^{10} + 3940564x^{9} + 1787999x^{8} + 688737x^{7} + 223540x^{6} + 60274x^{5} + 13199 \times x^{4} + 2265x^{3} + 287x^{2} + 24x + 1$

$\mathbf{d = 42; r_1 = 10}$;

Disc $= 5868507910572736092731964886279741201261614835154644027993$

$R = 23.73784$

$P = x^{42} + 22x^{41} + 224x^{40} + 1398x^{39} + 5884x^{38} + 16731x^{37} + 26215x^{36} - 24598x^{35} - 332633x^{34} - 1348627 \times x^{33} - 3826373x^{32} - 8631629x^{31} - 16165823x^{30} - 25492645x^{29} - 33640343x^{28} - 35810808x^{27} - 26997635 \times x^{26} - 4692800x^{25} + 28640382x^{24} + 65045792x^{23} + 93450395x^{22} + 104194917x^{21} + 93450395x^{20} + 65045792 \times x^{19} + 28640382x^{18} - 4692800x^{17} - 26997635x^{16} - 35810808x^{15} - 33640343x^{14} - 25492645x^{13} - 16165823 \times x^{12} - 8631629x^{11} - 3826373x^{10} - 1348627x^{9} - 332633x^{8} - 24598x^{7} + 26215x^{6} + 16731x^{5} + 5884x^{4} + 1398 \times x^{3} + 224x^{2} + 22x + 1$

$\mathbf{d = 42; r_1 = 12}$;

Disc $= -3937514252863095478329201430748908853103916646567472196 0639$

$R = 24.83844$

$P = x^{42} - 7x^{40} - 14x^{39} + 14x^{38} + 91x^{37} + 103x^{36} - 168x^{35} - 634x^{34} - 496x^{33} + 1042x^{32} + 2882x^{31} + 1663 \times x^{30} - 4142x^{29} - 9117x^{28} - 3998x^{27} + 11300x^{26} + 20633x^{25} + 7051x^{24} - 21732x^{23} - 33772x^{22} - 9248 \times x^{21} + 29659x^{20} + 39860x^{19} + 9026x^{18} - 28471x^{17} - 33347x^{16} - 6432x^{15} + 18746x^{14} + 19119x^{13} + 3216 \times x^{12} - 8085x^{11} - 7114x^{10} - 1072x^{9} + 2108x^{8} + 1578x^{7} + 225x^{6} - 286x^{5} - 179x^{4} - 26x^{3} + 14x^{2} + 7x + 1$

$\mathbf{d = 42; r_1 = 14}$;

Disc $= 3552358370675259257955716056545338814824648189534546083402 81$

$R = 26.17396$

$P = x^{42} + 15x^{41} + 93x^{40} + 280x^{39} + 225x^{38} - 1277x^{37} - 4736x^{36} - 5328x^{35} + 7166x^{34} + 32194x^{33} + 38692 \times x^{32} - 15403x^{31} - 115531x^{30} - 155415x^{29} - 24076x^{28} + 237032x^{27} + 395400x^{26} + 218390x^{25} - 253542 \times x^{24} - 651020x^{23} - 569346x^{22} + 20585x^{21} + 667690x^{20} + 816680x^{19} + 332395x^{18} - 364417x^{17} - 700084 \times x^{16} - 473144x^{15} + 21681x^{14} + 343240x^{13} + 315812x^{12} + 96816x^{11} - 73883x^{10} - 104465x^{9} - 54005x^{8} - 5493 \times x^{7} + 11763x^{6} + 9614x^{5} + 4120x^{4} + 1130x^{3} + 200x^{2} + 21x + 1$

$\mathbf{d = 42; r_1 = 16}$;

Disc $= -42557087351502942966920331119769382768532157827597992463858551$

$R = 29.33300$

$P = x^{42} + 13x^{41} + 46x^{40} - 82x^{39} - 817x^{38} - 677x^{37} + 5669x^{36} + 11902x^{35} - 18177x^{34} - 75495x^{33} + 3953 \times x^{32} + 276036x^{31} + 211028x^{30} - 625177x^{29} - 981497x^{28} + 779988x^{27} + 2525747x^{26} + 47020x^{25} - 4262103 \times x^{24} - 2406790x^{23} + 4646567x^{22} + 5389500x^{21} - 2559260x^{20} - 6684170x^{19} - 828420x^{18} + 5022202x^{17} + 2848576x^{16} - 1966114x^{15} - 2462040x^{14} - 49228x^{13} + 1070740x^{12} + 454620x^{11} - 183232x^{10} - 207519 \times x^{9} - 33836x^{8} + 32808x^{7} + 18929x^{6} + 2033x^{5} - 1687x^{4} - 850x^{3} - 186x^{2} - 21x - 1$

$\mathbf{d = 42; r_1 = 18}$;

Disc $= 5176026626031633564431430591111777206122665046090846537338475 09$

$R = 31.13081$

$P = x^{42} + 15x^{41} + 77x^{40} + 105x^{39} - 479x^{38} - 2099x^{37} - 1697x^{36} + 7674x^{35} + 21931x^{34} + 7862x^{33} - 62732 \times x^{32} - 119942x^{31} - 2076x^{30} + 294060x^{29} + 394869x^{28} - 98023x^{27} - 857310x^{26} - 845454x^{25} + 378686 \times x^{24} + 1630789x^{23} + 1232422x^{22} - 710364x^{21} - 2072397x^{20} - 1255911x^{19} + 777987x^{18} + 1765206x^{17} + 905385 \times x^{16} - 508337x^{15} - 989372x^{14} - 459525x^{13} + 183513x^{12} + 346972x^{11} + 158625x^{10} - 25415x^{9} - 67580 \times x^{8} - 33624x^{7} - 3274x^{6} + 4959x^{5} + 3225x^{4} + 1030x^{3} + 195x^{2} + 21x + 1$

$\mathbf{d = 42; r_1 = 20}$;

Disc $= -4433076932032361960419072391423557877593996776298366635382867831$

$R = 32.76406$

$P = x^{42} + 5x^{41} - 2x^{40} - 118x^{39} - 548x^{38} - 867x^{37} + 1691x^{36} + 10583x^{35} + 18704x^{34} - 2134x^{33} - 75926 \times x^{32} - 152944x^{31} - 84765x^{30} + 233959x^{29} + 623294x^{28} + 603686x^{27} - 162096x^{26} - 1307715x^{25} - 1808989x^{24} - 873542x^{23} + 1112443x^{22} + 2676760x^{21} + 2496909x^{20} + 613938x^{19} - 1591136x^{18} - 2606868x^{17} - 1982259 \times x^{16} - 463180x^{15} + 827557x^{14} + 1264596x^{13} + 955084x^{12} + 382112x^{11} - 52890x^{10} - 224774x^{9} - 209883 \times x^{8} - 130185x^{7} - 61012x^{6} - 22306x^{5} - 6348x^{4} - 1370x^{3} - 212x^{2} - 21x - 1$

$\mathbf{d = 42; r_1 = 22}$;

Disc $= 4726363206342636228068760469280779037089781008843765452966001356 1$

$R = 34.66328$

$P = x^{42} + 14x^{41} + 37x^{40} - 290x^{39} - 1402x^{38} + 2386x^{37} + 18167x^{36} - 11738x^{35} - 131409x^{34} + 60403x^{33} + 603792x^{32} - 368400x^{31} - 1811237x^{30} + 1704291x^{29} + 3400636x^{28} - 5086370x^{27} - 3171244x^{26} + 9625118 \times x^{25} - 1388847x^{24} - 11047962x^{23} + 8478499x^{22} + 5943374x^{21} - 11663113x^{20} + 2216648x^{19} + 7721231x^{18} - 6242266x^{17} - 1303337x^{16} + 4416240x^{15} - 1780447x^{14} - 1146412x^{13} + 1363440x^{12} - 253492x^{11} - 333902 \times x^{10} + 231200x^{9} - 20046x^{8} - 41316x^{7} + 21042x^{6} - 2299x^{5} - 1673x^{4} + 850x^{3} - 186x^{2} + 21x - 1$

$\mathbf{d = 42; r_1 = 24}$;

Disc $= -9222916215927654061717475811798582925026091488502163392100402932247$

$R = 39.30082$

$P = x^{42} + 7x^{41} - 7x^{40} - 154x^{39} - 163x^{38} + 1452x^{37} + 3110x^{36} - 7259x^{35} - 25365x^{34} + 16512x^{33} + 125767 \times x^{32} + 24543x^{31} - 415590x^{30} - 334698x^{29} + 927690x^{28} + 1334980x^{27} - 1297336x^{26} - 3279559x^{25} + 664186 \times x^{24} + 5525909x^{23} + 1564661x^{22} - 6464051x^{21} - 4542029x^{20} + 4954878x^{19} + 6206981x^{18} - 1881450 \times x^{17} - 5358407x^{16} - 567652x^{15} + 2995953x^{14} + 1232614x^{13} - 994835x^{12} - 767346x^{11} + 126364x^{10} + 250070 \times x^{9} + 31019x^{8} - 41316x^{7} - 13697x^{6} + 2400x^{5} + 1769x^{4} + 136x^{3} - 70x^{2} - 16x - 1$

$\mathbf{d = 42; r_1 = 26}$;

Disc $= 5909043522852377802451059175598889090338740682285775347662679179264$

$R = 38.88643$

$P = T_{42} + 2T_{38} + T_{36} + 2T_{34} + T_{30} - T_{28} - 2T_{26} - T_{24} - T_{22} + 2T_{18} + 3T_{16} + 3T_{14} + 2T_{12} + 2T_{10} - T_{8} - 3T_{6} - T_{4} - 4T_{2}$

$\mathbf{d = 42; r_1 = 28}$;

Disc $= -2179548224887263226671753502331003065034154344687563892586108697 9027$

$R = 40.11386$

$P = T_{42} + T_{36} - T_{23} + T_{22} + T_{18} - T_{17} + T_{16} + T_{12} - 1$

$\mathbf{d = 42; r_1 = 30}$;

Disc $= 1547966139828255152720926974514900817096338668650560167400774832226304$

$R = 44.39921$

$P = T_{42} + 2T_{40} + 2T_{38} + 2T_{36} + 3T_{34} + 4T_{32} + 4T_{30} + 4T_{28} + 4T_{26} + 4T_{24} + 4T_{22} + 4T_{20} + 4T_{18} + 3T_{16} + 3 \times T_{14} + 3T_{12} + 3T_{10} + 2T_8 + 2T_6 + 2T_4 + T_2$

$\mathbf{d = 42; r_1 = 32}$;

Disc $= -220550886996799909203265116343327211694315812051822578768324220662749 87$

$R = 47.29829$

$P = T_{42} + T_{41} + T_{39} + T_{38} + T_{36} + 2T_{35} + T_{34} + T_{33} + 2T_{32} + T_{31} - T_{30} + T_{28} - T_{27} + T_{25} - 3T_{24} - 4 \times T_{23} - T_{22} - 4T_{21} - 4T_{20} + T_{19} - 2T_{18} - 5T_{17} - T_{16} - 2T_{15} - 5T_{14} + T_{13} + 3T_{12} - T_{11} + 2T_{10} + 3T_9 - 2 \times T_8 + T_7 + 5T_6 + 2T_5 + 3T_4 + 5T_3 - 2T_1 + 2$

$\mathbf{d = 42; r_1 = 34}$;

Disc $= 384699419765532634084267085647112708405966604444706707374033320013725696$

$R = 50.62997$

$P = T_{42} + 2T_{38} + T_{36} + 2T_{34} + 2T_{32} + T_{30} + T_{28} - T_{22} - 2T_{18} - T_{16} - 3T_{14} - 3T_{12} - 3T_{10} - 3T_8 - 2T_6 - 2T_4 - 1$

$\mathbf{d = 42; r_1 = 36}$;

Disc $= -407390398175567656309842234164942603729524118312058217621880386547466895 36$

$R = 56.57432$

$P = T_{42} + T_{40} + 2T_{38} + 3T_{36} + 3T_{34} + 4T_{32} + 3T_{30} + 2T_{28} + 2T_{26} + T_{24} + T_{22} + 2T_{20} + T_{18} + T_{16} - 2 \times T_{12} - 2T_{10} - 2T_8 - 2T_6$

$\mathbf{d = 42; r_1 = 38}$;

Disc $= 2390337263545232273992545631465815319052887325615932063173253743839008522 24$

$R = 59.00865$

$P = T_{42} - T_{38} - T_{32} + T_{28} - T_{24} + T_{20} + T_{18} - T_{14} - T_{12} + T_8 + T_6 - T_2 - 1$

$\mathbf{d = 42; r_1 = 40}$;

Disc $= -241962645772531548634757349183358121552430139911268813652242413636162011 79136$

$R = 65.86591$

$P = T_{42} - T_{40} - T_{38} - T_{36} + 2T_{34} + 2T_{32} - 3T_{28} - 2T_{26} + 2T_{24} + 3T_{22} + T_{20} - 3T_{18} - 2T_{16} + 3T_{12} + T_{10} - T_8 - 2 \times T_6 + T_2 + 1$

$\mathbf{d = 42; r_1 = 42}$;

Disc $= 1236219045653317330764639083558080790009887216550178193020957667462329030021$

$R = 61.36306$

$P = T_{42} - T_{40} - T_{35} + T_{33} + T_{21} - T_{19} - T_{14} + T_{12} + 1$

$\mathbf{d = 43; r_1 = 1}$;

Disc $= -3233535392434131743819542207010211330329636716130618326 31$

$R = 20.61477$

$P = x^{43} + 3x^{42} - 10x^{41} - 35x^{40} + 52x^{39} + 206x^{38} - 192x^{37} - 815x^{36} + 568x^{35} + 2419x^{34} - 1426x^{33} - 5701 \times x^{32} + 3103x^{31} + 11005x^{30} - 5910x^{29} - 17732x^{28} + 9894x^{27} + 24114x^{26} - 14589x^{25} - 27812x^{24} + 18963 \times x^{23} + 27146x^{22} - 21733x^{21} - 22156x^{20} + 21925x^{19} + 14662x^{18} - 19358x^{17} - 7234x^{16} + 14782x^{15} + 1849 \times x^{14} - 9566x^{13} + 863x^{12} + 5073x^{11} - 1475x^{10} - 2077x^{9} + 1057x^{8} + 576x^{7} - 484x^{6} - 63x^{5} + 138x^{4} - 21 \times x^{3} - 18x^{2} + 8x - 1$

$\mathbf{d = 43; r_1 = 3}$;

Disc $= 23415213151917491505277885449045737777955702252484286739329$

$R = 22.77352$

$P = x^{43} + 18x^{42} + 169x^{41} + 1083x^{40} + 5268x^{39} + 20558x^{38} + 66495x^{37} + 181854x^{36} + 425397x^{35} + 855263 \times x^{34} + 1475026x^{33} + 2158721x^{32} + 2611301x^{31} + 2450394x^{30} + 1450882x^{29} - 149325x^{28} - 1542174x^{27} - 1690522x^{26} - 66065x^{25} + 2706760x^{24} + 4948977x^{23} + 4963532x^{22} + 2365967x^{21} - 1405806x^{20} - 4003658 \times x^{19} - 3890277x^{18} - 1452299x^{17} + 1434468x^{16} + 2945981x^{15} + 2574956x^{14} + 1145127x^{13} - 158263x^{12} - 707842x^{11} - 609335x^{10} - 286695x^{9} - 47463x^{8} + 40777x^{7} + 41087x^{6} + 20551x^{5} + 6835x^{4} + 1575x^{3} + 244 \times x^{2} + 23x + 1$

$\mathbf{d = 43; r_1 = 5}$;

Disc $= -7804711425423507426219243305321119862441044103575814193536419$

$R = 26.06762$

$P = x^{43} + 2x^{42} - 14x^{41} - 41x^{40} + 67x^{39} + 351x^{38} + 22x^{37} - 1615x^{36} - 1759x^{35} + 3951x^{34} + 9350x^{33} - 2222 \times x^{32} - 25549x^{31} - 17849x^{30} + 36986x^{29} + 65013x^{28} - 8774x^{27} - 108480x^{26} - 74652x^{25} + 82448x^{24} + 153237 \times x^{23} + 27554x^{22} - 132697x^{21} - 125716x^{20} + 17558x^{19} + 111555x^{18} + 71903x^{17} - 20612x^{16} - 61483x^{15} - 34774 \times x^{14} + 8304x^{13} + 24589x^{12} + 13712x^{11} - 1501x^{10} - 6611x^{9} - 3716x^{8} - 119x^{7} + 1030x^{6} + 607x^{5} + 80 \times x^{4} - 78x^{3} - 47x^{2} - 11x - 1$

$\mathbf{d = 43; r_1 = 7}$;

Disc $= 6349128537663015887062204134326027177548974201232408002996981$

$R = 25.94279$

$P = x^{43} + 7x^{42} + 14x^{41} - 11x^{40} - 78x^{39} - 86x^{38} + 38x^{37} + 164x^{36} + 181x^{35} + 85x^{34} - 204x^{33} - 447 \times x^{32} - 111x^{31} + 469x^{30} + 434x^{29} - 65x^{28} - 695x^{27} - 874x^{26} + 1053x^{25} + 2309x^{24} - 1452x^{23} - 3400 \times x^{22} + 1633x^{21} + 3280x^{20} - 1381x^{19} - 2231x^{18} + 946x^{17} + 1074x^{16} - 782x^{15} - 37x^{14} + 618x^{13} - 689 \times x^{12} - 23x^{11} + 565x^{10} - 402x^{9} + 61x^{8} + 150x^{7} - 228x^{6} + 136x^{5} + 14x^{4} - 67x^{3} + 39x^{2} - 10x + 1$

$\mathbf{d = 43; r_1 = 9}$;

Disc $= -1725900552651755638283847216202606784558237028591666171252894 7$

$R = 26.55319$

$P = x^{43} + x^{42} - 14x^{41} - 14x^{40} + 100x^{39} + 91x^{38} - 481x^{37} - 340x^{36} + 1703x^{35} + 713x^{34} - 4518x^{33} - 418 \times x^{32} + 8692x^{31} - 1813x^{30} - 10745x^{29} + 3376x^{28} + 6263x^{27} + 8763x^{26} - 6271x^{25} - 45217x^{24} + 49652 \times x^{23} + 68368x^{22} - 152181x^{21} + 8079x^{20} + 219093x^{19} - 184210x^{18} - 116306x^{17} + 284285x^{16} - 99107 \times x^{15} - 172436x^{14} + 196795x^{13} - 16413x^{12} - 108262x^{11} + 78980x^{10} + 553x^{9} - 32461x^{8} + 19601x^{7} - 2077 \times x^{6} - 3672x^{5} + 2567x^{4} - 876x^{3} + 176x^{2} - 20x + 1$

$\mathbf{d = 43; r_1 = 11}$;

Disc $= 2755255507670762024812040160166449274395502538955815805164 2789$

$R = 26.84361$

$P = T_{43} + 7T_{41} - T_{40} + 26T_{39} - 6T_{38} + 72T_{37} - 20T_{36} + 168T_{35} - 52T_{34} + 346T_{33} - 116T_{32} + 646T_{31} - 230 \times T_{30} + 1113T_{29} - 416T_{28} + 1789T_{27} - 695T_{26} + 2702T_{25} - 1081T_{24} + 3855T_{23} - 1578T_{22} + 5216T_{21} - 2172 \times T_{20} + 6708T_{19} - 2825T_{18} + 8208T_{17} - 3478T_{16} + 9557T_{15} - 4054T_{14} + 10573T_{13} - 4464T_{12} + 11075T_{11} - 4624 \times T_{10} + 10916T_{9} - 4470T_{8} + 10007T_{7} - 3968T_{6} + 8337T_{5} - 3127T_{4} + 5989T_{3} - 2003T_{2} + 3132T_{1} - 691$

$\mathbf{d = 43; r_1 = 13}$;

Disc $= -4854667604440597265343976281726401629822840283694068332163077 51$

$R = 28.69576$

$P = x^{43} - 48x^{41} - 48x^{40} + 988x^{39} + 2104x^{38} - 11262x^{37} - 38988x^{36} + 56686x^{35} + 376154x^{34} + 87338 \times x^{33} - 1845554x^{32} - 2041085x^{31} + 5023364x^{30} + 9480854x^{29} - 7607181x^{28} - 24415581x^{27} + 4398918 \times x^{26} + 41179401x^{25} + 6462787x^{24} - 48621853x^{23} - 18761527x^{22} + 41417199x^{21} + 23862879x^{20} - 25626623 \times x^{19} - 19819979x^{18} + 11296494x^{17} + 11741963x^{16} - 3289929x^{15} - 5105028x^{14} + 449727x^{13} + 1633411 \times x^{12} + 86962x^{11} - 378095x^{10} - 63800x^{9} + 60612x^{8} + 16878x^{7} - 6088x^{6} - 2541x^{5} + 278x^{4} + 215x^{3} + 7x^{2} - 8x - 1$

$\mathbf{d = 43; r_1 = 15}$;

$\mathrm{Disc} = 1763892395347278880331307579095261711070237065869713029467906 0909$
$R = 31.19637$
$P = x^{43} - 48x^{41} - 16x^{40} + 732x^{39} + 184x^{38} - 5038x^{37} - 3188x^{36} + 29062x^{35} + 34306x^{34} - 159170 \times x^{33} - 219582x^{32} + 687373x^{31} + 924224x^{30} - 2156472x^{29} - 2715379x^{28} + 4941941x^{27} + 5776624x^{26} - 8473071 \times x^{25} - 9116129x^{24} + 11122811x^{23} + 10852131x^{22} - 11389767x^{21} - 9854437x^{20} + 9219276x^{19} + 6864937 \times x^{18} - 5942334x^{17} - 3666724x^{16} + 3053252x^{15} + 1488446x^{14} - 1243555x^{13} - 449482x^{12} + 396229x^{11} + 96507 \times x^{10} - 96559x^{9} - 13221x^{8} + 17353x^{7} + 745x^{6} - 2164x^{5} + 83x^{4} + 167x^{3} - 18x^{2} - 6x + 1$

$\mathbf{d = 43; r_1 = 17}$;
$\mathrm{Disc} = -1317034109527315581042209682087803717925944096275792802530031498 83$
$R = 32.68957$
$P = x^{43} + 4x^{42} - 50x^{41} - 184x^{40} + 569x^{39} + 2252x^{38} - 6846x^{37} - 24877x^{36} + 43544x^{35} + 171767 \times x^{34} - 176888x^{33} - 839732x^{32} + 423044x^{31} + 2975133x^{30} - 449404x^{29} - 7979707x^{28} - 1102156x^{27} + 16008417 \times x^{26} + 6400436x^{25} - 23181598x^{24} - 15028857x^{23} + 23479552x^{22} + 21660262x^{21} - 15902058x^{20} - 21088592 \times x^{19} + 6263844x^{18} + 14403310x^{17} - 331945x^{16} - 6975244x^{15} - 1236872x^{14} + 2362584x^{13} + 838641x^{12} - 530240x^{11} - 301590x^{10} + 65798x^{9} + 67605x^{8} - 83x^{7} - 9314x^{6} - 1372x^{5} + 682x^{4} + 200x^{3} - 12x^{2} - 10x - 1$

$\mathbf{d = 43; r_1 = 19}$;
$\mathrm{Disc} = 3007342769728808723443430623852451776594845151970229728805416600041$
$R = 35.15639$
$P = T_{43} + 5T_{41} + T_{40} + 15T_{39} + 5T_{38} + 35T_{37} + 15T_{36} + 70T_{35} + 34T_{34} + 126T_{33} + 65T_{32} + 209T_{31} + 110 \times T_{30} + 323T_{29} + 172T_{28} + 470T_{27} + 252T_{26} + 649T_{25} + 349T_{24} + 854T_{23} + 459T_{22} + 1074T_{21} + 575T_{20} + 1293 \times T_{19} + 687T_{18} + 1491T_{17} + 785T_{16} + 1647T_{15} + 856T_{14} + 1739T_{13} + 889T_{12} + 1750T_{11} + 876T_{10} + 1668 \times T_{9} + 813T_{8} + 1488T_{7} + 699T_{6} + 1214T_{5} + 539T_{4} + 859T_{3} + 340T_{2} + 445T_{1} + 116$

$\mathbf{d = 43; r_1 = 21}$;
$\mathrm{Disc} = -6304101804555520309248748353353661869172089890140981710305263088087$
$R = 35.76676$
$P = T_{43} + 4T_{41} + 10T_{39} - T_{38} + 20T_{37} - 3T_{36} + 35T_{35} - 6T_{34} + 56T_{33} - 10T_{32} + 84T_{31} - 15T_{30} + 119 \times T_{29} - 21T_{28} + 161T_{27} - 28T_{26} + 209T_{25} - 36T_{24} + 260T_{23} - 44T_{22} + 311T_{21} - 52T_{20} + 358T_{19} - 59T_{18} + 397 \times T_{17} - 65T_{16} + 424T_{15} - 68T_{14} + 435T_{13} - 69T_{12} + 427T_{11} - 66T_{10} + 399T_{9} - 60T_{8} + 350T_{7} - 51T_{6} + 282 \times T_{5} - 39T_{4} + 198T_{3} - 25T_{2} + 102T_{1} - 9$

$\mathbf{d = 43; r_1 = 23}$;
$\mathrm{Disc} = 5413835124410540568045358545688413299975328429911186083689781172832 1$
$R = 37.60086$
$P = T_{43} + 2T_{41} + 3T_{39} + 4T_{37} + 6T_{35} + 8T_{33} + 10T_{31} + 12T_{29} + 14T_{27} + 16T_{25} + 18T_{23} + 19T_{21} + 20 \times T_{19} + 21T_{17} + 21T_{15} + 20T_{13} + T_{12} + 19T_{11} + 17T_{9} + 15T_{7} + 12T_{5} + 8T_{3} + 4T_{1}$

