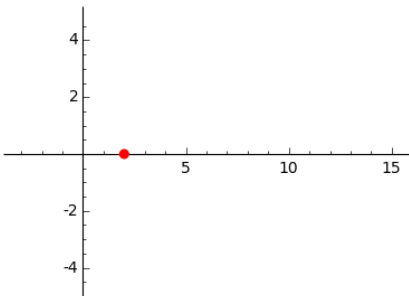
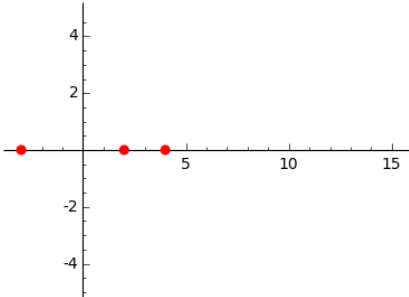
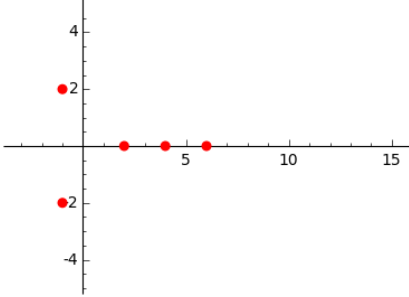


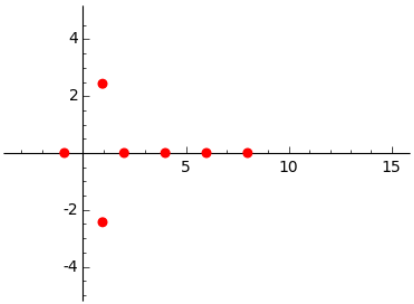
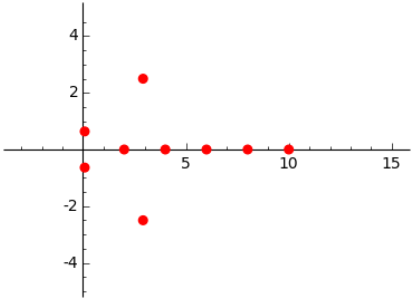
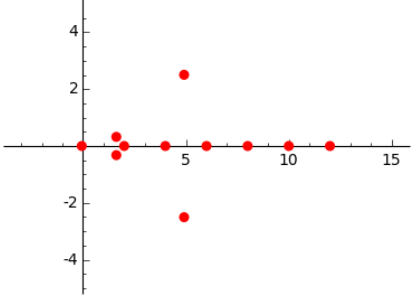
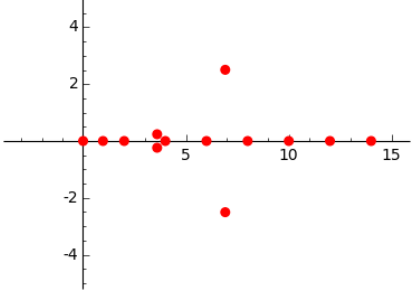
SUPPLEMENTAL DATA FOR PEAK POLYNOMIAL CONJECTURES

MATTHEW FAHRBACH

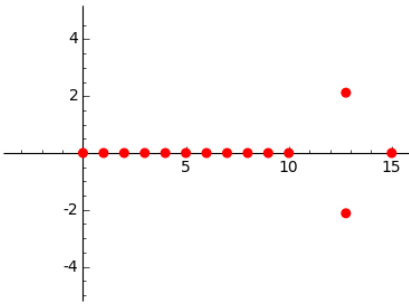
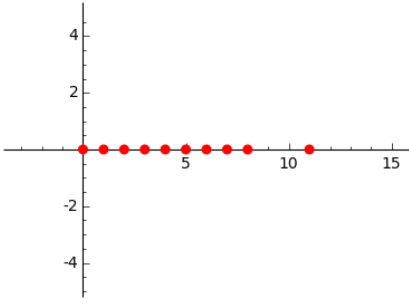
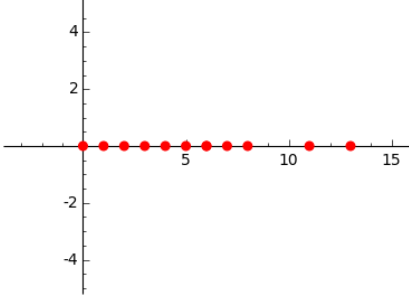
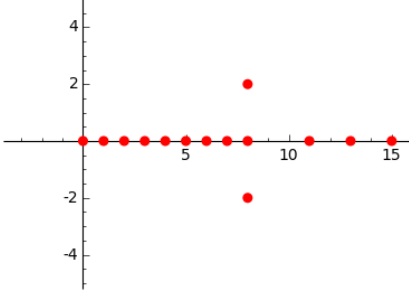
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2	$(x-2)$	1	
2, 4	$\frac{1}{6}(x-4)(x-2)(x+3)$	4, 4, 1	
2, 4, 6	$\frac{1}{30}(x-6)(x-4)(x-2)(x^2+2x+5)$	34, 68, 58, 24, 4	

Date: August 13, 2015.

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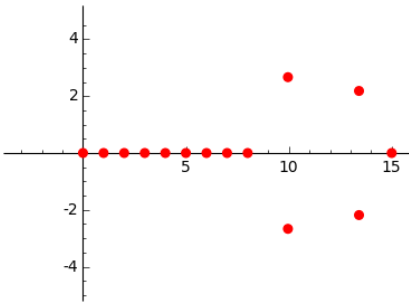
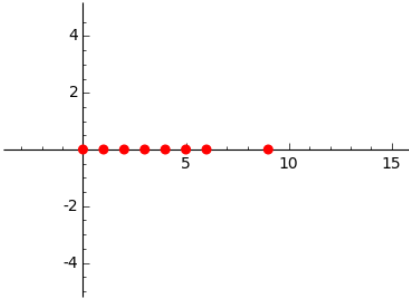
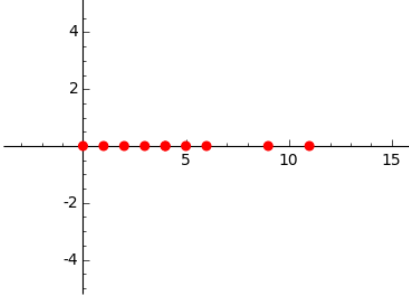
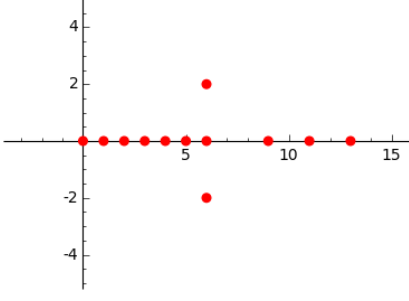
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 8	$\frac{17}{2520}(x-8)(x-6)(x-4)(x-2)(x^3-x^2+\frac{87}{17}x+\frac{105}{17})$	496, 1488, 2160, 1840, 944, 272, 34	
2, 4, 6, 8, 10	$\frac{31}{22680}(x-10)(x-8)(x-6)(x-4)(x-2)(x^4-6x^3+\frac{500}{31}x^2-\frac{150}{31}x+\frac{189}{31})$	11056, 44224, 90592, 116992, 101116, 58840, 22252, 4960, 496	
2, 4, 6, 8, 10, 12	$\frac{691}{2494800}(x-12)(x-10)(x-8)(x-6)(x-4)(x-2)(x^5-13x^4+\frac{44314}{691}x^3-\frac{83762}{691}x^2+\frac{51955}{691}x+\frac{3465}{691})$	349504, 1747520, 4621336, 8000224, 9733648, 8539744, 5407384, 2420416, 728704, 132672, 11056	
2, 4, 6, 8, 10, 12, 14	$\frac{5461}{97297200}(x-14)(x-12)(x-10)(x-8)(x-6)(x-4)(x-2)(x^6-22x^5+\frac{1021919}{5461}x^4-\frac{3996740}{5461}x^3+\frac{6880227}{5461}x^2-\frac{3763950}{5461}x+\frac{19305}{5461})$	14873104, 89238624, 289142640, 627692480, 985119472, 1155947872, 1027606672, 691686016, 347843296, 126909888, 31782752, 4893056, 349504	

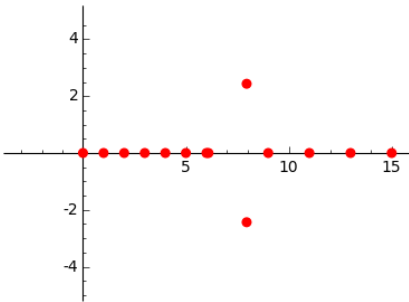
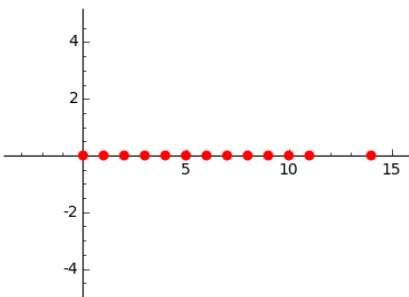
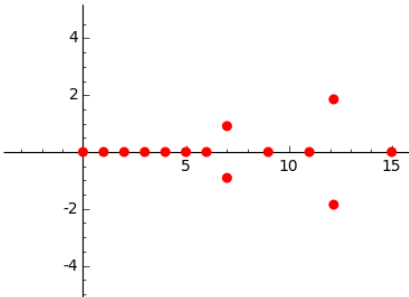
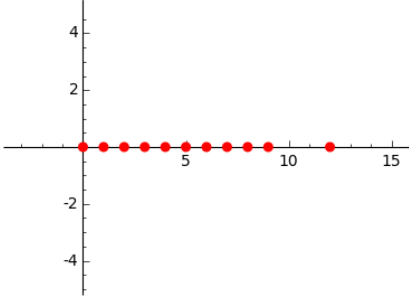
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 8, 10, 12, 15	$\frac{5461}{194594400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	97861120, 636097280, 2289950208, 5597656064, 9995814400, 13494349440, 13994140160, 11195312128, 6869850624, 3180486400, 1076472320, 251642880, 36348416, 2446528	
2, 4, 6, 8, 10, 13	$\frac{691}{4989600}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2012192, 11067056, 33201168, 66402336, 94860480, 99603504, 77469392, 44268224, 18109728, 5030480, 851312, 66336	
2, 4, 6, 8, 10, 13, 15	$\frac{691}{29937600}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	96585216, 627803904, 2224909440, 5331158976, 9327947200, 12350834496, 12580224384, 9899984640, 5984568576, 2733043200, 913579392, 211147488, 30182880, 2012192	
2, 4, 6, 8, 10, 14	$\frac{1457}{35380800}(x-14)(x-10)(x-8)(x-6)(x-4)(x-2)(x^7 - \frac{598816}{16027}x^6 + \frac{8681999}{16027}x^5 - \frac{61262984}{16027}x^4 + \frac{217451697}{16027}x^3 - \frac{353498928}{16027}x^2 + \frac{189761445}{16027}x + \frac{42120}{1457})$	7654888, 45929328, 154239192, 350177120, 574620664, 702642544, 648237544, 450985024, 233547232, 87459456, 22417664, 3523712, 256432	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 8, 10, 15	$\frac{587}{64864800}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{89989}{3522}x + \frac{295333}{1761})$	23508352, 152804288, 567687744, 1441435424, 2669981600, 3725422272, 3977425088, 3264037504, 2048143104, 967009600, 333020864, 79057296, 11577488, 788928	
2, 4, 6, 8, 11	$\frac{31}{45360}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	54560, 245520, 589248, 916608, 982080, 736560, 381920, 130944, 26784, 2480	
2, 4, 6, 8, 11, 13	$\frac{31}{272160}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	1985984, 10922912, 32201312, 62984064, 87950720, 90362272, 68877536, 38636416, 15540672, 4250720, 709280, 54560	
2, 4, 6, 8, 11, 13, 15	$\frac{31}{1360800}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - 16x + 68)$	96462080, 627003520, 2218627840, 5305414400, 9264744320, 12246299520, 12456424960, 9791912960, 5914407168, 2699420480, 901985920, 208419200, 29789760, 1985984	

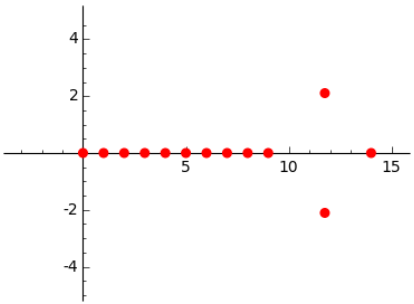
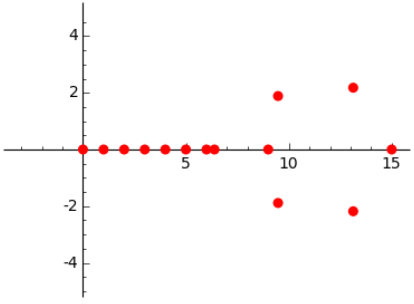
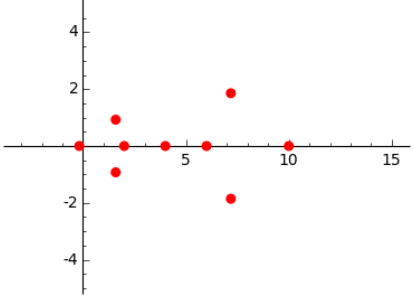
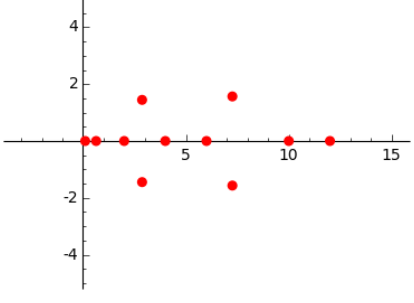
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 8, 11, 14	$\frac{31}{544320}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	12412400, 74474400, 245765520, 546145600, 877734000, 1053280800, 955754800, 655374720, 335134800, 124124000, 31508400, 4910400, 354640	
2, 4, 6, 8, 11, 15	$\frac{31}{1814400}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2 - \frac{73}{3}x + \frac{454}{3})$	51068160, 331943040, 1214287360, 3027207040, 5510331840, 7569500640, 7971573120, 6463872000, 4013600256, 1877513760, 641298240, 151131200, 21987680, 1489488	
2, 4, 6, 8, 12	$\frac{169}{831600}(x-12)(x-8)(x-6)(x-4)(x-2)(x^6 - \frac{13366}{507}x^5 + \frac{43001}{169}x^4 - \frac{546424}{507}x^3 + \frac{25515}{13}x^2 - \frac{547570}{507}x + \frac{5775}{169})$	179888, 899440, 2476972, 4511248, 5772376, 5305408, 3502508, 1626912, 506128, 94864, 8112	
2, 4, 6, 8, 12, 14	$\frac{11243}{389188800}(x-14)(x-12)(x-8)(x-6)(x-4)(x-2)(x^7 - 32x^6 + \frac{4530147}{11243}x^5 - \frac{28310540}{11243}x^4 + \frac{91138681}{11243}x^3 - \frac{137870280}{11243}x^2 + \frac{71303865}{11243}x + \frac{386100}{11243})$	7458328, 44749968, 145524200, 317412960, 500432264, 589500944, 525678744, 354667712, 178659952, 65257056, 16353584, 2518432, 179888	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 8, 12, 15	$\frac{11243}{778377600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	50368640, 327396160, 1178626176, 2881086208, 5144796800, 6945475680, 7202715520, 5762172416, 3535878528, 1636980800, 554055040, 129519360, 18708352, 1259216	
2, 4, 6, 8, 13	$\frac{191}{4276800}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{28813}{1337}x + \frac{161250}{1337})$	483392, 2658656, 8259680, 17228640, 25625600, 27899872, 22402016, 13162240, 5517120, 1565600, 269984, 21392	
2, 4, 6, 8, 13, 15	$\frac{83}{14968800}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 27x^2 + \frac{19745}{83}x - \frac{54986}{83})$	22635392, 147130048, 523144960, 1258866752, 2211722240, 2938895232, 3002140288, 2367852800, 1433789568, 655576160, 219317824, 50713376, 7250880, 483392	
2, 4, 6, 8, 14	$\frac{31}{3931200}(x-14)(x-8)(x-6)(x-4)(x-2)(x^8 - \frac{152417}{3069}x^7 + \frac{3093553}{3069}x^6 - \frac{3643757}{341}x^5 + \frac{192490799}{3069}x^4 - \frac{608845891}{3069}x^3 + \frac{102688595}{341}x^2 - \frac{52860815}{341}x + \frac{23400}{31})$	1137516, 6825096, 23598164, 55427440, 93927668, 118222088, 111894988, 79626848, 42070384, 16038272, 4177088, 666064, 49104	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 8, 15	$\frac{911}{778377600}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{42578}{911}x^3 + \frac{751643}{911}x^2 - \frac{5946436}{911}x + \frac{17874452}{911})$	2431424, 15804256, 60156928, 157016288, 298513280, 426457824, 465054016, 388972928, 248293440, 119058320, 41581408, 9998192, 1481376, 102032	
2, 4, 6, 9	$\frac{17}{5040}(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2040, 7140, 12852, 14280, 10200, 4590, 1190, 136	
2, 4, 6, 9, 11	$\frac{17}{30240}(x-11)(x-9)(x-6)(x-5)(x-3)(x-2)(x-1)x(x-4)^2$	53856, 242352, 569976, 863940, 901340, 658988, 333676, 111928, 22440, 2040	
2, 4, 6, 9, 11, 13	$\frac{17}{151200}(x-13)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-12x+40)$	1983696, 10910328, 32108648, 62661456, 87310912, 89540360, 68152728, 38189344, 15349776, 4196688, 700128, 53856	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 9, 11, 13, 15	$\frac{289}{12700800}(x-15)(x-13)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-22x^2+\frac{2824}{17}x-\frac{7168}{17})$	96462080, 627003520, 2218260096, 5303391808, 9259309760, 12237013440, 12445321376, 9782227312, 5908152528, 2696443440, 900966000, 208180368, 29755440, 1983696	
2, 4, 6, 9, 11, 14	$\frac{17}{302400}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	12252240, 73513440, 242594352, 539098560, 866408400, 1039690080, 943422480, 646918272, 330810480, 122522400, 31101840, 4847040, 350064	
2, 4, 6, 9, 11, 15	$\frac{17}{1016064}(x-15)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-\frac{959}{25}x^3+\frac{13566}{25}x^2-\frac{83464}{25}x+\frac{189056}{25})$	49786880, 323614720, 1184489280, 2954929120, 5382175520, 7397464320, 7793901872, 6322136392, 3926781720, 1837360680, 627714120, 147955896, 21528936, 1458600	
2, 4, 6, 9, 12	$\frac{17}{60480}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	291720, 1458600, 3938220, 7001280, 8751600, 7876440, 5105100, 2333760, 716040, 132600, 11220	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 9, 12, 14	$\frac{17}{362880}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	12252240, 73513440, 238626960, 519261600, 816816000, 960342240, 855057840, 576226560, 290026800, 105876000, 26524080, 4084080, 291720	
2, 4, 6, 9, 12, 15	$\frac{17}{725760}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	81681600, 530930400, 1911349440, 4672187520, 8343192000, 11263309200, 11680468800, 9344375040, 5734048320, 2654652000, 898497600, 210038400, 30338880, 2042040	
2, 4, 6, 9, 13	$\frac{17}{201600}(x-13)(x-9)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2(x^2 - \frac{61}{3}x + \frac{320}{3})$	1050192, 5776056, 17639336, 36056592, 52612144, 56310800, 44542176, 25830208, 10703472, 3006756, 513876, 40392	
2, 4, 6, 9, 13, 15	$\frac{17}{1411200}(x-15)(x-13)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - 33x^3 + 404x^2 - \frac{6508}{3}x + \frac{12992}{3})$	49786880, 323614720, 1148782752, 2758543216, 4836659120, 6415534800, 6544173392, 5155723144, 3119264856, 1425362280, 476648040, 110189376, 15752880, 1050192	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 9, 14	$\frac{17}{907200}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{47}{2}x + \frac{285}{2})$	3063060, 18378360, 62632284, 144693120, 241398300, 299596440, 280037940, 197075424, 103094460, 38953800, 10064340, 1593240, 116688	
2, 4, 6, 9, 15	$\frac{17}{5080320}(x-15)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5 - \frac{258}{5}x^4 + 1057x^3 - 10716x^2 + 53644x - \frac{528192}{5})$	7779200, 50564800, 190148400, 489603400, 918947240, 1297556280, 1400100824, 1159888444, 733986900, 349179660, 121075020, 28920672, 4259112, 291720	
2, 4, 6, 10	$\frac{13}{12960}(x-10)(x-6)(x-4)(x-2)(x^5 - \frac{1580}{91}x^4 + \frac{9182}{91}x^3 - \frac{18628}{91}x^2 + \frac{13287}{91}x + \frac{432}{13})$	5692, 22768, 48952, 67168, 61642, 37900, 15054, 3504, 364	
2, 4, 6, 10, 12	$\frac{1423}{9979200}(x-12)(x-10)(x-6)(x-4)(x-2)(x^6 - 21x^5 + \frac{233274}{1423}x^4 - \frac{823282}{1423}x^3 + \frac{1318823}{1423}x^2 - \frac{648275}{1423}x + \frac{55440}{1423})$	175312, 876560, 2327680, 4051360, 4954416, 4365040, 2772688, 1243776, 374944, 68304, 5692	