$\mathbf{d = 43; r_1 = 25}$;
$\mathrm{Disc} = -3044961632653842148914246668778041425672857258778607547865886079736 63$
$R = 39.14186$
$P = T_{43} + 4T_{41} + 9T_{39} + 16T_{37} + 25T_{35} + 36T_{33} + 49T_{31} + 64T_{29} + 81T_{27} + 99T_{25} - T_{24} + 117T_{23} - 2 \times T_{22} + 134T_{21} - 3T_{20} + 148T_{19} - 4T_{18} + 158T_{17} - 4T_{16} + 163T_{15} - 4T_{14} + 162T_{13} - 4T_{12} + 155T_{11} - 4 \times T_{10} + 142T_{9} - 4T_{8} + 123T_{7} - 5T_{6} + 98T_{5} - 4T_{4} + 68T_{3} - 3T_{2} + 35T_{1} - 1$

$\mathbf{d = 43; r_1 = 27}$;
$\mathrm{Disc} = 9833789570646970165714534267510222944379345247875267188436016132012 2936$
$R = 44.77066$
$P = T_{43} + 2T_{41} + 3T_{39} + 5T_{37} + T_{36} + 7T_{35} + T_{34} + 9T_{33} + T_{32} + 11T_{31} + T_{30} + 13T_{29} + T_{28} + 15T_{27} + 17 \times T_{25} + 18T_{23} + 19T_{21} + 20T_{19} + 21T_{17} + 21T_{15} + 21T_{13} + 19T_{11} + 17T_{9} + 15T_{7} + 12T_{5} + 8T_{3} + 4T_{1}$

$\mathbf{d = 43; r_1 = 29}$;
$\mathrm{Disc} = -3800626190468111755650994820789450399172521608511759988645005671620 01223$
$R = 46.20062$
$P = T_{43} + 2T_{42} + 2T_{41} + 2T_{40} + 2T_{39} + 3T_{38} + 4T_{37} + 3T_{36} + 2T_{35} + 2T_{34} + 2T_{33} + 2T_{32} + T_{31} + T_{29} + T_{28} + T_{24} + T_{23} - T_{22} - 2T_{21} - 2T_{20} - 2T_{19} - 2T_{18} - 3T_{17} - 3T_{16} - T_{15} - T_{14} - T_{13} + T_{10} + T_{9} + T_{7} + T_{6} - T_{3} - T_{2} - 1$

$\mathbf{d = 43; r_1 = 31}$;
$\mathrm{Disc} = 3023729382494170459490692179880763706579900810105726811311898925548986977$
$R = 48.48351$
$P = T_{43} + 2T_{39} + T_{37} + 3T_{35} + T_{33} + 4T_{31} + T_{29} + 5T_{27} + T_{25} + 6T_{23} + T_{21} + 6T_{19} + T_{17} + 6T_{15} + T_{13} + 5 \times T_{11} + T_{9} + 4T_{7} + T_{5} + 2T_{3} + 1$

$\mathbf{d = 43; r_1 = 33}$;

Disc $= -2427155901106210834820393876322318600568555766451386417440571624490021649 43$

$R = 53.68908$

$P = T_{43} + T_{40} - T_{38} + T_{37} - T_{35} + 2T_{34} + T_{33} + 2T_{31} + T_{30} - T_{29} + T_{28} - T_{26} + T_{25} + T_{24} + 2 \times T_{22} + T_{21} + T_{19} + T_{18} - T_{17} + T_{16} + T_{15} + T_{13} + 2T_{12} + T_{9} - T_{7} + T_{6} + T_{3} + T_{2} + 1$

$\mathbf{d = 43; r_1 = 35}$;

Disc $= 836376303552422254282662768442449986882214909552543359404456556430487800898 1$

$R = 58.29580$

$P = T_{43} + T_{42} - T_{38} - 2T_{37} - T_{36} + T_{33} + 2T_{32} + T_{31} - T_{28} - 2T_{27} - T_{26} + T_{22} + T_{21} - T_{17} - T_{16} + T_{12} + T_{11} - T_{9} - T_{8} - T_{7} - T_{6} + T_{4} + T_{3} + T_{2} + T_{1} + 1$

$\mathbf{d = 43; r_1 = 37}$;

Disc $= -6471412532654455853269909624870446602237556533063391423231297685873164427025 23$

$R = 64.49976$

$P = T_{43} - 2T_{41} + 3T_{39} + T_{38} - 4T_{37} - 2T_{36} + 5T_{35} + 2T_{34} - 5T_{33} - 2T_{32} + 5T_{31} + 2T_{30} - 4T_{29} - T_{28} + 3 \times T_{27} - 2T_{25} + T_{24} + 2T_{23} - 2T_{22} - 2T_{21} + 3T_{20} + 3T_{19} - 3T_{18} - 4T_{17} + 3T_{16} + 4T_{15} - 3T_{14} - 3T_{13} + 3 \times T_{12} + 2T_{11} - 3T_{10} + 4T_{8} - 2T_{7} - 5T_{6} + 3T_{5} + 6T_{4} - 3T_{3} - 7T_{2} + 2T_{1} + 8$

$\mathbf{d = 43; r_1 = 39}$;

Disc $= 2213925310374334292081689368685281459245021424419434192576847527857081891896 7601$

$R = 70.02230$

$P = T_{43} + T_{41} - T_{40} - T_{39} - 4T_{37} + 3T_{36} - 4T_{35} + 4T_{34} + T_{33} - T_{32} + 7T_{31} - 7T_{30} + 8T_{29} - 6T_{28} - T_{27} + 4 \times T_{26} - 13T_{25} + 13T_{24} - 14T_{23} + 9T_{22} + 2T_{21} - 7T_{20} + 20T_{19} - 20T_{18} + 19T_{17} - 14T_{16} - T_{15} + 7T_{14} - 19 \times T_{13} + 19T_{12} - 15T_{11} + 8T_{10} + 6T_{9} - 12T_{8} + 21T_{7} - 17T_{6} + 13T_{5} - 4T_{4} - 8T_{3} + 9T_{2} - 15T_{1} + 6$

$\mathbf{d = 43; r_1 = 41}$;

Disc $= -5429750566261662799186856978110866694172622795020811175729175659710535612109993323$

$R = 79.58090$

$P = T_{43} + T_{42} - T_{41} - T_{40} - T_{34} - T_{33} + T_{32} - T_{30} + T_{25} + T_{24} - T_{23} + T_{21} + T_{19} + T_{18} - T_{16} - T_{15} + T_{14} + T_{11} - T_{10} - T_{9} + T_{7} + T_{6} - T_{5} - T_{2} + T_{1} + 1$

$\mathbf{d = 43; r_1 = 43}$;

Disc $= 2718642480028009119630496986766089842694689176728868444412575220424449810999457921749$

$R = 91.95801$

$P = T_{43} + T_{42} + T_{40} + T_{39} + T_{38} + T_{36} - T_{31} - T_{30} - T_{28} - T_{27} - T_{26} - T_{24} + T_{19} + T_{18} + T_{16} + T_{15} + T_{12} - T_{10} - T_{7} - T_{6} - T_{4} - T_{3} - 1$

$\mathbf{d = 44; r_1 = 0}$;

Disc $= 93098667378047528667874853415699962742543462278652924 1$

$R = 16.84872$

$P = x^{44} + 7x^{43} + 31x^{42} + 105x^{41} + 296x^{40} + 726x^{39} + 1593x^{38} + 3185x^{37} + 5880x^{36} + 10125x^{35} + 16391 \times x^{34} + 25105x^{33} + 36570x^{32} + 50881x^{31} + 67858x^{30} + 87003x^{29} + 107494x^{28} + 128222x^{27} + 147875x^{26} + 165061 \times x^{25} + 178460x^{24} + 186982x^{23} + 189907x^{22} + 186982x^{21} + 178460x^{20} + 165061x^{19} + 147875x^{18} + 128222 \times x^{17} + 107494x^{16} + 87003x^{15} + 67858x^{14} + 50881x^{13} + 36570x^{12} + 25105x^{11} + 16391x^{10} + 10125x^{9} + 5880 \times x^{8} + 3185x^{7} + 1593x^{6} + 726x^{5} + 296x^{4} + 105x^{3} + 31x^{2} + 7x + 1$

$\mathbf{d = 44; r_1 = 2}$;

Disc $= -3581791129897302424705849476001651769052118453002792707 9$

$R = 18.30599$

$P = x^{44} + 11x^{43} + 64x^{42} + 266x^{41} + 889x^{40} + 2534x^{39} + 6374x^{38} + 14464x^{37} + 30062x^{36} + 57857x^{35} + 103960 \times x^{34} + 175505x^{33} + 279753x^{32} + 422703x^{31} + 607368x^{30} + 832033x^{29} + 1088947x^{28} + 1363891x^{27} + 1636970 \times x^{26} + 1884702x^{25} + 2083168x^{24} + 2211674x^{23} + 2256167x^{22} + 2211674x^{21} + 2083168x^{20} + 1884702 \times x^{19} + 1636970x^{18} + 1363891x^{17} + 1088947x^{16} + 832033x^{15} + 607368x^{14} + 422703x^{13} + 279753x^{12} + 175505 \times x^{11} + 103960x^{10} + 57857x^{9} + 30062x^{8} + 14464x^{7} + 6374x^{6} + 2534x^{5} + 889x^{4} + 266x^{3} + 64x^{2} + 11x + 1$

$\mathbf{d = 44; r_1 = 4}$;

Disc $= 5932558002369881313474546053356826542962377743251211405 21$

$R = 19.51196$

$P = x^{44} + 11x^{43} + 63x^{42} + 256x^{41} + 828x^{40} + 2260x^{39} + 5389x^{38} + 11482x^{37} + 22200x^{36} + 39390x^{35} + 64683 \times x^{34} + 98953x^{33} + 141785x^{32} + 191154x^{31} + 243507x^{30} + 294331x^{29} + 339120x^{28} + 374463x^{27} + 398894 \times x^{26} + 413163x^{25} + 419781x^{24} + 421967x^{23} + 422359x^{22} + 421967x^{21} + 419781x^{20} + 413163x^{19} + 398894 \times x^{18} + 374463x^{17} + 339120x^{16} + 294331x^{15} + 243507x^{14} + 191154x^{13} + 141785x^{12} + 98953x^{11} + 64683 \times x^{10} + 39390x^{9} + 22200x^{8} + 11482x^{7} + 5389x^{6} + 2260x^{5} + 828x^{4} + 256x^{3} + 63x^{2} + 11x + 1$

$\mathbf{d = 44; r_1 = 6}$;

Disc $= -6629390325343066051313866740864702037674893995937472465199$

$R = 20.61220$

$P = x^{44} + 22x^{43} + 238x^{42} + 1688x^{41} + 8820x^{40} + 36165x^{39} + 121052x^{38} + 339792x^{37} + 815574x^{36} + 1698403 \times x^{35} + 3102331x^{34} + 5009256x^{33} + 7180498x^{32} + 9132010x^{31} + 10209372x^{30} + 9754315x^{29} + 7314021 \times x^{28} + 2828420x^{27} - 3263022x^{26} - 10037917x^{25} - 16252042x^{24} - 20628864x^{23} - 22207105x^{22} - 20628864 \times x^{21} - 16252042x^{20} - 10037917x^{19} - 3263022x^{18} + 2828420x^{17} + 7314021x^{16} + 9754315x^{15} + 10209372 \times x^{14} + 9132010x^{13} + 7180498x^{12} + 5009256x^{11} + 3102331x^{10} + 1698403x^{9} + 815574x^{8} + 339792x^{7} + 121052 \times x^{6} + 36165x^{5} + 8820x^{4} + 1688x^{3} + 238x^{2} + 22x + 1$

$\mathbf{d = 44; r_1 = 8}$;

Disc $= 3511391957248360047238140282873917132303034624141846671172101$

$R = 22.55830$

$P = x^{44} + x^{43} - 14x^{42} - 19x^{41} + 46x^{40} + 158x^{39} + 86x^{38} - 438x^{37} - 941x^{36} - 274x^{35} + 1878x^{34} + 3413 \times x^{33} + 1122x^{32} - 4480x^{31} - 7759x^{30} - 3394x^{29} + 5872x^{28} + 10439x^{27} + 5144x^{26} - 3851x^{25} - 6452x^{24} - 1540 \times x^{23} + 1915x^{22} - 1540x^{21} - 6452x^{20} - 3851x^{19} + 5144x^{18} + 10439x^{17} + 5872x^{16} - 3394x^{15} - 7759x^{14} - 4480 \times x^{13} + 1122x^{12} + 3413x^{11} + 1878x^{10} - 274x^{9} - 941x^{8} - 438x^{7} + 86x^{6} + 158x^{5} + 46x^{4} - 19x^{3} - 14x^{2} + x + 1$

$\mathbf{d = 44; r_1 = 10}$;

Disc $= -2203993648069182366672548388972376302333813275632513327422683$

$R = 23.51996$

$P = x^{44} + 22x^{43} + 228x^{42} + 1503x^{41} + 7154x^{40} + 26346x^{39} + 78205x^{38} + 191606x^{37} + 391521x^{36} + 664497 \times x^{35} + 910060x^{34} + 910082x^{33} + 367024x^{32} - 953332x^{31} - 3003338x^{30} - 5275680x^{29} - 6827364x^{28} - 6601270 \times x^{27} - 3965534x^{26} + 797979x^{25} + 6381177x^{24} + 10877274x^{23} + 12599785x^{22} + 10877274x^{21} + 6381177 \times x^{20} + 797979x^{19} - 3965534x^{18} - 6601270x^{17} - 6827364x^{16} - 5275680x^{15} - 3003338x^{14} - 953332x^{13} + 367024 \times x^{12} + 910082x^{11} + 910060x^{10} + 664497x^{9} + 391521x^{8} + 191606x^{7} + 78205x^{6} + 26346x^{5} + 7154x^{4} + 1503 \times x^{3} + 228x^{2} + 22x + 1$

$\mathbf{d = 44; r_1 = 12}$;

Disc $= 4003907811352023862711769793212790528369779254796943346707 5557$

$R = 25.12213$

$P = x^{44} + 11x^{43} + 18x^{42} - 301x^{41} - 2058x^{40} - 4333x^{39} + 11906x^{38} + 115512x^{37} + 409582x^{36} + 742441 \times x^{35} - 289524x^{34} - 7506329x^{33} - 32439142x^{32} - 96566356x^{31} - 231950215x^{30} - 476279110x^{29} - 860889763 \times x^{28} - 1394027390x^{27} - 2045777914x^{26} - 2742997226x^{25} - 3380020730x^{24} - 3844300016x^{23} - 4048574520 \times x^{22} - 3957066708x^{21} - 3595152524x^{20} - 3039153216x^{19} - 2391432720x^{18} - 1751413378x^{17} - 1193106646 \times x^{16} - 755163876x^{15} - 443351086x^{14} - 240884972x^{13} - 120764035x^{12} - 55652866x^{11} - 23462975x^{10} - 8995055x^{9} - 3111878x^{8} - 961970x^{7} - 262309x^{6} - 62004x^{5} - 12399x^{4} - 2023x^{3} - 254x^{2} - 22x - 1$

$\mathbf{d = 44; r_1 = 14}$;

Disc $= -1559422772221951485953929587292354623161350076003633463340613243$

$R = 27.30258$

$P = x^{44} + 20x^{43} + 202x^{42} + 1369x^{41} + 6991x^{40} + 28647x^{39} + 97894x^{38} + 286073x^{37} + 726997x^{36} + 1624287 \times x^{35} + 3210066x^{34} + 5618674x^{33} + 8666500x^{32} + 11595273x^{31} + 12919885x^{30} + 10566482x^{29} + 2425997x^{28} - 12741495x^{27} - 34368160x^{26} - 59586561x^{25} - 83592571x^{24} - 100924940x^{23} - 107251945x^{22} - 100924940 \times x^{21} - 83592571x^{20} - 59586561x^{19} - 34368160x^{18} - 12741495x^{17} + 2425997x^{16} + 10566482x^{15} + 12919885 \times x^{14} + 11595273x^{13} + 8666500x^{12} + 5618674x^{11} + 3210066x^{10} + 1624287x^{9} + 726997x^{8} + 286073x^{7} + 97894 \times x^{6} + 28647x^{5} + 6991x^{4} + 1369x^{3} + 202x^{2} + 20x + 1$

$\mathbf{d = 44; r_1 = 16}$;

Disc $= 916712624489698821230537242907606162190466559117819950901939812 1$

$R = 28.42413$

$P = x^{44} + 13x^{43} + 56x^{42} + 41x^{41} - 350x^{40} - 875x^{39} - 212x^{38} + 684x^{37} + 2250x^{36} + 19369x^{35} + 30545 \times x^{34} - 82625x^{33} - 250419x^{32} + 68447x^{31} + 864722x^{30} + 496274x^{29} - 1687978x^{28} - 2168771x^{27} + 1723431 \times x^{26} + 4594361x^{25} + 140843x^{24} - 6010531x^{23} - 3492667x^{22} + 4679378x^{21} + 6030944x^{20} - 1050460x^{19} - 5658208x^{18} - 2231162x^{17} + 2824462x^{16} + 2968154x^{15} - 80656x^{14} - 1629524x^{13} - 823338x^{12} + 264146 \times x^{11} + 447106x^{10} + 142154x^{9} - 54982x^{8} - 61408x^{7} - 18663x^{6} + 1234x^{5} + 2903x^{4} + 1078x^{3} + 209x^{2} + 22x + 1$

$\mathbf{d = 44; r_1 = 18}$;

Disc $= -1798987583780054884901485632020241893442801999510561534430295810731$

$R = 32.04764$

$P = x^{44} + 5x^{43} - 21x^{42} - 111x^{41} + 210x^{40} + 1085x^{39} - 1528x^{38} - 7132x^{37} + 9145x^{36} + 35767x^{35} - 49905 \times x^{34} - 132905x^{33} + 227424x^{32} + 348886x^{31} - 796056x^{30} - 592550x^{29} + 2094165x^{28} + 414924x^{27} - 4128655 \times x^{26} + 889760x^{25} + 6039628x^{24} - 3521550x^{23} - 6319979x^{22} + 6368648x^{21} + 4187106x^{20} - 7500844x^{19} - 762581x^{18} + 6003258x^{17} - 1727275x^{16} - 3056278x^{15} + 2126376x^{14} + 694772x^{13} - 1211761x^{12} + 204850 \times x^{11} + 338834x^{10} - 198281x^{9} - 9801x^{8} + 49400x^{7} - 18265x^{6} - 624x^{5} + 2729x^{4} - 1057x^{3} + 208x^{2} - 22x + 1$

$\mathbf{d = 44; r_1 = 20}$;

Disc $= 285689383159293267600633837231427546108526992794196537547036538037$

$R = 30.73505$

$P = x^{44} + x^{43} - 21x^{42} - 21x^{41} + 195x^{40} + 200x^{39} - 1064x^{38} - 1132x^{37} + 3818x^{36} + 4197x^{35} - 9503 \times x^{34} - 10606x^{33} + 16682x^{32} + 18203x^{31} - 19977x^{30} - 19347x^{29} + 13247x^{28} + 6097x^{27} + 3748x^{26} + 18966 \times x^{25} - 22326x^{24} - 39717x^{23} + 30401x^{22} + 39717x^{21} - 22326x^{20} - 18966x^{19} + 3748x^{18} - 6097x^{17} + 13247 \times x^{16} + 19347x^{15} - 19977x^{14} - 18203x^{13} + 16682x^{12} + 10606x^{11} - 9503x^{10} - 4197x^{9} + 3818x^{8} + 1132 \times x^{7} - 1064x^{6} - 200x^{5} + 195x^{4} + 21x^{3} - 21x^{2} - x + 1$

$\mathbf{d = 44; r_1 = 22}$;

Disc $= -3025264637494857626136854158395051113370455500030303963209072180 0419$

$R = 34.17069$

$P = x^{44} + 7x^{43} - 19x^{42} - 261x^{41} - 365x^{40} + 2366x^{39} + 7219x^{38} - 6258x^{37} - 47713x^{36} - 21303x^{35} + 165649 \times x^{34} + 214702x^{33} - 310635x^{32} - 794210x^{31} + 131796x^{30} + 1752987x^{29} + 976688x^{28} - 2366671x^{27} - 3144846 \times x^{26} + 1360163x^{25} + 5106260x^{24} + 1633754x^{23} - 4754183x^{22} - 4741019x^{21} + 1583228x^{20} + 5200138 \times x^{19} + 1963795x^{18} - 2661893x^{17} - 2995618x^{16} - 187409x^{15} + 1594575x^{14} + 1073856x^{13} - 99450x^{12} - 516970 \times x^{11} - 268266x^{10} + 19522x^{9} + 91381x^{8} + 45847x^{7} + 4584x^{6} - 6144x^{5} - 3866x^{4} - 1183x^{3} - 214x^{2} - 22x - 1$

$\mathbf{d = 44; r_1 = 24}$;

Disc $= 753219704449837019749953333780785638972336313868348112164586256706541$

$R = 36.76077$

$P = x^{44} + x^{43} - 37x^{42} + 4x^{41} + 591x^{40} - 624x^{39} - 4914x^{38} + 9532x^{37} + 21124x^{36} - 68354x^{35} - 33042 \times x^{34} + 283800x^{33} - 105074x^{32} - 749972x^{31} + 752520x^{30} + 1299632x^{29} - 2289757x^{28} - 1333449x^{27} + 4630217 \times x^{26} + 74188x^{25} - 6824936x^{24} + 2712777x^{23} + 7303618x^{22} - 5955440x^{21} - 5119225x^{20} + 7552795x^{19} + 1332458x^{18} - 6267594x^{17} + 1564003x^{16} + 3237734x^{15} - 2147368x^{14} - 741072x^{13} + 1237796x^{12} - 206533 \times x^{11} - 342641x^{10} + 200216x^{9} + 9342x^{8} - 49343x^{7} + 18262x^{6} + 624x^{5} - 2729x^{4} + 1057x^{3} - 208x^{2} + 22x - 1$

$\mathbf{d = 44; r_1 = 26}$;

$\mathrm{Disc} = -579728864085304346564139706057367366678815137412866355505165502464670 19$
$R = 40.57468$
$P = x^{44} + x^{43} - 51x^{42} - 35x^{41} + 1048x^{40} + 383x^{39} - 11430x^{38} - 872x^{37} + 75050x^{36} - 11846x^{35} - 328248x^{34} + 122962x^{33} + 1022024x^{32} - 608863x^{31} - 2362904x^{30} + 1981025x^{29} + 4139261x^{28} - 4677031 \times x^{27} - 5451346x^{26} + 8386178x^{25} + 5069947x^{24} - 11640954x^{23} - 2500924x^{22} + 12494671x^{21} - 1150113 \times x^{20} - 10138277x^{19} + 3767789x^{18} + 5878961x^{17} - 4083589x^{16} - 2079165x^{15} + 2713781x^{14} + 103652 \times x^{13} - 1154433x^{12} + 341037x^{11} + 268588x^{10} - 194843x^9 - 150x^8 + 44840x^7 - 17245x^6 - 744x^5 + 2735 \times x^4 - 1057x^3 + 208x^2 - 22x + 1$

$\mathbf{d = 44; r_1 = 28}$;
$\mathrm{Disc} = 39671178660741273061125575497058365374177364749734368408385208237162496$
$R = 40.22637$
$P = T_{44} + 3T_{42} + 7T_{40} + 13T_{38} + 21T_{36} + 31T_{34} + 45T_{32} + 63T_{30} + 85T_{28} + 110T_{26} + 137T_{24} + 164T_{22} + 190 \times T_{20} + 213T_{18} + 230T_{16} + 239T_{14} + 239T_{12} + 229T_{10} + 208T_8 + 175T_6 + 132T_4 + 82T_2 + 28$

$\mathbf{d = 44; r_1 = 30}$;
$\mathrm{Disc} = -34305933468130636009796781791897895363730109580196931932959725491567169 51$
$R = 44.51754$
$P = x^{44} + 2x^{43} - 21x^{42} - 74x^{41} + 181x^{40} + 1217x^{39} - 728x^{38} - 11977x^{37} + 277x^{36} + 79641x^{35} + 12249 \times x^{34} - 381818x^{33} - 70224x^{32} + 1372726x^{31} + 217337x^{30} - 3796857x^{29} - 436521x^{28} + 8222064x^{27} + 584256 \times x^{26} - 14116705x^{25} - 486251x^{24} + 19402149x^{23} + 150471x^{22} - 21504259x^{21} + 221163x^{20} + 19305297 \times x^{19} - 469110x^{18} - 14021232x^{17} + 573005x^{16} + 8146435x^{15} - 533507x^{14} - 3689621x^{13} + 366325x^{12} + 1247501 \times x^{11} - 172336x^{10} - 296191x^9 + 51893x^8 + 45698x^7 - 9360x^6 - 4197x^5 + 948x^4 + 204x^3 - 49x^2 - 4x + 1$

$\mathbf{d = 44; r_1 = 32}$;
$\mathrm{Disc} = 15425409485125331593705078679380755877464555584008445465125553309803872256$
$R = 46.06478$
$P = T_{44} + 10T_{42} + 71T_{40} + 364T_{38} + 1453T_{36} + 4775T_{34} + 13432T_{32} + 33210T_{30} + 73528T_{28} + 147753 \times T_{26} + 272145T_{24} + 462803T_{22} + 730477T_{20} + 1073966T_{18} + 1473849T_{16} + 1888971T_{14} + 2258097T_{12} + 2508077 \times T_{10} + 2567937T_8 + 2386046T_6 + 1945784T_4 + 1274759T_2 + 443961$