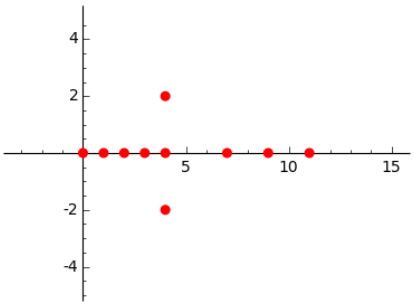
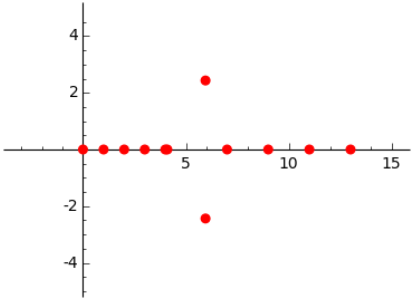
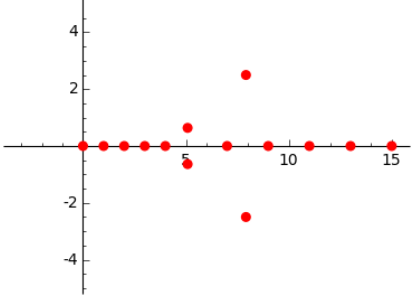
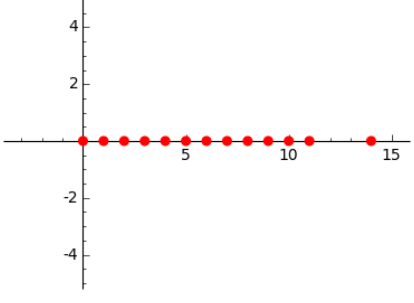
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 10, 12, 14	$\frac{10957}{389188800}(x-14)(x-12)(x-10)(x-6)(x-4)(x-2)(x^7-30x^6+\frac{3975967}{10957}x^5-\frac{24402228}{10957}x^4+\frac{78223339}{10957}x^3-\frac{118637910}{10957}x^2+\frac{61494825}{10957}x+\frac{308880}{10957})$	7441168, 44647008, 144717680, 314324160, 493547568, 579362400, 515191568, 346850688, 174452824, 63654192, 15942008, 2454368, 175312	
2, 4, 6, 10, 12, 15	$\frac{10957}{778377600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	49087360, 319067840, 1148644224, 2807796992, 5013923200, 6768796320, 7019492480, 5615593984, 3445932672, 1595339200, 539960960, 126224640, 18232448, 1227184	
2, 4, 6, 10, 13	$\frac{1423}{19958400}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1035944, 5697692, 17093076, 34186152, 48837360, 51279228, 39883844, 22790768, 9323496, 2589860, 438284, 34152	
2, 4, 6, 10, 13, 15	$\frac{1423}{119750400}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	49725312, 323214528, 1145458080, 2744659632, 4802340400, 6358624272, 6476721888, 5096844480, 3081056832, 1407062400, 470341344, 108705816, 15539160, 1035944	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 10, 14	$\frac{3053}{141523200}(x-14)(x-10)(x-6)(x-4)(x-2)(x^8 - \frac{1521480}{33583}x^7 + \frac{28168147}{33583}x^6 - \frac{273109776}{33583}x^5 + \frac{1476614413}{33583}x^4 - \frac{4358312136}{33583}x^3 + \frac{6274779249}{33583}x^2 - \frac{3139872480}{33583}x + \frac{673920}{3053})$	4048996, 24293976, 81478844, 184699440, 302646516, 369623160, 340661876, 236808480, 122552248, 45868704, 11751776, 1846496, 134332	
2, 4, 6, 10, 15	$\frac{419}{86486400}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{191965}{7542}x + \frac{627265}{3771})$	12750304, 82876976, 307414224, 779131496, 1440725000, 2007246384, 2140292336, 1754500384, 1099901376, 518890000, 178571888, 42366132, 6200948, 422352	
2, 4, 6, 11	$\frac{1}{4536}(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{351}{20}x + \frac{163}{2})$	13112, 59004, 147444, 240702, 270050, 211046, 113442, 40132, 8436, 800	
2, 4, 6, 11, 13	$\frac{149}{5443200}(x-13)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 21x^2 + \frac{21142}{149}x - \frac{42720}{149})$	465608, 2560844, 7577284, 14891448, 20889024, 21544068, 16470860, 9259472, 3729960, 1021136, 170456, 13112	

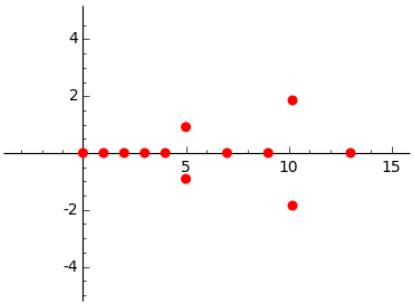
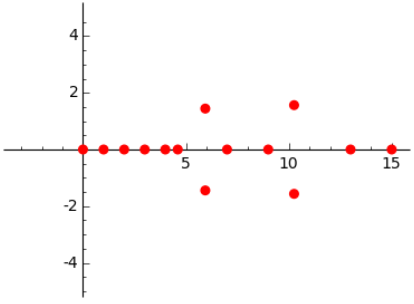
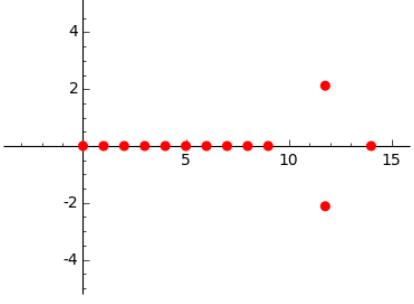
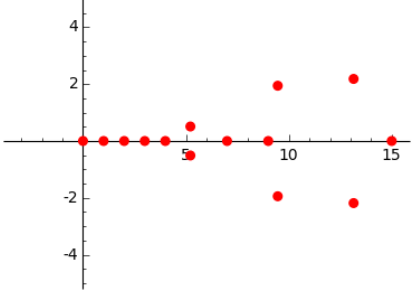
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 11, 13, 15	$\frac{407}{76204800}(x-15)(x-13)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-31x^3+\frac{148046}{407}x^2-\frac{779200}{407}x+\frac{1561280}{407})$	22559680, 146637920, 519056512, 1241793696, 2169472000, 2868696960, 2918747952, 2294886984, 1386335448, 632804600, 211458280, 48862616, 6984120, 465608	
2, 4, 6, 11, 14	$\frac{149}{10886400}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2982980, 17897880, 59063004, 131251120, 210939300, 253127160, 229689460, 157501344, 80540460, 29829800, 7572180, 1180080, 85228	
2, 4, 6, 11, 15	$\frac{53}{12700800}(x-15)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-\frac{15035}{318}x^4+\frac{93835}{106}x^3-\frac{1302100}{159}x^2+\frac{1981622}{53}x-\frac{10696000}{159})$	12584000, 81796000, 298885600, 744114800, 1352784800, 1856304600, 1953155144, 1582579804, 982073844, 459172500, 156773100, 36932852, 5371652, 363792	
2, 4, 6, 12	$\frac{37}{950400}(x-12)(x-6)(x-4)(x-2)(x^7-\frac{28487}{777}x^6+\frac{59128}{111}x^5-\frac{80594}{21}x^4+\frac{10884157}{777}x^3-\frac{2566985}{111}x^2+\frac{10093810}{777}x+\frac{26400}{37})$	26744, 133720, 380560, 719920, 954792, 906280, 615656, 293312, 93328, 17848, 1554	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 12, 14	$\frac{3343}{778377600}(x-14)(x-12)(x-6)(x-4)(x-2)(x^8-40x^7+\frac{2189233}{3343}x^6-\frac{18778102}{3343}x^5+\frac{89866081}{3343}x^4-\frac{235692700}{3343}x^3+\frac{307379775}{3343}x^2-\frac{142116630}{3343}x+\frac{3088800}{3343})$	1084216, 6505296, 21220360, 46469920, 73546216, 86923600, 77721016, 52545856, 26509588, 9692904, 2430596, 374416, 26744	
2, 4, 6, 12, 15	$\frac{3343}{1556755200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	7488320, 48674080, 175226688, 428331904, 764878400, 1032585840, 1070829760, 856663808, 525680064, 243370400, 82371520, 19255680, 2781376, 187208	
2, 4, 6, 13	$\frac{173}{29937600}(x-13)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-\frac{13403}{346}x^3+\frac{196745}{346}x^2-\frac{649733}{173}x+\frac{1644780}{173})$	50024, 275132, 878020, 1887600, 2888808, 3227952, 2653448, 1592480, 680472, 196502, 34430, 2768	
2, 4, 6, 13, 15	$\frac{481}{838252800}(x-15)(x-13)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-42x^4+\frac{334227}{481}x^3-\frac{2699326}{481}x^2+\frac{10496624}{481}x-\frac{15192800}{481})$	2295904, 14923376, 53198704, 128435736, 226373800, 301649784, 308866680, 244070268, 148006260, 67746500, 22680988, 5246984, 750360, 50024	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 6, 14	$\frac{1}{1347840}(x-14)(x-6)(x-4)(x-2)(x^9 - \frac{69056}{1155}x^8 + \frac{1752161}{1155}x^7 - \frac{24445202}{1155}x^6 + \frac{28981691}{165}x^5 - \frac{144114068}{165}x^4 + \frac{37141603}{15}x^3 - \frac{269097534}{77}x^2 + \frac{135469896}{77}x + \frac{224640}{7})$	87612, 525672, 1858276, 4472720, 7757092, 9974440, 9627932, 6976288, 3747646, 1450748, 383222, 61912, 4620	
2, 4, 6, 15	$\frac{229}{2724321600}(x-15)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^6 - \frac{58465}{916}x^5 + \frac{778809}{458}x^4 - \frac{22186837}{916}x^3 + \frac{44621673}{229}x^2 - \frac{192755803}{229}x + \frac{351400700}{229})$	145648, 946712, 3670888, 9776052, 18945100, 27553308, 30551460, 25952706, 16807590, 8168750, 2889106, 702908, 105300, 7328	
2, 4, 7	$\frac{1}{60}(x-7)(x-4)(x-3)(x-2)(x-1)x$	112, 280, 336, 224, 80, 12	
2, 4, 7, 9	$\frac{1}{360}(x-9)(x-7)(x-4)(x-3)(x-1)x(x-2)^2$	2016, 7056, 12384, 13320, 9200, 4008, 1008, 112	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 7, 9, 11	$\frac{1}{1800}(x-11)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^2-8x+20)$	53856, 242352, 568832, 859936, 894944, 653008, 330176, 110656, 22176, 2016	
2, 4, 7, 9, 11, 13	$\frac{17}{151200}(x-13)(x-11)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^3-16x^2+\frac{1532}{17}x-\frac{2880}{17})$	1985984, 10922912, 32139744, 62707008, 87354624, 89568864, 68165344, 38192992, 15350400, 4196736, 700128, 53856	
2, 4, 7, 9, 11, 13, 15	$\frac{31}{1360800}(x-15)(x-13)(x-11)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^4-26x^3+\frac{7940}{31}x^2-\frac{34600}{31}x+\frac{56064}{31})$	96585216, 627803904, 2221051392, 5309939712, 9270534528, 12251621952, 12460003584, 9793668864, 5915021952, 2699566464, 902007040, 208420608, 29789760, 1985984	
2, 4, 7, 9, 11, 14	$\frac{17}{302400}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	12252240, 73513440, 242594352, 539098560, 866408400, 1039690080, 943422480, 646918272, 330810480, 122522400, 31101840, 4847040, 350064	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 7, 9, 11, 15	$\frac{13}{777600}(x-15)(x-11)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^5 - \frac{3855}{91}x^4 + \frac{9076}{13}x^3 - \frac{72444}{13}x^2 + \frac{1962592}{91}x - \frac{421248}{13})$	49725312, 323214528, 1183093632, 2951655168, 5376563136, 7390160064, 7786560768, 6316415616, 3923347008, 1835799168, 627193600, 147835776, 21511776, 1457456	
2, 4, 7, 9, 12	$\frac{1}{3600}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	288288, 1441440, 3891888, 6918912, 8648640, 7783776, 5045040, 2306304, 707616, 131040, 11088	
2, 4, 7, 9, 12, 14	$\frac{1}{21600}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	12108096, 72648576, 235819584, 513152640, 807206400, 949044096, 844998336, 569447424, 286614720, 104630400, 26212032, 4036032, 288288	
2, 4, 7, 9, 12, 15	$\frac{1}{43200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	80720640, 524684160, 1888862976, 4617220608, 8245036800, 11130799680, 11543051520, 9234441216, 5666588928, 2623420800, 887927040, 207567360, 29981952, 2018016	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 7, 9, 13	$\frac{1}{12096}(x-13)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{759}{25}x^3 + \frac{8412}{25}x^2 - \frac{39908}{25}x + \frac{13824}{5})$	1025024, 5637632, 17227392, 35241024, 51457728, 55107360, 43610944, 25299856, 10486944, 2946672, 503712, 39600	
2, 4, 7, 9, 13, 15	$\frac{1}{85050}(x-15)(x-13)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^5 - 37x^4 + \frac{8607}{16}x^3 - 3836x^2 + \frac{53777}{4}x - 18528)$	48572160, 315719040, 1120823424, 2691619392, 4719678336, 6260771232, 6386634240, 5031804288, 3044379072, 1391170368, 465220096, 107548320, 15375360, 1025024	
2, 4, 7, 9, 14	$\frac{11}{604800}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{259}{11}x + \frac{1574}{11})$	2954952, 17729712, 60468408, 139819680, 233461800, 289955952, 271193832, 190951488, 99935640, 37774800, 9762984, 1545984, 113256	
2, 4, 7, 9, 15	$\frac{1}{311040}(x-15)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^6 - \frac{1948}{35}x^5 + \frac{44381}{35}x^4 - 15080x^3 + \frac{688780}{7}x^2 - \frac{11649952}{35}x + \frac{2278272}{5})$	7425600, 48266400, 181641600, 468098400, 879282432, 1242428544, 1341453120, 1111914048, 703970400, 335044416, 116218432, 27770160, 4090944, 280280	

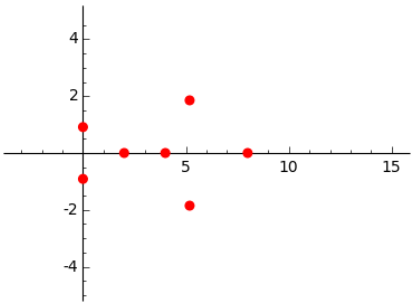
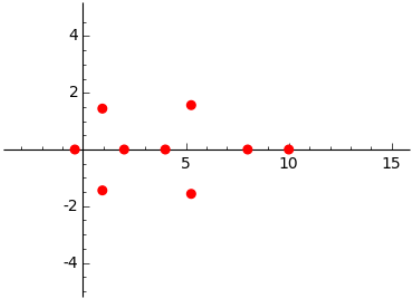
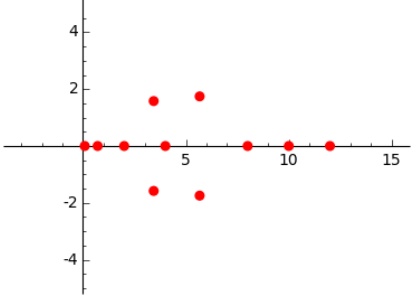
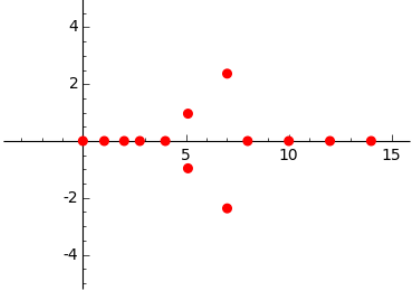
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 7, 10	$\frac{1}{720}(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	9240, 36960, 77616, 103488, 92400, 55440, 21560, 4928, 504	
2, 4, 7, 10, 12	$\frac{1}{4320}(x-12)(x-10)(x-7)(x-6)(x-4)(x-3)(x-2)(x-1)x(x-5)^2$	288288, 1441440, 3819816, 6630624, 8088080, 7111104, 4509960, 2020928, 608832, 110880, 9240	
2, 4, 7, 10, 12, 14	$\frac{1}{21600}(x-14)(x-12)(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-14x+53)$	12252240, 73513440, 238238000, 517316800, 812088368, 953100512, 847407568, 570453632, 286896624, 104678112, 26215728, 4036032, 288288	
2, 4, 7, 10, 12, 15	$\frac{1}{43200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	80720640, 524684160, 1888862976, 4617220608, 8245036800, 11130799680, 11543051520, 9234441216, 5666588928, 2623420800, 887927040, 207567360, 29981952, 2018016	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 7, 10, 13	$\frac{1}{8640}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1681680, 9249240, 27747720, 55495440, 79279200, 83243160, 64744680, 36996960, 15135120, 4204200, 711480, 55440	
2, 4, 7, 10, 13, 15	$\frac{1}{51840}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	80720640, 524684160, 1859457600, 4455491040, 7795788000, 10322151840, 10513863360, 8273865600, 5001575040, 2284128000, 763519680, 176465520, 25225200, 1681680	
2, 4, 7, 10, 14	$\frac{1}{28800}(x-14)(x-10)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2(x^2 - \frac{67}{3}x + 128)$	6486480, 38918880, 130610480, 296296000, 485846816, 593718944, 547466416, 380718464, 197091888, 73786944, 18908736, 2971584, 216216	
2, 4, 7, 10, 15	$\frac{1}{129600}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{51}{2}x + 167)$	20180160, 131171040, 486918432, 1235169936, 2285883600, 3187023840, 3400356960, 2788898112, 1749154176, 825501600, 284185440, 67442760, 9873864, 672672	

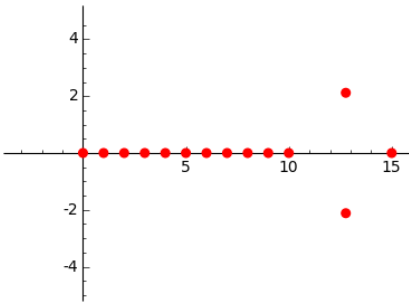
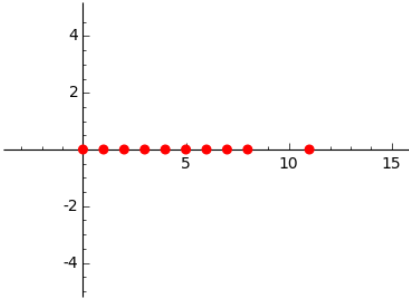
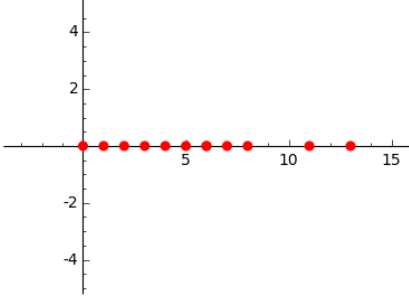
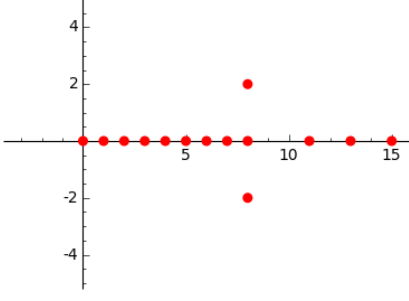
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 7, 11	$\frac{1}{2400}(x-11)(x-7)(x-3)(x-2)(x-1)x(x-4)^2(x^2 - \frac{49}{3}x + 70)$	28512, 128304, 314336, 501424, 550448, 421936, 222992, 77728, 16128, 1512	
2, 4, 7, 11, 13	$\frac{1}{16800}(x-13)(x-11)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^4 - 25x^3 + 230x^2 - \frac{2752}{3}x + 1360)$	1025024, 5637632, 16650816, 32646432, 45691968, 47035296, 35905792, 20163088, 8116128, 2220912, 370656, 28512	
2, 4, 7, 11, 13, 15	$\frac{1}{85050}(x-15)(x-13)(x-11)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^5 - 35x^4 + \frac{3919}{8}x^3 - \frac{13675}{4}x^2 + 11874x - 16362)$	49725312, 323214528, 1143886464, 2736015744, 4778908416, 6318009504, 6427333248, 5053012608, 3052289856, 1393176288, 465530560, 107570496, 15375360, 1025024	
2, 4, 7, 11, 14	$\frac{1}{33600}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	6486480, 38918880, 128432304, 285405120, 458686800, 550424160, 499458960, 342486144, 175134960, 64864800, 16465680, 2566080, 185328	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 7, 11, 15	$\frac{7}{777600}(x-15)(x-11)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^6 - \frac{2514}{49}x^5 + \frac{52789}{49}x^4 - \frac{82776}{7}x^3 + \frac{3502036}{49}x^2 - \frac{11041392}{49}x + \frac{2026944}{7})$	27029184, 175689696, 642325824, 1600205376, 2910926592, 3996509328, 4206866496, 3409920192, 2116662240, 989896656, 338044960, 79650912, 11586432, 784784	
2, 4, 7, 12	$\frac{1}{10800}(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{39}{2}x + \frac{199}{2})$	72072, 360360, 1009008, 1873872, 2442440, 2282280, 1528800, 719264, 226296, 42840, 3696	
2, 4, 7, 12, 14	$\frac{1}{86400}(x-14)(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 24x^2 + 187x - 452)$	2954952, 17729712, 57745688, 126206080, 199360616, 235232816, 210044968, 141858752, 71512728, 26133744, 6551160, 1009008, 72072	
2, 4, 7, 12, 15	$\frac{1}{172800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	20180160, 131171040, 472215744, 1154305152, 2061259200, 2782699920, 2885762880, 2308610304, 1416647232, 655855200, 221981760, 51891840, 7495488, 504504	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 7, 13	$\frac{1}{60480}(x-13)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^5 - \frac{208}{5}x^4 + \frac{3421}{5}x^3 - \frac{27662}{5}x^2 + \frac{109464}{5}x - 33552)$	160160, 880880, 2773680, 5874960, 8865696, 9779616, 7944976, 4717240, 1995984, 571224, 99264, 7920	
2, 4, 7, 13, 15	$\frac{1}{544320}(x-15)(x-13)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^6 - 46x^5 + 867x^4 - \frac{42706}{5}x^3 + \frac{231352}{5}x^2 - \frac{652224}{5}x + \frac{749088}{5})$	7425600, 48266400, 171839808, 414188544, 728860992, 969855984, 991878720, 783039936, 474485088, 217063056, 72642592, 16800960, 2402400, 160160	
2, 4, 7, 14	$\frac{1}{403200}(x-14)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{128}{3}x^3 + \frac{2065}{3}x^2 - \frac{14948}{3}x + 13744)$	324324, 1945944, 6802796, 16176160, 27732692, 35279192, 33716116, 24205664, 12892236, 4951128, 1298220, 208296, 15444	
2, 4, 7, 15	$\frac{1}{3110400}(x-15)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^7 - \frac{467}{7}x^6 + \frac{13225}{7}x^5 - \frac{205721}{7}x^4 + \frac{1894888}{7}x^3 - \frac{10311068}{7}x^2 + \frac{30603120}{7}x - 5432832)$	611520, 3974880, 15269184, 40256832, 77267904, 111364848, 122438400, 103182240, 66324720, 32008872, 11246224, 2719200, 404976, 28028	