$\mathbf{d = 44; r_1 = 34}$;
$\mathrm{Disc} = -12266932410760315433274863857429419543806567085160464176459697366657621 03296$
$R = 50.88177$
$P = x^{44} + 4x^{43} - 46x^{42} - 144x^{41} + 979x^{40} + 1926x^{39} - 12259x^{38} - 10150x^{37} + 93803x^{36} - 9660 \times x^{35} - 428384x^{34} + 373916x^{33} + 1079261x^{32} - 1925788x^{31} - 935516x^{30} + 4853720x^{29} - 2516643x^{28} - 5999996 \times x^{27} + 9196858x^{26} + 474576x^{25} - 12399085x^{24} + 9787846x^{23} + 5711477x^{22} - 14354766x^{21} + 5597488x^{20} + 8036742x^{19} - 9988437x^{18} + 1138318x^{17} + 5649423x^{16} - 4227052x^{15} - 403094x^{14} + 2238004x^{13} - 1085581 \times x^{12} - 261154x^{11} + 499517x^{10} - 172982x^9 - 44599x^8 + 59014x^7 - 18277x^6 - 1274x^5 + 2905x^4 - 1078 \times x^3 + 209x^2 - 22x + 1$

$\mathbf{d = 44; r_1 = 36}$;
$\mathrm{Disc} = 15795257249730447884591567371723538965918764947214066007370360710727194 37824$
$R = 51.17495$
$P = T_{44} + T_{40} - T_{32} - T_{28} - T_{24} - T_{22} - T_{18} + T_{10} + T_6 + T_4 + 1$

$\mathbf{d = 44; r_1 = 38}$;
$\mathrm{Disc} = -32228932629376284405477713473893718154864150599456736604126107453828623866 2656$
$R = 57.74987$
$P = T_{44} + T_{38} - T_{36} - T_{32} - T_{30} - 2T_{26} - T_{20} + T_{18} - T_{16} + T_{14} - T_{10} + 2T_8 - T_6 + T_2 - 1$

$\mathbf{d = 44; r_1 = 40}$;
$\mathrm{Disc} = 23468323370130850624975043249153376683382344437455180749792224313009691154 18624$
$R = 60.41535$
$P = T_{44} + 10T_{42} + 42T_{40} + 103T_{38} + 151T_{36} + 14T_{34} - 685T_{32} - 2553T_{30} - 6342T_{28} - 12681T_{26} - 21704 \times T_{24} - 32671T_{22} - 43794T_{20} - 52486T_{18} - 56022T_{16} - 52527T_{14} - 41873T_{12} - 26088T_{10} - 8993T_8 + 4967 \times T_6 + 12260T_4 + 11634T_2 + 4682$

$\mathbf{d = 44; r_1 = 42}$;
$\mathrm{Disc} = -20650890960343634072352381414854787633488866337323848061931427569689637529716 7299$
$R = 66.88666$
$P = x^{44} + 6x^{43} - 293x^{42} + 86x^{41} + 13141x^{40} - 13794x^{39} - 218799x^{38} + 229683x^{37} + 1820139x^{36} - 1498308 \times x^{35} - 9235744x^{34} + 4783253x^{33} + 31519219x^{32} - 6083973x^{31} - 75617335x^{30} - 9677050x^{29} + 128951345 \times x^{28} + 58318655x^{27} - 152905153x^{26} - 127209953x^{25} + 114717351x^{24} + 169235400x^{23} - 31776103x^{22} -$

$148581186x^{21} - 37848793x^{20} + 83704569x^{19} + 56423256x^{18} - 24230934x^{17} - 37402579x^{16} - 2867578 \times x^{15} + 14106148x^{14} + 5957620x^{13} - 2510020x^{12} - 2530926x^{11} - 196063x^{10} + 491945x^{9} + 192340x^{8} - 20748 \times x^{7} - 33137x^{6} - 7636x^{5} + 881x^{4} + 847x^{3} + 198x^{2} + 22x + 1$

$\mathbf{d = 44; r_1 = 44}$;

Disc $= 1813757644264423327760507498284348429192018923561448792611481621861457824707031 25$

$R = 66.68968$

$P = T_{44} + T_{43} - T_{42} - T_{41} - T_{39} - T_{38} + T_{37} + T_{36} + T_{34} + T_{33} - T_{32} - T_{31} - T_{29} - T_{28} + T_{27} + T_{26} + T_{24} + T_{23} - T_{22} - 2T_{21} - T_{20} + T_{17} + 2T_{16} + T_{15} - T_{12} - 2T_{11} - T_{10} + T_{7} + 2T_{6} + T_{5} - T_{2} - 2T_{1} - 1$

$\mathbf{d = 45; r_1 = 1}$;

Disc = 158241041612276585140662144514894412469682291178482350162 77

$R = 19.64799$

$P = x^{45} + 4x^{44} - 15x^{42} + 6x^{41} + 69x^{40} + 13x^{39} - 176x^{38} - 113x^{37} + 329x^{36} + 423x^{35} - 561x^{34} - 1363 \times x^{33} + 587x^{32} + 3203x^{31} + 286x^{30} - 5264x^{29} - 2332x^{28} + 6422x^{27} + 4895x^{26} - 6567x^{25} - 7091x^{24} + 6809 \times x^{23} + 8620x^{22} - 8049x^{21} - 9592x^{20} + 9901x^{19} + 9859x^{18} - 11184x^{17} - 8917x^{16} + 10997x^{15} + 6573x^{14} - 9190 \times x^{13} - 3536x^{12} + 6318x^{11} + 1047x^{10} - 3392x^{9} + 165x^{8} + 1312x^{7} - 349x^{6} - 308x^{5} + 170x^{4} + 16x^{3} - 34x^{2} + 10x - 1$

$\mathbf{d = 45; r_1 = 3}$;

Disc = $-98183164757577554416474763288614558099021433825018685838 75$

$R = 19.44070$

$P = x^{45} + 11x^{44} + 66x^{43} + 280x^{42} + 928x^{41} + 2524x^{40} + 5772x^{39} + 11161x^{38} + 17930x^{37} + 22283 \times x^{36} + 15248x^{35} - 18592x^{34} - 99451x^{33} - 245668x^{32} - 461292x^{31} - 720196x^{30} - 952628x^{29} - 1042497x^{28} - 842702x^{27} - 210490x^{26} + 943773x^{25} + 2609497x^{24} + 4649454x^{23} + 6809206x^{22} + 8765895x^{21} + 10204602 \times x^{20} + 10898296x^{19} + 10764349x^{18} + 9878781x^{17} + 8445375x^{16} + 6733314x^{15} + 5006741x^{14} + 3469107 \times x^{13} + 2235921x^{12} + 1336952x^{11} + 738914x^{10} + 375622x^{9} + 174486x^{8} + 73430x^{7} + 27672x^{6} + 9189x^{5} + 2627 \times x^{4} + 624x^{3} + 116x^{2} + 15x + 1$

$\mathbf{d = 45; r_1 = 5}$;

Disc = 686241422875533975989890039528698528616774038290755889921 68697

$R = 23.66704$

$P = x^{45} - 17x^{43} + 3x^{42} + 150x^{41} - 49x^{40} - 903x^{39} + 389x^{38} + 4033x^{37} - 2127x^{36} - 14066x^{35} + 8682 \times x^{34} + 39364x^{33} - 27744x^{32} - 89811x^{31} + 71693x^{30} + 168402x^{29} - 153123x^{28} - 259620x^{27} + 273781 \times x^{26} + 325963x^{25} - 411936x^{24} - 324260x^{23} + 521005x^{22} + 237120x^{21} - 549696x^{20} - 94230x^{19} + 475796 \times x^{18} - 40741x^{17} - 327052x^{16} + 112635x^{15} + 166640x^{14} - 111088x^{13} - 51387x^{12} + 68479x^{11} - 1091x^{10} - 26097 \times x^{9} + 10038x^{8} + 4192x^{7} - 4431x^{6} + 880x^{5} + 500x^{4} - 371x^{3} + 108x^{2} - 16x + 1$

$\mathbf{d = 45; r_1 = 7}$;

Disc = $-40682270425311553092901987546359254597379176543035093350793879 9$

$R = 24.62182$

$P = x^{45} + x^{44} - 19x^{43} - 25x^{42} + 154x^{41} + 272x^{40} - 649x^{39} - 1678x^{38} + 1116x^{37} + 6303x^{36} + 2631x^{35} - 13578 \times x^{34} - 21060x^{33} + 8358x^{32} + 57686x^{31} + 43221x^{30} - 74322x^{29} - 149777x^{28} - 8830x^{27} + 220129x^{26} + 202852 \times x^{25} - 105572x^{24} - 336709x^{23} - 178051x^{22} + 205384x^{21} + 357433x^{20} + 107208x^{19} - 224305x^{18} - 266987 \times x^{17} - 45444x^{16} + 147075x^{15} + 143529x^{14} + 24916x^{13} - 58667x^{12} - 56860x^{11} - 15679x^{10} + 12074x^{9} + 14645 \times x^{8} + 6400x^{7} + 108x^{6} - 1616x^{5} - 1119x^{4} - 430x^{3} - 104x^{2} - 15x - 1$

$\mathbf{d = 45; r_1 = 9}$;

Disc = 1341073848144351850002818521732030280849334575691849898319116237

$R = 25.28321$

$P = x^{45} - 14x^{43} + 82x^{41} - 20x^{40} - 272x^{39} + 237x^{38} + 626x^{37} - 1201x^{36} - 1170x^{35} + 3651x^{34} + 1661 \times x^{33} - 8211x^{32} - 837x^{31} + 15688x^{30} - 4604x^{29} - 26548x^{28} + 20176x^{27} + 37307x^{26} - 49450x^{25} - 37603 \times x^{24} + 84930x^{23} + 17618x^{22} - 105741x^{21} + 16402x^{20} + 94821x^{19} - 41371x^{18} - 60124x^{17} + 41320x^{16} + 27676 \times x^{15} - 25306x^{14} - 12157x^{13} + 12146x^{12} + 7061x^{11} - 7178x^{10} - 3040x^{9} + 4582x^{8} - 173x^{7} - 1698x^{6} + 767 \times x^{5} + 105x^{4} - 206x^{3} + 79x^{2} - 14x + 1$

$\mathbf{d = 45; r_1 = 11}$;

Disc = $-70553863488835976329091833399138005780284258896864864858655835 31$

$R = 26.23349$

$P = x^{45} + 6x^{44} - 5x^{43} - 83x^{42} - 34x^{41} + 528x^{40} + 365x^{39} - 2250x^{38} - 1493x^{37} + 7436x^{36} + 3349x^{35} - 20091 \times x^{34} - 2483x^{33} + 44572x^{32} - 11909x^{31} - 78797x^{30} + 57328x^{29} + 102720x^{28} - 143364x^{27} - 75220x^{26} + 243877 \times x^{25} - 38844x^{24} - 285143x^{23} + 213689x^{22} + 193485x^{21} - 340287x^{20} + 11627x^{19} + 307169x^{18} - 192842 \times x^{17} - 130949x^{16} + 220099x^{15} - 40029x^{14} - 114744x^{13} + 89520x^{12} + 8532x^{11} - 47204x^{10} + 22974x^{9} + 5053 \times x^{8} - 10444x^{7} + 4230x^{6} + 308x^{5} - 1043x^{4} + 500x^{3} - 125x^{2} + 17x - 1$

$\mathbf{d = 45; r_1 = 13}$;

Disc = 36500913077434674437417420058557407789676441055947914257172161 5869

$R = 28.63783$

$P = x^{45} + 3x^{44} - 23x^{43} + 34x^{42} - 97x^{41} - 144x^{40} + 824x^{39} + 39x^{38} + 1077x^{37} + 2661x^{36} - 10702 \times x^{35} - 16073x^{34} - 10312x^{33} - 6072x^{32} + 81299x^{31} + 184965x^{30} + 122842x^{29} - 72759x^{28} - 439439x^{27} - 851144 \times x^{26} - 694892x^{25} + 124387x^{24} + 1030912x^{23} + 1582776x^{22} + 1296219x^{21} + 39576x^{20} - 1261390x^{19} - 1675391 \times x^{18} - 1186178x^{17} - 211777x^{16} + 693370x^{15} + 993003x^{14} + 666801x^{13} + 160642x^{12} - 170331x^{11} - 259549 \times x^{10} - 186512x^{9} - 67486x^{8} + 9469x^{7} + 27764x^{6} + 17826x^{5} + 6719x^{4} + 1645x^{3} + 259x^{2} + 24x + 1$

$\mathbf{d = 45; r_1 = 15}$;

Disc $= -802508572145513623240107144300438358775124695289516724226431282431 1$

$R = 30.67366$

$P = x^{45} - 15x^{43} - 36x^{42} + 105x^{41} + 504x^{40} - 629x^{39} - 3276x^{38} + 3627x^{37} + 13236x^{36} - 16575x^{35} - 37620 \times x^{34} + 58176x^{33} + 80784x^{32} - 168322x^{31} - 123811x^{30} + 417758x^{29} + 55522x^{28} - 836593x^{27} + 387513 \times x^{26} + 1163538x^{25} - 1364450x^{24} - 749901x^{23} + 2324590x^{22} - 707661x^{21} - 2107880x^{20} + 2203979x^{19} + 449450 \times x^{18} - 2212680x^{17} + 1164100x^{16} + 800214x^{15} - 1297715x^{14} + 384965x^{13} + 443102x^{12} - 470472x^{11} + 108037 \times x^{10} + 111964x^9 - 105266x^8 + 31185x^7 + 7792x^6 - 11237x^5 + 5188x^4 - 1404x^3 + 236x^2 - 23x + 1$

$\mathbf{d = 45; r_1 = 17}$;

Disc $= 19771772792842496293203080095058238006373207522007193390675684308029$

$R = 31.29448$

$P = x^{45} + 2x^{44} - 31x^{43} - 40x^{42} + 425x^{41} + 319x^{40} - 3456x^{39} - 1041x^{38} + 18671x^{37} - 1820x^{36} - 70416 \times x^{35} + 33525x^{34} + 187260x^{33} - 164746x^{32} - 338501x^{31} + 481489x^{30} + 351835x^{29} - 928748x^{28} + 4769 \times x^{27} + 1164993x^{26} - 677977x^{25} - 796931x^{24} + 1134443x^{23} - 44609x^{22} - 869644x^{21} + 635164x^{20} + 135922 \times x^{19} - 506332x^{18} + 309586x^{17} + 43877x^{16} - 208919x^{15} + 153082x^{14} - 20596x^{13} - 60725x^{12} + 61203 \times x^{11} - 22394x^{10} - 8188x^9 + 14962x^8 - 8206x^7 + 1233x^6 + 1336x^5 - 1144x^4 + 467x^3 - 114x^2 + 16x - 1$

$\mathbf{d = 45; r_1 = 19}$;

Disc $= -2381883837473642188088016677028336658841420518055755465397066331668507$

$R = 34.81043$

$P = x^{45} - 15x^{43} + 16x^{42} + 105x^{41} - 224x^{40} - 340x^{39} + 1456x^{38} - 130x^{37} - 5341x^{36} + 5967x^{35} + 10220 \times x^{34} - 26602x^{33} - 154x^{32} + 61677x^{31} - 56063x^{30} - 71005x^{29} + 162683x^{28} - 17341x^{27} - 237783x^{26} + 210882 \times x^{25} + 156800x^{24} - 373422x^{23} + 81410x^{22} + 340158x^{21} - 296527x^{20} - 127657x^{19} + 321727x^{18} - 77316 \times x^{17} - 189392x^{16} + 143062x^{15} + 48820x^{14} - 100291x^{13} + 15773x^{12} + 40220x^{11} - 20756x^{10} - 8135x^9 + 9294 \times x^8 - 267x^7 - 2203x^6 + 557x^5 + 248x^4 - 116x^3 - 4x^2 + 8x - 1$

$\mathbf{d = 45; r_1 = 21}$;

Disc $= 5754275539096847017441809190256110733286144733627915649828846094046741$

$R = 35.49948$

$P = x^{45} + x^{44} - 26x^{43} - 18x^{42} + 309x^{41} + 137x^{40} - 2209x^{39} - 596x^{38} + 10618x^{37} + 1895x^{36} - 36653x^{35} - 6230 \times x^{34} + 95305x^{33} + 22895x^{32} - 193159x^{31} - 73971x^{30} + 310750x^{29} + 185444x^{28} - 396847x^{27} - 356514 \times x^{26} + 393672x^{25} + 533177x^{24} - 286472x^{23} - 628657x^{22} + 129987x^{21} + 590867x^{20} - 9114x^{19} - 450718 \times x^{18} - 34665x^{17} + 290697x^{16} + 27902x^{15} - 169141x^{14} - 16541x^{13} + 90924x^{12} + 15094x^{11} - 40704x^{10} - 13324 \times x^9 + 12031x^8 + 7096x^7 - 1260x^6 - 1893x^5 - 342x^4 + 154x^3 + 83x^2 + 15x + 1$

$\mathbf{d = 45; r_1 = 23}$;

Disc $= -2471462210249339575479885478465887380378213938893441005802580470022818 11$

$R = 38.59314$

$P = T_{45} + T_{43} + T_{41} + T_{39} + T_{37} + T_{35} + T_{33} + T_{31} + T_{30} + T_{29} + T_{28} + T_{27} + T_{26} + 2T_{25} + T_{24} + 2T_{23} + 2 \times T_{21} + 2T_{19} + 2T_{17} + 2T_{15} + 2T_{13} + 2T_{11} + T_{10} + T_9 + T_8 + T_6 + T_4 - 1$

$\mathbf{d = 45; r_1 = 25}$;

Disc $= 19455557407685490351431954123373503618446971396417229577910343768635250769$

$R = 42.52511$

$P = T_{45} + T_{44} + 2T_{43} + 2T_{42} + 3T_{41} + 3T_{40} + 4T_{39} + 3T_{38} + 4T_{37} + 3T_{36} + 3T_{35} + 2T_{34} + 2T_{33} + T_{32} + 3 \times T_{31} + 2T_{30} + 4T_{29} + 4T_{28} + 6T_{27} + 6T_{26} + 8T_{25} + 6T_{24} + 8T_{23} + 5T_{22} + 6T_{21} + 3T_{20} + 3T_{19} + T_{18} + 3 \times T_{17} + T_{16} + 3T_{15} + 2T_{14} + 4T_{13} + 4T_{12} + 5T_{11} + 3T_{10} + 4T_9 + 2T_8 + 2T_7 - T_5 - 2T_4 - T_3 - 2T_2 - T_1 - 1$

$\mathbf{d = 45; r_1 = 27}$;

Disc $= -1115023756384119144947265109569781364284125546977057565137285188200928247$

$R = 39.90715$

$P = T_{45} + T_{44} + 11T_{43} + 11T_{42} + 67T_{41} + 65T_{40} + 294T_{39} + 275T_{38} + 1033T_{37} + 929T_{36} + 3068T_{35} + 2645 \times T_{34} + 7970T_{33} + 6568T_{32} + 18564T_{31} + 14599T_{30} + 39494T_{29} + 29613T_{28} + 77724T_{27} + 55519T_{26} + 142582 \times T_{25} + 96925T_{24} + 244782T_{23} + 158218T_{22} + 393973T_{21} + 242033T_{20} + 594824T_{19} + 347357T_{18} + 842369 \times T_{17} + 467803T_{16} + 1118040T_{15} + 590756T_{14} + 1388216T_{13} + 698003T_{12} + 1606877T_{11} + 768186T_{10} + 1722982 \times T_9 + 780900T_8 + 1691631T_7 + 721621T_6 + 1486385T_5 + 586122T_4 + 1109008T_3 + 382983T_2 + 593132T_1 + 133207$

$\mathbf{d = 45; r_1 = 29}$;

Disc $= 1612427041969473271515757705340914115778661385179708644019074913322893492393$

$R = 46.91129$

$P = T_{45} + 2T_{44} + 3T_{43} + 3T_{42} + 2T_{41} + T_{40} + T_{39} + T_{38} + T_{37} - T_{35} - T_{34} + 2T_{29} + 4T_{28} + 5T_{27} + 4 \times T_{26} + 3T_{25} + 2T_{24} + 2T_{23} + T_{22} - T_{20} - T_{19} - T_{18} + T_{16} + 3T_{15} + 4T_{14} + 4T_{13} + 3T_{12} + 3T_{11} + 3T_{10} + 3 \times T_9 + T_8 - T_7 - 2T_6 - 2T_5 - 2T_4 - 2T_3 - 2T_2 - T_1$

$\mathbf{d = 45; r_1 = 31}$;

Disc $= -282053183411845714804759042943047319580054679568546187815813016913007231145 87$

$R = 49.99151$

$P = T_{45} - T_{43} - T_{42} + T_{40} + T_{33} - T_{31} - 2T_{30} + 2T_{28} + 2T_{24} - 2T_{22} + T_{21} - T_{19} - 2T_{18} + 2T_{16} - T_{15} + T_{13} + 3 \times T_{12} - 3T_{10} - T_9 + T_7 - 2T_6 + 2T_4 - T_3 + T_1 + 5$

$\mathbf{d = 45; r_1 = 33}$;

Disc $= 1342307948310039051086291048241355939210605287811760176984959991362055586 33$

$R = 44.39005$

$P = x^{45} + x^{44} - 33x^{43} - 47x^{42} + 388x^{41} + 769x^{40} - 1838x^{39} - 5737x^{38} + 978x^{37} + 19394x^{36} + 20744 \times x^{35} - 9314x^{34} - 56670x^{33} - 147371x^{32} - 52316x^{31} + 520877x^{30} + 526245x^{29} - 733798x^{28} - 1107205 \times x^{27} - 9891x^{26} + 929918x^{25} + 1977292x^{24} + 437637x^{23} - 4169827x^{22} - 2146628x^{21} + 5133898x^{20} + 2926749 \times x^{19} - 4421602x^{18} - 2469281x^{17} + 2825425x^{16} + 1462377x^{15} - 1372046x^{14} - 633404x^{13} + 510067x^{12} + 202846 \times x^{11} - 144541x^{10} - 47663x^9 + 30731x^8 + 8005x^7 - 4752x^6 - 911x^5 + 505x^4 + 63x^3 - 33x^2 - 2x + 1$

$\mathbf{d = 45; r_1 = 35}$;

Disc $= -700917882732640531374279943081230002513588495183503247966608147523554901637007$

$R = 53.69127$

$P = T_{45} + T_{44} - T_{43} - T_{42} + T_{41} - 2T_{39} + T_{37} - T_{36} + 2T_{34} - T_{32} + T_{31} - T_{30} - 3T_{29} + T_{28} + 3T_{27} - T_{26} - T_{25} + 3 \times T_{24} + T_{23} - 2T_{22} - 3T_{19} + 3T_{17} - T_{16} - T_{15} + 4T_{14} + T_{13} - 5T_{12} - T_{11} + 3T_{10} - T_9 - 2T_8 + 2T_7 + T_6 - T_5 + 2 \times T_4 + T_3 - 4T_2 - 2T_1 + 3$

$\mathbf{d = 45; r_1 = 37}$;

Disc $= 1937835715303735665867303690285738006677030475772216403453335807753809394639 2989$

$R = 57.80167$

$P = T_{45} + T_{41} + T_{38} - T_{36} + T_{34} + 2T_{31} - T_{29} + T_{27} - T_{26} + 2T_{24} - T_{22} + T_{21} + T_{20} - T_{19} + 2T_{17} - T_{16} - 2 \times T_{15} + T_{14} + T_{13} - T_{12} + T_{11} + 3T_{10} - 2T_9 - 2T_8 + T_7 - 2T_5 + T_4 + 3T_3 - 2T_2 - T_1 + 2$

$\mathbf{d = 45; r_1 = 39}$;

Disc $= -409501170549599022266835797923347153250876890930298377736658916553032985192563 6639$

$R = 65.10370$

$P = T_{45} - T_{43} - 2T_{36} + 2T_{34} - T_{30} + T_{28} + 3T_{27} - 3T_{25} + 4T_{21} - 4T_{19} - T_{18} + T_{16} + 3T_{15} - 3T_{13} - 4 \times T_{12} + 4T_{10} + T_9 - T_7 - 5T_6 + 5T_4 + 3T_3 - 3T_1 - 3$

$\mathbf{d = 45; r_1 = 41}$;

Disc $= 3596228668862289187831996554716222528025390210209140467404293783198350236864341218241$

$R = 75.68657$

$P = T_{45} + 2T_{44} + 2T_{43} + T_{42} - 2T_{41} - 6T_{40} - 8T_{39} - 9T_{38} - 9T_{37} - 5T_{36} + 3T_{34} + 7T_{33} + 12T_{32} + 13T_{31} + 13 \times T_{30} + 13T_{29} + 8T_{28} + 2T_{27} - 3T_{25} - 5T_{24} + T_{23} + 8T_{22} + 10T_{21} + 14T_{20} + 19T_{19} + 18T_{18} + 18T_{17} + 19T_{16} + 14 \times T_{15} + 10T_{14} + 10T_{13} + 7T_{12} + 5T_{11} + 9T_{10} + 12T_9 + 11T_8 + 12T_7 + 13T_6 + 10T_5 + 9T_4 + 9T_3 + 6T_2 + 5T_1 + 5$

$\mathbf{d = 45; r_1 = 43}$;

Disc $= -197365406655372932014483624321791119514384097123978624089153393398119873990682463 2907$

$R = 74.68412$

$P = T_{45} - T_{43} + T_{42} - T_{40} - T_{36} + T_{34} - 2T_{33} + 2T_{31} - 2T_{30} + 2T_{28} - T_{27} + T_{25} - T_{24} + T_{22} - T_{21} + T_{19} + T_9 - T_7 + T_6 - T_4 + 2T_3 - 2T_1 + 3$

$\mathbf{d = 45; r_1 = 45}$;

Disc $= 2776249127832340359866116572942353968791330375413707378763665744112777859509871158 40109$

$R = 83.36154$

$P = T_{45} + 2T_{44} - 9T_{43} - 56T_{42} - 165T_{41} - 263T_{40} - 19T_{39} + 1424T_{38} + 5595T_{37} + 14347T_{36} + 28937 \times T_{35} + 47356T_{34} + 61971T_{33} + 55122T_{32} - 192T_{31} - 140059T_{30} - 397850T_{29} - 793010T_{28} - 1310801T_{27} - 1887855T_{26} - 2409430T_{25} - 2710180T_{24} - 2619440T_{23} - 1971619T_{22} - 692773T_{21} + 1230974T_{20} + 3672574 \times T_{19} + 6483608T_{18} + 9445844T_{17} + 12430707T_{16} + 15354885T_{15} + 18240675T_{14} + 21174158T_{13} + 24160965 \times T_{12} + 27219989T_{11} + 30044213T_{10} + 32434364T_9 + 33796619T_8 + 33971433T_7 + 32503573T_6 + 29674338 \times T_5 + 25478900T_4 + 20602362T_3 + 15267008T_2 + 10035860T_1 + 4924086$

$\mathbf{d = 46; r_1 = 0}$;

Disc $= -693358422836071888126866500289239545369664060992954976349 59$

$R = 19.01741$

$P = x^{46} + 12x^{45} + 79x^{44} + 373x^{43} + 1406x^{42} + 4476x^{41} + 12456x^{40} + 31004x^{39} + 70152x^{38} + 146025 \times x^{37} + 282170x^{36} + 509742x^{35} + 865705x^{34} + 1388408x^{33} + 2110444x^{32} + 3049521x^{31} + 4199034x^{30} + 5520684 \times x^{29} + 6941702x^{28} + 8358597x^{27} + 9647995x^{26} + 10683400x^{25} + 11354866x^{24} + 11587535x^{23} + 11354866 \times x^{22} + 10683400x^{21} + 9647995x^{20} + 8358597x^{19} + 6941702x^{18} + 5520684x^{17} + 4199034x^{16} + 3049521 \times x^{15} + 2110444x^{14} + 1388408x^{13} + 865705x^{12} + 509742x^{11} + 282170x^{10} + 146025x^{9} + 70152x^{8} + 31004 \times x^{7} + 12456x^{6} + 4476x^{5} + 1406x^{4} + 373x^{3} + 79x^{2} + 12x + 1$

$\mathbf{d = 46; r_1 = 2}$;

Disc $= 356023736593938723399483634476414018516482586682380928847 29$

$R = 18.74383$

$P = x^{46} + x^{45} + 6x^{44} + 6x^{43} + 20x^{42} + 20x^{41} + 49x^{40} + 50x^{39} + 99x^{38} + 105x^{37} + 175x^{36} + 193x^{35} + 278 \times x^{34} + 315x^{33} + 402x^{32} + 463x^{31} + 534x^{30} + 619x^{29} + 657x^{28} + 759x^{27} + 753x^{26} + 857x^{25} + 806x^{24} + 893 \times x^{23} + 806x^{22} + 857x^{21} + 753x^{20} + 759x^{19} + 657x^{18} + 619x^{17} + 534x^{16} + 463x^{15} + 402x^{14} + 315x^{13} + 278 \times x^{12} + 193x^{11} + 175x^{10} + 105x^{9} + 99x^{8} + 50x^{7} + 49x^{6} + 20x^{5} + 20x^{4} + 6x^{3} + 6x^{2} + x + 1$

$\mathbf{d = 46; r_1 = 4}$;

Disc $= -130826880086544044090011903749696624295402346707912879664306 27$

$R = 21.31198$

$P = x^{46} + 23x^{45} + 274x^{44} + 2233x^{43} + 13910x^{42} + 70273x^{41} + 298614x^{40} + 1093731x^{39} + 3513337x^{38} + 10025160x^{37} + 25658962x^{36} + 59351636x^{35} + 124812660x^{34} + 239775990x^{33} + 422480644x^{32} + 685105566 \times x^{31} + 1025705983x^{30} + 1422132459x^{29} + 1831951257x^{28} + 2200361863x^{27} + 2474017662x^{26} + 2614964400 \times x^{25} + 2608520908x^{24} + 2462621031x^{23} + 2201342685x^{22} + 1857939625x^{21} + 1470676760x^{20} + 1080384298 \times x^{19} + 726351288x^{18} + 439249073x^{17} + 233962189x^{16} + 107064384x^{15} + 41153539x^{14} + 13653136x^{13} + 5104571x^{12} + 3251963x^{11} + 2627202x^{10} + 1850833x^{9} + 1050137x^{8} + 480215x^{7} + 177876x^{6} + 53149 \times x^{5} + 12595x^{4} + 2287x^{3} + 299x^{2} + 25x + 1$

$\mathbf{d = 46; r_1 = 6}$;

Disc $= 228671936454452526593132657693950331032590436564648530308 64481$

$R = 21.57227$

$P = x^{46} + 23x^{45} + 267x^{44} + 2079x^{43} + 12176x^{42} + 57036x^{41} + 221917x^{40} + 735343x^{39} + 2111090 \times x^{38} + 5313350x^{37} + 11814242x^{36} + 23299791x^{35} + 40759943x^{34} + 62923970x^{33} + 84545382x^{32} + 95710378x^{31} + 83626964x^{30} + 37643176x^{29} - 43625183x^{28} - 146442436x^{27} - 241811890x^{26} - 293791543x^{25} - 274545638 \times x^{24} - 179384266x^{23} - 33031040x^{22} + 118195031x^{21} + 225800888x^{20} + 260269100x^{19} + 222417568x^{18} + 139241105x^{17} + 47933735x^{16} - 21754855x^{15} - 57384335x^{14} - 62906986x^{13} - 50766164x^{12} - 33409148 \times x^{11} - 18563481x^{10} - 8823072x^{9} - 3597494x^{8} - 1253854x^{7} - 370177x^{6} - 91177x^{5} - 18302x^{4} - 2887 \times x^{3} - 337x^{2} - 26x - 1$

$\mathbf{d = 46; r_1 = 8}$;

Disc $= -390323140606304090704772121257739295616985714938195827196576279$

$R = 22.94474$

$P = x^{46} + 12x^{45} + 75x^{44} + 333x^{43} + 1185x^{42} + 3583x^{41} + 9527x^{40} + 22786x^{39} + 49790x^{38} + 100529 \times x^{37} + 189158x^{36} + 333886x^{35} + 555730x^{34} + 875841x^{33} + 1311410x^{32} + 1870641x^{31} + 2547716x^{30} + 3319028 \times x^{29} + 4142021x^{28} + 4957571x^{27} + 5696165x^{26} + 6287167x^{25} + 6669542x^{24} + 6801885x^{23} + 6669542 \times x^{22} + 6287167x^{21} + 5696165x^{20} + 4957571x^{19} + 4142021x^{18} + 3319028x^{17} + 2547716x^{16} + 1870641 \times x^{15} + 1311410x^{14} + 875841x^{13} + 555730x^{12} + 333886x^{11} + 189158x^{10} + 100529x^{9} + 49790x^{8} + 22786 \times x^{7} + 9527x^{6} + 3583x^{5} + 1185x^{4} + 333x^{3} + 75x^{2} + 12x + 1$

$\mathbf{d = 46; r_1 = 10}$;

Disc $= 16355670051693899399785115041805121891240493794926124726366301681$

$R = 24.88567$

$P = x^{46} + 11x^{45} + 29x^{44} - 102x^{43} - 643x^{42} - 377x^{41} + 4050x^{40} + 7844x^{39} - 10651x^{38} - 43847x^{37} - 562 \times x^{36} + 142299x^{35} + 108654x^{34} - 307453x^{33} - 491848x^{32} + 377377x^{31} + 1382152x^{30} + 239933x^{29} - 2606137 \times x^{28} - 2462719x^{27} + 2787430x^{26} + 6143490x^{25} + 84261x^{24} - 8564092x^{23} - 5657846x^{22} + 6427865x^{21} + 9754082x^{20} - 520434x^{19} - 8613667x^{18} - 4192562x^{17} + 3774618x^{16} + 4501322x^{15} + 128305x^{14} - 2166854 \times x^{13} - 1086791x^{12} + 338751x^{11} + 532361x^{10} + 140828x^{9} - 77114x^{8} - 67001x^{7} - 14910x^{6} + 4410x^{5} + 3994 \times x^{4} + 1287x^{3} + 231x^{2} + 23x + 1$

$\mathbf{d = 46; r_1 = 12}$;

Disc $= -463339089669017350587141977487050246086546943960941076017833 68951$

$R = 25.45543$
$P = x^{46} + 23x^{45} + 249x^{44} + 1683x^{43} + 7893x^{42} + 26691x^{41} + 63691x^{40} + 88961x^{39} - 37839x^{38} - 641877 \times x^{37} - 2140875x^{36} - 4519689x^{35} - 6273048x^{34} - 3387012x^{33} + 10126075x^{32} + 38480070x^{31} + 77541253 \times x^{30} + 109866515x^{29} + 108422080x^{28} + 52326985x^{27} - 52694801x^{26} - 165935948x^{25} - 228602536x^{24} - 200218517x^{23} - 89009574x^{22} + 49390905x^{21} + 146769655x^{20} + 164827840x^{19} + 113743340x^{18} + 36495901 \times x^{17} - 23917130x^{16} - 48147736x^{15} - 42179623x^{14} - 23561844x^{13} - 6931458x^{12} + 1966281x^{11} + 4268154 \times x^{10} + 3372651x^{9} + 1862316x^{8} + 798300x^{7} + 273668x^{6} + 75253x^{5} + 16374x^{4} + 2734x^{3} + 331x^{2} + 26x + 1$

$\mathbf{d = 46; r_1 = 14}$;
Disc $= 659643123520848747833875434823634158827919409493470963956799335644 1$
$R = 28.35265$
$P = x^{46} + 8x^{45} + 24x^{44} + 30x^{43} - 80x^{42} - 761x^{41} - 2308x^{40} - 1047x^{39} + 12724x^{38} + 36332x^{37} + 20614 \times x^{36} - 101837x^{35} - 264112x^{34} - 165344x^{33} + 431674x^{32} + 1109780x^{31} + 797602x^{30} - 1012493x^{29} - 2944614 \times x^{28} - 2476374x^{27} + 1146616x^{26} + 5059617x^{25} + 5045201x^{24} + 186387x^{23} - 5470324x^{22} - 6720204x^{21} - 2494008x^{20} + 3228923x^{19} + 5641215x^{18} + 3565383x^{17} - 299203x^{16} - 2658258x^{15} - 2460731x^{14} - 898246 \times x^{13} + 411200x^{12} + 796288x^{11} + 537588x^{10} + 163818x^{9} - 44652x^{8} - 85973x^{7} - 56711x^{6} - 24367x^{5} - 7467 \times x^{4} - 1639x^{3} - 247x^{2} - 23x - 1$

$\mathbf{d = 46; r_1 = 16}$;
Disc $= -1298634308642324444546118036476638479892748316694839167840729035424 59$
$R = 30.25018$
$P = x^{46} + 4x^{45} - 26x^{44} - 156x^{43} + 3x^{42} + 1737x^{41} + 4116x^{40} - 2451x^{39} - 28486x^{38} - 47056x^{37} + 24477 \times x^{36} + 214839x^{35} + 308903x^{34} - 74802x^{33} - 911885x^{32} - 1291369x^{31} - 88145x^{30} + 2347853x^{29} + 3573735 \times x^{28} + 1240884x^{27} - 3646346x^{26} - 6584255x^{25} - 3876473x^{24} + 2925400x^{23} + 7880530x^{22} + 6463465 \times x^{21} + 65911x^{20} - 5636254x^{19} - 6327998x^{18} - 2583782x^{17} + 1721356x^{16} + 3461026x^{15} + 2452135x^{14} + 494955 \times x^{13} - 769220x^{12} - 946613x^{11} - 536527x^{10} - 115197x^{9} + 83234x^{8} + 104307x^{7} + 62765x^{6} + 25781x^{5} + 7692 \times x^{4} + 1661x^{3} + 248x^{2} + 23x + 1$

$\mathbf{d = 46; r_1 = 18}$;
Disc $= 1187381920704676613510104045925698953928653468263553905723732675406 49$
$R = 30.19134$
$P = x^{46} + 21x^{45} + 190x^{44} + 924x^{43} + 2228x^{42} - 363x^{41} - 19813x^{40} - 56182x^{39} - 30848x^{38} + 208640x^{37} + 572169x^{36} + 309012x^{35} - 1367872x^{34} - 3179516x^{33} - 1281506x^{32} + 5718468x^{31} + 10639789x^{30} + 2852505 \times x^{29} - 15134349x^{28} - 22702770x^{27} - 4201476x^{26} + 25357672x^{25} + 32316984x^{24} + 5693125x^{23} - 26837025 \times x^{22} - 31676465x^{21} - 7677821x^{20} + 17406819x^{19} + 21395641x^{18} + 7729711x^{17} - 6103467x^{16} - 9440166 \times x^{15} - 4733125x^{14} + 522138x^{13} + 2351697x^{12} + 1548272x^{11} + 328472x^{10} - 218880x^{9} - 217336x^{8} - 82135 \times x^{7} - 7028x^{6} + 8323x^{5} + 4811x^{4} + 1375x^{3} + 235x^{2} + 23x + 1$

$\mathbf{d = 46; r_1 = 20}$;
Disc $= -9452141896623860891812108240635707727144263228146432512720380658538139$
$R = 33.20528$
$P = x^{46} + 12x^{45} + 34x^{44} - 130x^{43} - 1146x^{42} - 2897x^{41} + 148x^{40} + 19298x^{39} + 46869x^{38} + 16124 \times x^{37} - 154304x^{36} - 352519x^{35} - 149809x^{34} + 733669x^{33} + 1544751x^{32} + 650068x^{31} - 2287612x^{30} - 4360562 \times x^{29} - 1683425x^{28} + 4909227x^{27} + 8349639x^{26} + 2848692x^{25} - 7401345x^{24} - 11125315x^{23} - 3307055 \times x^{22} + 7847252x^{21} + 10398107x^{20} + 2728841x^{19} - 5754526x^{18} - 6771815x^{17} - 1653903x^{16} + 2806510 \times x^{15} + 3003308x^{14} + 751825x^{13} - 838903x^{12} - 863914x^{11} - 248897x^{10} + 124431x^{9} + 144518x^{8} + 52591 \times x^{7} - 1165x^{6} - 9968x^{5} - 5047x^{4} - 1397x^{3} - 236x^{2} - 23x - 1$

$\mathbf{d = 46; r_1 = 22}$;
Disc $= 5074207105950111651620507177370656842638260764876137796968265274475151 36$
$R = 36.20865$
$P = x^{46} - 29x^{44} + 370x^{42} - 2732x^{40} + 12843x^{38} - 39298x^{36} + 73721x^{34} - 56905x^{32} - 92835x^{30} + 323967 \times x^{28} - 353821x^{26} - 61822x^{24} + 712887x^{22} - 1063625x^{20} + 881953x^{18} - 454532x^{16} + 141899x^{14} - 23792 \times x^{12} + 2702x^{10} - 1605x^{8} + 833x^{6} - 201x^{4} + 23x^{2} - 1$

$\mathbf{d = 46; r_1 = 24}$;
Disc $= -5956026943917976658059155748183057733974911418700780435429015220212 0986624$
$R = 40.16090$
$P = x^{46} - 18x^{44} + 28x^{42} + 1741x^{40} - 19888x^{38} + 108772x^{36} - 347084x^{34} + 621653x^{32} - 316781x^{30} - 1222427x^{28} + 3055198x^{26} - 2340823x^{24} - 2016367x^{22} + 6201110x^{20} - 5695700x^{18} + 1762017x^{16} + 808517 \times x^{14} - 677068x^{12} - 6870x^{10} + 85242x^{8} + 7462x^{6} - 6459x^{4} - 2258x^{2} + 1$

$\mathbf{d = 46; r_1 = 26}$;

$\mathrm{Disc} = 1232083316074547784983710777599311618423637457599108311554017523557990400 00$
$R = 40.80056$
$P = x^{46} - 31x^{44} + 433x^{42} - 3611x^{40} + 20081x^{38} - 78767x^{36} + 224877x^{34} - 476147x^{32} + 759125x^{30} - 935490 \times x^{28} + 952521x^{26} - 912421x^{24} + 909301x^{22} - 883496x^{20} + 739699x^{18} - 506243x^{16} + 285114x^{14} - 134101 \times x^{12} + 51742x^{10} - 15474x^{8} + 3313x^{6} - 459x^{4} + 35x^{2} - 1$

$\mathbf{d = 46; r_1 = 28}$;
$\mathrm{Disc} = -2300479987222214820204725605215956951191898699436794568933398297364593115136$
$R = 43.48109$
$P = x^{46} - 33x^{44} + 466x^{42} - 3779x^{40} + 19736x^{38} - 69965x^{36} + 171473x^{34} - 287798x^{32} + 319613x^{30} - 240425 \times x^{28} + 243053x^{26} - 551466x^{24} + 1016466x^{22} - 1176892x^{20} + 844399x^{18} - 330521x^{16} + 5337x^{14} + 73680 \times x^{12} - 45884x^{10} + 15358x^{8} - 3205x^{6} + 417x^{4} - 31x^{2} + 1$

$\mathbf{d = 46; r_1 = 30}$;
$\mathrm{Disc} = 365410668603185903400919773576418639960737898192943174977236097814149527 6417$
$R = 43.92069$
$P = T_{46} - T_{44} - T_{41} + 2T_{40} - 2T_{38} + T_{37} + T_{36} - 2T_{35} + T_{34} - 2T_{32} + 2T_{30} + T_{29} - 2T_{28} + 2T_{26} - 2 \times T_{25} - T_{24} + 4T_{23} - 3T_{22} - T_{21} + 5T_{20} - 4T_{18} + 3T_{17} + T_{16} - 4T_{15} - T_{14} + 5T_{13} - 2T_{12} - 4T_{11} + 6T_{10} + T_{9} - 7 \times T_{8} + 4T_{7} + 2T_{6} - 8T_{5} + 2T_{4} + 5T_{3} - 4T_{2} - T_{1} + 5$

$\mathbf{d = 46; r_1 = 32}$;
$\mathrm{Disc} = -1143616973916111429195899186432436372787067921934234774724177255442014816771 15$
$R = 47.33474$
$P = T_{46} + T_{45} + T_{44} - T_{42} - 2T_{41} - 2T_{40} - T_{39} - T_{38} + T_{36} + 2T_{35} + 3T_{34} + 2T_{33} + T_{32} - 2T_{31} - 2T_{30} - 2 \times T_{29} - T_{28} + T_{25} + T_{23} - T_{21} - T_{20} - T_{19} + T_{18} + T_{17} + 2T_{16} + T_{15} + T_{14} + T_{13} - T_{12} - T_{11} - 3T_{10} - 2 \times T_{9} - 2T_{8} + T_{6} + T_{5} + 2T_{4} + T_{3} + 2T_{2} + T_{1} + 1$

$\mathbf{d = 46; r_1 = 34}$;
$\mathrm{Disc} = 4739450311826376396337632833012265052178199214148592521024835127874069840527 36$
$R = 48.82056$
$P = T_{46} + T_{44} + 2T_{42} + 4T_{40} + 5T_{38} + 7T_{36} + 9T_{34} + 11T_{32} + 14T_{30} + 14T_{28} + 16T_{26} + 19T_{24} + 19T_{22} + 19 \times T_{20} + 19T_{18} + 19T_{16} + 19T_{14} + 16T_{12} + 14T_{10} + 13T_{8} + 10T_{6} + 7T_{4} + 4T_{2} + 1$

$\mathbf{d = 46; r_1 = 36}$;
$\mathrm{Disc} = -1214622697656761776644478275653569988370096348508835007447402901288766658901 44256$
$R = 55.07647$
$P = T_{46} - 2T_{44} + 2T_{42} - T_{40} + T_{38} - T_{36} + T_{32} - T_{30} + T_{28} - T_{26} + T_{24} + T_{12} - T_{10} + T_{4} - T_{2}$

$\mathbf{d = 46; r_1 = 38}$;
$\mathrm{Disc} = 4840154784477673209580359370956475653121333396116797664193699484587486422112 26621$
$R = 56.75690$
$P = T_{46} + T_{45} - T_{44} - 2T_{43} - T_{42} + 2T_{41} + 3T_{40} - 2T_{38} - 4T_{37} - 2T_{36} + 4T_{35} + 3T_{34} + T_{33} - T_{32} - 4 \times T_{31} - T_{30} + T_{28} + 4T_{27} - 5T_{23} + 2T_{21} + 4T_{19} - T_{18} - 3T_{17} + 2T_{16} - 3T_{15} - T_{14} + 2T_{13} - 2T_{12} + 5T_{11} + 4 \times T_{10} - 4T_{9} - 2T_{8} - 6T_{7} - T_{6} + 9T_{5} + 2T_{4} + 3T_{3} - T_{2} - 10T_{1} + 1$

$\mathbf{d = 46; r_1 = 40}$;
$\mathrm{Disc} = -2134400733723420035789515888161334953396150842705338140665991216746557629038 86411$
$R = 55.75561$
$P = x^{46} + 11x^{45} - 4x^{44} - 431x^{43} - 857x^{42} + 7170x^{41} + 21905x^{40} - 68765x^{39} - 265931x^{38} + 449866 \times x^{37} + 2000839x^{36} - 2328015x^{35} - 10293356x^{34} + 10610212x^{33} + 37597026x^{32} - 42576472x^{31} - 96668043 \times x^{30} + 138855815x^{29} + 161860619x^{28} - 339036137x^{27} - 123770990x^{26} + 577848939x^{25} - 131755736 \times x^{24} - 623401675x^{23} + 489871515x^{22} + 314711675x^{21} - 603521120x^{20} + 116214433x^{19} + 346812000x^{18} - 278738135x^{17} - 27726105x^{16} + 154751038x^{15} - 76461151x^{14} - 17669256x^{13} + 35758062x^{12} - 13591719 \times x^{11} - 2130368x^{10} + 3905906x^{9} - 1437571x^{8} + 94869x^{7} + 104253x^{6} - 39648x^{5} + 5199x^{4} + 297x^{3} - 186x^{2} + 23x - 1$

$\mathbf{d = 46; r_1 = 42}$;
$\mathrm{Disc} = 3617846965153931591811767419635978101561276284246178924908920907211148242809750 81472$
$R = 65.53722$
$P = T_{46} - 2T_{44} + 2T_{42} - 2T_{40} + 2T_{38} - 3T_{36} + 4T_{34} - 4T_{32} + 3T_{30} - 3T_{28} + 4T_{26} - 4T_{24} + 3T_{22} - 2T_{20} + 2 \times T_{18} - 2T_{16} + 2T_{14} - T_{12} + T_{6} - T_{4} + 1$

$\mathbf{d = 46; r_1 = 44}$;
$\mathrm{Disc} = -2513202295842546664534333654828470655637341500671698355555315657907566698188069977580 3$
$R = 71.86653$

$P = T_{46} - T_{44} + T_{42} + T_{41} - 3T_{40} + 3T_{38} - 2T_{37} - T_{36} + 2T_{35} - 2T_{33} + T_{32} + T_{31} - T_{30} + 2T_{25} - T_{24} - 3T_{23} + 3 \times T_{22} + T_{21} - 3T_{20} + 2T_{18} - 2T_{17} - T_{16} + 4T_{15} - 2T_{14} - 2T_{13} + 2T_{12} - 2T_{7} + T_{6} + 3T_{5} - 2T_{4} - 3T_{3} + 2T_{2} + 3T_{1} - 4$

$\mathbf{d = 46; r_1 = 46}$;

$\text{Disc} = 1652694058003150064466546427332830899406522364208108874535595725714275632582445283139 89$

$R = 74.87012$

$P = T_{46} + T_{45} - T_{44} - 2T_{43} - T_{42} + T_{41} + 2T_{40} + T_{39} - T_{38} - 2T_{37} - T_{36} + T_{35} + 2T_{34} + T_{33} - T_{32} - 2 \times T_{31} - T_{30} + T_{29} + 2T_{28} + T_{27} - T_{26} - 2T_{25} - T_{24} + T_{23} + 2T_{22} + T_{21} - T_{20} - 2T_{19} - T_{18} + T_{17} + 2 \times T_{16} + T_{15} - T_{14} - 2T_{13} - T_{12} + T_{11} + 2T_{10} + T_{9} - T_{8} - 2T_{7} - T_{6} + T_{5} + 2T_{4} + T_{3} - T_{2} - 2T_{1} - 1$

$\mathbf{d = 47; r_1 = 1}$;