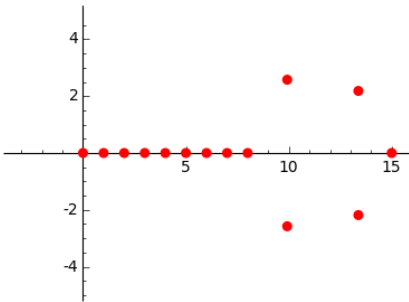
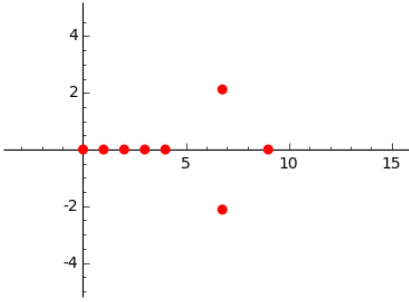
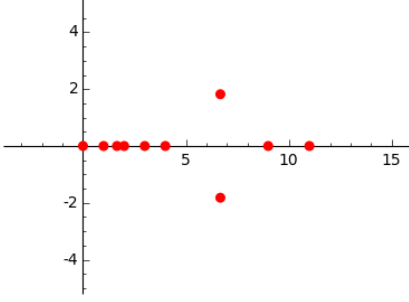
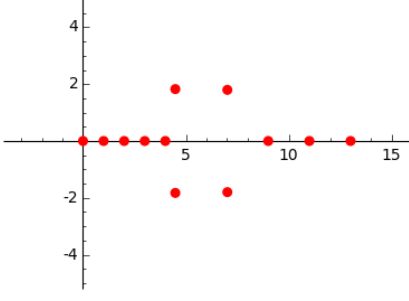
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 8	$\frac{5}{1008}(x-8)(x-4)(x-2)(x^4 - \frac{259}{25}x^3 + \frac{777}{25}x^2 - \frac{213}{25}x + \frac{126}{5})$	256, 768, 1188, 1096, 608, 188, 25	
2, 4, 8, 10	$\frac{2}{2835}(x-10)(x-8)(x-4)(x-2)(x^5 - 12x^4 + \frac{767}{16}x^3 - \frac{1071}{16}x^2 + \frac{873}{16}x + \frac{567}{16})$	5560, 22240, 45784, 59512, 51742, 30244, 11470, 2560, 256	
2, 4, 8, 10, 12	$\frac{139}{997920}(x-12)(x-10)(x-8)(x-4)(x-2)(x^6 - 19x^5 + \frac{19720}{139}x^4 - 506x^3 + \frac{115567}{139}x^2 - \frac{58929}{139}x + \frac{4158}{139})$	175312, 876560, 2319100, 4017040, 4890040, 4292032, 2718508, 1217056, 366448, 66720, 5560	
2, 4, 8, 10, 12, 14	$\frac{10957}{389188800}(x-14)(x-12)(x-10)(x-8)(x-4)(x-2)(x^7 - 28x^6 + \frac{3496433}{10957}x^5 - \frac{20320028}{10957}x^4 + \frac{61927191}{10957}x^3 - \frac{90125412}{10957}x^2 + \frac{45546795}{10957}x + \frac{231660}{10957})$	7458328, 44749968, 145000872, 314796320, 494076712, 579778576, 515423800, 346941280, 174476416, 63657888, 15942272, 2454368, 175312	

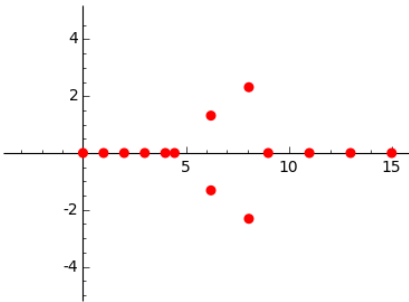
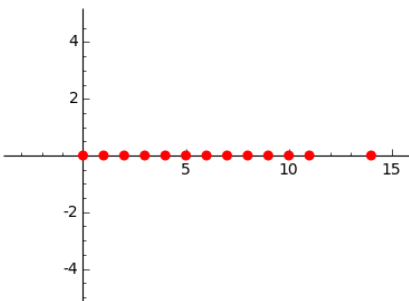
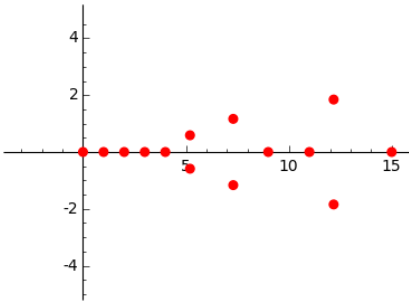
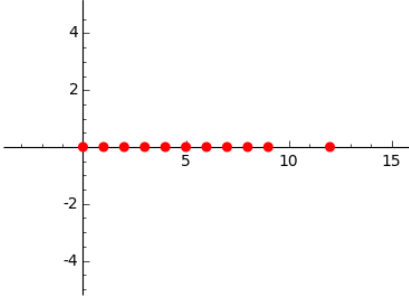
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 8, 10, 12, 15	$\frac{10957}{778377600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	49087360, 319067840, 1148644224, 2807796992, 5013923200, 6768796320, 7019492480, 5615593984, 3445932672, 1595339200, 539960960, 126224640, 18232448, 1227184	
2, 4, 8, 10, 13	$\frac{139}{1995840}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1011920, 5565560, 16696680, 33393360, 47704800, 50090040, 38958920, 22262240, 9107280, 2529800, 428120, 33360	
2, 4, 8, 10, 13, 15	$\frac{139}{11975040}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	48572160, 315719040, 1118894400, 2681009760, 4690972000, 6211164960, 6326523840, 4978646400, 3009605760, 1374432000, 459433920, 106184880, 15178800, 1011920	
2, 4, 8, 10, 14	$\frac{367}{17690400}(x-14)(x-10)(x-8)(x-4)(x-2)(x^8 - \frac{350065}{8074}x^7 + \frac{3091180}{4037}x^6 - \frac{5189833}{734}x^5 + \frac{147303117}{4037}x^4 - \frac{835055943}{8074}x^3 + \frac{582473214}{4037}x^2 - \frac{572104485}{8074}x + \frac{63180}{367})$	3860236, 23161416, 77769684, 176535440, 289640644, 354125512, 326671900, 227249680, 117675592, 44065056, 11294264, 1775216, 129184	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 8, 10, 15	$\frac{2371}{518918400}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{181669}{7113}x + \frac{1191896}{7113})$	11885440, 77255360, 286966368, 728506064, 1349176400, 1882211760, 2009265440, 1648698688, 1034437824, 488358400, 168169760, 39920040, 5845736, 398328	
2, 4, 8, 11	$\frac{1}{2835}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	28160, 126720, 304128, 473088, 506880, 380160, 197120, 67584, 13824, 1280	
2, 4, 8, 11, 13	$\frac{1}{17010}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	1025024, 5637632, 16620032, 32507904, 45393920, 46638592, 35549696, 19941376, 8020992, 2193920, 366080, 28160	
2, 4, 8, 11, 13, 15	$\frac{1}{85050}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - 16x + 68)$	49786880, 323614720, 1145098240, 2738278400, 4781803520, 6320670720, 6429122560, 5053890560, 3052597248, 1393249280, 465541120, 107571200, 15375360, 1025024	

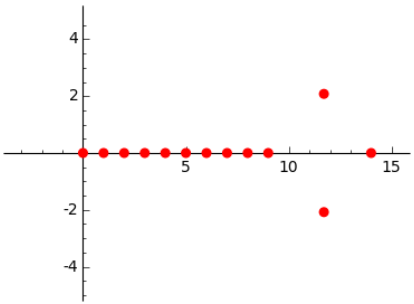
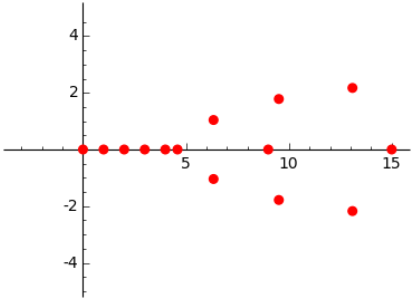
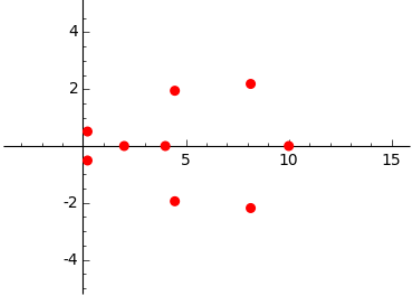
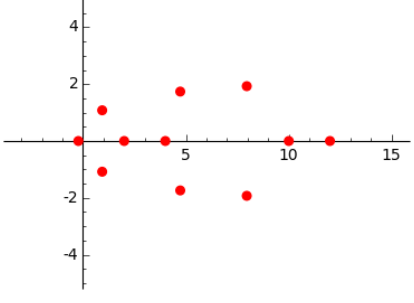
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 8, 11, 14	$\frac{1}{34020}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	6406400, 38438400, 126846720, 281881600, 453024000, 543628800, 493292800, 338257920, 172972800, 64064000, 16262400, 2534400, 183040	
2, 4, 8, 11, 15	$\frac{1}{113400}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2 - \frac{73}{3}x + \frac{454}{3})$	26357760, 171325440, 626728960, 1562429440, 2844042240, 3906839040, 4114360320, 3336192000, 2071535616, 969039360, 330992640, 78003200, 11348480, 768768	
2, 4, 8, 12	$\frac{71}{665280}(x-12)(x-8)(x-4)(x-2)(x^7 - \frac{6881}{213}x^6 + \frac{29210}{71}x^5 - \frac{552626}{213}x^4 + \frac{594007}{71}x^3 - \frac{2685209}{213}x^2 + 6584x + \frac{13860}{71})$	95384, 476920, 1311490, 2384440, 3046180, 2796064, 1843946, 855792, 266056, 49840, 4260	
2, 4, 8, 12, 14	$\frac{11923}{778377600}(x-14)(x-12)(x-8)(x-4)(x-2)(x^8 - 38x^7 + \frac{7094967}{11923}x^6 - \frac{58886842}{11923}x^5 + \frac{277105649}{11923}x^4 - \frac{727512438}{11923}x^3 + \frac{957341325}{11923}x^2 - \frac{452870910}{11923}x + \frac{2316600}{11923})$	3958516, 23751096, 77226284, 168413040, 265473644, 312678392, 278794980, 188083280, 94739392, 34603056, 8671424, 1335376, 95384	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 8, 12, 15	$\frac{11923}{1556755200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	26707520, 173598880, 624955968, 1527670144, 2727982400, 3682776240, 3819175360, 3055340288, 1874867904, 867994400, 293782720, 68676480, 9919936, 667688	
2, 4, 8, 13	$\frac{41}{1710720}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{6157}{287}x + \frac{34278}{287})$	262808, 1445444, 4482764, 9331608, 13853840, 15059044, 12074972, 7086352, 2967384, 841340, 144980, 11480	
2, 4, 8, 13, 15	$\frac{361}{119750400}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 27x^2 + \frac{85954}{361}x - \frac{240208}{361})$	12321920, 80092480, 284733280, 685015760, 1203260240, 1598578800, 1632739360, 1287629120, 779622336, 356447360, 119241760, 27571880, 3942120, 262808	
2, 4, 8, 14	$\frac{17}{3931200}(x-14)(x-8)(x-4)(x-2)(x^9 - \frac{186955}{3366}x^8 + \frac{2188375}{1683}x^7 - \frac{18653359}{1122}x^6 + \frac{211665548}{1683}x^5 - \frac{1914926357}{3366}x^4 + \frac{826761197}{561}x^3 - \frac{723052555}{374}x^2 + \frac{172176555}{187}x + \frac{70200}{17})$	632442, 3794652, 13098518, 30708280, 51947678, 65282204, 61703410, 43856120, 23146204, 8815472, 2293988, 365512, 26928	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 8, 15	$\frac{2039}{3113510400}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{95024}{2039}x^3 + \frac{1671743}{2039}x^2 - \frac{13170166}{2039}x + \frac{39381008}{2039})$	1378880, 8962720, 34065616, 88770968, 168510680, 240400680, 261827440, 218743136, 139485600, 66821120, 23317360, 5602220, 829452, 57092	
2, 4, 9	$\frac{11}{10080}(x-9)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{149}{11}x + \frac{554}{11})$	492, 1722, 3258, 3840, 2900, 1371, 371, 44	
2, 4, 9, 11	$\frac{41}{302400}(x-11)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^3 - 15x^2 + \frac{2866}{41}x - \frac{3240}{41})$	12672, 57024, 134684, 205282, 215278, 158046, 80262, 26972, 5412, 492	
2, 4, 9, 11, 13	$\frac{1}{37800}(x-13)(x-11)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^4 - 23x^3 + \frac{807}{4}x^2 - \frac{1599}{2}x + 1230)$	465608, 2560844, 7539428, 14721096, 20521888, 21054068, 16029628, 8983904, 3611400, 987432, 164736, 12672	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 9, 11, 13, 15	$\frac{407}{76204800}(x-15)(x-13)(x-11)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^5 - 33x^4 + \frac{178304}{407}x^3 - \frac{1183860}{407}x^2 + \frac{3916208}{407}x - \frac{5139456}{407})$	22635392, 147130048, 520547904, 1244582944, 2173048736, 2871993024, 2920969808, 2295979768, 1386718824, 632895768, 211471480, 48863496, 6984120, 465608	
2, 4, 9, 11, 14	$\frac{1}{75600}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2882880, 17297280, 57081024, 126846720, 203860800, 244632960, 221981760, 152216064, 77837760, 28828800, 7318080, 1140480, 82368	
2, 4, 9, 11, 15	$\frac{601}{152409600}(x-15)(x-11)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^6 - \frac{29662}{601}x^5 + \frac{597637}{601}x^4 - \frac{6283852}{601}x^3 + \frac{36387628}{601}x^2 - \frac{110148880}{601}x + \frac{136399872}{601})$	11745344, 76344736, 279401184, 696914416, 1269200432, 1744231968, 1837529816, 1490421892, 925665996, 433100916, 147957700, 34873212, 5074212, 343772	
2, 4, 9, 12	$\frac{41}{604800}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	70356, 351780, 949806, 1688544, 2110680, 1899612, 1231230, 562848, 172692, 31980, 2706	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 9, 12, 14	$\frac{41}{3628800}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	2954952, 17729712, 57551208, 125233680, 196996800, 231611952, 206219832, 138972288, 69947640, 25534800, 6396984, 984984, 70356	
2, 4, 9, 12, 15	$\frac{41}{7257600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	19699680, 128047920, 460972512, 1126821696, 2012181600, 2716445160, 2817054240, 2253643392, 1382917536, 640239600, 216696480, 50656320, 7317024, 492492	
2, 4, 9, 13	$\frac{1}{48384}(x-13)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^5 - \frac{932}{25}x^4 + 547x^3 - \frac{98316}{25}x^2 + \frac{345548}{25}x - \frac{94464}{5})$	259688, 1428284, 4356404, 8891688, 12956536, 13851320, 10946128, 6342872, 2626728, 737514, 125994, 9900	
2, 4, 9, 13, 15	$\frac{227}{76204800}(x-15)(x-13)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^6 - 44x^5 + \frac{180947}{227}x^4 - \frac{1726750}{227}x^3 + \frac{9158780}{227}x^2 - \frac{25622488}{227}x + \frac{29592192}{227})$	12321920, 80092480, 284281488, 682530904, 1196527832, 1586919384, 1618575080, 1275070756, 771387564, 352475316, 117866452, 27247440, 3895320, 259688	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 9, 14	$\frac{17}{3628800}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{398}{17}x + \frac{2403}{17})$	774774, 4648644, 15818946, 36482160, 60767850, 75313524, 70313334, 49432656, 25836930, 9755100, 2518758, 398508, 29172	
2, 4, 9, 15	$\frac{13}{15240960}(x-15)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^7 - \frac{4062}{65}x^6 + \frac{107178}{65}x^5 - \frac{1544928}{65}x^4 + \frac{2624175}{13}x^3 - \frac{5044236}{5}x^2 + \frac{178385212}{65}x - \frac{203492352}{65})$	2007200, 13046800, 48994200, 125953300, 236055284, 332871228, 358759340, 296902126, 187711050, 89227542, 30916534, 7380120, 1086228, 74360	
2, 4, 10	$\frac{1}{5184}(x-10)(x-4)(x-2)(x^6 - \frac{898}{35}x^5 + \frac{1258}{5}x^4 - \frac{7936}{7}x^3 + 2205x^2 - \frac{36702}{35}x + \frac{2592}{5})$	850, 3400, 7600, 10900, 10429, 6658, 2735, 656, 70	
2, 4, 10, 12	$\frac{17}{798336}(x-12)(x-10)(x-4)(x-2)(x^7 - 27x^6 + \frac{4860}{17}x^5 - \frac{125338}{85}x^4 + \frac{64189}{17}x^3 - \frac{73795}{17}x^2 + 2262x + \frac{66528}{85})$	25600, 128000, 341092, 596368, 732440, 647632, 412516, 185408, 55960, 10200, 850	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 10, 12, 14	$\frac{1}{243243}(x-14)(x-12)(x-10)(x-4)(x-2)(x^8-36x^7+\frac{34729}{64}x^6-\frac{281685}{64}x^5+\frac{656603}{32}x^4-\frac{8635299}{160}x^3+\frac{22943733}{320}x^2-\frac{10855953}{320}x+\frac{11583}{20})$	1084216, 6505296, 21093064, 45833440, 71996360, 84543056, 75198216, 50636144, 25471180, 9294600, 2327900, 358400, 25600	
2, 4, 10, 12, 15	$\frac{1}{486486}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	7168000, 46592000, 167731200, 410009600, 732160000, 988416000, 1025024000, 820019200, 503193600, 232960000, 78848000, 18432000, 2662400, 179200	
2, 4, 10, 13	$\frac{17}{1596672}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	154700, 850850, 2552550, 5105100, 7293000, 7657650, 5955950, 3403400, 1392300, 386750, 65450, 5100	
2, 4, 10, 13, 15	$\frac{17}{9580032}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	7425600, 48266400, 171054000, 409866600, 717145000, 949548600, 967184400, 761124000, 460101600, 210120000, 70237200, 16233300, 2320500, 154700	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 10, 14	$\frac{37}{11321856}(x-14)(x-10)(x-4)(x-2)(x^9 - \frac{20862}{407}x^8 + \frac{451283}{407}x^7 - \frac{5346582}{407}x^6 + \frac{37646933}{407}x^5 - \frac{797578818}{2035}x^4 + \frac{1951362309}{2035}x^3 - \frac{2444367834}{2035}x^2 + \frac{1132225344}{2035}x + \frac{808704}{185})$	618142, 3708852, 12426418, 28134280, 46048070, 56183972, 51740142, 35943128, 18591160, 6955200, 1781300, 279800, 20350	
2, 4, 10, 15	$\frac{31}{41513472}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{2360}{93}x + \frac{15370}{93})$	1985200, 12903800, 47806200, 120992300, 223437500, 310939200, 331221800, 271289200, 169948800, 80125000, 27559400, 6535350, 956150, 65100	
2, 4, 11	$\frac{13}{453600}(x-11)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{799}{26}x^3 + \frac{9361}{26}x^2 - \frac{24862}{13}x + \frac{51630}{13})$	1364, 6138, 15818, 26719, 30961, 24927, 13769, 4994, 1074, 104	
2, 4, 11, 13	$\frac{31}{10886400}(x-13)(x-11)(x-4)(x-3)(x-2)(x-1)x(x^5 - 32x^4 + \frac{12365}{31}x^3 - \frac{73504}{31}x^2 + \frac{200028}{31}x - \frac{169920}{31})$	47476, 261118, 774826, 1528332, 2151456, 2225706, 1705806, 960768, 387540, 106184, 17732, 1364	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 11, 13, 15	$\frac{83}{152409600}(x-15)(x-13)(x-11)(x-4)(x-3)(x-2)(x-1)x(x^6 - 42x^5 + \frac{60967}{83}x^4 - \frac{567904}{83}x^3 + \frac{2973012}{83}x^2 - \frac{8304992}{83}x + \frac{9722496}{83})$	2295904, 14923376, 52838848, 126456528, 221000032, 292311888, 297478296, 233933316, 141335148, 64518716, 21560660, 4982252, 712140, 47476	
2, 4, 11, 14	$\frac{31}{21772800}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	310310, 1861860, 6144138, 13653640, 21943350, 26332020, 23893870, 16384368, 8378370, 3103100, 787710, 122760, 8866	
2, 4, 11, 15	$\frac{67}{152409600}(x-15)(x-11)(x-4)(x-3)(x-2)(x-1)x(x^7 - \frac{3902}{67}x^6 + \frac{96045}{67}x^5 - \frac{1293920}{67}x^4 + \frac{10296822}{67}x^3 - \frac{48365984}{67}x^2 + 1851272x - \frac{133666176}{67})$	1334528, 8674432, 31670608, 78769592, 143067584, 196160316, 206255492, 167029054, 103602522, 48421242, 16526950, 3892394, 565994, 38324	
2, 4, 12	$\frac{7}{1900800}(x-12)(x-4)(x-2)(x^8 - \frac{6583}{147}x^7 + \frac{122966}{147}x^6 - \frac{1229950}{147}x^5 + \frac{7016963}{147}x^4 - \frac{22257127}{147}x^3 + \frac{34530644}{147}x^2 - \frac{5555020}{49}x + \frac{158400}{7})$	2072, 10360, 30226, 58744, 79940, 77728, 54002, 26272, 8524, 1660, 147	

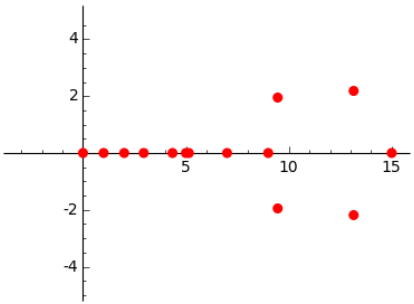
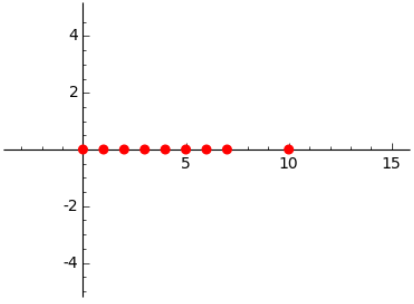
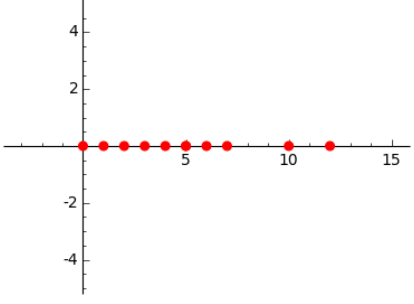
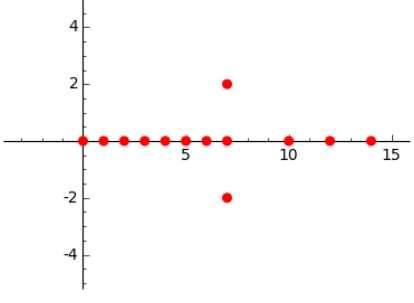
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 12, 14	$\frac{37}{111196800}(x-14)(x-12)(x-4)(x-2)(x^9 - 46x^8 + \frac{32962}{37}x^7 - \frac{2430619}{259}x^6 + \frac{15016321}{259}x^5 - \frac{54545956}{259}x^4 + \frac{110454336}{259}x^3 - \frac{110009751}{259}x^2 + \frac{46545390}{259}x + \frac{9266400}{259})$	82516, 495096, 1618764, 3555440, 5643420, 6687096, 5992076, 4058184, 2050090, 750300, 188258, 29008, 2072	
2, 4, 12, 15	$\frac{37}{222393600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	580160, 3771040, 13575744, 33185152, 59259200, 79999920, 82962880, 66370304, 40727232, 18855200, 6381760, 1491840, 215488, 14504	
2, 4, 13	$\frac{1}{2395008}(x-13)(x-4)(x-3)(x-2)(x-1)x(x^6 - \frac{2591}{50}x^5 + \frac{28047}{25}x^4 - \frac{650233}{50}x^3 + \frac{2135198}{25}x^2 - \frac{7578438}{25}x + \frac{2305944}{5})$	3016, 16588, 54028, 118716, 185532, 211470, 177126, 108204, 47016, 13793, 2453, 200	
2, 4, 13, 15	$\frac{29}{838252800}(x-15)(x-13)(x-4)(x-3)(x-2)(x-1)x(x^7 - 53x^6 + \frac{34303}{29}x^5 - \frac{415461}{29}x^4 + \frac{2923070}{29}x^3 - \frac{11750036}{29}x^2 + \frac{24069208}{29}x - \frac{17064096}{29})$	136240, 885560, 3162856, 7654548, 13523884, 18060108, 18526860, 14663022, 8902938, 4079042, 1366574, 316280, 45240, 3016	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 4, 14	$\frac{1}{23587200}(x-14)(x-4)(x-2)(x^{10} - \frac{2239}{33}x^9 + \frac{132323}{66}x^8 - \frac{2226173}{66}x^7 + \frac{11688463}{33}x^6 - \frac{7167986}{3}x^5 + \frac{675232667}{66}x^4 - \frac{577406539}{22}x^3 + \frac{385702683}{11}x^2 - \frac{178723620}{11}x + 1684800)$	4242, 25452, 91518, 224280, 395790, 517452, 507462, 373308, 203455, 79850, 21371, 3496, 264	
2, 4, 15	$\frac{17}{4358914560}(x-15)(x-4)(x-3)(x-2)(x-1)x(x^8 - \frac{6534}{85}x^7 + \frac{12896}{5}x^6 - \frac{839128}{85}x^5 + \frac{50146459}{85}x^4 - \frac{383978246}{85}x^3 + \frac{1845090588}{85}x^2 - \frac{1022907208}{17}x + \frac{6336948576}{85})$	5800, 37700, 148300, 400950, 788458, 1162986, 1307130, 1124937, 737715, 362879, 129833, 31940, 4836, 340	
2, 5	$\frac{1}{12}(x-5)(x-2)(x-1)x$	10, 15, 9, 2	
2, 5, 7	$\frac{1}{72}(x-7)(x-5)(x-2)(x-1)x^2$	112, 280, 324, 206, 70, 10	