Disc $= -3431011623082950234941114271322477730387660227674190312808619119$

$R = 22.48110$

$P = x^{47}+17x^{46}+159x^{45}+1061x^{44}+5593x^{43}+24568x^{42}+92903x^{41}+309087x^{40}+918910x^{39}+2469783\times x^{38}+6055600x^{37}+13642383x^{36}+28405038x^{35}+54924367x^{34}+99024516x^{33}+167028562x^{32}+264326043\times x^{31}+393393003x^{30}+551722154x^{29}+730374753x^{28}+913898999x^{27}+1082074026x^{26}+1213372486\times x^{25}+1289380800x^{24}+1298952146x^{23}+1240824637x^{22}+1123876120x^{21}+964950909x^{20}+784975640\times x^{19}+604569920x^{18}+440382854x^{17}+302988500x^{16}+196560865x^{15}+119984746x^{14}+68735714x^{13}+36836495x^{12}+18395416x^{11}+8518758x^{10}+3636384x^{9}+1420073x^{8}+502465x^{7}+159062x^{6}+44287\times x^{5}+10587x^{4}+2096x^{3}+324x^{2}+35x+2$

$\mathbf{d = 47; r_1 = 3}$;

Disc $= 2038885303127939799517933012084780254665583926917629102314342448253$

$R = 25.75361$

$P = x^{47}+9x^{46}+24x^{45}-20x^{44}-200x^{43}-156x^{42}+751x^{41}+1231x^{40}-1678x^{39}-4588x^{38}+2123\times x^{37}+11584x^{36}-81x^{35}-21913x^{34}-6658x^{33}+32268x^{32}+18554x^{31}-37066x^{30}-33086x^{29}+31553\times x^{28}+45868x^{27}-15279x^{26}-53477x^{25}-6799x^{24}+55394x^{23}+26627x^{22}-53297x^{21}-37294x^{20}+48785\times x^{19}+36488x^{18}-42122x^{17}-27141x^{16}+33104x^{15}+15097x^{14}-22605x^{13}-5520x^{12}+12768x^{11}+486\times x^{10}-5626x^{9}+902x^{8}+1760x^{7}-659x^{6}-309x^{5}+223x^{4}-2x^{3}-32x^{2}+10x-1$

$\mathbf{d = 47; r_1 = 5}$;

Disc $= -1226054266418535747295839779520305736919187973127832115365142385984 00$

$R = 28.09905$

$P = x^{47}+x^{46}-15x^{45}-13x^{44}+107x^{43}+75x^{42}-496x^{41}-258x^{40}+1723x^{39}+609x^{38}-4851x^{37}-1107\times x^{36}+11499x^{35}+1775x^{34}-23344x^{33}-2944x^{32}+41111x^{31}+5369x^{30}-63768x^{29}-9530x^{28}+88517\times x^{27}+14282x^{26}-111307x^{25}-16558x^{24}+127664x^{23}+13166x^{22}-134081x^{21}-3034x^{20}+129765x^{19}-13438\times x^{18}-115396x^{17}+35821x^{16}+87539x^{15}-56571x^{14}-43744x^{13}+57221x^{12}+602x^{11}-32226x^{10}+16415\times x^{9}+5285x^{8}-9130x^{7}+3335x^{6}+659x^{5}-1133x^{4}+514x^{3}-126x^{2}+17x-1$

$\mathbf{d = 47; r_1 = 7}$;

Disc $= 1538153159171143364601575634163936189218115291718285952790930434132 13$

$R = 28.23496$

$P = x^{47}-72x^{45}-144x^{44}+1956x^{43}+5568x^{42}-25976x^{41}-82036x^{40}+217268x^{39}+668060x^{38}-1245398\times x^{37}-3510668x^{36}+5112757x^{35}+12938428x^{34}-15505564x^{33}-35174517x^{32}+35587920x^{31}+72892563x^{30}-63011907x^{29}-117731397x^{28}+87369925x^{27}+150492450x^{26}-95955648x^{25}-153860064x^{24}+84158760\times x^{23}+126683342x^{22}-59250787x^{21}-84326769x^{20}+33559540x^{19}+45425864x^{18}-15278401x^{17}-19765303\times x^{16}+5566367x^{15}+6910307x^{14}-1608916x^{13}-1923234x^{12}+363693x^{11}+419810x^{10}-62860x^{9}-70239\times x^{8}+8015x^{7}+8688x^{6}-710x^{5}-748x^{4}+39x^{3}+40x^{2}-x-1$

$\mathbf{d = 47; r_1 = 9}$;

Disc $= -1708545136002777531540013619067366547452316590508235302087810420240571$

$R = 29.71903$

$P = x^{47}-16x^{45}+21x^{44}+120x^{43}-315x^{42}-358x^{41}+2205x^{40}-1008x^{39}-8365x^{38}+14014x^{37}+12907\times x^{36}-60867x^{35}+33213x^{34}+132430x^{33}-242104x^{32}-56980x^{31}+635194x^{30}-544641x^{29}-767790\times x^{28}+1793225x^{27}-278789x^{26}-2728257x^{25}+2738888x^{24}+1624823x^{23}-4836493x^{22}+1718892x^{21}+4041349x^{20}-4593293x^{19}-531451x^{18}+4192406x^{17}-2351530x^{16}-1374249x^{15}+2332408x^{14}-675533\times x^{13}-763937x^{12}+765226x^{11}-148902x^{10}-183856x^{9}+153519x^{8}-38972x^{7}-13315x^{6}+15236x^{5}-6454\times x^{4}+1633x^{3}-259x^{2}+24x-1$

$\mathbf{d = 47; r_1 = 11}$;

Disc $= 5194788173375117256431029679741028214614605988125361969508732894556472 73$

$R = 33.56318$

$P = x^{47}+x^{46}-14x^{45}+13x^{44}+118x^{43}-308x^{42}-370x^{41}+2759x^{40}-1865x^{39}-12723x^{38}+26368\times x^{37}+23887x^{36}-135746x^{35}+65548x^{34}+380220x^{33}-582994x^{32}-466702x^{31}+1872474x^{30}-638811\times x^{29}-3270425x^{28}+3962098x^{27}+2322665x^{26}-8074021x^{25}+3001637x^{24}+8351039x^{23}-9908191\times x^{22}-2011592x^{21}+11567467x^{20}-6274730x^{19}-5580583x^{18}+8704033x^{17}-1803947x^{16}-4484089\times x^{15}+3946392x^{14}-101757x^{13}-1832058x^{12}+1166759x^{11}-3471x^{10}-393184x^{9}+232870x^{8}-34410\times x^{7}-31632x^{6}+24545x^{5}-9076x^{4}+2085x^{3}-304x^{2}+26x-1$

$\mathbf{d = 47; r_1 = 13}$;

Disc $= -1730284123460535276524325869478026097045794936277724715430834844662 85559$

$R = 32.78722$

$P = T_{47} + 6T_{45} + 21T_{43} + 56T_{41} + 126T_{39} - T_{38} + 252T_{37} - 4T_{36} + 461T_{35} - 10T_{34} + 783T_{33} - 20T_{32} + 1248 \times T_{31} - 35T_{30} + 1880T_{29} - 57T_{28} + 2691T_{27} - 88T_{26} + 3675T_{25} - 127T_{24} + 4802T_{23} - 173T_{22} + 6014T_{21} - 223 \times T_{20} + 7226T_{19} - 274T_{18} + 8331T_{17} - 321T_{16} + 9210T_{15} - 358T_{14} + 9743T_{13} - 379T_{12} + 9825T_{11} - 380 \times T_{10} + 9382T_9 - 358T_8 + 8383T_7 - 312T_6 + 6848T_5 - 242T_4 + 4851T_3 - 154T_2 + 2515T_1 - 53$

$\mathbf{d = 47; r_1 = 15}$;

Disc $= 950518280574407052867894531206229557420919499689282523231389655952394052 1$

$R = 35.70447$

$P = T_{47} + 7T_{45} + 28T_{43} + 84T_{41} + 210T_{39} - T_{38} + 459T_{37} - 6T_{36} + 903T_{35} - 21T_{34} + 1630T_{33} - 55 \times T_{32} + 2736T_{31} - 120T_{30} + 4310T_{29} - 229T_{28} + 6416T_{27} - 394T_{26} + 9069T_{25} - 622T_{24} + 12214T_{23} - 913 \times T_{22} + 15710T_{21} - 1256T_{20} + 19325T_{19} - 1628T_{18} + 22744T_{17} - 1993T_{16} + 25597T_{15} - 2307T_{14} + 27498 \times T_{13} - 2522T_{12} + 28094T_{11} - 2595T_{10} + 27120T_9 - 2492T_8 + 24445T_7 - 2200T_6 + 20104T_5 - 1726T_4 + 14310 \times T_3 - 1102T_2 + 7441T_1 - 379$

$\mathbf{d = 47; r_1 = 17}$;

Disc $= -2443957250042897498756651327403209751758662220565294385322621531702259800 3$

$R = 36.42913$

$P = x^{47} - 576x^{43} - 4032x^{42} + 3264x^{41} + 74112x^{40} + 63968x^{39} - 574816x^{38} - 918592x^{37} + 2476192 \times x^{36} + 5565068x^{35} - 6457612x^{34} - 20515852x^{33} + 9855104x^{32} + 51882596x^{31} - 5228836x^{30} - 95703780x^{29} - 13445140x^{28} + 133658435x^{27} + 41121281x^{26} - 144808575x^{25} - 62419172x^{24} + 123693784x^{23} + 65149224 \times x^{22} - 84167076x^{21} - 50822681x^{20} + 45880247x^{19} + 30650908x^{18} - 20064147x^{17} - 14505881x^{16} + 7019627 \times x^{15} + 5411625x^{14} - 1949949x^{13} - 1586319x^{12} + 424282x^{11} + 361424x^{10} - 70735x^9 - 62720x^8 + 8721 \times x^7 + 8011x^6 - 749x^5 - 710x^4 + 40x^3 + 39x^2 - x - 1$

$\mathbf{d = 47; r_1 = 19}$;

Disc $= 1469344209638003261228680325827608912313911950764230179321186903908665508 9$

$R = 36.03689$

$P = x^{47} - 5400x^{41} + 129600x^{39} + 16200x^{38} - 1293210x^{37} - 329400x^{36} + 7320530x^{35} + 2675430x^{34} - 26833231x^{33} - 12223680x^{32} + 68605527x^{31} + 36250073x^{30} - 128284282x^{29} - 75425840x^{28} + 181157298x^{27} + 115504940x^{26} - 197558298x^{25} - 134310576x^{24} + 168960373x^{23} + 121084948x^{22} - 114476954x^{21} - 85789049 \times x^{20} + 61796281x^{19} + 48150091x^{18} - 26620207x^{17} - 21476384x^{16} + 9127428x^{15} + 7601275x^{14} - 2472851 \times x^{13} - 2121007x^{12} + 522369x^{11} + 460678x^{10} - 84183x^9 - 76239x^8 + 9992x^7 + 9284x^6 - 823x^5 - 784x^4 + 42 \times x^3 + 41x^2 - x - 1$

$\mathbf{d = 47; r_1 = 21}$;

Disc $= -1126786958465633867211727570889678496459131096344683059717629225609305415 4023$

$R = 41.50728$

$P = x^{47} + 7x^{46} - 13x^{45} - 172x^{44} - 110x^{43} + 1954x^{42} + 3838x^{41} - 14101x^{40} - 57078x^{39} + 45923x^{38} + 518018 \times x^{37} + 262112x^{36} - 2779664x^{35} - 3546467x^{34} + 8990952x^{33} + 17753492x^{32} - 17355035x^{31} - 53059200x^{30} + 16280138x^{29} + 106710204x^{28} + 8535370x^{27} - 152199164x^{26} - 53551797x^{25} + 157608352x^{24} + 91889724 \times x^{23} - 118688499x^{22} - 98370309x^{21} + 63162997x^{20} + 74349658x^{19} - 21292718x^{18} - 41225032x^{17} + 2212578 \times x^{16} + 16889678x^{15} + 2047896x^{14} - 5034508x^{13} - 1384507x^{12} + 1041193x^{11} + 465057x^{10} - 130874x^9 - 97631 \times x^8 + 4735x^7 + 12782x^6 + 1321x^5 - 915x^4 - 218x^3 + 19x^2 + 11x + 1$

$\mathbf{d = 47; r_1 = 23}$;

Disc $= 2052633898923285257189410098412848480493054472230997442362377065519846207569$

$R = 40.03037$

$P = x^{47} - 18x^{45} - 1017x^{43} + 3600x^{42} + 26621x^{41} - 79800x^{40} - 291852x^{39} + 795940x^{38} + 1904333 \times x^{37} - 4751030x^{36} - 8344481x^{35} + 19057714x^{34} + 26115707x^{33} - 54724229x^{32} - 60617792x^{31} + 117055328 \times x^{30} + 107067083x^{29} - 191635632x^{28} - 146611991x^{27} + 244777658x^{26} + 157801297x^{25} - 247294949x^{24} - 134819808x^{23} + 199478996x^{22} + 92020599x^{21} - 129227390x^{20} - 50335982x^{19} + 67406144x^{18} + 22063052 \times x^{17} - 28288896x^{16} - 7719425x^{15} + 9510904x^{14} + 2138277x^{13} - 2539524x^{12} - 462407x^{11} + 530842x^{10} + 76345 \times x^9 - 84925x^8 - 9287x^7 + 10032x^6 + 784x^5 - 824x^4 - 41x^3 + 42x^2 + x - 1$

$\mathbf{d = 47; r_1 = 25}$;

Disc $= -2369884401609906968282598124974996358077949412488428475506857403842139645771 79$

$R = 44.28644$

$P = T_{47} + 2T_{45} + 3T_{43} + 4T_{41} + 5T_{39} + 6T_{37} + 7T_{35} + 8T_{33} + 9T_{31} + 10T_{29} + 11T_{27} + 12T_{25} + 13T_{23} + 14 \times T_{21} + 14T_{19} + 14T_{17} + 13T_{15} + 12T_{13} + 10T_{11} + T_{10} + 9T_9 + 8T_7 + 6T_5 + 4T_3 + 2T_1$

$\mathbf{d = 47; r_1 = 27}$;

Disc $= 1703405454887795258965984293232310794040565982000878039538512123991137352460921$

$R = 46.18449$

$P = x^{47} + 4x^{46} - 102x^{45} - 459x^{44} + 2502x^{43} + 13685x^{42} - 14900x^{41} - 190186x^{40} - 16915x^{39} + 1712681 \times x^{38} + 799554x^{37} - 10077998x^{36} - 5244495x^{35} + 40297459x^{34} + 18343100x^{33} - 114762471x^{32} - 40115694x^{31} + 241669559x^{30} + 56634904x^{29} - 386539782x^{28} - 47290636x^{27} + 478309135x^{26} + 8827567x^{25} - 463424753x^{24} + 35308729x^{23} + 353991846x^{22} - 57509026x^{21} - 213676345x^{20} + 51796191x^{19} + 101682986x^{18} - 32448348 \times x^{17} - 37846325x^{16} + 15030390x^{15} + 10844490x^{14} - 5249980x^{13} - 2323310x^{12} + 1383614x^{11} + 351189 \times x^{10} - 271399x^{9} - 32325x^{8} + 38450x^{7} + 730x^{6} - 3720x^{5} + 215x^{4} + 220x^{3} - 26x^{2} - 6x + 1$

$\mathbf{d = 47; r_1 = 29}$;

Disc $= -20844842166658676327560276846161037507937940936071277741364140042407266329782659$

$R = 48.71226$

$P = T_{47} + T_{46} + T_{45} - T_{40} - T_{39} - T_{38} - T_{37} - T_{36} - T_{35} + T_{32} + T_{31} + 2T_{30} + T_{29} + T_{28} + T_{26} - T_{25} - T_{24} - 2 \times T_{23} - T_{22} - T_{21} + T_{18} + T_{17} + T_{16} + T_{15} - T_{12} - T_{11} - 2T_{10} - T_{9} - T_{8} + 2T_{5} + 2T_{4} + 2T_{3} + T_{2} + T_{1} + 1$

$\mathbf{d = 47; r_1 = 31}$;

Disc $= 326187524813607365875824877959199438199756373741279519199138656851792077418042 24$

$R = 49.17857$

$P = T_{47} + 2T_{46} + 2T_{45} + 2T_{44} + T_{43} - T_{42} - 3T_{41} - 4T_{40} - 4T_{39} - 3T_{38} + 3T_{36} + 5T_{35} + 5T_{34} + 3T_{33} - 4 \times T_{31} - 5T_{30} - 4T_{29} - 2T_{28} + 2T_{27} + 5T_{26} + 6T_{25} + 4T_{24} + T_{23} - 3T_{22} - 6T_{21} - 5T_{20} - 3T_{19} + T_{18} + 4T_{17} + 5 \times T_{16} + 5T_{15} + 2T_{14} - T_{13} - 4T_{12} - 5T_{11} - 4T_{10} - 2T_{9} + T_{8} + 2T_{7} + 3T_{6} + 2T_{5} - T_{3} - 3T_{2} - 3T_{1} - 2$

$\mathbf{d = 47; r_1 = 33}$;

Disc $= -8988796453034972503982511611921053894877574916219938812278479904476394862188 3883$

$R = 50.25075$

$P = T_{47} - T_{45} - T_{44} + T_{42} + T_{36} + T_{34} - T_{33} - 2T_{32} - T_{31} + 2T_{29} + T_{28} - T_{26} - 2T_{24} + 2T_{23} + T_{22} - T_{21} - T_{20} - T_{19} + T_{18} + T_{17} + T_{16} + T_{15} - 4T_{13} - T_{11} + T_{10} + 2T_{9} - T_{8} + T_{5} + T_{4} - 2T_{2} - 2$

$\mathbf{d = 47; r_1 = 35}$;

Disc $= 323205234586740378686136888305278366665374213698966650744989518744355927485235019 97$

$R = 56.95355$

$P = T_{47} + T_{45} - T_{44} - T_{43} - T_{41} + 2T_{40} + T_{39} + T_{38} + 2T_{37} - 2T_{36} - T_{35} - 3T_{34} - 4T_{33} + 2T_{32} + T_{31} + 6 \times T_{30} + 5T_{29} - 2T_{28} - T_{27} - 9T_{26} - 6T_{25} - T_{24} + 11T_{22} + 6T_{21} + 4T_{20} - 2T_{19} - 12T_{18} - 8T_{17} - 8T_{16} + T_{15} + 10 \times T_{14} + 9T_{13} + 10T_{12} - 2T_{11} - 10T_{10} - 12T_{9} - 11T_{8} + 2T_{7} + 8T_{6} + 12T_{5} + 9T_{4} - 2T_{3} - 7T_{2} - 14T_{1} - 8$

$\mathbf{d = 47; r_1 = 37}$;

Disc $= -5840161793686140684461112737577314902773232575602882804336422783992217624676147 8567$

$R = 57.67502$

$P = T_{47} + 2T_{46} + T_{45} - T_{42} - 2T_{41} - T_{40} + T_{37} + T_{36} - 2T_{35} - 3T_{34} - T_{33} - T_{32} - T_{31} + 2T_{30} + 2 \times T_{29} - T_{28} + T_{26} - T_{25} + 2T_{23} - T_{21} - 2T_{19} - 3T_{18} + T_{17} + 3T_{16} + T_{15} - T_{13} - 3T_{12} - 2T_{11} + T_{10} + T_{9} + T_{8} + 3 \times T_{7} + 2T_{6} - T_{5} - T_{4} + T_{1} + 2$

$\mathbf{d = 47; r_1 = 39}$;

Disc $= 6154968425040382159979737518454077028428640968651768204103673275066564822714317092 2589$

$R = 66.88099$

$P = T_{47} - 2T_{45} - T_{44} + 2T_{42} + 2T_{41} - 2T_{38} - T_{37} - T_{36} - T_{35} + 3T_{34} + T_{33} + T_{32} - T_{31} - 2T_{30} + T_{29} - T_{28} + 2 \times T_{27} - T_{25} + T_{24} - 3T_{23} + T_{22} - T_{21} + T_{20} + 3T_{19} - 2T_{18} + 3T_{17} - 2T_{16} - T_{15} - 4T_{13} + 4T_{12} - T_{11} + 2 \times T_{10} + T_{9} - 4T_{8} + 4T_{7} - 3T_{6} + T_{5} + T_{4} - 2T_{3} + 4T_{2} - 5T_{1} + 1$

$\mathbf{d = 47; r_1 = 41}$;

Disc $= -1159054963427655662747247547171057394071680427953344726342093457017548517425615591681687$

$R = 71.19143$

$P = T_{47} - 2T_{45} + T_{44} + T_{43} - 2T_{42} + T_{41} + T_{40} - T_{39} + T_{38} - T_{37} - 2T_{36} + 2T_{35} + T_{34} - 2T_{33} + T_{32} + T_{31} - 3 \times T_{30} + T_{28} - 2T_{27} + T_{26} + 2T_{25} - T_{24} - 2T_{23} + T_{21} - T_{20} + T_{19} + T_{18} - T_{17} + 2T_{16} - T_{15} - 3T_{14} + 3T_{13} + 2 \times T_{12} - 2T_{11} + T_{10} + 2T_{9} - 3T_{8} - T_{7} + 3T_{6} - T_{5} + 2T_{3} - T_{2} - T_{1} - 1$

$\mathbf{d = 47; r_1 = 43}$;

Disc $= 7898141129582552695664830346112576906788832158471579890264213364395676937203676807202 6021$

$R = 77.88193$

$P = T_{47} - T_{45} - 2T_{39} + 2T_{38} + T_{31} - 2T_{30} + 2T_{27} - 2T_{26} + 2T_{25} - 2T_{24} + 2T_{23} - T_{22} + 2T_{21} - 4T_{20} + 4T_{19} - 4T_{18} + 6 \times T_{17} - 6T_{16} + 4T_{15} - 4T_{14} + 4T_{13} - 4T_{12} + 5T_{11} - 6T_{10} + 4T_{9} - 2T_{8} + 4T_{7} - 4T_{6} + 2T_{5} - 2T_{4} + 2T_{3} - 2T_{2} + 2T_{1} - 4$

$\mathbf{d = 47; r_1 = 45}$;

Disc $= -3749115274619841074752863389120368500220183914015793718219798361517091740351970951387727600667$

$R = 97.93426$

$P = T_{47} - T_{43} - T_{42} - T_{41} - T_{39} + T_{37} + T_{36} + T_{35} + 2T_{34} + 2T_{33} + T_{32} - T_{29} - 3T_{28} - 3T_{27} - 2T_{26} - 2 \times T_{25} - 2T_{24} + 2T_{22} + 2T_{21} + 2T_{20} + 4T_{19} + 4T_{18} + 2T_{17} + T_{16} + T_{15} - T_{14} - 4T_{13} - 4T_{12} - 3T_{11} - 4T_{10} - 4 \times T_9 - T_8 + T_7 + T_6 + 2T_5 + 5T_4 + 5T_3 + 3T_2 + 3T_1 + 3$

$\mathbf{d = 47; r_1 = 47}$;

Disc $= 80467031952781664711562609190025488029879735597972081271116340527885576175366143913855532434060 9$

$R = 109.78552$

$P = T_{47} - 2T_{45} - T_{42} + T_{41} + 2T_{40} + 2T_{37} - 2T_{35} - 2T_{34} - 2T_{33} - T_{32} + 2T_{30} + 3T_{29} + 2T_{28} + T_{27} + T_{26} - 4 \times T_{24} - 4T_{23} - 2T_{22} - 2T_{21} + T_{20} + 4T_{19} + 4T_{18} + 3T_{17} + 2T_{16} - 2T_{14} - 4T_{13} - 6T_{12} - 3T_{11} + T_9 + 5T_8 + 6 \times T_7 + 3T_6 + T_5 - 3T_3 - 6T_2 - 5T_1 - 3$

$\mathbf{d = 48; r_1 = 0}$;

Disc $= 38236382160986561297363124380273369475404839915971434285335 69$

$R = 18.28668$

$P = x^{48} + 7x^{47} + 29x^{46} + 92x^{45} + 244x^{44} + 567x^{43} + 1189x^{42} + 2292x^{41} + 4117x^{40} + 6959x^{39} + 11151 \times x^{38} + 17036x^{37} + 24925x^{36} + 35047x^{35} + 47496x^{34} + 62181x^{33} + 78793x^{32} + 96789x^{31} + 115410x^{30} + 133721 \times x^{29} + 150682x^{28} + 165242x^{27} + 176436x^{26} + 183489x^{25} + 185899x^{24} + 183489x^{23} + 176436x^{22} + 165242 \times x^{21} + 150682x^{20} + 133721x^{19} + 115410x^{18} + 96789x^{17} + 78793x^{16} + 62181x^{15} + 47496x^{14} + 35047x^{13} + 24925 \times x^{12} + 17036x^{11} + 11151x^{10} + 6959x^{9} + 4117x^{8} + 2292x^{7} + 1189x^{6} + 567x^{5} + 244x^{4} + 92x^{3} + 29x^{2} + 7x + 1$

$\mathbf{d = 48; r_1 = 2}$;

Disc $= -655633492527657892376576250991939030393177974419743205630 13959$

$R = 19.40203$

$P = x^{48} + 12x^{47} + 83x^{46} + 419x^{45} + 1697x^{44} + 5806x^{43} + 17328x^{42} + 46117x^{41} + 111205x^{40} + 245887 \times x^{39} + 503165x^{38} + 959891x^{37} + 1717190x^{36} + 2894491x^{35} + 4615149x^{34} + 6983361x^{33} + 10054802x^{32} + 13806325x^{31} + 18112364x^{30} + 22736166x^{29} + 27342028x^{28} + 31530413x^{27} + 34892031x^{26} + 37071352 \times x^{25} + 37826393x^{24} + 37071352x^{23} + 34892031x^{22} + 31530413x^{21} + 27342028x^{20} + 22736166x^{19} + 18112364 \times x^{18} + 13806325x^{17} + 10054802x^{16} + 6983361x^{15} + 4615149x^{14} + 2894491x^{13} + 1717190x^{12} + 959891 \times x^{11} + 503165x^{10} + 245887x^{9} + 111205x^{8} + 46117x^{7} + 17328x^{6} + 5806x^{5} + 1697x^{4} + 419x^{3} + 83x^{2} + 12x + 1$