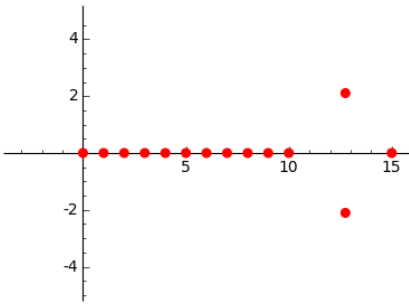
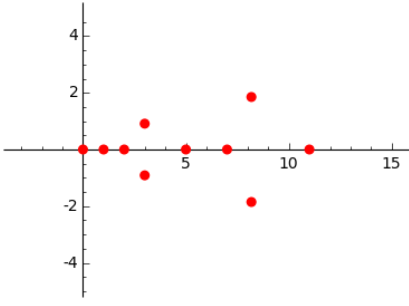
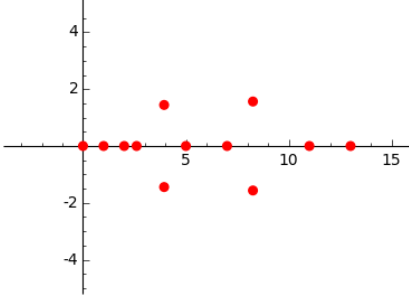
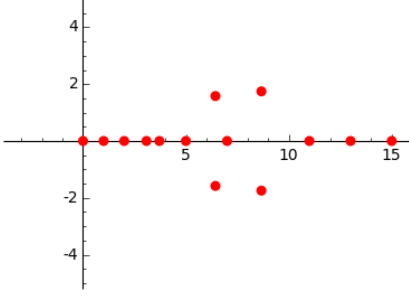
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 7, 9	$\frac{1}{360}(x-9)(x-7)(x-5)(x-2)(x-1)x(x^2-4x+8)$	2040, 7140, 12500, 13400, 9228, 4012, 1008, 112	
2, 5, 7, 9, 11	$\frac{17}{30240}(x-11)(x-9)(x-7)(x-5)(x-2)(x-1)x(x^3-10x^2+\frac{648}{17}x-\frac{768}{17})$	54560, 245520, 576144, 870744, 905960, 660920, 334136, 111976, 22440, 2040	
2, 5, 7, 9, 11, 13	$\frac{31}{272160}(x-13)(x-11)(x-9)(x-7)(x-5)(x-2)(x-1)x(x^4-18x^3+\frac{3848}{31}x^2-\frac{11520}{31}x+\frac{12672}{31})$	2012192, 11067056, 32563216, 63531552, 88501088, 90742624, 69057664, 38692608, 15551120, 4251600, 709280, 54560	
2, 5, 7, 9, 11, 13, 15	$\frac{691}{29937600}(x-15)(x-13)(x-11)(x-9)(x-7)(x-5)(x-2)(x-1)x(x^5-28x^4+\frac{214300}{691}x^3-\frac{1154240}{691}x^2+\frac{3001024}{691}x-\frac{2998272}{691})$	97861120, 636097280, 2250387264, 5380059872, 9392932960, 12413354400, 12624467520, 9922928064, 5993085376, 2735192640, 913910560, 211171040, 30182880, 2012192	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 7, 9, 11, 14	$\frac{31}{544320}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	12412400, 74474400, 245765520, 546145600, 877734000, 1053280800, 955754800, 655374720, 335134800, 124124000, 31508400, 4910400, 354640	
2, 5, 7, 9, 11, 15	$\frac{169}{9979200}(x-15)(x-11)(x-9)(x-7)(x-5)(x-2)(x-1)x(x^6 - \frac{22492}{507}x^5 + \frac{132646}{169}x^4 - \frac{3571180}{507}x^3 + \frac{5701296}{169}x^2 - \frac{41356288}{507}x + \frac{13145344}{169})$	50368640, 327396160, 1198407648, 2989884304, 5446237520, 7485973200, 7887551840, 6398364448, 3974261152, 1859627680, 635335920, 149755280, 21791120, 1476384	
2, 5, 7, 9, 12	$\frac{17}{60480}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	291720, 1458600, 3938220, 7001280, 8751600, 7876440, 5105100, 2333760, 716040, 132600, 11220	
2, 5, 7, 9, 12, 14	$\frac{17}{362880}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	12252240, 73513440, 238626960, 519261600, 816816000, 960342240, 855057840, 576226560, 290026800, 105876000, 26524080, 4084080, 291720	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 7, 9, 12, 15	$\frac{17}{725760}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	81681600, 530930400, 1911349440, 4672187520, 8343192000, 11263309200, 11680468800, 9344375040, 5734048320, 2654652000, 898497600, 210038400, 30338880, 2042040	
2, 5, 7, 9, 13	$\frac{13}{155520}(x-13)(x-9)(x-7)(x-5)(x-2)(x-1)x(x^5 - \frac{2945}{91}x^4 + \frac{36332}{91}x^3 - \frac{211156}{91}x^2 + \frac{580464}{91}x - \frac{602496}{91})$	1035944, 5697692, 17412052, 35621544, 52017056, 55709668, 44089708, 25578576, 10602800, 2979300, 509300, 40040	
2, 5, 7, 9, 13, 15	$\frac{1423}{119750400}(x-15)(x-13)(x-9)(x-7)(x-5)(x-2)(x-1)x(x^6 - 39x^5 + \frac{873624}{1423}x^4 - \frac{7080460}{1423}x^3 + \frac{31122512}{1423}x^2 - \frac{70160768}{1423}x + \frac{63292416}{1423})$	49087360, 319067840, 1132719168, 2720209184, 4769847520, 6327364320, 6454600320, 5085372768, 3076798432, 1405987680, 470175760, 108694040, 15539160, 1035944	
2, 5, 7, 9, 14	$\frac{1}{54432}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{471}{20}x + \frac{2863}{20})$	2982980, 17897880, 61046700, 141169600, 235735500, 292801080, 273871780, 192847200, 100932300, 38153000, 9861060, 1561560, 114400	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 7, 9, 15	$\frac{37}{11404800}(x-15)(x-9)(x-7)(x-5)(x-2)(x-1)x(x^7 - \frac{44804}{777}x^6 + \frac{1073515}{777}x^5 - \frac{1967204}{111}x^4 + \frac{101504308}{777}x^3 - \frac{427281776}{777}x^2 + \frac{135280000}{111}x - \frac{40471552}{37})$	7488320, 48674080, 183189216, 472125808, 886916240, 1253301840, 1353275840, 1121774416, 710247184, 338046160, 117264120, 28020980, 4128020, 282828	
2, 5, 7, 10	$\frac{1}{720}(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	9240, 36960, 77616, 103488, 92400, 55440, 21560, 4928, 504	
2, 5, 7, 10, 12	$\frac{1}{4320}(x-12)(x-10)(x-7)(x-6)(x-4)(x-3)(x-2)(x-1)x(x-5)^2$	288288, 1441440, 3819816, 6630624, 8088080, 7111104, 4509960, 2020928, 608832, 110880, 9240	
2, 5, 7, 10, 12, 14	$\frac{1}{21600}(x-14)(x-12)(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-14x+53)$	12252240, 73513440, 238238000, 517316800, 812088368, 953100512, 847407568, 570453632, 286896624, 104678112, 26215728, 4036032, 288288	

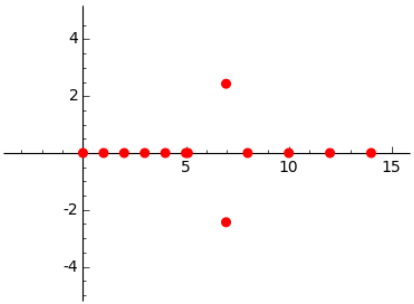
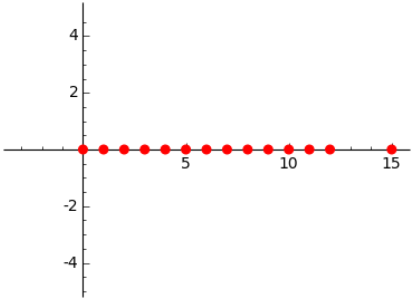
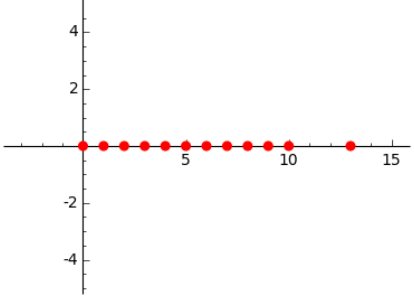
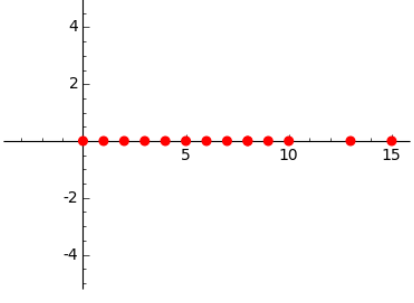
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 7, 10, 12, 15	$\frac{1}{43200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	80720640, 524684160, 1888862976, 4617220608, 8245036800, 11130799680, 11543051520, 9234441216, 5666588928, 2623420800, 887927040, 207567360, 29981952, 2018016	
2, 5, 7, 10, 13	$\frac{1}{8640}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1681680, 9249240, 27747720, 55495440, 79279200, 83243160, 64744680, 36996960, 15135120, 4204200, 711480, 55440	
2, 5, 7, 10, 13, 15	$\frac{1}{51840}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	80720640, 524684160, 1859457600, 4455491040, 7795788000, 10322151840, 10513863360, 8273865600, 5001575040, 2284128000, 763519680, 176465520, 25225200, 1681680	
2, 5, 7, 10, 14	$\frac{1}{28800}(x-14)(x-10)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2(x^2 - \frac{67}{3}x + 128)$	6486480, 38918880, 130610480, 296296000, 485846816, 593718944, 547466416, 380718464, 197091888, 73786944, 18908736, 2971584, 216216	

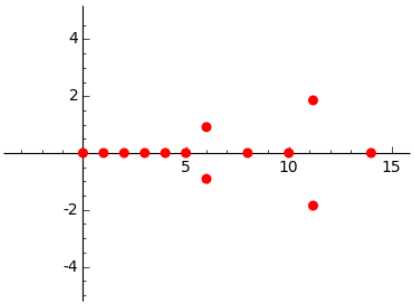
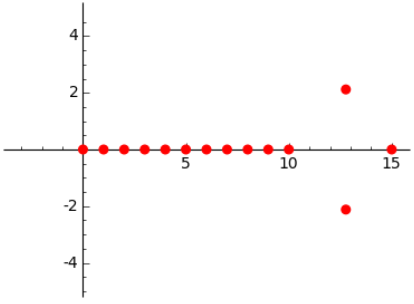
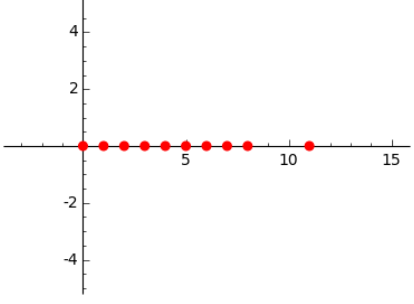
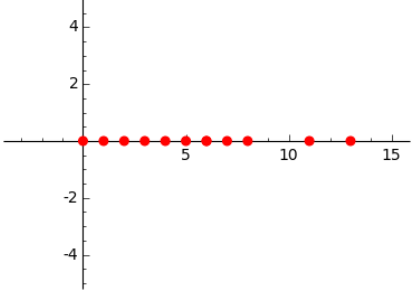
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 7, 10, 15	$\frac{1}{129600}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{51}{2}x + 167)$	20180160, 131171040, 486918432, 1235169936, 2285883600, 3187023840, 3400356960, 2788898112, 1749154176, 825501600, 284185440, 67442760, 9873864, 672672	
2, 5, 7, 11	$\frac{5}{12096}(x-11)(x-7)(x-5)(x-2)(x-1)x(x^4 - \frac{559}{25}x^3 + \frac{4458}{25}x^2 - \frac{14568}{25}x + \frac{3456}{5})$	28160, 126720, 310680, 496020, 544940, 417980, 221012, 77068, 15996, 1500	
2, 5, 7, 11, 13	$\frac{1}{17010}(x-13)(x-11)(x-7)(x-5)(x-2)(x-1)x(x^5 - 27x^4 + \frac{4511}{16}x^3 - \frac{11331}{8}x^2 + \frac{6903}{2}x - 3240)$	1011920, 5565560, 16439080, 32234160, 45118736, 46448416, 35459632, 19913280, 8015768, 2193480, 366080, 28160	
2, 5, 7, 11, 13, 15	$\frac{139}{11975040}(x-15)(x-13)(x-11)(x-7)(x-5)(x-2)(x-1)x(x^6 - 37x^5 + \frac{78100}{139}x^4 - \frac{619724}{139}x^3 + \frac{2695408}{139}x^2 - \frac{6053376}{139}x + \frac{5460480}{139})$	49087360, 319067840, 1129218528, 2700955664, 4717709200, 6237143280, 6345101280, 4988383008, 3013258144, 1375363200, 459578800, 106195280, 15178800, 1011920	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 7, 11, 14	$\frac{1}{34020}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	6406400, 38438400, 126846720, 281881600, 453024000, 543628800, 493292800, 338257920, 172972800, 64064000, 16262400, 2534400, 183040	
2, 5, 7, 11, 15	$\frac{71}{7983360}(x-15)(x-11)(x-7)(x-5)(x-2)(x-1)x(x^7 - \frac{11354}{213}x^6 + \frac{83915}{71}x^5 - \frac{2997296}{213}x^4 + \frac{6873276}{71}x^3 - \frac{81672656}{213}x^2 + \frac{57307136}{71}x - \frac{49328640}{71})$	26707520, 173598880, 634668816, 1581090808, 2876089400, 3948602760, 4156370960, 3368945776, 2091205168, 977982400, 333973800, 78691160, 11446760, 775320	
2, 5, 7, 12	$\frac{11}{120960}(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{215}{11}x + 100)$	70356, 351780, 985842, 1832688, 2390960, 2235948, 1498770, 705536, 222084, 42060, 3630	
2, 5, 7, 12, 14	$\frac{41}{3628800}(x-14)(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 24x^2 + \frac{7663}{41}x - \frac{18480}{41})$	2882880, 17297280, 56342000, 123151600, 194555816, 229583744, 205015216, 138469184, 69806688, 25510944, 6395136, 984984, 70356	

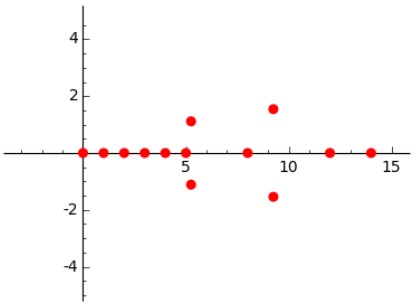
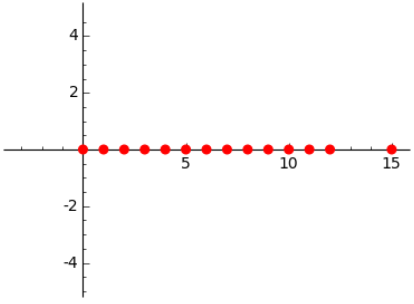
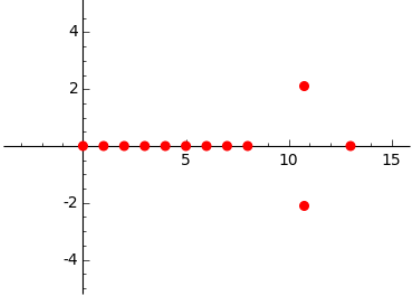
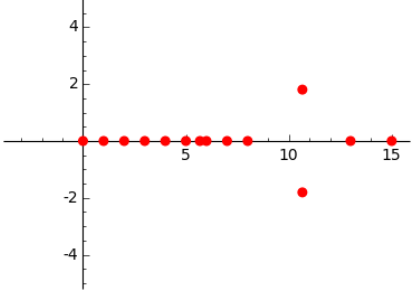
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 7, 12, 15	$\frac{41}{7257600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	19699680, 128047920, 460972512, 1126821696, 2012181600, 2716445160, 2817054240, 2253643392, 1382917536, 640239600, 216696480, 50656320, 7317024, 492492	
2, 5, 7, 13	$\frac{1}{62208}(x-13)(x-7)(x-5)(x-2)(x-1)x(x^6 - \frac{1528}{35}x^5 + \frac{27001}{35}x^4 - \frac{245072}{35}x^3 + \frac{1194804}{35}x^2 - \frac{587376}{7}x + \frac{570240}{7})$	154700, 850850, 2681350, 5684700, 8586032, 9478462, 7705594, 4577880, 1938056, 554910, 96470, 7700	
2, 5, 7, 13, 15	$\frac{17}{9580032}(x-15)(x-13)(x-7)(x-5)(x-2)(x-1)x(x^7 - 48x^6 + \frac{16335}{17}x^5 - \frac{51764}{5}x^4 + \frac{5492276}{85}x^3 - \frac{19808912}{85}x^2 + \frac{38229504}{85}x - \frac{6082560}{17})$	7168000, 46592000, 165891936, 399893648, 703776400, 936559440, 957895680, 756255696, 458275408, 209654400, 70164760, 16228100, 2320500, 154700	
2, 5, 7, 14	$\frac{13}{5443200}(x-14)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{1111}{26}x^3 + \frac{8978}{13}x^2 - \frac{130271}{26}x + 13860)$	310310, 1861860, 6513650, 15501200, 26595842, 33856628, 32377142, 23257808, 12393906, 4762028, 1249182, 200508, 14872	

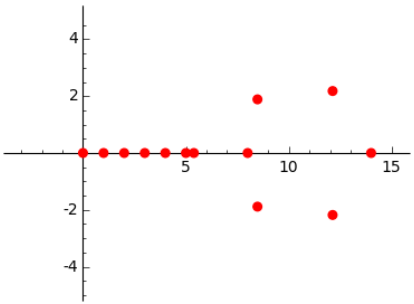
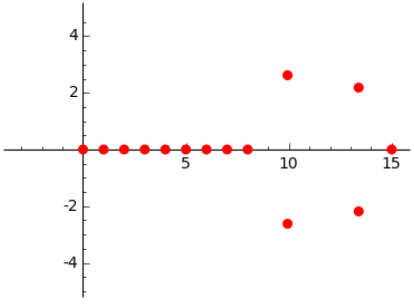
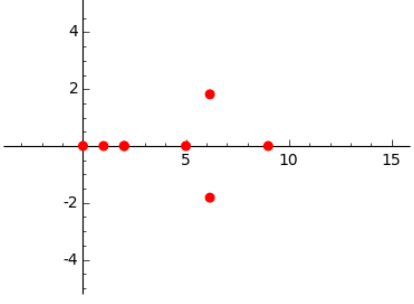
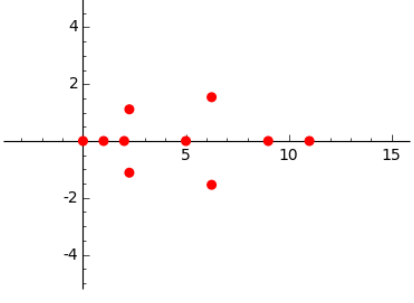
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 7, 15	$\frac{7}{22809600}(x-15)(x-7)(x-5)(x-2)(x-1)x(x^8 - \frac{10111}{147}x^7 + \frac{298253}{147}x^6 - \frac{4909789}{147}x^5 + \frac{49121048}{147}x^4 - \frac{304221004}{147}x^3 + \frac{1131844592}{147}x^2 - \frac{109342976}{7}x + 13178880)$	580160, 3771040, 14495376, 38243128, 73451000, 105928200, 116527040, 98252056, 63186328, 30508000, 10723380, 2593790, 386438, 26754	
2, 5, 8	$\frac{1}{144}(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x$	420, 1260, 1890, 1680, 900, 270, 35	
2, 5, 8, 10	$\frac{1}{864}(x-10)(x-8)(x-5)(x-4)(x-2)(x-1)x(x-3)^2$	9240, 36960, 75900, 98340, 85250, 49720, 18830, 4200, 420	
2, 5, 8, 10, 12	$\frac{1}{4320}(x-12)(x-10)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-10x+29)$	291720, 1458600, 3858140, 6680960, 8130720, 7134920, 4518500, 2022720, 609000, 110880, 9240	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 8, 10, 12, 14	$\frac{17}{362880}(x-14)(x-12)(x-10)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-19x^2+\frac{2127}{17}x-\frac{4701}{17})$	12412400, 74474400, 241310160, 523868800, 822197040, 964793760, 857689280, 577320240, 290331720, 105927360, 26528040, 4084080, 291720	
2, 5, 8, 10, 12, 15	$\frac{17}{725760}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	81681600, 530930400, 1911349440, 4672187520, 8343192000, 11263309200, 11680468800, 9344375040, 5734048320, 2654652000, 898497600, 210038400, 30338880, 2042040	
2, 5, 8, 10, 13	$\frac{1}{8640}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1681680, 9249240, 27747720, 55495440, 79279200, 83243160, 64744680, 36996960, 15135120, 4204200, 711480, 55440	
2, 5, 8, 10, 13, 15	$\frac{1}{51840}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	80720640, 524684160, 1859457600, 4455491040, 7795788000, 10322151840, 10513863360, 8273865600, 5001575040, 2284128000, 763519680, 176465520, 25225200, 1681680	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 8, 10, 14	$\frac{5}{145152}(x-14)(x-10)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{859}{25}x^3 + \frac{10839}{25}x^2 - \frac{59109}{25}x + \frac{118224}{25})$	6406400, 38438400, 129074400, 293020000, 480792480, 587872320, 542325560, 377285160, 195374340, 73162320, 18752580, 2947560, 214500	
2, 5, 8, 10, 15	$\frac{11}{1451520}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{281}{11}x + \frac{1844}{11})$	19699680, 128047920, 475675200, 1207686480, 2236806000, 3120769080, 3331648320, 2733931200, 1715424480, 809886000, 278900160, 66207240, 9695400, 660660	
2, 5, 8, 11	$\frac{1}{1728}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	46200, 207900, 498960, 776160, 831600, 623700, 323400, 110880, 22680, 2100	
2, 5, 8, 11, 13	$\frac{1}{10368}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	1681680, 9249240, 27267240, 53333280, 74474400, 76516440, 58323720, 32716320, 13159440, 3599400, 600600, 46200	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 8, 11, 13, 15	$\frac{1}{51840}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-16x+68)$	81681600, 530930400, 1878676800, 4492488000, 7845146400, 10369850400, 10547779200, 8291539200, 5008167360, 2285799600, 763778400, 176484000, 25225200, 1681680	
2, 5, 8, 11, 14	$\frac{1}{20736}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	10510500, 63063000, 208107900, 462462000, 743242500, 891891000, 809308500, 554954400, 283783500, 105105000, 26680500, 4158000, 300300	
2, 5, 8, 11, 15	$\frac{1}{69120}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2-\frac{73}{3}x+\frac{454}{3})$	43243200, 281080800, 1028227200, 2563360800, 4666006800, 6409657800, 6750122400, 5473440000, 3398613120, 1589830200, 543034800, 127974000, 18618600, 1261260	
2, 5, 8, 12	$\frac{1}{5760}(x-12)(x-8)(x-4)(x-3)(x-2)(x-1)x(x-5)^2(x^2-\frac{55}{3}x+\frac{262}{3})$	154440, 772200, 2124980, 3866720, 4943640, 4540640, 2996000, 1391040, 432600, 81060, 6930	

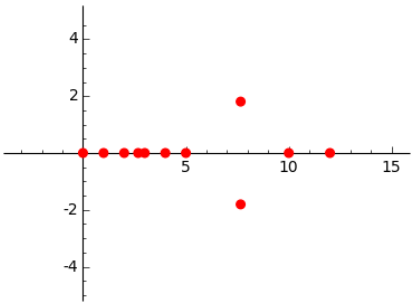
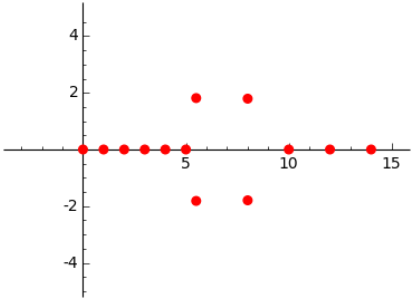
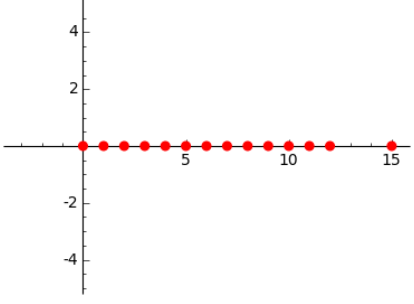
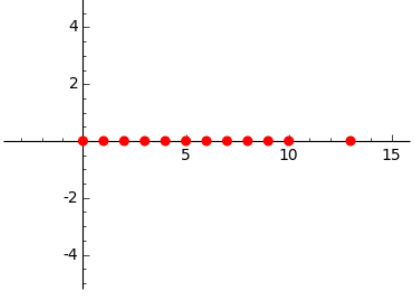
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 8, 12, 14	$\frac{1}{40320}(x-14)(x-12)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - 29x^3 + 311x^2 - \frac{4369}{3}x + \frac{7600}{3})$	6406400, 38438400, 124990320, 272599600, 429741480, 506190720, 451361960, 304514280, 153391140, 56026320, 14040180, 2162160, 154440	
2, 5, 8, 12, 15	$\frac{1}{80640}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	43243200, 281080800, 1011890880, 2473511040, 4416984000, 5962928400, 6183777600, 4947022080, 3035672640, 1405404000, 475675200, 111196800, 16061760, 1081080	
2, 5, 8, 13	$\frac{1}{25920}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{43}{2}x + 120)$	420420, 2312310, 7177170, 14954940, 22222200, 24174150, 19396650, 11389560, 4771620, 1353450, 233310, 18480	
2, 5, 8, 13, 15	$\frac{1}{207360}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 27x^2 + 238x - 664)$	19699680, 128047920, 455254800, 1095374280, 1924267800, 2556688680, 2611507920, 2059629600, 1247097600, 570196200, 190750560, 44107140, 6306300, 420420	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 8, 14	$\frac{1}{145152}(x-14)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5 - \frac{233}{5}x^4 + \frac{4303}{5}x^3 - \frac{39223}{5}x^2 + \frac{175908}{5}x - 61704)$	1001000, 6006000, 20748000, 48685000, 82426260, 103661040, 98042420, 69724620, 36817830, 14028840, 3652110, 582120, 42900	
2, 5, 8, 15	$\frac{1}{967680}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{140}{3}x^3 + \frac{2467}{3}x^2 - \frac{19474}{3}x + \frac{58376}{3})$	2162160, 14054040, 53453400, 139399260, 264806100, 378024660, 411962040, 344358000, 219693600, 105291900, 36756720, 8834430, 1308450, 90090	
2, 5, 9	$\frac{1}{480}(x-9)(x-5)(x-1)x(x-2)^2(x^2 - \frac{37}{3}x + \frac{124}{3})$	1080, 3780, 6980, 8000, 5886, 2719, 721, 84	
2, 5, 9, 11	$\frac{1}{3360}(x-11)(x-9)(x-5)(x-2)(x-1)x(x^4 - 17x^3 + 104x^2 - \frac{796}{3}x + \frac{784}{3})$	28160, 126720, 298668, 453978, 474870, 347910, 176422, 59232, 11880, 1080	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 9, 11, 13	$\frac{1}{17010}(x-13)(x-11)(x-9)(x-5)(x-2)(x-1)x(x^5-25x^4+\frac{1999}{8}x^3-\frac{2479}{2}x^2+\frac{6075}{2}x-2898)$	1035944, 5697692, 16771412, 32738664, 45628336, 46802588, 35628388, 19966256, 8025680, 2194320, 366080, 28160	
2, 5, 9, 11, 13, 15	$\frac{1423}{119750400}(x-15)(x-13)(x-11)(x-9)(x-5)(x-2)(x-1)x(x^6-35x^5+\frac{720188}{1423}x^4-\frac{5465820}{1423}x^3+\frac{22818912}{1423}x^2-\frac{49405120}{1423}x+\frac{43180032}{1423})$	50368640, 327396160, 1158309408, 2769343984, 4835175920, 6390248400, 6499126480, 5108475848, 3085379032, 1408154280, 470509720, 108717800, 15539160, 1035944	
2, 5, 9, 11, 14	$\frac{1}{34020}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	6406400, 38438400, 126846720, 281881600, 453024000, 543628800, 493292800, 338257920, 172972800, 64064000, 16262400, 2534400, 183040	
2, 5, 9, 11, 15	$\frac{233}{26611200}(x-15)(x-11)(x-9)(x-5)(x-2)(x-1)x(x^7-\frac{107696}{2097}x^6+\frac{2296667}{2097}x^5-\frac{26285336}{2097}x^4+\frac{174081908}{2097}x^3-\frac{666019424}{2097}x^2+\frac{1360321088}{2097}x-\frac{380592128}{699})$	26066880, 169434720, 620123376, 1546896648, 2817356040, 3872050200, 4079358360, 3308899356, 2055144724, 961586860, 328508340, 77429900, 11266580, 763308	

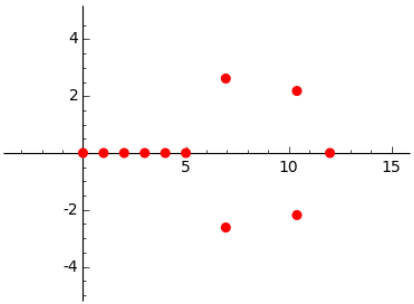
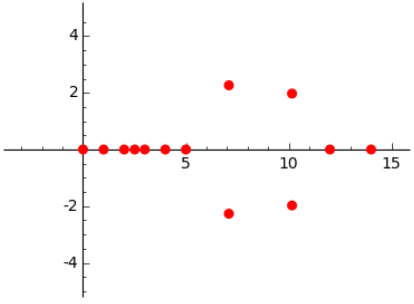
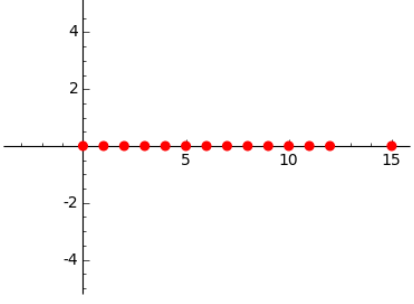
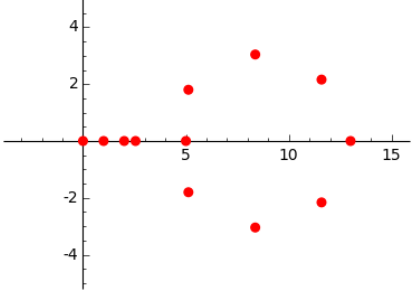
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 9, 12	$\frac{1}{6720}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	154440, 772200, 2084940, 3706560, 4633200, 4169880, 2702700, 1235520, 379080, 70200, 5940	
2, 5, 9, 12, 14	$\frac{1}{40320}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	6486480, 38918880, 126331920, 274903200, 432432000, 508416480, 452677680, 305061120, 153543600, 56052000, 14042160, 2162160, 154440	
2, 5, 9, 12, 15	$\frac{1}{80640}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	43243200, 281080800, 1011890880, 2473511040, 4416984000, 5962928400, 6183777600, 4947022080, 3035672640, 1405404000, 475675200, 111196800, 16061760, 1081080	
2, 5, 9, 13	$\frac{7}{155520}(x-13)(x-9)(x-5)(x-2)(x-1)x(x^6 - \frac{1926}{49}x^5 + \frac{30589}{49}x^4 - \frac{249840}{49}x^3 + \frac{1103020}{49}x^2 - \frac{2488896}{49}x + \frac{320832}{7})$	563108, 3097094, 9452114, 19306308, 28151032, 30112166, 23807386, 13800632, 5716880, 1605540, 274340, 21560	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 9, 13, 15	$\frac{221}{34214400}(x-15)(x-13)(x-9)(x-5)(x-2)(x-1)x(x^7-46x^6+\frac{196041}{221}x^5-\frac{14351912}{1547}x^4+\frac{87784548}{1547}x^3-\frac{313497728}{1547}x^2+\frac{604024768}{1547}x-\frac{69003264}{221})$	26707520, 173598880, 616210896, 1479572248, 2593990040, 3440544840, 3509348920, 2764675676, 1672608724, 764290860, 255579220, 59083220, 8446620, 563108	
2, 5, 9, 14	$\frac{11}{1088640}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-\frac{258}{11}x+\frac{1561}{11})$	1661660, 9969960, 33951060, 78364000, 130630500, 162007560, 151338460, 106448160, 55660500, 21023000, 5429820, 859320, 62920	
2, 5, 9, 15	$\frac{97}{53222400}(x-15)(x-9)(x-5)(x-2)(x-1)x(x^8-\frac{56347}{873}x^7+\frac{517609}{291}x^6-\frac{7928459}{291}x^5+\frac{24531364}{97}x^4-\frac{422507476}{291}x^3+\frac{486750272}{97}x^2-\frac{8306666048}{873}x+\frac{2200174592}{291})$	4263840, 27714960, 104146392, 267940596, 502516980, 709068780, 764642340, 633115602, 400451158, 190426570, 66003990, 15760790, 2320370, 158886	
2, 5, 10	$\frac{1}{2160}(x-10)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-\frac{31}{2}x+\frac{129}{2})$	2310, 9240, 20262, 28446, 26675, 16720, 6755, 1596, 168	

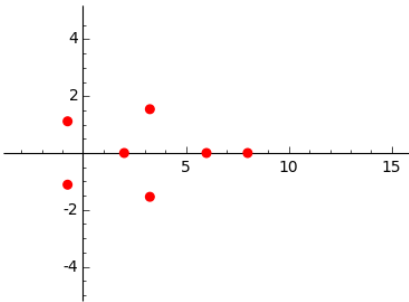
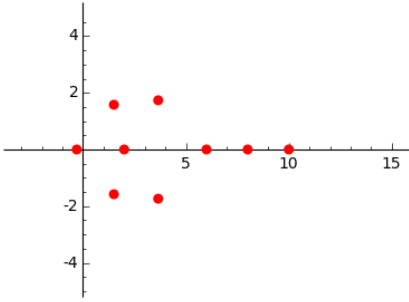
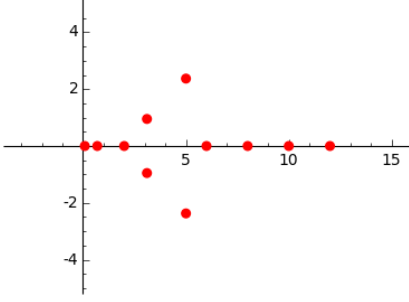
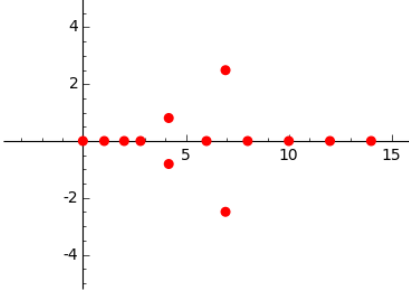
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 10, 12	$\frac{1}{17280}(x-12)(x-10)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-18x^2+103x-166)$	70356, 351780, 935792, 1632488, 2000700, 1765868, 1123220, 504336, 152124, 27720, 2310	
2, 5, 10, 12, 14	$\frac{41}{3628800}(x-14)(x-12)(x-10)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-27x^3+\frac{11347}{41}x^2-\frac{52317}{41}x+\frac{92436}{41})$	2982980, 17897880, 58023420, 126053200, 197967756, 232428504, 206711036, 139180104, 70006608, 25544904, 6397776, 984984, 70356	
2, 5, 10, 12, 15	$\frac{41}{7257600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	19699680, 128047920, 460972512, 1126821696, 2012181600, 2716445160, 2817054240, 2253643392, 1382917536, 640239600, 216696480, 50656320, 7317024, 492492	
2, 5, 10, 13	$\frac{1}{34560}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	420420, 2312310, 6936930, 13873860, 19819800, 20810790, 16186170, 9249240, 3783780, 1051050, 177870, 13860	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 10, 13, 15	$\frac{1}{207360}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	20180160, 131171040, 464864400, 1113872760, 1948947000, 2580537960, 2628465840, 2068466400, 1250393760, 571032000, 190879920, 44116380, 6306300, 420420	
2, 5, 10, 14	$\frac{1}{113400}(x-14)(x-10)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5 - \frac{1353}{32}x^4 + \frac{22597}{32}x^3 - \frac{185847}{32}x^2 + \frac{751515}{32}x - 37242)$	1661660, 9969960, 33420660, 75712000, 123988872, 151353048, 139437032, 96896268, 50131746, 18759048, 4805262, 754908, 54912	
2, 5, 10, 15	$\frac{29}{14515200}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{737}{29}x + \frac{4808}{29})$	5285280, 34354320, 127351224, 322534212, 596009700, 829883340, 884443560, 724707984, 454153392, 214183200, 73689000, 17478450, 2557698, 174174	
2, 5, 11	$\frac{1}{12096}(x-11)(x-5)(x-2)(x-1)x(x^5 - \frac{158}{5}x^4 + \frac{1957}{5}x^3 - \frac{11728}{5}x^2 + \frac{33612}{5}x - 7056)$	4400, 19800, 50250, 83475, 95205, 75525, 41149, 14736, 3132, 300	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 11, 13	$\frac{1}{108864}(x-13)(x-11)(x-5)(x-2)(x-1)x(x^6 - 34x^5 + 467x^4 - \frac{16426}{5}x^3 + \frac{61956}{5}x^2 - \frac{118008}{5}x + 18144)$	154700, 850850, 2521190, 4963980, 6975592, 7205282, 5515294, 3103400, 1250936, 342600, 57200, 4400	
2, 5, 11, 13, 15	$\frac{17}{9580032}(x-15)(x-13)(x-11)(x-5)(x-2)(x-1)x(x^7 - 44x^6 + \frac{13951}{17}x^5 - \frac{142584}{17}x^4 + \frac{860196}{17}x^3 - \frac{15268384}{85}x^2 + \frac{29423424}{85}x - \frac{23611392}{85})$	7488320, 48674080, 172316016, 412323208, 720470600, 952815960, 969548440, 762377756, 460577428, 210242700, 70256500, 16234700, 2320500, 154700	
2, 5, 11, 14	$\frac{1}{217728}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1001000, 6006000, 19819800, 44044000, 70785000, 84942000, 77077000, 52852800, 27027000, 10010000, 2541000, 396000, 28600	
2, 5, 11, 15	$\frac{1}{709632}(x-15)(x-11)(x-5)(x-2)(x-1)x(x^8 - \frac{1627}{27}x^7 + \frac{41929}{27}x^6 - \frac{602209}{27}x^5 + \frac{5260948}{27}x^4 - \frac{142798796}{135}x^3 + \frac{469237664}{135}x^2 - \frac{283691072}{45}x + \frac{24113152}{5})$	4263840, 27714960, 101229192, 251895996, 457724700, 627838020, 660369780, 534926322, 331872886, 155138650, 52959750, 12474650, 1814150, 122850	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 12	$\frac{1}{80640}(x-12)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{104}{3}x^3 + \frac{1369}{3}x^2 - \frac{8128}{3}x + \frac{18620}{3})$	7722, 38610, 111254, 213356, 286650, 275366, 189140, 91032, 29238, 5640, 495	
2, 5, 12, 14	$\frac{1}{806400}(x-14)(x-12)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5 - 37x^4 + 537x^3 - \frac{11321}{3}x^2 + 12566x - \frac{44680}{3})$	310310, 1861860, 6080490, 13335400, 21136122, 25012548, 22388282, 15149148, 7647696, 2797548, 701712, 108108, 7722	
2, 5, 12, 15	$\frac{1}{1612800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2162160, 14054040, 50594544, 123675552, 220849200, 298146420, 309188880, 247351104, 151783632, 70270200, 23783760, 5559840, 803088, 54054	
2, 5, 13	$\frac{1}{622080}(x-13)(x-5)(x-2)(x-1)x(x^7 - \frac{369}{7}x^6 + \frac{8209}{7}x^5 - \frac{99531}{7}x^4 + \frac{707320}{7}x^3 - \frac{2928420}{7}x^2 + \frac{6485904}{7}x - 829440)$	12740, 70070, 225890, 490980, 759304, 856814, 710818, 430280, 185342, 53925, 9515, 770	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 5, 13, 15	$\frac{1}{6842880}(x-15)(x-13)(x-5)(x-2)(x-1)x(x^8-55x^7+1293x^6-\frac{118267}{7}x^5+133554x^4-\frac{4551388}{7}x^3+1891880x^2-\frac{20931360}{7}x+1976832)$	580160, 3771040, 13455792, 32525416, 57396200, 76564440, 78468460, 62053922, 37652806, 17242650, 5774590, 1336160, 191100, 12740	
2, 5, 14	$\frac{1}{5443200}(x-14)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^6-\frac{231}{4}x^5+\frac{5569}{4}x^4-\frac{71799}{4}x^3+\frac{523195}{4}x^2-\frac{1025409}{2}x+852120)$	20020, 120120, 428220, 1040000, 1819314, 2358576, 2294334, 1674666, 905877, 352976, 93819, 15246, 1144	
2, 5, 15	$\frac{1}{53222400}(x-15)(x-5)(x-2)(x-1)x(x^9-\frac{700}{9}x^8+\frac{7960}{3}x^7-\frac{156050}{3}x^6+644523x^5-\frac{15664690}{3}x^4+27569980x^3-\frac{819705800}{9}x^2+\frac{509229728}{3}x-134238720)$	30240, 196560, 767592, 2059596, 4020300, 5887620, 6571530, 5617647, 3660061, 1789075, 636225, 155600, 23426, 1638	
2, 6	$\frac{1}{40}(x-6)(x-2)(x+1)(x^2-\frac{19}{3}x+\frac{40}{3})$	18, 36, 34, 16, 3	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 8	$\frac{1}{280}(x-8)(x-6)(x-2)(x^4 - 5x^3 + 5x^2 + \frac{23}{3}x + \frac{70}{3})$	256, 768, 1122, 964, 498, 144, 18	
2, 6, 8, 10	$\frac{2}{2835}(x-10)(x-8)(x-6)(x-2)(x^5 - 10x^4 + \frac{319}{8}x^3 - \frac{565}{8}x^2 + \frac{417}{8}x + \frac{189}{8})$	5692, 22768, 46664, 60304, 52152, 30360, 11484, 2560, 256	
2, 6, 8, 10, 12	$\frac{1423}{9979200}(x-12)(x-10)(x-8)(x-6)(x-2)(x^6 - 17x^5 + \frac{165218}{1423}x^4 - \frac{537594}{1423}x^3 + \frac{798279}{1423}x^2 - \frac{384775}{1423}x + \frac{27720}{1423})$	179888, 899440, 2378692, 4118128, 5010696, 4396288, 2783820, 1246096, 375160, 68304, 5692	
2, 6, 8, 10, 12, 14	$\frac{11243}{389188800}(x-14)(x-12)(x-10)(x-8)(x-6)(x-2)(x^7 - 26x^6 + \frac{3093261}{11243}x^5 - \frac{16643948}{11243}x^4 + \frac{47079061}{11243}x^3 - \frac{64384254}{11243}x^2 + \frac{31258995}{11243}x + \frac{154440}{11243})$	7654888, 45929328, 148816600, 323064160, 507029480, 594955568, 528901320, 356006336, 179032968, 65319856, 16358424, 2518432, 179888	