$\mathbf{d = 48; r_1 = 4}$;

Disc $= 28724401485957275179405644509743617470240583472222208683449 63361$

$R = 20.99167$

$P = x^{48} + 12x^{47} + 75x^{46} + 331x^{45} + 1163x^{44} + 3458x^{43} + 9028x^{42} + 21203x^{41} + 45547x^{40} + 90573 \times x^{39} + 168233x^{38} + 293891x^{37} + 485488x^{36} + 761671x^{35} + 1138871x^{34} + 1627587x^{33} + 2228429x^{32} + 2928743 \times x^{31} + 3700710x^{30} + 4501698x^{29} + 5277294x^{28} + 5966899x^{27} + 6511168x^{26} + 6860104x^{25} + 6980327 \times x^{24} + 6860104x^{23} + 6511168x^{22} + 5966899x^{21} + 5277294x^{20} + 4501698x^{19} + 3700710x^{18} + 2928743 \times x^{17} + 2228429x^{16} + 1627587x^{15} + 1138871x^{14} + 761671x^{13} + 485488x^{12} + 293891x^{11} + 168233x^{10} + 90573 \times x^{9} + 45547x^{8} + 21203x^{7} + 9028x^{6} + 3458x^{5} + 1163x^{4} + 331x^{3} + 75x^{2} + 12x + 1$

$\mathbf{d = 48; r_1 = 6}$;

Disc $= -191755105304044765688867213362682177576520523550880657884677692479$

$R = 22.91170$

$P = x^{48} + 14x^{47} + 101x^{46} + 497x^{45} + 1854x^{44} + 5506x^{43} + 13234x^{42} + 25225x^{41} + 33921x^{40} + 10757 \times x^{39} - 116676x^{38} - 496719x^{37} - 1389159x^{36} - 3190897x^{35} - 6432031x^{34} - 11721391x^{33} - 19628902x^{32} - 30511855x^{31} - 44318915x^{30} - 60430547x^{29} - 77604069x^{28} - 94075443x^{27} - 107827908x^{26} - 116979537x^{25} - 120191681x^{24} - 116979537x^{23} - 107827908x^{22} - 94075443x^{21} - 77604069x^{20} - 60430547x^{19} - 44318915 \times x^{18} - 30511855x^{17} - 19628902x^{16} - 11721391x^{15} - 6432031x^{14} - 3190897x^{13} - 1389159x^{12} - 496719 \times x^{11} - 116676x^{10} + 10757x^{9} + 33921x^{8} + 25225x^{7} + 13234x^{6} + 5506x^{5} + 1854x^{4} + 497x^{3} + 101x^{2} + 14x + 1$

$\mathbf{d = 48; r_1 = 8}$;

Disc $= 157036879824318337189135729472592511305813168715917554935121576 0389$

$R = 23.93775$

$P = x^{48} + 9x^{47} + 24x^{46} - 17x^{45} - 181x^{44} - 141x^{43} + 604x^{42} + 925x^{41} - 1223x^{40} - 2885x^{39} + 1638 \times x^{38} + 6010x^{37} - 1482x^{36} - 9179x^{35} + 1068x^{34} + 10482x^{33} - 1486x^{32} - 8449x^{31} + 3728x^{30} + 3300x^{29} - 7550 \times x^{28} + 2827x^{27} + 11262x^{26} - 6949x^{25} - 12805x^{24} + 6949x^{23} + 11262x^{22} - 2827x^{21} - 7550x^{20} - 3300x^{19} + 3728 \times x^{18} + 8449x^{17} - 1486x^{16} - 10482x^{15} + 1068x^{14} + 9179x^{13} - 1482x^{12} - 6010x^{11} + 1638x^{10} + 2885x^{9} - 1223 \times x^{8} - 925x^{7} + 604x^{6} + 141x^{5} - 181x^{4} + 17x^{3} + 24x^{2} - 9x + 1$

$\mathbf{d = 48; r_1 = 10}$;

Disc $= -155812449293134012601376333786945394256833519396928295559855674726191$

$R = 26.34385$

$P = x^{48} + 14x^{47} + 89x^{46} + 341x^{45} + 874x^{44} + 1566x^{43} + 2043x^{42} + 2375x^{41} + 4139x^{40} + 9780x^{39} + 18176 \times x^{38} + 18301x^{37} - 11157x^{36} - 87414x^{35} - 195921x^{34} - 269450x^{33} - 204930x^{32} + 67506x^{31} + 495276 \times x^{30} + 870066x^{29} + 915867x^{28} + 476825x^{27} - 323144x^{26} - 1096948x^{25} - 1416701x^{24} - 1096948x^{23} - 323144 \times x^{22} + 476825x^{21} + 915867x^{20} + 870066x^{19} + 495276x^{18} + 67506x^{17} - 204930x^{16} - 269450x^{15} - 195921 \times x^{14} - 87414x^{13} - 11157x^{12} + 18301x^{11} + 18176x^{10} + 9780x^{9} + 4139x^{8} + 2375x^{7} + 2043x^{6} + 1566x^{5} + 874 \times x^{4} + 341x^{3} + 89x^{2} + 14x + 1$

$\mathbf{d = 48; r_1 = 12}$;

Disc $= 34312839561960263760525665444421339905754394222286367674345192 1429361$

$R = 26.78071$

$P = x^{48} + 16x^{47} + 96x^{46} + 176x^{45} - 790x^{44} - 4760x^{43} - 5408x^{42} + 25357x^{41} + 87215x^{40} + 10215 \times x^{39} - 408642x^{38} - 615527x^{37} + 730690x^{36} + 2853566x^{35} + 928493x^{34} - 6468890x^{33} - 8152317x^{32} + 6510779 \times x^{31} + 20909299x^{30} + 4954398x^{29} - 29544230x^{28} - 28009627x^{27} + 20596209x^{26} + 47560688x^{25} + 6044815 \times x^{24} - 45734749x^{23} - 31669267x^{22} + 22843030x^{21} + 37492842x^{20} + 2108390x^{19} - 24347436x^{18} - 12872332 \times x^{17} + 7799839x^{16} + 10132714x^{15} + 837528x^{14} - 3911712x^{13} - 1993564x^{12} + 490390x^{11} + 814377x^{10} + 208894 \times x^{9} - 106762x^{8} - 88386x^{7} - 18061x^{6} + 5874x^{5} + 4821x^{4} + 1472x^{3} + 252x^{2} + 24x + 1$

$\mathbf{d = 48; r_1 = 14}$;

Disc $= -190652888952852286016850549703667963464771529755270095179790644406165 91$

$R = 29.11868$

$P = x^{48} + 8x^{47} + 8x^{46} - 102x^{45} - 300x^{44} + 412x^{43} + 2946x^{42} + 1717x^{41} - 14297x^{40} - 28497x^{39} + 25439 \times x^{38} + 146623x^{37} + 87669x^{36} - 387009x^{35} - 698656x^{34} + 391024x^{33} + 2242967x^{32} + 991226x^{31} - 4364458 \times x^{30} - 5271267x^{29} + 4990582x^{28} + 12474173x^{27} - 1016742x^{26} - 19199836x^{25} - 8502139x^{24} + 19725728 \times x^{23} + 19195523x^{22} - 11358134x^{21} - 23380015x^{20} - 1053444x^{19} + 17656240x^{18} + 8763804x^{17} - 7223571 \times x^{16} - 8257648x^{15} - 7407x^{14} + 3786429x^{13} + 1694273x^{12} - 622269x^{11} - 820629x^{10} - 187632x^{9} + 118932 \times x^{8} + 91998x^{7} + 18706x^{6} - 5808x^{5} - 4818x^{4} - 1472x^{3} - 252x^{2} - 24x - 1$

$\mathbf{d = 48; r_1 = 16}$;

Disc $= 428371393170100202092743559260195078629702189156782395639324555587092 48$

$R = 29.61394$

$P = x^{48} + 12x^{47} + 50x^{46} + 44x^{45} - 273x^{44} - 710x^{43} + 394x^{42} + 3202x^{41} + 1252x^{40} - 8424x^{39} - 7751 \times x^{38} + 14862x^{37} + 20724x^{36} - 17794x^{35} - 35798x^{34} + 12138x^{33} + 41979x^{32} + 2902x^{31} - 28958x^{30} - 22372 \times x^{29} - 2100x^{28} + 39130x^{27} + 35181x^{26} - 48330x^{25} - 49401x^{24} + 48330x^{23} + 35181x^{22} - 39130x^{21} - 2100 \times x^{20} + 22372x^{19} - 28958x^{18} - 2902x^{17} + 41979x^{16} - 12138x^{15} - 35798x^{14} + 17794x^{13} + 20724x^{12} - 14862 \times x^{11} - 7751x^{10} + 8424x^{9} + 1252x^{8} - 3202x^{7} + 394x^{6} + 710x^{5} - 273x^{4} - 44x^{3} + 50x^{2} - 12x + 1$

$\mathbf{d = 48; r_1 = 18}$;

Disc $= -846441396757305638084081151654726506282885235428866156837915415986144 3679$

$R = 33.06168$

$P = x^{48} + 16x^{47} + 88x^{46} + 114x^{45} - 707x^{44} - 2646x^{43} + 253x^{42} + 15749x^{41} + 19045x^{40} - 42893x^{39} - 112116 \times x^{38} + 23253x^{37} + 334768x^{36} + 263513x^{35} - 538398x^{34} - 1150716x^{33} + 6592x^{32} + 2512288x^{31} + 2484257 \times x^{30} - 2701575x^{29} - 7051499x^{28} - 1132807x^{27} + 10381308x^{26} + 9295980x^{25} - 7335909x^{24} - 16199886 \times x^{23} - 2243067x^{22} + 14938362x^{21} + 10859373x^{20} - 6256276x^{19} - 11592304x^{18} - 1825772x^{17} + 6218658 \times x^{16} + 4053616x^{15} - 1208034x^{14} - 2387117x^{13} - 566642x^{12} + 635759x^{11} + 462773x^{10} + 6024x^{9} - 124716 \times x^{8} - 57838x^{7} + 264x^{6} + 11264x^{5} + 5756x^{4} + 1564x^{3} + 256x^{2} + 24x + 1$

$\mathbf{d = 48; r_1 = 20}$;

Disc $= 4735451707910926748331310902982818479541566757674404740091532888756660 21$

$R = 31.13413$

$P = x^{48} + 5x^{47} - 26x^{46} - 160x^{45} + 253x^{44} + 2307x^{43} - 673x^{42} - 19761x^{41} - 8831x^{40} + 111073x^{39} + 113141x^{38} - 422652x^{37} - 683361x^{36} + 1052341x^{35} + 2672336x^{34} - 1352965x^{33} - 7285504x^{32} - 1098262 \times x^{31} + 13944370x^{30} + 9782520x^{29} - 17645426x^{28} - 24611434x^{27} + 10804912x^{26} + 37184470x^{25} + 7822125 \times x^{24} - 35417551x^{23} - 26817902x^{22} + 17394104x^{21} + 31301403x^{20} + 3396549x^{19} - 19749309x^{18} - 12301889 \times x^{17} + 5001923x^{16} + 8872901x^{15} + 2056043x^{14} - 2728394x^{13} - 2084196x^{12} - 68458x^{11} + 586652x^{10} + 284031 \times x^{9} - 6864x^{8} - 58272x^{7} - 23331x^{6} - 1439x^{5} + 2074x^{4} + 915x^{3} + 190x^{2} + 21x + 1$

$\mathbf{d = 48; r_1 = 22}$;

Disc $= -161370273548874266103594982804362417282771212732522330964904879569761764811$

$R = 35.15575$

$P = x^{48} + 8x^{47} - 4x^{46} - 186x^{45} - 291x^{44} + 1750x^{43} + 4903x^{42} - 8277x^{41} - 39883x^{40} + 12387x^{39} + 206597 \times x^{38} + 101552x^{37} - 726015x^{36} - 841227x^{35} + 1711890x^{34} + 3395204x^{33} - 2368298x^{32} - 9092294x^{31} + 203221 \times x^{30} + 17383947x^{29} + 7859513x^{28} - 23990024x^{27} - 21778363x^{26} + 22707857x^{25} + 35629412x^{24} - 11176930 \times x^{23} - 40603789x^{22} - 5118247x^{21} + 32663412x^{20} + 16364067x^{19} - 16987543x^{18} - 17060130x^{17} + 3429973 \times x^{16} + 10408981x^{15} + 2414512x^{14} - 3556102x^{13} - 2351397x^{12} + 290016x^{11} + 840946x^{10} + 263599x^{9} - 91778 \times x^{8} - 92033x^{7} - 21861x^{6} + 4609x^{5} + 4591x^{4} + 1449x^{3} + 251x^{2} + 24x + 1$

$\mathbf{d = 48; r_1 = 24}$;

Disc $= 168421568991636166894921452526711557509122074290635526395837292818201952 91136$

$R = 38.73022$

$P = x^{48} - 19x^{46} + 155x^{44} - 699x^{42} + 1829x^{40} - 2412x^{38} - 361x^{36} + 7188x^{34} - 12239x^{32} + 7931x^{30} + 4830 \times x^{28} - 17186x^{26} + 21965x^{24} - 17186x^{22} + 4830x^{20} + 7931x^{18} - 12239x^{16} + 7188x^{14} - 361x^{12} - 2412 \times x^{10} + 1829x^{8} - 699x^{6} + 155x^{4} - 19x^{2} + 1$

$\mathbf{d = 48; r_1 = 26}$;

Disc $= -71897689063409350570156186488867580683028657771141922439013099739306585069977 6$

$R = 41.88079$

$P = T_{48} + 11T_{46} + 61T_{44} + 236T_{42} + 729T_{40} + 1918T_{38} + 4449T_{36} + 9300T_{34} + 17766T_{32} + 31316T_{30} + 51297 \times T_{28} + 78489T_{26} + 112612T_{24} + 151944T_{22} + 193207T_{20} + 231876T_{18} + 262893T_{16} + 281641T_{14} + 284914 \times T_{12} + 271554T_{10} + 242545T_8 + 200549T_6 + 149058T_4 + 91531T_2 + 30832$

$\mathbf{d = 48; r_1 = 28}$;

Disc $= 1080922185399056219752412995049621879276044883579001697963888834261718503708 49$

$R = 40.25972$

$P = x^{48} + 8x^{47} - 16x^{46} - 286x^{45} - 306x^{44} + 3612x^{43} + 8126x^{42} - 22237x^{41} - 72626x^{40} + 84175x^{39} + 383084x^{38} - 245376x^{37} - 1457305x^{36} + 662325x^{35} + 4431921x^{34} - 1660668x^{33} - 11256344x^{32} + 3392986x^{31} + 24126600 \times x^{30} - 4787223x^{29} - 43578356x^{28} + 2522740x^{27} + 65810222x^{26} + 7953126x^{25} - 81353968x^{24} - 27606735 \times x^{23} + 78685737x^{22} + 48229260x^{21} - 54264680x^{20} - 55478236x^{19} + 20222944x^{18} + 43016520x^{17} + 3939672 \times x^{16} - 21005557x^{15} - 9951534x^{14} + 4831558x^{13} + 5602862x^{12} + 688142x^{11} - 1315912x^{10} - 704776x^9 - 6752 \times x^8 + 123554x^7 + 49850x^6 + 4400x^5 - 2974x^4 - 1288x^3 - 244x^2 - 24x - 1$

$\mathbf{d = 48; r_1 = 30}$;

Disc $= -6474926902661863769403929091316253819811814169222128586374351266632856120983659$

$R = 43.84305$

$P = x^{48} + 2x^{47} - 57x^{46} - 103x^{45} + 1371x^{44} + 2356x^{43} - 18272x^{42} - 31555x^{41} + 150245x^{40} + 273660 \times x^{39} - 803912x^{38} - 1616925x^{37} + 2862971x^{36} + 6737351x^{35} - 6682722x^{34} - 20332304x^{33} + 8973352 \times x^{32} + 45204899x^{31} - 952521x^{30} - 74424183x^{29} - 25156233x^{28} + 89577360x^{27} + 63447726x^{26} - 74526621 \times x^{25} - 92445634x^{24} + 33397428x^{23} + 92473854x^{22} + 9959973x^{21} - 64276867x^{20} - 32477117x^{19} + 27622515 \times x^{18} + 29994978x^{17} - 2723035x^{16} - 15734265x^{15} - 5105994x^{14} + 4259045x^{13} + 3543096x^{12} + 45182 \times x^{11} - 992863x^{10} - 405305x^9 + 57727x^8 + 99628x^7 + 29633x^6 - 2057x^5 - 4130x^4 - 1403x^3 - 249x^2 - 24x - 1$

$\mathbf{d = 48; r_1 = 32}$;

Disc $= 1409080148571552324186418920112662302932987211656596032160764132992617153141 1456$

$R = 44.55907$

$P = T_{48} + 11T_{46} + 67T_{44} + 296T_{42} + 1067T_{40} + 3310T_{38} + 9132T_{36} + 22830T_{34} + 52320T_{32} + 110754 \times T_{30} + 217708T_{28} + 398976T_{26} + 683787T_{24} + 1098566T_{22} + 1657312T_{20} + 2350095T_{18} + 3132855T_{16} + 3922660 \times T_{14} + 4602334T_{12} + 5036413T_{10} + 5096998T_8 + 4694293T_6 + 3803808T_4 + 2481751T_2 + 862567$

$\mathbf{d = 48; r_1 = 34}$;

Disc $= -2246411740765623373478916652158137006598893690972342490952262478371029604238672451$

$R = 49.52480$

$P = x^{48} + 13x^{47} + 33x^{46} - 253x^{45} - 1377x^{44} + 1231x^{43} + 20028x^{42} + 13707x^{41} - 172265x^{40} - 268772 \times x^{39} + 1045426x^{38} + 2286303x^{37} - 5029480x^{36} - 12688109x^{35} + 20930092x^{34} + 49989377x^{33} - 77437659 \times x^{32} - 140637890x^{31} + 243781668x^{30} + 267789721x^{29} - 607477844x^{28} - 281187968x^{27} + 1122224117 \times x^{26} - 49660680x^{25} - 1443868071x^{24} + 690239103x^{23} + 1173065106x^{22} - 1151968220x^{21} - 427835525 \times x^{20} + 1012471700x^{19} - 179799416x^{18} - 485375526x^{17} + 299639984x^{16} + 81344320x^{15} - 147995194x^{14} + 34525936x^{13} + 28414624x^{12} - 19812459x^{11} + 1682153x^{10} + 2872697x^9 - 1274790x^8 + 94916x^7 + 86116 \times x^6 - 29887x^5 + 2497x^4 + 713x^3 - 219x^2 + 24x - 1$

$\mathbf{d = 48; r_1 = 36}$;

Disc $= 540087128760536325819790914648354271219240252859255200153600000000000000000000000$

$R = 50.43821$

$P = x^{48} - 31x^{46} + 417x^{44} - 3225x^{42} + 15976x^{40} - 53190x^{38} + 120433x^{36} - 179979x^{34} + 154302x^{32} - 14620 \times x^{30} - 154255x^{28} + 250640x^{26} - 272939x^{24} + 250640x^{22} - 154255x^{20} - 14620x^{18} + 154302x^{16} - 179979 \times x^{14} + 120433x^{12} - 53190x^{10} + 15976x^8 - 3225x^6 + 417x^4 - 31x^2 + 1$

$\mathbf{d = 48; r_1 = 38}$;

Disc $= -1018975252480348229401124888810393948108184327065827133704763672403743893803136712704$

$R = 56.25616$

$P = T_{48} + T_{46} + 2T_{44} + 3T_{42} + 4T_{40} + 6T_{38} + 7T_{36} + 9T_{34} + 11T_{32} + 13T_{30} + 14T_{28} + 17T_{26} + 17T_{24} + 20 \times T_{22} + 19T_{20} + 21T_{18} + 20T_{16} + 19T_{14} + 19T_{12} + 16T_{10} + 15T_8 + 11T_6 + 9T_4 + 5T_2 + 2$

$\mathbf{d = 48; r_1 = 40}$;

Disc $= 4947813822193568976451634116548703118748602027703752450282552196248486308608042078 93$

$R = 55.41580$

$P = T_{48} + 2T_{47} - 2T_{45} + 2T_{43} + 4T_{42} + 6T_{41} - 6T_{39} + 6T_{37} + 7T_{36} + 8T_{35} - 8T_{33} + 8T_{31} + 6T_{30} + 4 \times T_{29} - T_{28} - 6T_{27} + T_{26} + 8T_{25} + 4T_{24} - 2T_{22} - 4T_{21} + 2T_{20} + 8T_{19} + 4T_{18} - 2T_{16} - 6T_{15} - 2T_{14} + 7T_{13} + 7 \times T_{12} + 3T_{11} - T_{10} - 8T_9 - 6T_8 + 6T_7 + 9T_6 + 3T_5 - 3T_4 - 8T_3 - 4T_2 + 6T_1 + 7$

$\mathbf{d = 48; r_1 = 42}$;

Disc $= -785222956457403298864073597704609978980290222822234251171131603769026696681976318359375$

$R = 64.61188$

$P = x^{48} + 18x^{47} + 59x^{46} - 792x^{45} - 7005x^{44} - 12680x^{43} + 55336x^{42} + 196329x^{41} - 260626x^{40} - 1386675 \times x^{39} + 1210310x^{38} + 6638568x^{37} - 6271444x^{36} - 22710035x^{35} + 28898791x^{34} + 52968113x^{33} - 99909837x^{32} - 69668131x^{31} + 243610008x^{30} - 8079172x^{29} - 401579676x^{28} + 244967015x^{27} + 403382919x^{26} - 536916527 \times x^{25} - 136156953x^{24} + 621786598x^{23} - 236309620x^{22} - 381724857x^{21} + 399107825x^{20} + 35655891x^{19} - 271400689x^{18} + 131369064x^{17} + 68758133x^{16} - 98953923x^{15} + 23236721x^{14} + 25511506x^{13} - 20692238 \times x^{12} + 2577274x^{11} + 4140210x^{10} - 2502824x^9 + 340629x^8 + 250184x^7 - 150480x^6 + 35816x^5 - 2594x^4 - 736 \times x^3 + 220x^2 - 24x + 1$

$\mathbf{d = 48; r_1 = 44}$;

Disc $= 28272292891591861542184892030139099215611369528410123013781868868528815856815202826715136$

$R = 69.62043$

$P = x^{48} - 38x^{46} + 645x^{44} - 6477x^{42} + 42910x^{40} - 197586x^{38} + 646436x^{36} - 1497024x^{34} + 2345502 \times x^{32} - 2067075x^{30} - 213690x^{28} + 3484407x^{26} - 5076023x^{24} + 3484407x^{22} - 213690x^{20} - 2067075x^{18} + 2345502x^{16} - 1497024x^{14} + 646436x^{12} - 197586x^{10} + 42910x^8 - 6477x^6 + 645x^4 - 38x^2 + 1$

$\mathbf{d = 48; r_1 = 46}$;

Disc $= -20676857510560393262624648510207342628090095724856378413734453951281956843942624949027471 36$

$R = 76.13294$

$P = x^{48} - 47x^{46} + 972x^{44} - 11846x^{42} + 95765x^{40} - 546363x^{38} + 2277796x^{36} - 7060575x^{34} + 16296613 \times x^{32} - 27417721x^{30} + 31126637x^{28} - 16489600x^{26} - 16250985x^{24} + 49966777x^{22} - 64117090x^{20} + 54058257 \times x^{18} - 32569315x^{16} + 14348657x^{14} - 4630347x^{12} + 1083181x^{10} - 179713x^8 + 20360x^6 - 1474x^4 + 60x^2 - 1$

$\mathbf{d = 48; r_1 = 48}$;

Disc $= 7365320703664526472074078631881770207069308850176000000000000000000000000000000000000000$

$R = 58.62279$

$P = T_{48} - 2T_{46} + 2T_{44} - T_{42} + T_{38} - 2T_{36} + 3T_{34} - 3T_{32} + 2T_{30} - T_{28} + T_{24} - 2T_{22} + 2T_{20} - 2T_{18} + 2 \times T_{16} - 2T_{14} + T_{12} - T_8 + T_6 - T_4 + T_2 - 1$

$\mathbf{d = 49; r_1 = 1}$;

Disc = 20271266588355321943035203080629175062845334305269613505514964158606 4

$R = 24.77525$

$P = x^{49} + 14x^{48} + 93x^{47} + 360x^{46} + 723x^{45} - 409x^{44} - 7953x^{43} - 24989x^{42} - 18887x^{41} + 160655 \times x^{40} + 838166x^{39} + 2197042x^{38} + 2864668x^{37} - 3339278x^{36} - 32075573x^{35} - 111663542x^{34} - 279770945 \times x^{33} - 570525901x^{32} - 996669390x^{31} - 1540108558x^{30} - 2163332360x^{29} - 2837643598x^{28} - 3562913520 \times x^{27} - 4351311689x^{26} - 5176258933x^{25} - 5927028817x^{24} - 6418730345x^{23} - 6469045631x^{22} - 5996832411 \times x^{21} - 5075055212x^{20} - 3902730511x^{19} - 2718000529x^{18} - 1708516085x^{17} - 964808518x^{16} - 485780306 \times x^{15} - 215331651x^{14} - 82204561x^{13} - 25948907x^{12} - 6205820x^{11} - 860547x^{10} + 31526x^{9} + 8085x^{8} - 43846 \times x^{7} - 38389x^{6} - 18838x^{5} - 6459x^{4} - 1618x^{3} - 290x^{2} - 34x - 2$