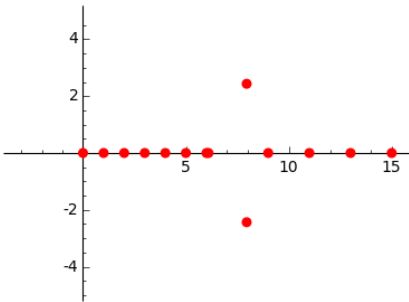
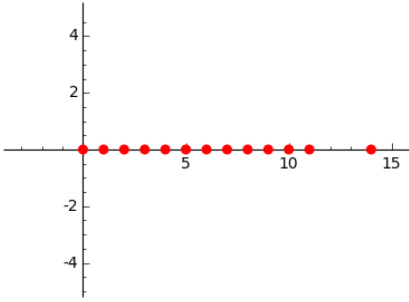
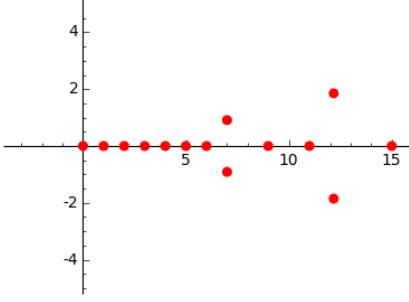
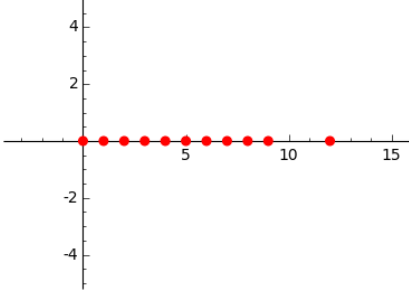
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 8, 10, 12, 15	$\frac{11243}{778377600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	50368640, 327396160, 1178626176, 2881086208, 5144796800, 6945475680, 7202715520, 5762172416, 3535878528, 1636980800, 554055040, 129519360, 18708352, 1259216	
2, 6, 8, 10, 13	$\frac{1423}{19958400}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1035944, 5697692, 17093076, 34186152, 48837360, 51279228, 39883844, 22790768, 9323496, 2589860, 438284, 34152	
2, 6, 8, 10, 13, 15	$\frac{1423}{119750400}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	49725312, 323214528, 1145458080, 2744659632, 4802340400, 6358624272, 6476721888, 5096844480, 3081056832, 1407062400, 470341344, 108705816, 15539160, 1035944	
2, 6, 8, 10, 14	$\frac{3001}{141523200}(x-14)(x-10)(x-8)(x-6)(x-2)(x^8 - \frac{1365412}{33011}x^7 + \frac{22815399}{33011}x^6 - \frac{197707340}{33011}x^5 + \frac{952583449}{33011}x^4 - \frac{2519569788}{33011}x^3 + \frac{3303244941}{33011}x^2 - \frac{1557658260}{33011}x + \frac{336960}{3001})$	3942136, 23652816, 79429384, 180329440, 295905560, 361826576, 333807000, 232230656, 120262176, 45035872, 11543568, 1814464, 132044	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 8, 10, 15	$\frac{907}{194594400}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{185387}{7256}x + \frac{608389}{3628})$	12109664, 78712816, 292423248, 742486888, 1375288200, 1918906704, 2048680816, 1681211168, 1054928448, 498069200, 171524848, 40718772, 5962996, 406336	
2, 6, 8, 11	$\frac{1}{2835}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	28160, 126720, 304128, 473088, 506880, 380160, 197120, 67584, 13824, 1280	
2, 6, 8, 11, 13	$\frac{1}{17010}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	1025024, 5637632, 16620032, 32507904, 45393920, 46638592, 35549696, 19941376, 8020992, 2193920, 366080, 28160	
2, 6, 8, 11, 13, 15	$\frac{1}{85050}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - 16x + 68)$	49786880, 323614720, 1145098240, 2738278400, 4781803520, 6320670720, 6429122560, 5053890560, 3052597248, 1393249280, 465541120, 107571200, 15375360, 1025024	

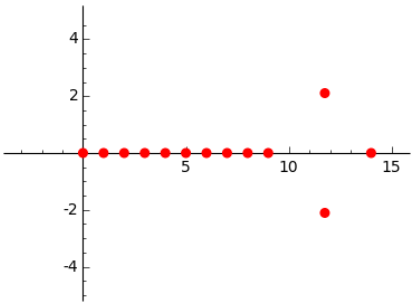
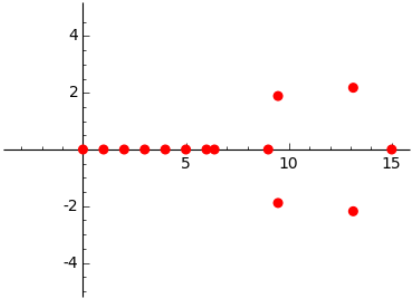
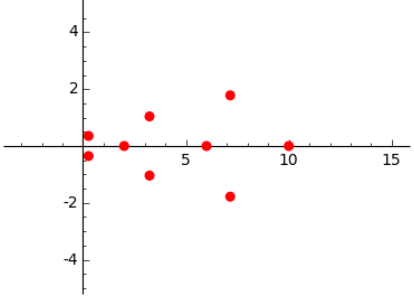
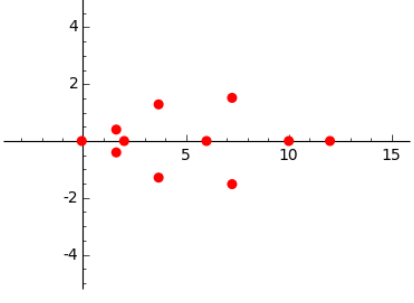
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 8, 11, 14	$\frac{1}{34020}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	6406400, 38438400, 126846720, 281881600, 453024000, 543628800, 493292800, 338257920, 172972800, 64064000, 16262400, 2534400, 183040	
2, 6, 8, 11, 15	$\frac{1}{113400}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2 - \frac{73}{3}x + \frac{454}{3})$	26357760, 171325440, 626728960, 1562429440, 2844042240, 3906839040, 4114360320, 3336192000, 2071535616, 969039360, 330992640, 78003200, 11348480, 768768	
2, 6, 8, 12	$\frac{233}{2217600}(x-12)(x-8)(x-6)(x-2)(x^7 - \frac{63659}{2097}x^6 + \frac{754472}{2097}x^5 - \frac{4392626}{2097}x^4 + \frac{13147061}{2097}x^3 - \frac{18739955}{2097}x^2 + \frac{9430130}{2097}x + \frac{30800}{233})$	93096, 465480, 1281694, 2333896, 2985852, 2743936, 1811290, 841272, 261700, 49048, 4194	
2, 6, 8, 12, 14	$\frac{431}{28828800}(x-14)(x-12)(x-8)(x-6)(x-2)(x^8 - 36x^7 + \frac{228837}{431}x^6 - \frac{16020614}{3879}x^5 + \frac{70522993}{3879}x^4 - \frac{19264528}{431}x^3 + \frac{214925675}{3879}x^2 - \frac{97656430}{3879}x + \frac{57200}{431})$	3860236, 23161416, 75318420, 164279120, 258997260, 305089896, 272056220, 183550752, 92461116, 33772072, 8463348, 1303344, 93096	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 8, 12, 15	$\frac{431}{57657600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	26066880, 169434720, 609964992, 1491025536, 2662545600, 3594436560, 3727563840, 2982051072, 1829894976, 847173600, 286735680, 67029120, 9681984, 651672	
2, 6, 8, 13	$\frac{2771}{119750400}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{59689}{2771}x + \frac{333870}{2771})$	250796, 1379378, 4284566, 8935212, 13287560, 14464450, 11612510, 6822088, 2859276, 811310, 139898, 11084	
2, 6, 8, 13, 15	$\frac{689}{239500800}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 27x^2 + \frac{163922}{689}x - \frac{456656}{689})$	11745344, 76344736, 271451440, 653190824, 1147576040, 1524849144, 1557640336, 1228530080, 743896800, 340132160, 113788048, 26311412, 3761940, 250796	
2, 6, 8, 14	$\frac{1159}{283046400}(x-14)(x-8)(x-6)(x-2)(x^9 - \frac{683998}{12749}x^8 + \frac{15376561}{12749}x^7 - \frac{187505710}{12749}x^6 + \frac{1343366191}{12749}x^5 - \frac{5721739402}{12749}x^4 + \frac{13939201499}{12749}x^3 - \frac{17314362090}{12749}x^2 + \frac{7944011640}{12749}x + \frac{3369600}{1159})$	591492, 3548952, 12268668, 28811280, 48815220, 61431672, 58135860, 41365632, 21852912, 8330064, 2169336, 345888, 25498	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 8, 15	$\frac{79}{129729600}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{88589}{1896}x^3 + \frac{1563349}{1896}x^2 - \frac{3090697}{474}x + \frac{9285407}{474})$	1266768, 8233992, 31337176, 81780556, 155454780, 222053208, 242119752, 202486896, 129240288, 61965720, 21639816, 5202854, 770822, 53088	
2, 6, 9	$\frac{1}{560}(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1080, 3780, 6804, 7560, 5400, 2430, 630, 72	
2, 6, 9, 11	$\frac{1}{3360}(x-11)(x-9)(x-6)(x-5)(x-3)(x-2)(x-1)x(x-4)^2$	28512, 128304, 301752, 457380, 477180, 348876, 176652, 59256, 11880, 1080	
2, 6, 9, 11, 13	$\frac{1}{16800}(x-13)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-12x+40)$	1050192, 5776056, 16998696, 33173712, 46223424, 47403720, 36080856, 20217888, 8126352, 2221776, 370656, 28512	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 9, 11, 13, 15	$\frac{17}{1411200}(x-15)(x-13)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-22x^2+\frac{2824}{17}x-\frac{7168}{17})$	51068160, 331943040, 1174372992, 2807678016, 4901987520, 6478418880, 6588699552, 5178826224, 3127845456, 1427528880, 476982000, 110213136, 15752880, 1050192	
2, 6, 9, 11, 14	$\frac{1}{33600}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	6486480, 38918880, 128432304, 285405120, 458686800, 550424160, 499458960, 342486144, 175134960, 64864800, 16465680, 2566080, 185328	
2, 6, 9, 11, 15	$\frac{1}{112896}(x-15)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-\frac{959}{25}x^3+\frac{13566}{25}x^2-\frac{83464}{25}x+\frac{189056}{25})$	26357760, 171325440, 627082560, 1564374240, 2849387040, 3916304640, 4126183344, 3347013384, 2078884440, 972720360, 332319240, 78329592, 11397672, 772200	
2, 6, 9, 12	$\frac{1}{6720}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	154440, 772200, 2084940, 3706560, 4633200, 4169880, 2702700, 1235520, 379080, 70200, 5940	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 9, 12, 14	$\frac{1}{40320}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	6486480, 38918880, 126331920, 274903200, 432432000, 508416480, 452677680, 305061120, 153543600, 56052000, 14042160, 2162160, 154440	
2, 6, 9, 12, 15	$\frac{1}{80640}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	43243200, 281080800, 1011890880, 2473511040, 4416984000, 5962928400, 6183777600, 4947022080, 3035672640, 1405404000, 475675200, 111196800, 16061760, 1081080	
2, 6, 9, 13	$\frac{1}{22400}(x-13)(x-9)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2(x^2 - \frac{61}{3}x + \frac{320}{3})$	555984, 3057912, 9338472, 19088784, 27853488, 29811600, 23581152, 13674816, 5666544, 1591812, 272052, 21384	
2, 6, 9, 13, 15	$\frac{1}{156800}(x-15)(x-13)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - 33x^3 + 404x^2 - \frac{6508}{3}x + \frac{12992}{3})$	26357760, 171325440, 608179104, 1460405232, 2560584240, 3396459600, 3464562384, 2729500488, 1651375512, 754603560, 252343080, 58335552, 8339760, 555984	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 9, 14	$\frac{1}{100800}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{47}{2}x + \frac{285}{2})$	1621620, 9729720, 33158268, 76602240, 127799100, 158609880, 148255380, 104334048, 54579420, 20622600, 5328180, 843480, 61776	
2, 6, 9, 15	$\frac{1}{564480}(x-15)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5 - \frac{258}{5}x^4 + 1057x^3 - 10716x^2 + 53644x - \frac{528192}{5})$	4118400, 26769600, 100666800, 259201800, 486501480, 686941560, 741229848, 614058588, 388581300, 184859820, 64098540, 15310944, 2254824, 154440	
2, 6, 10	$\frac{7}{12960}(x-10)(x-6)(x-2)(x^6 - \frac{1044}{49}x^5 + \frac{8314}{49}x^4 - \frac{4236}{7}x^3 + \frac{45781}{49}x^2 - \frac{21432}{49}x + \frac{864}{7})$	3094, 12376, 26564, 36376, 33324, 20460, 8118, 1888, 196	
2, 6, 10, 12	$\frac{221}{2851200}(x-12)(x-10)(x-6)(x-2)(x^7 - 25x^6 + \frac{54822}{221}x^5 - \frac{1912562}{1547}x^4 + \frac{717957}{221}x^3 - \frac{927149}{221}x^2 + \frac{3131080}{1547}x + \frac{31680}{221})$	95384, 476920, 1266250, 2203480, 2694132, 2373280, 1507350, 676120, 203812, 37128, 3094	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 10, 12, 14	$\frac{11923}{778377600}(x-14)(x-12)(x-10)(x-6)(x-2)(x^8-34x^7+\frac{5757373}{11923}x^6-\frac{43860844}{11923}x^5+\frac{191328829}{11923}x^4-\frac{469546054}{11923}x^3+\frac{583171635}{11923}x^2-\frac{265757640}{11923}x+\frac{1235520}{11923})$	4048996, 24293976, 78744700, 171028720, 268542068, 315229688, 280311348, 188717024, 94917060, 34633144, 8673756, 1335376, 95384	
2, 6, 10, 12, 15	$\frac{11923}{1556755200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	26707520, 173598880, 624955968, 1527670144, 2727982400, 3682776240, 3819175360, 3055340288, 1874867904, 867994400, 293782720, 68676480, 9919936, 667688	
2, 6, 10, 13	$\frac{221}{5702400}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	563108, 3097094, 9291282, 18582564, 26546520, 27873846, 21679658, 12388376, 5067972, 1407770, 238238, 18564	
2, 6, 10, 13, 15	$\frac{221}{34214400}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	27029184, 175689696, 622636560, 1491914424, 2610407800, 3456356904, 3520551216, 2770491360, 1674769824, 764836800, 255663408, 59089212, 8446620, 563108	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 10, 14	$\frac{3317}{283046400}(x-14)(x-10)(x-6)(x-2)(x^9 - \frac{1799068}{36487}x^8 + \frac{37218763}{36487}x^7 - \frac{38107436}{3317}x^6 + \frac{2791551733}{36487}x^5 - \frac{11154227812}{36487}x^4 + \frac{25763244057}{36487}x^3 - \frac{30692431644}{36487}x^2 + \frac{13688514720}{36487}x + \frac{2695680}{3317})$	2198812, 13192872, 44249188, 100311280, 164377316, 200763176, 185039196, 128632256, 66570840, 24916528, 6383832, 1003072, 72974	
2, 6, 10, 15	$\frac{2047}{778377600}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{208435}{8188}x + \frac{681185}{4094})$	6918128, 44967832, 166807368, 422794372, 781852500, 1089347688, 1161603352, 952257488, 596992032, 281645000, 96928216, 22996674, 3365986, 229264	
2, 6, 11	$\frac{11}{90720}(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{192}{11}x + \frac{886}{11})$	7304, 32868, 81972, 133518, 149490, 116622, 62594, 22116, 4644, 440	
2, 6, 11, 13	$\frac{83}{5443200}(x-13)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 21x^2 + \frac{11794}{83}x - \frac{24000}{83})$	259688, 1428284, 4225364, 8302008, 11643008, 12005812, 9177308, 5158672, 2077896, 568832, 94952, 7304	

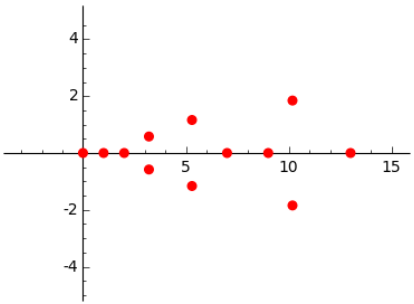
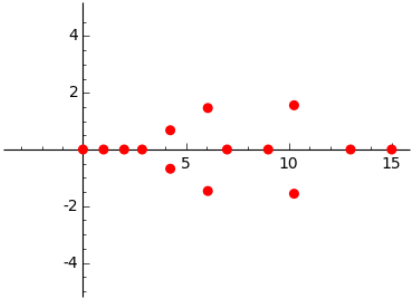
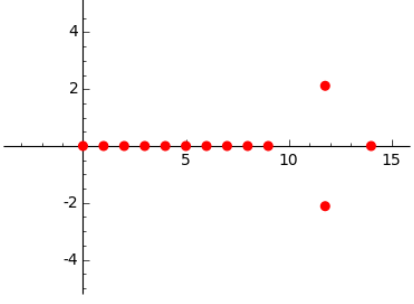
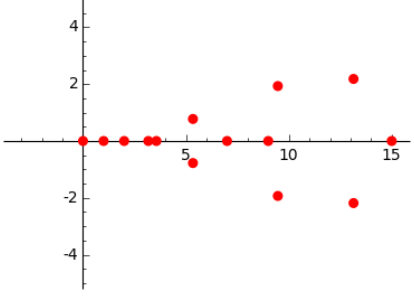
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 11, 13, 15	$\frac{227}{76204800}(x-15)(x-13)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-31x^3+\frac{82574}{227}x^2-\frac{434608}{227}x+\frac{870464}{227})$	12584000, 81796000, 289529344, 692655392, 1210074560, 1600054080, 1627947184, 1279971848, 773222040, 352942040, 117938920, 27252632, 3895320, 259688	
2, 6, 11, 14	$\frac{83}{10886400}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1661660, 9969960, 32900868, 73113040, 117503100, 141003720, 127947820, 87735648, 44864820, 16616600, 4218060, 657360, 47476	
2, 6, 11, 15	$\frac{59}{25401600}(x-15)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-\frac{8369}{177}x^4+\frac{52234}{59}x^3-\frac{1449698}{177}x^2+\frac{2206380}{59}x-\frac{11911424}{177})$	7001280, 45508320, 166298080, 414047920, 752776320, 1033021320, 1086965448, 880765308, 546577236, 255560580, 87256620, 20556404, 2989844, 202488	
2, 6, 12	$\frac{97}{4435200}(x-12)(x-6)(x-2)(x^8-\frac{35395}{873}x^7+\frac{65504}{97}x^6-\frac{1721366}{291}x^5+\frac{2815029}{97}x^4-\frac{22718809}{291}x^3+\frac{10023050}{97}x^2-\frac{42091760}{873}x+\frac{246400}{97})$	15228, 76140, 216295, 408340, 540534, 512200, 347425, 165300, 52534, 10036, 873	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 12, 14	$\frac{47}{19219200}(x-14)(x-12)(x-6)(x-2)(x^9 - 44x^8 + \frac{114931}{141}x^7 - \frac{10463182}{1269}x^6 + \frac{62773867}{1269}x^5 - \frac{226892512}{1269}x^4 + \frac{477676165}{1269}x^3 - \frac{526024630}{1269}x^2 + \frac{223638160}{1269}x + \frac{457600}{141})$	618142, 3708852, 12096210, 26483240, 41904966, 49517796, 44268566, 29925648, 15096270, 5519428, 1384002, 213192, 15228	
2, 6, 12, 15	$\frac{47}{38438400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	4263840, 27714960, 99773856, 243891648, 435520800, 587953080, 609729120, 487783296, 299321568, 138574800, 46902240, 10964160, 1583712, 106596	
2, 6, 13	$\frac{793}{239500800}(x-13)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{30614}{793}x^3 + \frac{447515}{793}x^2 - \frac{2940118}{793}x + \frac{7391760}{793})$	29042, 159731, 508937, 1092234, 1668836, 1861951, 1528457, 916156, 391026, 112799, 19745, 1586	
2, 6, 13, 15	$\frac{1117}{3353011200}(x-15)(x-13)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5 - 42x^4 + \frac{776451}{1117}x^3 - \frac{6278398}{1117}x^2 + \frac{24489728}{1117}x - \frac{35743232}{1117})$	1334528, 8674432, 30917848, 74629412, 131512820, 175215228, 179381680, 141733196, 85940388, 39334580, 13168276, 3046238, 435630, 29042	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 6, 14	$\frac{7}{16174080}(x-14)(x-6)(x-2)(x^{10} - \frac{171538}{2695}x^9 + \frac{942255}{539}x^8 - \frac{10409094}{385}x^7 + \frac{138896841}{539}x^6 - \frac{598897626}{385}x^5 + \frac{452410723}{77}x^4 - \frac{35447321102}{2695}x^3 + \frac{8296072632}{539}x^2 - \frac{520417728}{77}x + \frac{5391360}{49})$	51744, 310464, 1096032, 2634240, 4562292, 5858832, 5648472, 4088208, 2193870, 848436, 223914, 36144, 2695	
2, 6, 15	$\frac{181}{3632428800}(x-15)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^6 - \frac{138325}{2172}x^5 + \frac{918887}{543}x^4 - \frac{52187791}{2172}x^3 + \frac{104544248}{543}x^2 - \frac{449337409}{543}x + \frac{813737624}{543})$	87336, 567684, 2198716, 5848414, 11320590, 16446336, 18216960, 15459642, 10002726, 4857210, 1716462, 417281, 62465, 4344	
2, 7	$\frac{1}{180}(x-7)(x-2)(x-1)x(x^2 - \frac{19}{2}x + 27)$	28, 70, 90, 65, 25, 4	
2, 7, 9	$\frac{1}{1440}(x-9)(x-7)(x-2)(x-1)x(x^3 - 9x^2 + 22x + 8)$	492, 1722, 3038, 3290, 2286, 1000, 252, 28	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 7, 9, 11	$\frac{41}{302400}(x-11)(x-9)(x-7)(x-2)(x-1)x(x^4-15x^3+\frac{3598}{41}x^2-\frac{9696}{41}x+\frac{11040}{41})$	13112, 59004, 138552, 209580, 218228, 159296, 80564, 27004, 5412, 492	
2, 7, 9, 11, 13	$\frac{149}{5443200}(x-13)(x-11)(x-9)(x-7)(x-2)(x-1)x(x^5-23x^4+\frac{31900}{149}x^3-\frac{147836}{149}x^2+\frac{337968}{149}x-\frac{299520}{149})$	483392, 2658656, 7823200, 15264480, 21265424, 21805336, 16595176, 9298440, 3737240, 1021752, 170456, 13112	
2, 7, 9, 11, 13, 15	$\frac{83}{14968800}(x-15)(x-13)(x-11)(x-9)(x-7)(x-2)(x-1)x(x^6-33x^5+\frac{74721}{166}x^4-\frac{267344}{83}x^3+\frac{1053682}{83}x^2-\frac{2162248}{83}x+\frac{1802496}{83})$	23508352, 152804288, 540594912, 1292424848, 2256434416, 2982039264, 3032768928, 2383787616, 1439723776, 657078528, 219550000, 50729936, 7250880, 483392	
2, 7, 9, 11, 14	$\frac{149}{10886400}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2982980, 17897880, 59063004, 131251120, 210939300, 253127160, 229689460, 157501344, 80540460, 29829800, 7572180, 1180080, 85228	

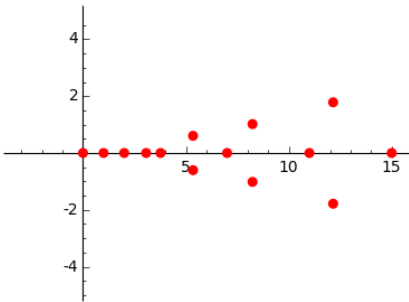
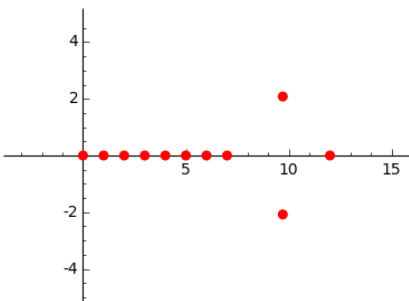
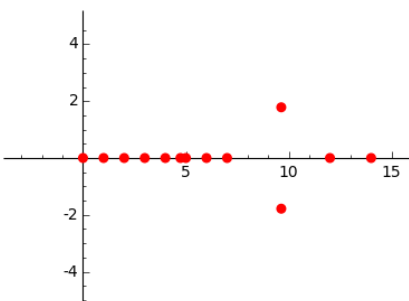
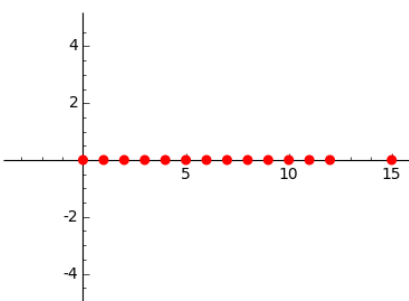
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 7, 9, 11, 15	$\frac{13}{3193344}(x-15)(x-11)(x-9)(x-7)(x-2)(x-1)x(x^7 - \frac{48128}{975}x^6 + \frac{196301}{195}x^5 - \frac{10693556}{975}x^4 + \frac{5171308}{75}x^3 - \frac{243978896}{975}x^2 + \frac{7284224}{15}x - \frac{126326272}{325})$	12109664, 78712816, 288116400, 718799224, 1309303592, 1799633448, 1896144656, 1538129488, 955379680, 447035536, 152727240, 35999192, 5238272, 354900	
2, 7, 9, 12	$\frac{41}{604800}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	70356, 351780, 949806, 1688544, 2110680, 1899612, 1231230, 562848, 172692, 31980, 2706	
2, 7, 9, 12, 14	$\frac{41}{3628800}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	2954952, 17729712, 57551208, 125233680, 196996800, 231611952, 206219832, 138972288, 69947640, 25534800, 6396984, 984984, 70356	
2, 7, 9, 12, 15	$\frac{41}{7257600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	19699680, 128047920, 460972512, 1126821696, 2012181600, 2716445160, 2817054240, 2253643392, 1382917536, 640239600, 216696480, 50656320, 7317024, 492492	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 7, 9, 13	$\frac{11}{544320}(x-13)(x-9)(x-7)(x-2)(x-1)x(x^6 - \frac{4109}{110}x^5 + \frac{12339}{22}x^4 - \frac{47461}{11}x^3 + \frac{197656}{11}x^2 - \frac{2117448}{55}x + \frac{366624}{11})$	250796, 1379378, 4214518, 8619996, 12584768, 13475686, 10663354, 6185604, 2563808, 720354, 123134, 9680	
2, 7, 9, 13, 15	$\frac{689}{239500800}(x-15)(x-13)(x-9)(x-7)(x-2)(x-1)x(x^7 - 44x^6 + \frac{557367}{689}x^5 - \frac{5543648}{689}x^4 + \frac{32214356}{689}x^3 - \frac{109337184}{689}x^2 + \frac{15427136}{53}x - \frac{153111552}{689})$	11885440, 77255360, 274257984, 658609952, 1154834992, 1531896264, 1562675520, 1231166832, 744885088, 340383936, 113827192, 26314220, 3761940, 250796	
2, 7, 9, 14	$\frac{97}{21772800}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{2283}{97}x + \frac{13868}{97})$	724724, 4348344, 14827956, 34279960, 57228600, 71066424, 66459484, 46790016, 24485580, 9254600, 2391708, 378708, 27742	
2, 7, 9, 15	$\frac{1}{1267200}(x-15)(x-9)(x-7)(x-2)(x-1)x(x^8 - \frac{11840}{189}x^7 + \frac{315443}{189}x^6 - \frac{4651408}{189}x^5 + \frac{41394464}{189}x^4 - \frac{227097400}{189}x^3 + \frac{748917632}{189}x^2 - \frac{1356322112}{189}x + \frac{49187072}{9})$	1825040, 11862760, 44636592, 115010896, 216003704, 305170488, 329451920, 273048328, 172854208, 82260232, 28531764, 6817130, 1004198, 68796	

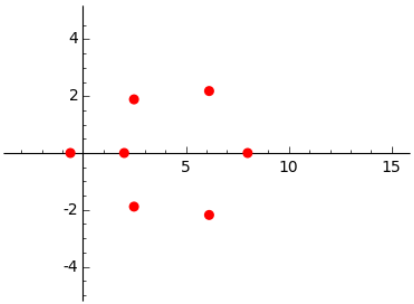
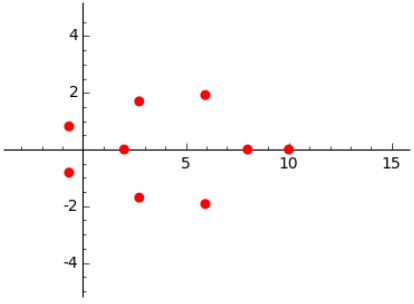
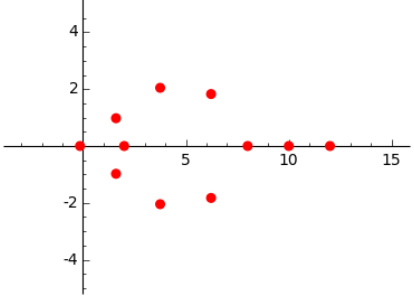
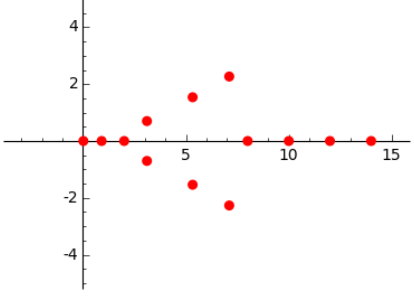
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 7, 10	$\frac{1}{2880}(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2310, 9240, 19404, 25872, 23100, 13860, 5390, 1232, 126	
2, 7, 10, 12	$\frac{1}{17280}(x-12)(x-10)(x-7)(x-6)(x-4)(x-3)(x-2)(x-1)x(x-5)^2$	72072, 360360, 954954, 1657656, 2022020, 1777776, 1127490, 505232, 152208, 27720, 2310	
2, 7, 10, 12, 14	$\frac{1}{86400}(x-14)(x-12)(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-14x+53)$	3063060, 18378360, 59559500, 129329200, 203022092, 238275128, 211851892, 142613408, 71724156, 26169528, 6553932, 1009008, 72072	
2, 7, 10, 12, 15	$\frac{1}{172800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	20180160, 131171040, 472215744, 1154305152, 2061259200, 2782699920, 2885762880, 2308610304, 1416647232, 655855200, 221981760, 51891840, 7495488, 504504	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 7, 10, 13	$\frac{1}{34560}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	420420, 2312310, 6936930, 13873860, 19819800, 20810790, 16186170, 9249240, 3783780, 1051050, 177870, 13860	
2, 7, 10, 13, 15	$\frac{1}{207360}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	20180160, 131171040, 464864400, 1113872760, 1948947000, 2580537960, 2628465840, 2068466400, 1250393760, 571032000, 190879920, 44116380, 6306300, 420420	
2, 7, 10, 14	$\frac{1}{115200}(x-14)(x-10)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2(x^2 - \frac{67}{3}x + 128)$	1621620, 9729720, 32652620, 74074000, 121461704, 148429736, 136866604, 95179616, 49272972, 18446736, 4727184, 742896, 54054	
2, 7, 10, 15	$\frac{1}{518400}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{51}{2}x + 167)$	5045040, 32792760, 121729608, 308792484, 571470900, 796755960, 850089240, 697224528, 437288544, 206375400, 71046360, 16860690, 2468466, 168168	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 7, 11	$\frac{1}{9450}(x-11)(x-7)(x-2)(x-1)x(x^5 - \frac{873}{32}x^4 + \frac{9241}{32}x^3 - \frac{2931}{2}x^2 + \frac{28347}{8}x - \frac{6345}{2})$	7304, 32868, 80412, 128058, 140366, 107462, 56738, 19762, 4098, 384	
2, 7, 11, 13	$\frac{83}{5443200}(x-13)(x-11)(x-7)(x-2)(x-1)x(x^6 - 32x^5 + \frac{34621}{83}x^4 - \frac{234872}{83}x^3 + \frac{876204}{83}x^2 - \frac{1708704}{83}x + \frac{1373760}{83})$	262808, 1445444, 4268572, 8367744, 11709608, 12052264, 9199528, 5165676, 2079212, 568944, 94952, 7304	
2, 7, 11, 13, 15	$\frac{361}{119750400}(x-15)(x-13)(x-11)(x-7)(x-2)(x-1)x(x^7 - 42x^6 + \frac{269625}{361}x^5 - \frac{2623756}{361}x^4 + \frac{15047900}{361}x^3 - \frac{50721200}{361}x^2 + \frac{92778432}{361}x - \frac{70827264}{361})$	12750304, 82876976, 293305584, 701533976, 1225326712, 1619935488, 1647949296, 1295567952, 782588320, 357200616, 119358520, 27580232, 3942120, 262808	
2, 7, 11, 14	$\frac{83}{10886400}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1661660, 9969960, 32900868, 73113040, 117503100, 141003720, 127947820, 87735648, 44864820, 16616600, 4218060, 657360, 47476	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 7, 11, 15	$\frac{23}{9979200}(x-15)(x-11)(x-7)(x-2)(x-1)x(x^8 - \frac{16093}{276}x^7 + \frac{99950}{69}x^6 - \frac{5515477}{276}x^5 + \frac{23072221}{138}x^4 - \frac{59866543}{69}x^3 + \frac{188021054}{69}x^2 - \frac{108833120}{23}x + \frac{79960032}{23})$	6918128, 44967832, 164409960, 409608628, 745150244, 1023080616, 1076964392, 872967256, 541894096, 253431292, 86546820, 20392604, 2966444, 200928	
2, 7, 12	$\frac{29}{1209600}(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{563}{29}x + \frac{2858}{29})$	18876, 94380, 263835, 489060, 636350, 593736, 397215, 186680, 58680, 11100, 957	
2, 7, 12, 14	$\frac{11}{3628800}(x-14)(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 24x^2 + \frac{2059}{11}x - \frac{4998}{11})$	774774, 4648644, 15138266, 33078760, 52242554, 61632740, 55026118, 37159472, 18731202, 6844836, 1715802, 264264, 18876	
2, 7, 12, 15	$\frac{11}{7257600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	5285280, 34354320, 123675552, 302318016, 539853600, 728802360, 755795040, 604636032, 371026656, 171771600, 58138080, 13590720, 1963104, 132132	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 7, 13	$\frac{19}{4354560}(x-13)(x-7)(x-2)(x-1)x(x^7 - \frac{4607}{95}x^6 + \frac{93393}{95}x^5 - \frac{204257}{19}x^4 + \frac{1296656}{19}x^3 - \frac{23806908}{95}x^2 + \frac{2456208}{5}x - 393984)$	42770, 235235, 739585, 1563870, 2356256, 2595481, 2105935, 1248990, 527960, 150963, 26213, 2090	
2, 7, 13, 15	$\frac{47}{95800320}(x-15)(x-13)(x-7)(x-2)(x-1)x(x^8 - 53x^7 + \frac{56457}{47}x^6 - \frac{3565237}{235}x^5 + \frac{27404368}{235}x^4 - \frac{26231532}{47}x^3 + \frac{76325168}{47}x^2 - \frac{617478528}{235}x + \frac{426235392}{235})$	1985200, 12903800, 45933888, 110694584, 194757544, 259112268, 264961200, 209152104, 126726112, 57970092, 19399564, 4486670, 641550, 42770	
2, 7, 14	$\frac{29}{43545600}(x-14)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{1234}{29}x^3 + \frac{19843}{29}x^2 - \frac{143054}{29}x + 13536)$	88088, 528528, 1845272, 4381520, 7501598, 9531080, 9098516, 6525344, 3472224, 1332332, 349074, 55968, 4147	
2, 7, 15	$\frac{1}{11404800}(x-15)(x-7)(x-2)(x-1)x(x^9 - \frac{3091}{42}x^8 + \frac{99133}{42}x^7 - \frac{1813823}{42}x^6 + \frac{20809981}{42}x^5 - \frac{77405911}{21}x^4 + \frac{372296426}{21}x^3 - \frac{159002228}{3}x^2 + \frac{623784752}{7}x - 63968256)$	168560, 1095640, 4204200, 11071060, 21225428, 30559536, 33565280, 28260652, 18150376, 8752654, 3072978, 742505, 110513, 7644	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 8	$\frac{1}{1008}(x-8)(x-2)(x^5 - \frac{83}{5}x^4 + \frac{511}{5}x^3 - \frac{1297}{5}x^2 + \frac{1044}{5}x + 252)$	40, 120, 195, 190, 111, 36, 5	
2, 8, 10	$\frac{1}{9072}(x-10)(x-8)(x-2)(x^6 - 16x^5 + 92x^4 - \frac{1006}{5}x^3 + \frac{387}{5}x^2 + \frac{846}{5}x + \frac{2268}{5})$	850, 3400, 7028, 9184, 8024, 4708, 1790, 400, 40	
2, 8, 10, 12	$\frac{17}{798336}(x-12)(x-10)(x-8)(x-2)(x^7 - 23x^6 + \frac{3700}{17}x^5 - \frac{18234}{17}x^4 + \frac{49053}{17}x^3 - \frac{333739}{85}x^2 + \frac{35166}{17}x + \frac{33264}{85})$	26744, 133720, 353910, 613320, 746940, 655824, 415490, 186040, 56020, 10200, 850	
2, 8, 10, 12, 14	$\frac{3343}{778377600}(x-14)(x-12)(x-10)(x-8)(x-2)(x^8 - 32x^7 + \frac{1441113}{3343}x^6 - \frac{10466110}{3343}x^5 + \frac{43693697}{3343}x^4 - \frac{103014804}{3343}x^3 + \frac{123513447}{3343}x^2 - \frac{54607950}{3343}x + \frac{926640}{3343})$	1137516, 6825096, 22115764, 48015440, 75364076, 88439720, 78625052, 52924928, 26616204, 9711016, 2432004, 374416, 26744	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 8, 10, 12, 15	$\frac{3343}{1556755200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	7488320, 48674080, 175226688, 428331904, 764878400, 1032585840, 1070829760, 856663808, 525680064, 243370400, 82371520, 19255680, 2781376, 187208	
2, 8, 10, 13	$\frac{17}{1596672}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	154700, 850850, 2552550, 5105100, 7293000, 7657650, 5955950, 3403400, 1392300, 386750, 65450, 5100	
2, 8, 10, 13, 15	$\frac{17}{9580032}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	7425600, 48266400, 171054000, 409866600, 717145000, 949548600, 967184400, 761124000, 460101600, 210120000, 70237200, 16233300, 2320500, 154700	
2, 8, 10, 14	$\frac{899}{283046400}(x-14)(x-10)(x-8)(x-2)(x^9 - \frac{468266}{9889}x^8 + \frac{9285525}{9889}x^7 - \frac{100186618}{9889}x^6 + \frac{640328891}{9889}x^5 - \frac{2465315214}{9889}x^4 + \frac{5517912135}{9889}x^3 - \frac{6416079822}{9889}x^2 + \frac{2822686920}{9889}x + \frac{2021760}{899})$	591492, 3548952, 11915068, 27043280, 44364212, 54235640, 50026724, 34798736, 18018648, 6746992, 1729248, 271792, 19778	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 8, 10, 15	$\frac{1091}{1556755200}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{55711}{2182}x + \frac{182687}{1091})$	1825040, 11862760, 44058456, 111831148, 207078300, 288854280, 308318920, 252966896, 158705568, 74919800, 25797640, 6123510, 896662, 61096	
2, 8, 11	$\frac{1}{18144}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	4400, 19800, 47520, 73920, 79200, 59400, 30800, 10560, 2160, 200	
2, 8, 11, 13	$\frac{1}{108864}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	160160, 880880, 2596880, 5079360, 7092800, 7287280, 5554640, 3115840, 1253280, 342800, 57200, 4400	
2, 8, 11, 13, 15	$\frac{1}{544320}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - 16x + 68)$	7779200, 50564800, 178921600, 427856000, 747156800, 987604800, 1004550400, 789670400, 476968320, 217695200, 72740800, 16808000, 2402400, 160160	

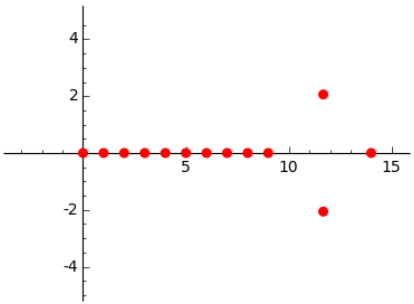
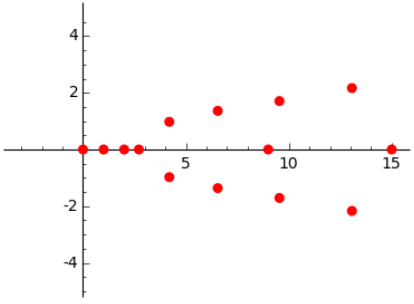
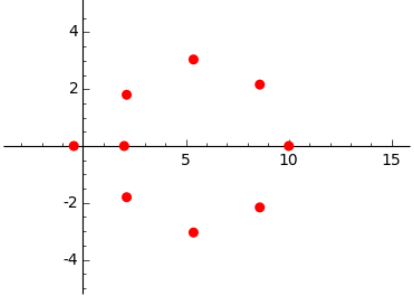
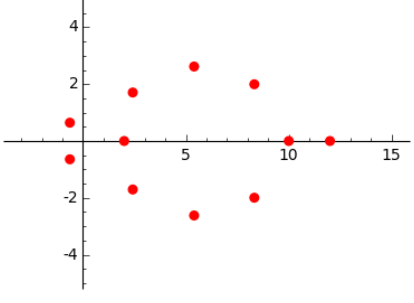
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 8, 11, 14	$\frac{1}{217728}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1001000, 6006000, 19819800, 44044000, 70785000, 84942000, 77077000, 52852800, 27027000, 10010000, 2541000, 396000, 28600	
2, 8, 11, 15	$\frac{1}{725760}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2 - \frac{73}{3}x + \frac{454}{3})$	4118400, 26769600, 97926400, 244129600, 444381600, 610443600, 642868800, 521280000, 323677440, 151412400, 51717600, 12188000, 1773200, 120120	
2, 8, 12	$\frac{1}{59136}(x-12)(x-8)(x-2)(x^8 - \frac{979}{27}x^7 + \frac{14566}{27}x^6 - \frac{114166}{27}x^5 + \frac{503803}{27}x^4 - \frac{6153311}{135}x^3 + \frac{1496740}{27}x^2 - \frac{1088188}{45}x + 2464)$	15228, 76140, 209145, 379740, 484530, 444288, 292755, 135780, 42190, 7900, 675	
2, 8, 12, 14	$\frac{47}{19219200}(x-14)(x-12)(x-8)(x-2)(x^9 - 42x^8 + \frac{35117}{47}x^7 - \frac{9291820}{1269}x^6 + \frac{54602351}{1269}x^5 - \frac{65208214}{423}x^4 + \frac{412506721}{1269}x^3 - \frac{458072960}{1269}x^2 + \frac{65347540}{423}x + \frac{114400}{47})$	632442, 3794652, 12336918, 26900280, 42397962, 49931340, 44516674, 30030336, 15125898, 5524492, 1384398, 213192, 15228	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 8, 12, 15	$\frac{47}{38438400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	4263840, 27714960, 99773856, 243891648, 435520800, 587953080, 609729120, 487783296, 299321568, 138574800, 46902240, 10964160, 1583712, 106596	
2, 8, 13	$\frac{37}{9580032}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{791}{37}x + \frac{4386}{37})$	42770, 235235, 728585, 1514370, 2245100, 2437435, 1952405, 1144780, 479010, 135725, 23375, 1850	
2, 8, 13, 15	$\frac{47}{95800320}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 27x^2 + \frac{11198}{47}x - \frac{31376}{47})$	2007200, 13046800, 46376200, 111554300, 195919100, 260250900, 265783000, 209586800, 126890640, 58012400, 19406200, 4487150, 641550, 42770	
2, 8, 14	$\frac{401}{566092800}(x-14)(x-8)(x-2)(x^{10} - \frac{262244}{4411}x^9 + \frac{608665}{401}x^8 - \frac{95846732}{4411}x^7 + \frac{76653439}{401}x^6 - \frac{4695546476}{4411}x^5 + \frac{1491295475}{401}x^4 - \frac{34196466228}{4411}x^3 + \frac{3426249060}{401}x^2 - \frac{15903434160}{4411}x + \frac{20217600}{401})$	104654, 627924, 2164866, 5068360, 8562894, 10748580, 10149038, 7207032, 3800676, 1446504, 376176, 59904, 4411	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 8, 15	$\frac{113}{1037836800}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{31531}{678}x^3 + \frac{553337}{678}x^2 - \frac{2172952}{339}x + \frac{6472490}{339})$	231480, 1504620, 5712772, 14869426, 28195050, 40183260, 43724940, 36499752, 23257296, 11133900, 3882780, 932345, 137969, 9492	
2, 9	$\frac{1}{6720}(x-9)(x-2)(x-1)x(x^4 - \frac{68}{3}x^3 + \frac{595}{3}x^2 - \frac{2398}{3}x + \frac{3992}{3})$	54, 189, 371, 455, 357, 175, 49, 6	
2, 9, 11	$\frac{1}{67200}(x-11)(x-9)(x-2)(x-1)x(x^5 - 22x^4 + 183x^3 - \frac{2006}{3}x^2 + 832x + \frac{1760}{3})$	1364, 6138, 14544, 22260, 23436, 17262, 8788, 2958, 594, 54	
2, 9, 11, 13	$\frac{31}{10886400}(x-13)(x-11)(x-9)(x-2)(x-1)x(x^6 - 30x^5 + \frac{11611}{31}x^4 - \frac{77064}{31}x^3 + \frac{287500}{31}x^2 - \frac{574704}{31}x + \frac{495360}{31})$	50024, 275132, 810260, 1582680, 2207128, 2265032, 1724872, 966860, 388700, 106284, 17732, 1364	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 9, 11, 13, 15	$\frac{481}{838252800}(x-15)(x-13)(x-11)(x-9)(x-2)(x-1)x(x^7-40x^6+\frac{327597}{481}x^5-\frac{3064510}{481}x^4+\frac{16950300}{481}x^3-\frac{55252984}{481}x^2+\frac{2647712}{13}x-\frac{72489984}{481})$	2431424, 15804256, 55917264, 133698136, 233445992, 308541168, 313809856, 246669032, 148984072, 67996536, 22720000, 5249792, 750360, 50024	
2, 9, 11, 14	$\frac{31}{21772800}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	310310, 1861860, 6144138, 13653640, 21943350, 26332020, 23893870, 16384368, 8378370, 3103100, 787710, 122760, 8866	
2, 9, 11, 15	$\frac{19}{44706816}(x-15)(x-11)(x-9)(x-2)(x-1)x(x^8-\frac{80299}{1425}x^7+\frac{642061}{475}x^6-\frac{8552651}{475}x^5+\frac{69176976}{475}x^4-\frac{347878804}{475}x^3+\frac{1062109712}{475}x^2-\frac{5399278208}{1425}x+\frac{1296630272}{475})$	1266768, 8233992, 30131400, 75148788, 136844604, 188045676, 198089712, 160661196, 99778060, 46682332, 15947280, 3758624, 546884, 37050	
2, 9, 12	$\frac{1}{134400}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	7722, 38610, 104247, 185328, 231660, 208494, 135135, 61776, 18954, 3510, 297	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 9, 12, 14	$\frac{1}{806400}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	324324, 1945944, 6316596, 13745160, 21621600, 25420824, 22633884, 15253056, 7677180, 2802600, 702108, 108108, 7722	
2, 9, 12, 15	$\frac{1}{1612800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2162160, 14054040, 50594544, 123675552, 220849200, 298146420, 309188880, 247351104, 151783632, 70270200, 23783760, 5559840, 803088, 54054	
2, 9, 13	$\frac{1}{435456}(x-13)(x-9)(x-2)(x-1)x(x^7 - \frac{1106}{25}x^6 + \frac{20467}{25}x^5 - 8192x^4 + \frac{238862}{5}x^3 - \frac{4048124}{25}x^2 + \frac{7351488}{25}x - \frac{1088064}{5})$	29042, 159731, 486761, 992442, 1444696, 1543157, 1218643, 705758, 292136, 81993, 14003, 1100	
2, 9, 13, 15	$\frac{1117}{3353011200}(x-15)(x-13)(x-9)(x-2)(x-1)x(x^8 - 51x^7 + \frac{1247927}{1117}x^6 - \frac{15322861}{1117}x^5 + \frac{115278716}{1117}x^4 - \frac{543871228}{1117}x^3 + \frac{1570654528}{1117}x^2 - \frac{2537698624}{1117}x + \frac{1758231552}{1117})$	1378880, 8962720, 31809648, 76363144, 133855904, 177512868, 181040680, 142611164, 86272876, 39420132, 13181704, 3047210, 435630, 29042	