$\mathbf{d = 49; r_1 = 3}$;

Disc = $-2313838406360373473480504711778430856414631237561724610803533475071589 19$

$R = 28.60322$

$P = x^{49} + 10x^{48} + 34x^{47} - 3x^{46} - 341x^{45} - 790x^{44} + 635x^{43} + 5631x^{42} + 5938x^{41} - 16142x^{40} - 45286 \times x^{39} + 1189x^{38} + 148885x^{37} + 159272x^{36} - 243042x^{35} - 638111x^{34} - 24385x^{33} + 1353373x^{32} + 1183692 \times x^{31} - 1563311x^{30} - 3241169x^{29} + 128025x^{28} + 4935639x^{27} + 3169072x^{26} - 4330673x^{25} - 6550306x^{24} + 888326x^{23} + 7363797x^{22} + 3317622x^{21} - 4802958x^{20} - 5326116x^{19} + 938234x^{18} + 4250724x^{17} + 1473482 \times x^{16} - 1831308x^{15} - 1655867x^{14} + 149019x^{13} + 804129x^{12} + 291589x^{11} - 161446x^{10} - 159657x^{9} - 21594 \times x^{8} + 29278x^{7} + 16208x^{6} + 1458x^{5} - 1708x^{4} - 841x^{3} - 185x^{2} - 21x - 1$

$\mathbf{d = 49; r_1 = 5}$;

Disc = 8654150302751659888750831940253043152176529066342132668730833719468999 93

$R = 29.38371$

$P = x^{49} + 18x^{48} + 156x^{47} + 847x^{46} + 3098x^{45} + 7277x^{44} + 6385x^{43} - 29797x^{42} - 167737x^{41} - 468897 \times x^{40} - 812635x^{39} - 591509x^{38} + 1392783x^{37} + 6110594x^{36} + 12035015x^{35} + 12505806x^{34} - 3371904x^{33} - 40809773x^{32} - 78542510x^{31} - 45983617x^{30} + 180189282x^{29} + 736751604x^{28} + 1690015902x^{27} + 2945677931 \times x^{26} + 4220845074x^{25} + 5128717673x^{24} + 5353981298x^{23} + 4818730361x^{22} + 3726687965x^{21} + 2451939486 \times x^{20} + 1348269627x^{19} + 603798658x^{18} + 216385283x^{17} + 70247440x^{16} + 36259497x^{15} + 31457336x^{14} + 24811292x^{13} + 14547349x^{12} + 5886247x^{11} + 1192032x^{10} - 381236x^{9} - 509151x^{8} - 287279x^{7} - 113810 \times x^{6} - 34741x^{5} - 8368x^{4} - 1576x^{3} - 222x^{2} - 21x - 1$

$\mathbf{d = 49; r_1 = 7}$;

Disc = $-1900474984641438498277062695097773854050922728607437031452744994537643509 87$

$R = 32.80161$

$P = x^{49} + 10x^{48} + 40x^{47} + 67x^{46} - 26x^{45} - 287x^{44} - 344x^{43} + 222x^{42} + 728x^{41} + 144x^{40} - 442x^{39} + 173 \times x^{38} - 170x^{37} - 1218x^{36} + 1106x^{35} + 1700x^{34} - 4041x^{33} - 1142x^{32} + 9107x^{31} - 364x^{30} - 12186x^{29} + 3201 \times x^{28} + 8343x^{27} - 5593x^{26} + 2023x^{25} + 2556x^{24} - 11118x^{23} + 7440x^{22} + 9787x^{21} - 16452x^{20} + 1799x^{19} + 14334 \times x^{18} - 11934x^{17} - 2562x^{16} + 10598x^{15} - 6445x^{14} - 1820x^{13} + 5624x^{12} - 3456x^{11} - 611x^{10} + 2396x^{9} - 1413 \times x^{8} - 132x^{7} + 646x^{6} - 344x^{5} + 11x^{4} + 75x^{3} - 41x^{2} + 10x - 1$

$\mathbf{d = 49; r_1 = 9}$;

Disc = 5630187249225770484114621114448781489322992499031194477964713512873921380 09

$R = 33.53674$

$P = x^{49} - 16x^{47} + 4x^{46} + 120x^{45} - 60x^{44} - 562x^{43} + 420x^{42} + 1848x^{41} - 1850x^{40} - 4556x^{39} + 5850 \times x^{38} + 8795x^{37} - 14349x^{36} - 13682x^{35} + 28665x^{34} + 17414x^{33} - 48103x^{32} - 18314x^{31} + 69168x^{30} + 16479 \times x^{29} - 86167x^{28} - 14225x^{27} + 93294x^{26} + 14316x^{25} - 87636x^{24} - 17980x^{23} + 70653x^{22} + 23902x^{21} - 46984 \times x^{20} - 28200x^{19} + 23049x^{18} + 27328x^{17} - 4817x^{16} - 21316x^{15} - 5229x^{14} + 12832x^{13} + 7906x^{12} - 5247 \times x^{11} - 5965x^{10} + 922x^{9} + 3005x^{8} + 504x^{7} - 990x^{6} - 539x^{5} + 68x^{4} + 163x^{3} + 68x^{2} + 13x + 1$

$\mathbf{d = 49; r_1 = 11}$;

Disc = $-1249479401072484036569413723079901138337211217109884559531124392329262723 8311$

$R = 35.72683$

$P = T_{49} + 4T_{47} + 10T_{45} + 22T_{43} + 43T_{41} + 76T_{39} + 125T_{37} + 194T_{35} + 286T_{33} + 403T_{31} + 545T_{29} + 709 \times T_{27} + 890T_{25} + 1079T_{23} + 1264T_{21} + 1432T_{19} + 1568T_{17} + 1657T_{15} + 1686T_{13} + 1645T_{11} + 1528T_{9} + 1335 \times T_{7} + 1072T_{5} + 750T_{3} + 386T_{1} - 1$

$\mathbf{d = 49; r_1 = 13}$;

Disc = 5889556518223208837889685342105587043048503628438591922164309143477462808621

$R = 35.18262$

$P = T_{49} + 8T_{48} + 37T_{47} + 132T_{46} + 399T_{45} + 1066T_{44} + 2585T_{43} + 5794T_{42} + 12158T_{41} + 24110T_{40} + 45515 \times T_{39} + 82274T_{38} + 143070T_{37} + 240252T_{36} + 390834T_{35} + 617548T_{34} + 949872T_{33} + 1424926T_{32} + 2088091 \times T_{31} + 2993189T_{30} + 4202054T_{29} + 5783330T_{28} + 7810341T_{27} + 10357929T_{26} + 13498242T_{25} + 17295502T_{24} + 21799904T_{23} + 27040939T_{22} + 33020500T_{21} + 39706251T_{20} + 47025827T_{19} + 54862460T_{18} + 63052621T_{17} + 71386188T_{16} + 79609582T_{15} + 87432104T_{14} + 94535474T_{13} + 100586398T_{12} + 105251656T_{11} + 108214986 \times T_{10} + 109194844T_9 + 107961906T_8 + 104355162T_7 + 98295399T_6 + 89795001T_5 + 78963214T_4 + 66006227 \times T_3 + 51221842T_2 + 34988828T_1 + 17751444$

$\mathbf{d = 49; r_1 = 15}$;

Disc $= -5974090001017497124714402992288517022124159569424372133451510565914883398302 91$

$R = 38.66080$

$P = x^{49} - 16x^{47} - 3x^{46} + 72x^{45} + 45x^{44} + 17x^{43} + 277x^{42} - 1218x^{41} - 5387x^{40} - 401x^{39} + 29809x^{38} + 50660 \times x^{37} - 61751x^{36} - 304799x^{35} - 142251x^{34} + 903380x^{33} + 1373493x^{32} - 1209661x^{31} - 4516225x^{30} - 1115776 \times x^{29} + 8269255x^{28} + 8552264x^{27} - 7310481x^{26} - 18446352x^{25} - 3228335x^{24} + 21084665x^{23} + 18426190 \times x^{22} - 9703910x^{21} - 24360794x^{20} - 7575316x^{19} + 14712158x^{18} + 15061567x^{17} - 277472x^{16} - 9349871 \times x^{15} - 5655029x^{14} + 1192348x^{13} + 3265880x^{12} + 1484964x^{11} - 287716x^{10} - 642373x^9 - 295926x^8 - 15746 \times x^7 + 52821x^6 + 33087x^5 + 11112x^4 + 2387x^3 + 330x^2 + 27x + 1$

$\mathbf{d = 49; r_1 = 17}$;

Disc $= 290076469147514935138662669289470777640502669726910874672054894940714358161 9269$

$R = 39.92784$

$P = T_{49} + 8T_{47} + 36T_{45} + 120T_{43} + 330T_{41} + 790T_{39} + 1697T_{37} + 3335T_{35} - 2T_{34} + 6072T_{33} - 12T_{32} + 10338 \times T_{31} - 42T_{30} + 16573T_{29} - 112T_{28} + 25146T_{27} - 250T_{26} + 36246T_{25} - 488T_{24} + 49771T_{23} - 854T_{22} + 65227 \times T_{21} - 1363T_{20} + 81674T_{19} - 2001T_{18} + 97734T_{17} - 2723T_{16} + 111684T_{15} - 3447T_{14} + 121636T_{13} - 4063 \times T_{12} + 125785T_{11} - 4449T_{10} + 122691T_9 - 4495T_8 + 111542T_7 - 4129T_6 + 92352T_5 - 3337T_4 + 66054 \times T_3 - 2173T_2 + 34446T_1 - 755$

$\mathbf{d = 49; r_1 = 19}$;

Disc $= -1835806248490142458416684148275491686931229651775412717225648302764696235412 3343$

$R = 41.45998$

$P = x^{49} + 5x^{48} - 16x^{47} - 131x^{46} - 55x^{45} + 1365x^{44} + 2910x^{43} - 5739x^{42} - 28385x^{41} - 8329x^{40} + 134713x^{39} + 216931x^{38} - 281626x^{37} - 1142962x^{36} - 361680x^{35} + 3079332x^{34} + 4217051x^{33} - 3509902x^{32} - 13063543 \times x^{31} - 4818574x^{30} + 20733506x^{29} + 26595323x^{28} - 10934102x^{27} - 48480003x^{26} - 24025100x^{25} + 41966991 \times x^{24} + 59787435x^{23} + 222645x^{22} - 58054899x^{21} - 41814558x^{20} + 18227885x^{19} + 44010831x^{18} + 17307769 \times x^{17} - 16097056x^{16} - 20465389x^{15} - 4859803x^{14} + 6536725x^{13} + 6169670x^{12} + 1334613x^{11} - 1281302 \times x^{10} - 1178054x^9 - 365510x^8 + 55353x^7 + 105046x^6 + 51861x^5 + 15348x^4 + 2998x^3 + 382x^2 + 29x + 1$

$\mathbf{d = 49; r_1 = 21}$;

Disc $= 3176306462336568697898451865815230035642179482351002995159982883116888341098 66209$

$R = 43.94368$

$P = x^{49} + 3x^{48} + 3x^{47} - 3x^{46} + 172x^{45} + 541x^{44} - 1395x^{43} - 8687x^{42} - 6384x^{41} + 43193x^{40} + 108508 \times x^{39} - 19542x^{38} - 464260x^{37} - 626865x^{36} + 563438x^{35} + 2560955x^{34} + 1973741x^{33} - 3427038x^{32} - 8445621 \times x^{31} - 3461265x^{30} + 11026126x^{29} + 17952200x^{28} + 2750274x^{27} - 21999471x^{26} - 25576508x^{25} + 1149047 \times x^{24} + 28873141x^{23} + 24886621x^{22} - 5054298x^{21} - 25464080x^{20} - 16653028x^{19} + 5372638x^{18} + 15072128 \times x^{17} + 7681540x^{16} - 2965276x^{15} - 5863175x^{14} - 2456254x^{13} + 871331x^{12} + 1430339x^{11} + 546986x^{10} - 107092 \times x^9 - 197128x^8 - 80189x^7 - 3796x^6 + 10846x^5 + 5737x^4 + 1564x^3 + 256x^2 + 24x + 1$

$\mathbf{d = 49; r_1 = 23}$;

Disc $= -7397676439147324509678541669897018324634548804427890412983544136434343741348 79187$

$R = 44.70846$

$P = T_{49} + 5T_{47} + T_{46} + 15T_{45} + 4T_{44} + 36T_{43} + 10T_{42} + 74T_{41} + 21T_{40} + 136T_{39} + 39T_{38} + 231T_{37} + 66 \times T_{36} + 367T_{35} + 105T_{34} + 551T_{33} + 157T_{32} + 788T_{31} + 223T_{30} + 1078T_{29} + 303T_{28} + 1416T_{27} + 395T_{26} + 1791 \times T_{25} + 495T_{24} + 2185T_{23} + 598T_{22} + 2574T_{21} + 697T_{20} + 2929T_{19} + 784T_{18} + 3219T_{17} + 850T_{16} + 3412 \times T_{15} + 888T_{14} + 3480T_{13} + 890T_{12} + 3402T_{11} + 852T_{10} + 3165T_9 + 772T_8 + 2769T_7 + 651T_6 + 2225T_5 + 494 \times T_4 + 1559T_3 + 309T_2 + 802T_1 + 105$

$\mathbf{d = 49; r_1 = 25}$;

Disc $= 5085225130308227408298789170252291946463595064018751345448281011456670685509287 973$

$R = 46.50244$

$P = T_{49} + 4T_{48} + 11T_{47} + 24T_{46} + 46T_{45} + 80T_{44} + 130T_{43} + 200T_{42} + 295T_{41} + 420T_{40} + 581T_{39} + 781 \times T_{38} + 1026T_{37} + 1318T_{36} + 1662T_{35} + 2059T_{34} + 2513T_{33} + 3024T_{32} + 3595T_{31} + 4225T_{30} + 4914T_{29} + 5658 \times T_{28} + 6453T_{27} + 7291T_{26} + 8164T_{25} + 9060T_{24} + 9967T_{23} + 10869T_{22} + 11752T_{21} + 12592T_{20} + 13373 \times T_{19} + 14073T_{18} + 14676T_{17} + 15162T_{16} + 15517T_{15} + 15729T_{14} + 15786T_{13} + 15680T_{12} + 15403T_{11} + 14951 \times T_{10} + 14321T_9 + 13514T_8 + 12534T_7 + 11389T_6 + 10089T_5 + 8647T_4 + 7082T_3 + 5410T_2 + 3655T_1 + 1841$

$\mathbf{d = 49; r_1 = 27}$;

Disc $= -188364399881472637160119576453896304797012282615867607166942516414674353554746225 9$

$R = 45.56941$

$P = T_{49} + 3T_{47} + 6T_{45} + 10T_{43} - T_{42} + 15T_{41} - 2T_{40} + 21T_{39} - 3T_{38} + 28T_{37} - 4T_{36} + 36T_{35} - 5T_{34} + 45 \times T_{33} - 6T_{32} + 55T_{31} - 7T_{30} + 64T_{29} - 7T_{28} + 72T_{27} - 7T_{26} + 79T_{25} - 7T_{24} + 85T_{23} - 7T_{22} + 90T_{21} - 7 \times T_{20} + 93T_{19} - 7T_{18} + 94T_{17} - 7T_{16} + 93T_{15} - 7T_{14} + 89T_{13} - 7T_{12} + 82T_{11} - 7T_{10} + 73T_9 - 7T_8 + 62 \times T_7 - 7T_6 + 49T_5 - 5T_4 + 34T_3 - 3T_2 + 17T_1 - 1$

$\mathbf{d = 49; r_1 = 29}$;

Disc $= 810454776097992190120772673717412801739062228713079176544683238029954826713269600173$

$R = 51.57308$

$P = T_{49} + 2T_{47} + 3T_{45} + 4T_{43} + 5T_{41} + T_{40} + 6T_{39} + 2T_{38} + 7T_{37} + 3T_{36} + 8T_{35} + 4T_{34} + 9T_{33} + 5T_{32} + 10T_{31} + 6 \times T_{30} + 11T_{29} + 7T_{28} + 12T_{27} + 8T_{26} + 13T_{25} + 9T_{24} + 14T_{23} + 9T_{22} + 15T_{21} + 8T_{20} + 16T_{19} + 7T_{18} + 17T_{17} + 7 \times T_{16} + 16T_{15} + 7T_{14} + 14T_{13} + 8T_{12} + 12T_{11} + 8T_{10} + 10T_9 + 7T_8 + 8T_7 + 6T_6 + 6T_5 + 5T_4 + 4T_3 + 3T_2 + 2T_1 + 1$

$\mathbf{d = 49; r_1 = 31}$;

Disc $= -493751023495875020480465043717935805625472312992652390616911349429060826374675531993 1$

$R = 53.51049$

$P = T_{49} - T_{47} - T_{42} + T_{40} + T_{38} - T_{36} + T_{35} - T_{33} - T_{31} - T_{30} - T_{28} + T_{27} + T_{26} - T_{25} + T_{24} + T_{23} - T_{22} + T_{21} - 2 \times T_{19} - T_{17} + T_{15} - 2T_{14} + 2T_{12} - T_{11} + T_{10} + T_9 - 2T_8 + T_7 - T_5 + T_4 - T_3 + 2T_1 - 2$

$\mathbf{d = 49; r_1 = 33}$;

Disc $= 272650272576605325024308767625715561213319476640061164253925474698748452903966875621$

$R = 50.43912$

$P = T_{49} + T_{48} - T_{44} - T_{43} - T_{41} - T_{40} + T_{39} + T_{38} + T_{36} + T_{35} - T_{34} + T_{32} - T_{31} - T_{30} + T_{29} - T_{27} + T_{26} - 2 \times T_{24} + T_{22} - T_{21} + 2T_{19} - T_{18} - T_{17} + 2T_{16} - 2T_{14} + T_{13} - 3T_{11} + T_9 - 2T_8 + 2T_6 - T_5 + 3T_3 - T_1 + 2$

$\mathbf{d = 49; r_1 = 35}$;

Disc $= -199803444441620795586687855985676499669446323645906337418328031192013127929384694041511$

$R = 57.70810$

$P = T_{49} + T_{48} + 2T_{47} + 2T_{46} + 3T_{45} + 3T_{44} + 4T_{43} + 4T_{42} + 5T_{41} + 5T_{40} + 6T_{39} + 6T_{38} + 6T_{37} + 6T_{36} + 5 \times T_{35} + 5T_{34} + 4T_{33} + 4T_{32} + 3T_{31} + 4T_{30} + 3T_{29} + 5T_{28} + 4T_{27} + 6T_{26} + 5T_{25} + 7T_{24} + 5T_{23} + 7T_{22} + 5 \times T_{21} + 7T_{20} + 5T_{19} + 7T_{18} + 5T_{17} + 6T_{16} + 4T_{15} + 5T_{14} + 3T_{13} + 4T_{12} + 2T_{11} + 3T_{10} + 2T_9 + 3T_8 + 2T_7 + 3 \times T_6 + 2T_5 + 3T_4 + 2T_3 + 2T_2 + T_1 + 1$

$\mathbf{d = 49; r_1 = 37}$;

Disc $= 57883286583083066960408054289301944185799954399175890322591687110082444181581435447588 97$

$R = 61.81196$

$P = T_{49} - T_{37} - T_{29} + T_{25} - T_{21} + T_{17} + T_{14} - T_{13} + T_9 - T_5 + T_1$

$\mathbf{d = 49; r_1 = 39}$;

Disc $= -860744529198476648030217123745016108209899918844328820675156701263408527693779825132435 87$

$R = 65.31267$

$P = T_{49} + T_{48} + T_{47} - T_{46} - 2T_{45} - 3T_{44} - 2T_{43} + 3T_{41} + 4T_{40} + 3T_{39} - 3T_{37} - 4T_{36} - 3T_{35} + T_{34} + 4 \times T_{33} + 4T_{32} + T_{31} - 3T_{30} - 5T_{29} - 3T_{28} + T_{27} + 5T_{26} + 5T_{25} + 2T_{24} - 3T_{23} - 6T_{22} - 5T_{21} + 5T_{19} + 7T_{18} + 4 \times T_{17} - 2T_{16} - 6T_{15} - 7T_{14} - 2T_{13} + 3T_{12} + 6T_{11} + 4T_{10} - 4T_8 - 4T_7 - T_6 + 3T_5 + 4T_4 + 2T_3 - 2T_2 - 5T_1 - 4$

$\mathbf{d = 49; r_1 = 41}$;

Disc $= 5391633805181439675215010585559155162751886575747954317218029764191987011897969256948519009$

$R = 71.06696$

$P = x^{49} - 372x^{47} - 1962x^{46} + 15934x^{45} + 75639x^{44} - 301520x^{43} - 1164773x^{42} + 3124817x^{41} + 9973740x^{40} - 20060867x^{39} - 54572431x^{38} + 86530169x^{37} + 206205375x^{36} - 265212249x^{35} - 565694878x^{34} + 601096742 \times x^{33} + 1166792125x^{32} - 1037164478x^{31} - 1855964631x^{30} + 1391977200x^{29} + 2319958915x^{28} - 1476338054 \times x^{27} - 2310789553x^{26} + 1251677724x^{25} + 1852482994x^{24} - 854992153x^{23} - 1203322288x^{22} + 472733756x^{21} + 635745396x^{20} - 211915132x^{19} - 273438880x^{18} + 76904685x^{17} + 95548245x^{16} - 22481940x^{15} - 26978328 \times x^{14} + 5245786x^{13} + 6096454x^{12} - 962598x^{11} - 1086008x^{10} + 135751x^9 + 148995x^8 - 14190x^7 - 15180 \times x^6 + 1035x^5 + 1081x^4 - 47x^3 - 48x^2 + x + 1$

$\mathbf{d = 49; r_1 = 43}$;

$\text{Disc} = -3081355783833873301623441841970009985921300340307194316364588929338891938245013200110328031 31$

$R = 77.18366$

$P = T_{49} - T_{47} - 2T_{44} + 3T_{42} - 2T_{41} - 3T_{40} + T_{39} - 3T_{37} + 4T_{36} + 7T_{35} - T_{34} - 2T_{33} + T_{32} - 2T_{31} - 5 \times T_{30} + 4T_{29} + 7T_{28} - T_{27} - 4T_{26} - T_{25} - 4T_{24} - 8T_{23} + 3T_{22} + 7T_{21} - T_{20} - 3T_{19} + 2T_{18} - 2T_{17} - 4T_{16} + 7 \times T_{15} + 8T_{14} + T_{13} - 2T_{12} - 4T_{10} - 3T_9 + 4T_8 + 4T_7 - T_6 - 4T_5 - 3T_4 - 5T_3 - T_2 + 2T_1 + 2$

$\mathbf{d = 49; r_1 = 45}$;

$\text{Disc} = 7456550337106671437896914099253887965041159595320732696441623281853382103368190706249726553805 3$

$R = 86.33249$

$P = T_{49} + T_{47} - T_{45} + 2T_{44} - 3T_{43} + 4T_{42} - 4T_{41} + 5T_{40} - 5T_{39} + 6T_{38} - 6T_{37} + 7T_{36} - 7T_{35} + 8T_{34} - 8 \times T_{33} + 8T_{32} - 9T_{31} + 9T_{30} - 10T_{29} + 12T_{28} - 13T_{27} + 15T_{26} - 16T_{25} + 17T_{24} - 18T_{23} + 19T_{22} - 20T_{21} + 21 \times T_{20} - 20T_{19} + 19T_{18} - 18T_{17} + 17T_{16} - 15T_{15} + 15T_{14} - 13T_{13} + 13T_{12} - 13T_{11} + 13T_{10} - 13T_9 + 13 \times T_8 - 12T_7 + 12T_6 - 11T_5 + 11T_4 - 10T_3 + 8T_2 - 5T_1 + 3$

$\mathbf{d = 49; r_1 = 47}$;

$\text{Disc} = -1656119273128206137010868527195322310138959892712883604713743325127257900812870787642473896293748$

$R = 101.03486$

$P = T_{49} + 2T_{48} + 2T_{47} - T_{46} - 6T_{45} - 7T_{44} - T_{43} + 8T_{42} + 10T_{41} + T_{40} - 11T_{39} - 13T_{38} - T_{37} + 14 \times T_{36} + 16T_{35} + T_{34} - 17T_{33} - 19T_{32} - T_{31} + 20T_{30} + 22T_{29} + T_{28} - 23T_{27} - 25T_{26} - T_{25} + 26T_{24} + 30 \times T_{23} + 7T_{22} - 21T_{21} - 27T_{20} - 7T_{19} + 18T_{18} + 24T_{17} + 7T_{16} - 15T_{15} - 21T_{14} - 7T_{13} + 12T_{12} + 18T_{11} + 7 \times T_{10} - 9T_9 - 15T_8 - 7T_7 + 6T_6 + 12T_5 + 7T_4 - 3T_3 - 9T_2 - 9T_1 - 5$

$\mathbf{d = 49; r_1 = 49}$;

$\text{Disc} = 2574691553763902514298810287174158980244471303075919449320691798685083532199852750059914357711619 51$

$R = 123.03107$

$P = T_{49} + 2T_{48} + T_{47} - T_{45} - 3T_{44} - 5T_{43} - 5T_{42} - 5T_{41} - 5T_{40} - 4T_{39} - T_{38} + T_{36} + 3T_{35} + 4T_{34} + 3T_{33} + 4 \times T_{32} + 5T_{31} + 5T_{30} + 4T_{29} + 5T_{28} + 4T_{27} + 2T_{26} + T_{25} + T_{24} - T_{23} - T_{22} + 2T_{20} + 3T_{19} + 5T_{18} + 6T_{17} + 6 \times T_{16} + 5T_{15} + 5T_{14} + 4T_{13} + 4T_{12} + 3T_{11} + 3T_{10} + 4T_9 + 5T_8 + 5T_7 + 6T_6 + 6T_5 + 5T_4 + 4T_3 + 4T_2 + 3T_1 + 1$

$\mathbf{d = 50; r_1 = 0}$;

Disc $= -895760146632069877457131339453558759494895872731698211614861218 71$

$R = 19.90874$

$P = x^{50} + 12x^{49} + 78x^{48} + 366x^{47} + 1383x^{46} + 4447x^{45} + 12578x^{44} + 31986x^{43} + 74263x^{42} + 159206 \times x^{41} + 317878x^{40} + 595109x^{39} + 1050272x^{38} + 1754968x^{37} + 2786460x^{36} + 4216394x^{35} + 6095482x^{34} + 8436287x^{33} + 11197521x^{32} + 14273959x^{31} + 17495834x^{30} + 20640080x^{29} + 23453407x^{28} + 25684411 \times x^{27} + 27119293x^{26} + 27614449x^{25} + 27119293x^{24} + 25684411x^{23} + 23453407x^{22} + 20640080x^{21} + 17495834 \times x^{20} + 14273959x^{19} + 11197521x^{18} + 8436287x^{17} + 6095482x^{16} + 4216394x^{15} + 2786460x^{14} + 1754968 \times x^{13} + 1050272x^{12} + 595109x^{11} + 317878x^{10} + 159206x^{9} + 74263x^{8} + 31986x^{7} + 12578x^{6} + 4447x^{5} + 1383 \times x^{4} + 366x^{3} + 78x^{2} + 12x + 1$

$\mathbf{d = 50; r_1 = 2}$;

Disc $= 3137558799131217759626518922276197077132997477330223647352657250349$

$R = 21.37627$

$P = x^{50} + 11x^{49} + 49x^{48} + 100x^{47} + 28x^{46} - 298x^{45} - 563x^{44} - 83x^{43} + 1011x^{42} + 1221x^{41} - 421x^{40} - 2043 \times x^{39} - 637x^{38} + 2106x^{37} + 622x^{36} - 2445x^{35} + 801x^{34} + 2986x^{33} - 3226x^{32} - 1251x^{31} + 7140x^{30} - 4391 \times x^{29} - 12585x^{28} + 11366x^{27} + 16973x^{26} - 14557x^{25} - 16973x^{24} + 11366x^{23} + 12585x^{22} - 4391x^{21} - 7140 \times x^{20} - 1251x^{19} + 3226x^{18} + 2986x^{17} - 801x^{16} - 2445x^{15} - 622x^{14} + 2106x^{13} + 637x^{12} - 2043x^{11} + 421 \times x^{10} + 1221x^{9} - 1011x^{8} - 83x^{7} + 563x^{6} - 298x^{5} - 28x^{4} + 100x^{3} - 49x^{2} + 11x - 1$

$\mathbf{d = 50; r_1 = 4}$;

Disc $= -3303452119820037038029443252231544176949398938607955384238609334 7343$

$R = 22.40678$

$P = x^{50} + 2x^{49} + 14x^{48} + 26x^{47} + 101x^{46} + 172x^{45} + 481x^{44} + 748x^{43} + 1662x^{42} + 2347x^{41} + 4335x^{40} + 5506 \times x^{39} + 8595x^{38} + 9609x^{37} + 12501x^{36} + 11559x^{35} + 11293x^{34} + 6050x^{33} - 600x^{32} - 10938x^{31} - 24485 \times x^{30} - 36987x^{29} - 53165x^{28} - 61585x^{27} - 73041x^{26} - 71755x^{25} - 73041x^{24} - 61585x^{23} - 53165x^{22} - 36987 \times x^{21} - 24485x^{20} - 10938x^{19} - 600x^{18} + 6050x^{17} + 11293x^{16} + 11559x^{15} + 12501x^{14} + 9609x^{13} + 8595 \times x^{12} + 5506x^{11} + 4335x^{10} + 2347x^{9} + 1662x^{8} + 748x^{7} + 481x^{6} + 172x^{5} + 101x^{4} + 26x^{3} + 14x^{2} + 2x + 1$

$\mathbf{d = 50; r_1 = 6}$;

Disc $= 9014481715078282715589351060545052657934687636579196453365466415 4957$

$R = 22.86119$

$P = x^{50} + 12x^{49} + 80x^{48} + 386x^{47} + 1491x^{46} + 4869x^{45} + 13903x^{44} + 35514x^{43} + 82500x^{42} + 176443 \times x^{41} + 350713x^{40} + 652704x^{39} + 1144107x^{38} + 1897934x^{37} + 2991290x^{36} + 4493639x^{35} + 6451478x^{34} + 8871639x^{33} + 11706595x^{32} + 14845664x^{31} + 18115570x^{30} + 21292397x^{29} + 24124659x^{28} + 26364605 \times x^{27} + 27802636x^{26} + 28298435x^{25} + 27802636x^{24} + 26364605x^{23} + 24124659x^{22} + 21292397x^{21} + 18115570 \times x^{20} + 14845664x^{19} + 11706595x^{18} + 8871639x^{17} + 6451478x^{16} + 4493639x^{15} + 2991290x^{14} + 1897934 \times x^{13} + 1144107x^{12} + 652704x^{11} + 350713x^{10} + 176443x^{9} + 82500x^{8} + 35514x^{7} + 13903x^{6} + 4869x^{5} + 1491 \times x^{4} + 386x^{3} + 80x^{2} + 12x + 1$

$\mathbf{d = 50; r_1 = 8}$;

Disc $= -3135929998631185033489070551468083095481700022331669940986189261789511$

$R = 24.54298$

$P = x^{50} + 13x^{49} + 63x^{48} + 48x^{47} - 981x^{46} - 5508x^{45} - 12331x^{44} + 6354x^{43} + 136939x^{42} + 474903 \times x^{41} + 816389x^{40} + 66190x^{39} - 4048362x^{38} - 13695882x^{37} - 27349638x^{36} - 35709914x^{35} - 21973705x^{34} + 29223599x^{33} + 116242953x^{32} + 208889362x^{31} + 253952283x^{30} + 201753603x^{29} + 41103699x^{28} - 181207645 \times x^{27} - 374917690x^{26} - 451691005x^{25} - 374917690x^{24} - 181207645x^{23} + 41103699x^{22} + 201753603x^{21} + 253952283x^{20} + 208889362x^{19} + 116242953x^{18} + 29223599x^{17} - 21973705x^{16} - 35709914x^{15} - 27349638 \times x^{14} - 13695882x^{13} - 4048362x^{12} + 66190x^{11} + 816389x^{10} + 474903x^{9} + 136939x^{8} + 6354x^{7} - 12331 \times x^{6} - 5508x^{5} - 981x^{4} + 48x^{3} + 63x^{2} + 13x + 1$

$\mathbf{d = 50; r_1 = 10}$;

Disc $= 7260431420041177910175482977425029225672223428939383894839773583097709$

$R = 24.95854$

$P = x^{50} + 25x^{49} + 293x^{48} + 2132x^{47} + 10694x^{46} + 38410x^{45} + 96808x^{44} + 144232x^{43} - 35249x^{42} - 928483 \times x^{41} - 3025027x^{40} - 5748648x^{39} - 5820752x^{38} + 3059494x^{37} + 26110170x^{36} + 58050368x^{35} + 74516461x^{34} + 37322583x^{33} - 77364432x^{32} - 239174332x^{31} - 347239171x^{30} - 272384529x^{29} + 48146109x^{28} + 526824677 \times x^{27} + 934088788x^{26} + 1022783110x^{25} + 694805671x^{24} + 84193281x^{23} - 516090552x^{22} - 835138042x^{21} - 780159286x^{20} - 461540794x^{19} - 89244578x^{18} + 165725985x^{17} + 247667349x^{16} + 201759417x^{15} + 109468728 \times x^{14} + 31977906x^{13} - 8991117x^{12} - 19976854x^{11} - 16250411x^{10} - 9348431x^{9} - 4234132x^{8} - 1560111 \times x^{7} - 471196x^{6} - 115923x^{5} - 22811x^{4} - 3473x^{3} - 386x^{2} - 28x - 1$

$\mathbf{d = 50; r_1 = 12}$;

Disc $= -36820836604545196917409212653001469258341289633244710385889656435789804039$

$R = 29.60206$

$P = x^{50} + 3x^{49} - 11x^{48} - 77x^{47} - 81x^{46} + 522x^{45} + 1941x^{44} + 969x^{43} - 9614x^{42} - 26382x^{41} - 9636 \times x^{40} + 94853x^{39} + 226631x^{38} + 98136x^{37} - 553509x^{36} - 1290941x^{35} - 755250x^{34} + 1927742x^{33} + 4862443 \times x^{32} + 3636998x^{31} - 3772963x^{30} - 11864529x^{29} - 10516408x^{28} + 3453947x^{27} + 18761388x^{26} + 18720111 \times x^{25} + 190020x^{24} - 20118413x^{23} - 22384208x^{22} - 5304633x^{21} + 13131457x^{20} + 16166532x^{19} + 5042482x^{18} - 6040507x^{17} - 7156144x^{16} - 899959x^{15} + 4337230x^{14} + 4326281x^{13} + 1114575x^{12} - 1541574x^{11} - 2131806 \times x^{10} - 1419139x^{9} - 583103x^{8} - 128678x^{7} + 8434x^{6} + 18768x^{5} + 7772x^{4} + 1868x^{3} + 282x^{2} + 25x + 1$

$\mathbf{d = 50; r_1 = 14}$;

Disc $= 2734655811826068581819749123307310386532243881019730650195375376266176757 76$

$R = 30.81329$

$P = x^{50} - 40x^{48} + 744x^{46} - 8578x^{44} + 68772x^{42} - 407276x^{40} + 1847084x^{38} - 6565064x^{36} + 18570455 \times x^{34} - 42243747x^{32} + 77828645x^{30} - 116690745x^{28} + 142830573x^{26} - 142989468x^{24} + 117161106x^{22} - 78522639x^{20} + 42951263x^{18} - 19091862x^{16} + 6846892x^{14} - 1959129x^{12} + 439742x^{10} - 75456x^{8} + 9506 \times x^{6} - 822x^{4} + 43x^{2} - 1$

$\mathbf{d = 50; r_1 = 16}$;

Disc $= -3445272236857781450672882918166293675392399609181194060864893260371790986271$

$R = 32.41488$

$P = x^{50} + 21x^{49} + 214x^{48} + 1431x^{47} + 7158x^{46} + 28862x^{45} + 98350x^{44} + 292319x^{43} + 774791x^{42} + 1861056 \times x^{41} + 4100545x^{40} + 8365307x^{39} + 15917114x^{38} + 28413977x^{37} + 47812609x^{36} + 76133583x^{35} + 115084206 \times x^{34} + 165577735x^{33} + 227236222x^{32} + 298001820x^{31} + 373990278x^{30} + 449689316x^{29} + 518533751 \times x^{28} + 573794030x^{27} + 609621741x^{26} + 622035045x^{25} + 609621741x^{24} + 573794030x^{23} + 518533751 \times x^{22} + 449689316x^{21} + 373990278x^{20} + 298001820x^{19} + 227236222x^{18} + 165577735x^{17} + 115084206 \times x^{16} + 76133583x^{15} + 47812609x^{14} + 28413977x^{13} + 15917114x^{12} + 8365307x^{11} + 4100545x^{10} + 1861056 \times x^{9} + 774791x^{8} + 292319x^{7} + 98350x^{6} + 28862x^{5} + 7158x^{4} + 1431x^{3} + 214x^{2} + 21x + 1$

$\mathbf{d = 50; r_1 = 18}$;

Disc $= 1163572625921064277561659678401516753475009761627572886733723854302265724 4489$

$R = 33.21359$

$P = x^{50} + 16x^{49} + 90x^{48} + 113x^{47} - 922x^{46} - 3877x^{45} - 757x^{44} + 27073x^{43} + 52183x^{42} - 61081 \times x^{41} - 328171x^{40} - 193427x^{39} + 934980x^{38} + 1740026x^{37} - 759748x^{36} - 5498420x^{35} - 3845506x^{34} + 8815977 \times x^{33} + 16537659x^{32} - 2780292x^{31} - 32773533x^{30} - 20869558x^{29} + 36106238x^{28} + 54457772x^{27} - 12942655 \times x^{26} - 72873857x^{25} - 26170751x^{24} + 58857916x^{23} + 52410870x^{22} - 24451640x^{21} - 50155360x^{20} - 3958468 \times x^{19} + 30151104x^{18} + 13923849x^{17} - 10911087x^{16} - 10977928x^{15} + 836108x^{14} + 4916763x^{13} + 1606835 \times x^{12} - 1059456x^{11} - 938212x^{10} - 101838x^{9} + 185702x^{8} + 102850x^{7} + 11506x^{6} - 10764x^{5} - 6296x^{4} - 1724 \times x^{3} - 276x^{2} - 25x - 1$

$\mathbf{d = 50; r_1 = 20}$;

Disc $= -6001180420763401291503898866451267916251533972614172341433507225523255984 45379$

$R = 35.93890$

$P = x^{50} + 28x^{49} + 359x^{48} + 2771x^{47} + 14151x^{46} + 48680x^{45} + 103425x^{44} + 58335x^{43} - 493696x^{42} - 2285882 \times x^{41} - 5964443x^{40} - 11284818x^{39} - 16730622x^{38} - 20447969x^{37} - 22193425x^{36} - 24590431x^{35} - 31894562 \times x^{34} - 46075995x^{33} - 62731981x^{32} - 71161008x^{31} - 60629906x^{30} - 28649340x^{29} + 16271746x^{28} + 59927164 \times x^{27} + 90246680x^{26} + 100912385x^{25} + 90246680x^{24} + 59927164x^{23} + 16271746x^{22} - 28649340x^{21} - 60629906 \times x^{20} - 71161008x^{19} - 62731981x^{18} - 46075995x^{17} - 31894562x^{16} - 24590431x^{15} - 22193425x^{14} - 20447969 \times x^{13} - 16730622x^{12} - 11284818x^{11} - 5964443x^{10} - 2285882x^{9} - 493696x^{8} + 58335x^{7} + 103425x^{6} + 48680 \times x^{5} + 14151x^{4} + 2771x^{3} + 359x^{2} + 28x + 1$

$\mathbf{d = 50; r_1 = 22}$;

Disc $= 4214391171125607397002490689490903692302821930654787301310398489792086444984569$

$R = 37.36756$

$P = x^{50} + 22x^{49} + 211x^{48} + 1113x^{47} + 3131x^{46} + 1672x^{45} - 21158x^{44} - 78708x^{43} - 88853x^{42} + 192734 \times x^{41} + 838112x^{40} + 952285x^{39} - 1158861x^{38} - 5055165x^{37} - 5112682x^{36} + 4842284x^{35} + 18878903x^{34} + 16528135x^{33} - 13334081x^{32} - 45486476x^{31} - 35471651x^{30} + 22604760x^{29} + 72458780x^{28} + 53959622 \times x^{27} - 21198499x^{26} - 77140413x^{25} - 59635503x^{24} + 6667548x^{23} + 53986084x^{22} + 46564414x^{21} + 6743004 \times x^{20} - 22816960x^{19} - 23972386x^{18} - 8806475x^{17} + 3984610x^{16} + 7267843x^{15} + 4526825x^{14} + 1020813 \times x^{13} - 869088x^{12} - 1179404x^{11} - 725622x^{10} - 203313x^{9} + 76472x^{8} + 127028x^{7} + 81329x^{6} + 33856x^{5} + 9932 \times x^{4} + 2060x^{3} + 290x^{2} + 25x + 1$

$\mathbf{d = 50; r_1 = 24}$;

Disc $= -316806918240545983717822965862386579742057933626700236610233201553271987618735011$

$R = 40.73952$

$P = x^{50} + 5x^{49} - 14x^{48} - 158x^{47} - 282x^{46} + 1099x^{45} + 5829x^{44} + 6572x^{43} - 22443x^{42} - 89909x^{41} - 91693 \times x^{40} + 187190x^{39} + 727206x^{38} + 798394x^{37} - 682759x^{36} - 3415184x^{35} - 4316572x^{34} + 368439x^{33} + 9551541 \times x^{32} + 14597938x^{31} + 5917338x^{30} - 14809410x^{29} - 30777941x^{28} - 23463254x^{27} + 7280132x^{26} + 38481671 \times x^{25} + 43141142x^{24} + 15592746x^{23} - 22686897x^{22} - 42623154x^{21} - 32429010x^{20} - 4473976x^{19} + 19006614 \times x^{18} + 24767114x^{17} + 15315201x^{16} + 1835386x^{15} - 6550445x^{14} - 7767580x^{13} - 4820640x^{12} - 1438358 \times x^{11} + 503103x^{10} + 991845x^{9} + 757001x^{8} + 399674x^{7} + 160928x^{6} + 50600x^{5} + 12352x^{4} + 2276x^{3} + 299x^{2} + 25x + 1$

$\mathbf{d = 50; r_1 = 26}$;

Disc $= 17296331789899405906426258557205108460003808203401278733044582415265518897836749$

$R = 38.43785$

$P = x^{50} - 36x^{48} + 32x^{47} + 531x^{46} - 857x^{45} - 4014x^{44} + 9200x^{43} + 17263x^{42} - 54333x^{41} - 49486x^{40} + 218846 \times x^{39} + 114661x^{38} - 704198x^{37} - 230612x^{36} + 1962328x^{35} + 286909x^{34} - 4692370x^{33} + 219920x^{32} + 9308124 \times x^{31} - 1987333x^{30} - 15384253x^{29} + 5214089x^{28} + 22150230x^{27} - 10173220x^{26} - 28416190x^{25} + 18344908 \times x^{24} + 30177816x^{23} - 29163714x^{22} - 21829976x^{21} + 35426256x^{20} + 4949664x^{19} - 29365199x^{18} + 8978379 \times x^{17} + 14390673x^{16} - 11326272x^{15} - 2133787x^{14} + 5970845x^{13} - 1827439x^{12} - 1263898x^{11} + 1123664 \times x^{10} - 158794x^{9} - 192630x^{8} + 116556x^{7} - 17718x^{6} - 9154x^{5} + 6038x^{4} - 1700x^{3} + 275x^{2} - 25x + 1$

$\mathbf{d = 50; r_1 = 28}$;

Disc $= -6104687623823529182827510951106936955592172251576445481522090630386544706220090982 4$

$R = 45.25987$

$P = x^{50} - 36x^{48} + 578x^{46} - 5519x^{44} + 35255x^{42} - 160607x^{40} + 543236x^{38} - 1404780x^{36} + 2850582 \times x^{34} - 4672782x^{32} + 6410180x^{30} - 7625817x^{28} + 8006696x^{26} - 7309787x^{24} + 5592605x^{22} - 3470400 \times x^{20} + 1738802x^{18} - 733339x^{16} + 279188x^{14} - 95950x^{12} + 25982x^{10} - 4298x^{8} + 127x^{6} + 99x^{4} - 18x^{2} + 1$

$\mathbf{d = 50; r_1 = 30}$;

Disc $= 22490270262374476311623597210246514636442080230225133662765898705881461643422990336$

$R = 44.36494$

$P = x^{50} - 26x^{48} + 299x^{46} - 2061x^{44} + 9869x^{42} - 36831x^{40} + 117819x^{38} - 335903x^{36} + 829850x^{34} - 1695382 \times x^{32} + 2806195x^{30} - 3851483x^{28} + 4696019x^{26} - 5465420x^{24} + 6012409x^{22} - 5722723x^{20} + 4317944 \times x^{18} - 2435690x^{16} + 979817x^{14} - 263611x^{12} + 41199x^{10} - 1973x^{8} - 339x^{6} + 13x^{4} + 10x^{2} - 1$

$\mathbf{d = 50; r_1 = 32}$;

Disc $= -16646912567742683370081496570951826015960241702824013863774387316339467971712191031 44$

$R = 48.35336$

$P = x^{50} - 37x^{48} + 603x^{46} - 5773x^{44} + 36305x^{42} - 158166x^{40} + 488171x^{38} - 1064620x^{36} + 1581550 \times x^{34} - 1427743x^{32} + 496315x^{30} + 81411x^{28} + 1004155x^{26} - 3119392x^{24} + 3921863x^{22} - 2323851x^{20} - 143279 \times x^{18} + 1481364x^{16} - 1374513x^{14} + 728259x^{12} - 253896x^{10} + 59692x^{8} - 9267x^{6} + 893x^{4} - 47x^{2} + 1$

$\mathbf{d = 50; r_1 = 34}$;

Disc $= 88228636609036221861431931826044677884589281024967273478004252776599180250074612498432$

$R = 52.34946$

$P = T_{50} + T_{46} + T_{42} + 2T_{38} + 2T_{34} + 2T_{30} + 3T_{26} - T_{24} + 3T_{22} - T_{20} + 4T_{18} - 2T_{16} + 4T_{14} - 2T_{12} + 4 \times T_{10} - 3T_{8} + 5T_{6} - 4T_{4} + 4T_{2} - 4$

$\mathbf{d = 50; r_1 = 36}$;

Disc $= -84115029681071872424314498628992328982300612470117015474327195338869770948831972058 7264$

$R = 54.76429$

$P = x^{50} - 27x^{48} + 305x^{46} - 1817x^{44} + 5343x^{42} + 1336x^{40} - 83300x^{38} + 402071x^{36} - 1164998x^{34} + 2429702 \times x^{32} - 3941292x^{30} + 5223853x^{28} - 5825259x^{26} + 5503654x^{24} - 4377011x^{22} + 2941198x^{20} - 1734210 \times x^{18} + 951765x^{16} - 489848x^{14} + 218803x^{12} - 76928x^{10} + 19825x^{8} - 3557x^{6} + 421x^{4} - 30x^{2} + 1$

$\mathbf{d = 50; r_1 = 38}$;

Disc $= 4453693096676103536641405728675898509353647184271090294422421815589781207735381251850 24$

$R = 54.07225$

$P = T_{50} + T_{48} + 2T_{46} + T_{44} + 2T_{42} + T_{40} + 2T_{38} + T_{36} + 2T_{34} + T_{32} + 2T_{30} + T_{28} + T_{26} - T_{20} - T_{18} - 2 \times T_{16} - 3T_{14} - 2T_{12} - 3T_{10} - T_{8} - 2T_{6} - T_{2} + 1$

$\mathbf{d = 50; r_1 = 40}$;

Disc $= -10328402332671988076231465351770443473812055858419571369816138440730014682876773178697318 4$

$R = 60.29491$

$P = T_{50} - T_{48} + T_{46} - 2T_{42} + 2T_{40} - 2T_{38} + T_{36} + T_{34} - T_{32} + T_{30} - 2T_{26} + 2T_{24} - 2T_{22} + T_{20} + T_{18} - T_{16} + T_{14} - T_{12} - T_8 + T_6 + T_2$

$\mathbf{d = 50; r_1 = 42}$;

Disc $= 1342692303247358449910090495730157651595567261594544278076097997294901908773980513230651392$

$R = 63.46869$

$P = T_{50} - T_{48} + T_{46} - 2T_{44} + T_{36} + T_{34} - T_{32} + T_{30} - 2T_{28} + T_{20} + T_{18} - T_{16} + T_{14} - T_{12} + T_8 - T_6 + T_2 - 2$

$\mathbf{d = 50; r_1 = 44}$;

Disc $= -9532700230188438712041718157635607017095446950716409041862044934572614577464206421292550215$

$R = 66.00614$

$P = T_{50} + T_{49} + T_{47} + T_{46} - T_{45} + T_{43} - T_{42} + 2T_{40} + T_{39} - T_{38} + T_{37} + 3T_{36} - 2T_{35} - 2T_{34} + 4T_{33} - T_{32} - 4 \times T_{31} + 5T_{30} + 2T_{29} - 4T_{28} + 4T_{27} + 3T_{26} - 4T_{25} + T_{24} + T_{23} - 3T_{22} + T_{21} + 5T_{18} - 2T_{17} - T_{16} + 8T_{15} - 4 \times T_{14} - 6T_{13} + 9T_{12} - 2T_{11} - 9T_{10} + 10T_9 + 3T_8 - 9T_7 + 8T_6 + 5T_5 - 9T_4 + 3T_3 + 2T_2 - 7T_1 + 3$

$\mathbf{d = 50; r_1 = 46}$;

Disc $= 4903396031793702179445430865272344810304774774850527890169009823755114493954601411990362521 6$

$R = 68.20401$

$P = T_{50} - T_{48} - T_{46} + T_{44} + T_{42} - T_{40} - T_{38} + T_{36} + T_{34} - T_{32} - T_{30} + T_{28} - T_{24} - T_4 + 1$

$\mathbf{d = 50; r_1 = 48}$;

Disc $= -1278309698965678922387479667692270105013418084727665233279740634839952091763786812054718545657856$

$R = 83.58584$

$P = T_{50} + T_{48} - T_{46} - T_{44} + T_{40} + T_{38} + T_{36} - T_{32} + T_{28} + T_{22} + T_{20} - T_{12} + 2T_8 + T_6 - T_4 - T_2$

$\mathbf{d = 50; r_1 = 50}$;

Disc $= 5739718509874450722503596373155496473723952913926208601116951690812584274681285023689270019531 25$

$R = 82.25794$

$P = T_{50} - T_{48} + T_{25} - T_{23} + 1$

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