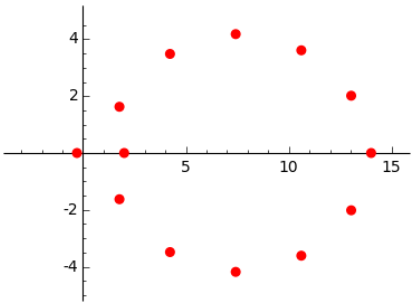
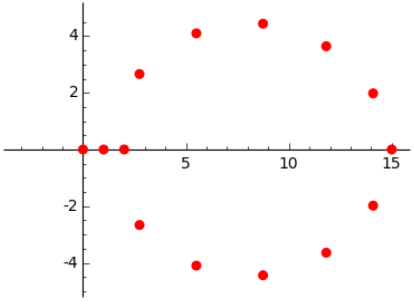
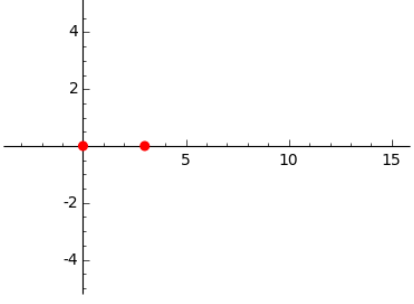
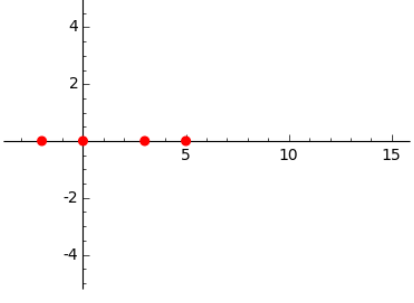
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 9, 14	$\frac{23}{43545600}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{537}{23}x + \frac{3232}{23})$	88088, 528528, 1796652, 4138420, 6885450, 8525088, 7952308, 5586672, 2918160, 1101200, 284196, 44946, 3289	
2, 9, 15	$\frac{109}{1117670400}(x-15)(x-9)(x-2)(x-1)x(x^9 - \frac{22699}{327}x^8 + \frac{684659}{327}x^7 - \frac{3917899}{109}x^6 + \frac{42117130}{109}x^5 - \frac{293573908}{109}x^4 + \frac{1325053552}{109}x^3 - \frac{11187494288}{327}x^2 + \frac{17786002048}{327}x - \frac{4045237504}{109})$	231480, 1504620, 5644704, 14495052, 27137448, 38231856, 41171220, 340476666, 21512146, 10219834, 3539268, 844475, 124241, 8502	
2, 10	$\frac{1}{51840}(x-10)(x-2)(x^7 - \frac{222}{7}x^6 + \frac{2890}{7}x^5 - \frac{19596}{7}x^4 + \frac{72343}{7}x^3 - \frac{133398}{7}x^2 + \frac{86040}{7}x + 10368)$	70, 280, 644, 952, 938, 616, 260, 64, 7	
2, 10, 12	$\frac{1}{570240}(x-12)(x-10)(x-2)(x^8 - 31x^7 + 390x^6 - \frac{17530}{7}x^5 + \frac{58623}{7}x^4 - 12223x^3 + \frac{7184}{7}x^2 + \frac{62988}{7}x + 19008)$	2072, 10360, 27678, 48552, 59820, 53040, 33860, 15244, 4606, 840, 70	

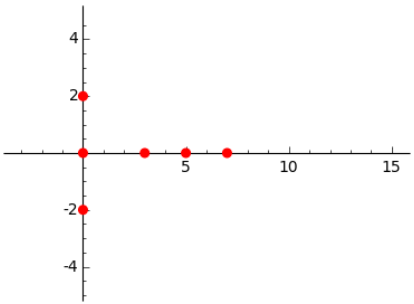
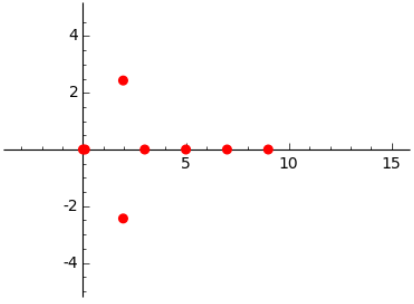
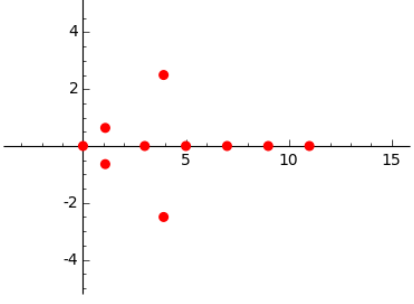
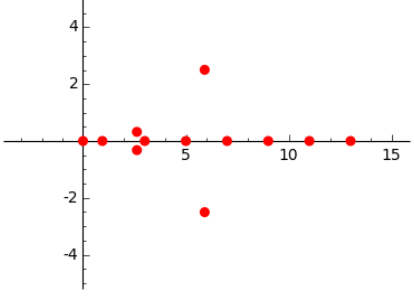
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 10, 12, 14	$\frac{37}{111196800}(x-14)(x-12)(x-10)(x-2)(x^9 - 40x^8 + \frac{25399}{37}x^7 - \frac{243046}{37}x^6 + \frac{1411063}{37}x^5 - \frac{35377780}{259}x^4 + \frac{75590847}{259}x^3 - \frac{12338214}{37}x^2 + \frac{38942460}{259}x + \frac{3706560}{259})$	87612, 525672, 1704868, 3705680, 5822696, 6839096, 6084308, 4097552, 2061360, 752248, 188412, 29008, 2072	
2, 10, 12, 15	$\frac{37}{222393600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	580160, 3771040, 13575744, 33185152, 59259200, 79999920, 82962880, 66370304, 40727232, 18855200, 6381760, 1491840, 215488, 14504	
2, 10, 13	$\frac{1}{1140480}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	12740, 70070, 210210, 420420, 600600, 630630, 490490, 280280, 114660, 31850, 5390, 420	
2, 10, 13, 15	$\frac{1}{6842880}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	611520, 3974880, 14086800, 33753720, 59059000, 78198120, 79650480, 62680800, 37890720, 17304000, 5784240, 1336860, 191100, 12740	

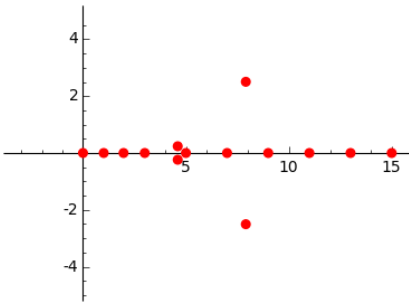
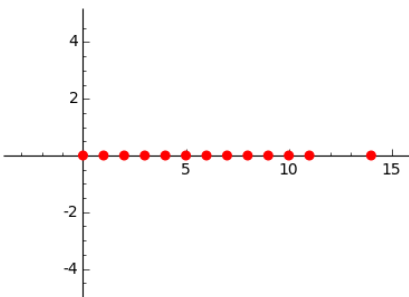
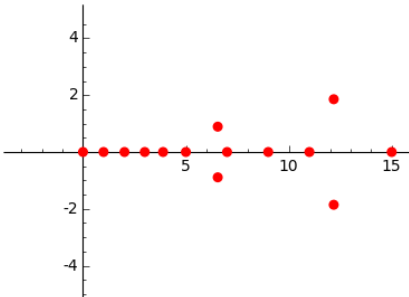
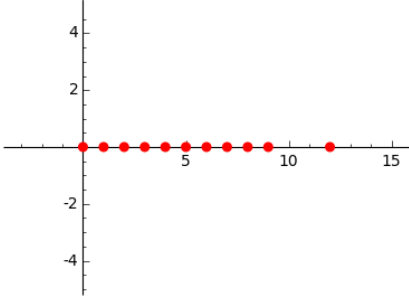
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 10, 14	$\frac{11}{40435200}(x-14)(x-10)(x-2)(x^{10} - \frac{6682}{121}x^9 + \frac{158797}{121}x^8 - \frac{2123002}{121}x^7 + \frac{17515915}{121}x^6 - \frac{643462546}{847}x^5 + \frac{2128936281}{847}x^4 - \frac{4221505986}{847}x^3 + \frac{4441819248}{847}x^2 - \frac{1797115680}{847}x + \frac{8087040}{77})$	51744, 310464, 1039456, 2351360, 3845402, 4688552, 4315196, 2996264, 1549170, 579376, 148344, 23296, 1694	
2, 10, 15	$\frac{7}{111196800}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)(x(x^2 - \frac{709}{28}x + \frac{329}{2}))$	168560, 1095640, 4055688, 10254244, 18918900, 26306280, 28002520, 22921808, 14351904, 6763400, 2325400, 551250, 80626, 5488	
2, 11	$\frac{1}{453600}(x-11)(x-2)(x-1)(x(x^6 - \frac{159}{4}x^5 + 661x^4 - \frac{23601}{4}x^3 + 30055x^2 - 84123x + 106020))$	88, 396, 1044, 1806, 2142, 1764, 996, 369, 81, 8	
2, 11, 13	$\frac{1}{5443200}(x-13)(x-11)(x-2)(x-1)(x(x^7 - 39x^6 + 631x^5 - 5403x^4 + 25666x^3 - 62364x^2 + 48456x + 56160))$	3016, 16588, 49324, 97548, 137676, 142758, 109626, 61842, 24974, 6848, 1144, 88	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 11, 13, 15	$\frac{29}{838252800}(x-15)(x-13)(x-11)(x-2)(x-1)x(x^8-49x^7+\frac{30171}{29}x^6-\frac{362039}{29}x^5+\frac{2683248}{29}x^4-\frac{12573980}{29}x^3+\frac{36414448}{29}x^2-2061408x+\frac{43247232}{29})$	145648, 946712, 3352648, 8025732, 14029444, 18560256, 18891392, 14857804, 8977420, 4098392, 1369640, 316504, 45240, 3016	
2, 11, 14	$\frac{1}{10886400}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	20020, 120120, 396396, 880880, 1415700, 1698840, 1541540, 1057056, 540540, 200200, 50820, 7920, 572	
2, 11, 15	$\frac{1}{34927200}(x-15)(x-11)(x-2)(x-1)x(x^9-\frac{1565}{24}x^8+\frac{14813}{8}x^7-\frac{240091}{8}x^6+\frac{2444983}{8}x^5-\frac{8101309}{4}x^4+8720650x^3-\frac{70428761}{3}x^2+35728834x-23214408)$	87336, 567684, 2071420, 5148286, 9344478, 12804792, 13457184, 10893402, 6754522, 3156004, 1076940, 253588, 36868, 2496	
2, 12	$\frac{1}{4435200}(x-12)(x-2)(x^9-\frac{457}{9}x^8+\frac{3332}{3}x^7-\frac{40886}{3}x^6+102309x^5-\frac{1436851}{3}x^4+1354326x^3-\frac{18548732}{9}x^2+\frac{3489160}{3}x+739200)$	108, 540, 1605, 3180, 4410, 4368, 3090, 1530, 505, 100, 9	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 12, 14	$\frac{1}{57657600}(x-14)(x-12)(x-2)(x^{10}-50x^9+1071x^8-\frac{114856}{9}x^7+\frac{825559}{9}x^6-\frac{3604210}{9}x^5+\frac{8954281}{9}x^4-\frac{9820204}{9}x^3-\frac{1581488}{9}x^2+\frac{2497240}{3}x+1372800)$	4242, 25452, 83358, 183480, 291852, 346500, 311014, 210936, 106680, 39076, 9810, 1512, 108	
2, 12, 15	$\frac{1}{115315200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	30240, 196560, 707616, 1729728, 3088800, 4169880, 4324320, 3459456, 2122848, 982800, 332640, 77760, 11232, 756	
2, 13	$\frac{1}{47900160}(x-13)(x-2)(x-1)x(x^8-\frac{304}{5}x^7+\frac{8054}{5}x^6-\frac{121552}{5}x^5+229117x^4-\frac{6932776}{5}x^3+\frac{26515596}{5}x^2-\frac{59512608}{5}x+12515904)$	130, 715, 2365, 5280, 8382, 9702, 8250, 5115, 2255, 671, 121, 10	
2, 13, 15	$\frac{1}{670602240}(x-15)(x-13)(x-2)(x-1)x(x^9-60x^8+1562x^7-\frac{115088}{5}x^6+\frac{1048333}{5}x^5-\frac{6022724}{5}x^4+4216012x^3-\frac{39237872}{5}x^2+\frac{19365312}{5}x+\frac{36981504}{5})$	5800, 37700, 134836, 326898, 578578, 773916, 795080, 630058, 382954, 175604, 58868, 13630, 1950, 130	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
2, 14	$\frac{1}{566092800}(x-14)(x-2)(x^{11}-\frac{812}{11}x^{10}+\frac{26571}{11}x^9-\frac{506796}{11}x^8+\frac{6229629}{11}x^7-\frac{51470532}{11}x^6+\frac{288768889}{11}x^5-\frac{1082097604}{11}x^4+\frac{2572755060}{11}x^3-\frac{3427844256}{11}x^2+\frac{1762568640}{11}x+80870400)$	154, 924, 3366, 8360, 14949, 19800, 19668, 14652, 8085, 3212, 870, 144, 11	
2, 15	$\frac{1}{7264857600}(x-15)(x-2)(x-1)x(x^{10}-\frac{515}{6}x^9+\frac{9875}{3}x^8-74293x^7+1093695x^6-\frac{21977401}{2}x^5+76498107x^4-\frac{1097636906}{3}x^3+\frac{3478187452}{3}x^2-2231144192x+2057619648)$	180, 1170, 4654, 12727, 25311, 37752, 42900, 37323, 24739, 12298, 4446, 1105, 169, 12	
3	$\frac{1}{2}(x-3)x$	2, 1	
3, 5	$\frac{1}{12}(x-5)(x-3)x(x+2)$	12, 18, 10, 2	

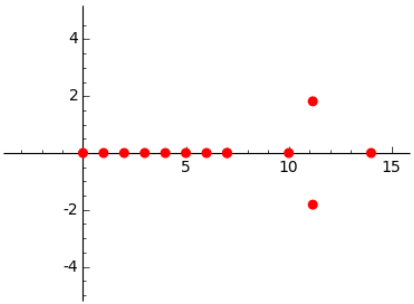
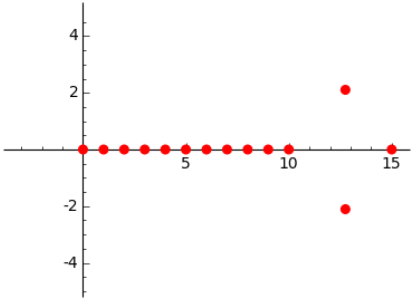
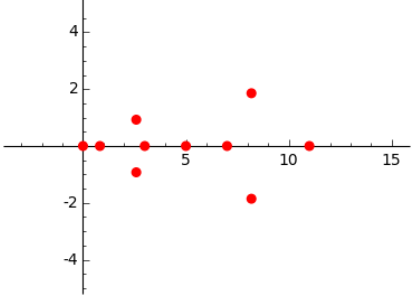
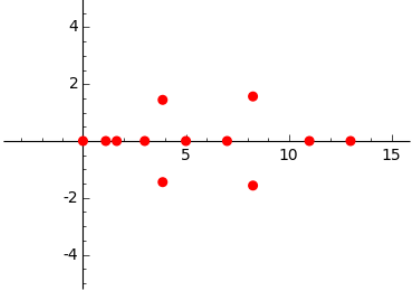
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 7	$\frac{1}{60}(x-7)(x-5)(x-3)x(x^2+4)$	136, 340, 392, 248, 84, 12	
3, 5, 7, 9	$\frac{17}{5040}(x-9)(x-7)(x-5)(x-3)x(x^3-4x^2+\frac{172}{17}x-\frac{16}{17})$	2480, 8680, 15192, 16280, 11208, 4872, 1224, 136	
3, 5, 7, 9, 11	$\frac{31}{45360}(x-11)(x-9)(x-7)(x-5)(x-3)x(x^4-10x^3+\frac{1244}{31}x^2-\frac{1832}{31}x+\frac{1056}{31})$	66336, 298512, 700480, 1058624, 1101408, 803488, 406208, 136128, 27280, 2480	
3, 5, 7, 9, 11, 13	$\frac{691}{4989600}(x-13)(x-11)(x-9)(x-7)(x-5)(x-3)x(x^5-18x^4+\frac{87156}{691}x^3-\frac{277512}{691}x^2+\frac{391808}{691}x-\frac{186240}{691})$	2446528, 13455904, 39591968, 77244576, 107603392, 110328512, 83962944, 47043904, 18907616, 5169248, 862368, 66336	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 7, 9, 11, 13, 15	$\frac{5461}{194594400}(x-15)(x-13)(x-11)(x-9)(x-7)(x-5)(x-3)x(x^6 - 28x^5 + \frac{1704544}{5461}x^4 - \frac{9395056}{5461}x^3 + \frac{26285296}{5461}x^2 - \frac{34235776}{5461}x + \frac{15807744}{5461})$	118984832, 773401408, 2736141696, 6541363840, 11420425920, 15092811072, 15349490944, 12064815872, 7286706624, 3325590080, 1111180160, 256752768, 36697920, 2446528	
3, 5, 7, 9, 11, 14	$\frac{691}{9979200}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	15091440, 90548640, 298810512, 664023360, 1067180400, 1280616480, 1162040880, 796828032, 407468880, 150914400, 38309040, 5970240, 431184	
3, 5, 7, 9, 11, 15	$\frac{1457}{70761600}(x-15)(x-11)(x-9)(x-7)(x-5)(x-3)x(x^7 - \frac{711005}{16027}x^6 + \frac{12611462}{16027}x^5 - \frac{114216164}{16027}x^4 + \frac{561860888}{16027}x^3 - \frac{1469570720}{16027}x^2 + \frac{1841281408}{16027}x - \frac{830808576}{16027})$	61239104, 398054176, 1457046720, 3635161024, 6621649440, 9101608704, 9589861888, 7779277952, 4831999392, 2260979360, 772456640, 182076096, 26494176, 1795024	
3, 5, 7, 9, 12	$\frac{31}{90720}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	354640, 1773200, 4787640, 8511360, 10639200, 9575280, 6206200, 2837120, 870480, 161200, 13640	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 7, 9, 12, 14	$\frac{31}{544320}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	14894880, 89369280, 290095520, 631259200, 992992000, 1167474880, 1039482080, 700510720, 352581600, 128712000, 32244960, 4964960, 354640	
3, 5, 7, 9, 12, 15	$\frac{31}{1088640}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	99299200, 645444800, 2323601280, 5679914240, 10142704000, 13692650400, 14199785600, 11359828480, 6970803840, 3227224000, 1092291200, 255340800, 36882560, 2482480	
3, 5, 7, 9, 13	$\frac{169}{1663200}(x-13)(x-9)(x-7)(x-5)(x-3)x(x^6 - \frac{16408}{507}x^5 + \frac{203438}{507}x^4 - \frac{1206236}{507}x^3 + \frac{3549640}{507}x^2 - \frac{1587632}{169}x + \frac{749760}{169})$	1259216, 6925688, 21164936, 43299552, 63229504, 67718504, 53594008, 31092608, 12888512, 3621576, 619096, 48672	
3, 5, 7, 9, 13, 15	$\frac{11243}{778377600}(x-15)(x-13)(x-9)(x-7)(x-5)(x-3)x(x^7 - 39x^6 + \frac{6924906}{11243}x^5 - \frac{56751420}{11243}x^4 + \frac{257271336}{11243}x^3 - \frac{632083776}{11243}x^2 + \frac{758590720}{11243}x - \frac{333138432}{11243})$	59666624, 387833056, 1376842752, 3306471520, 5797855040, 7691056704, 7845719488, 6181393664, 3739924128, 1709012960, 571510400, 132120336, 18888240, 1259216	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 7, 9, 14	$\frac{191}{8553600}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x^2 - \frac{31487}{1337}x + \frac{191400}{1337}$	3625440, 21752640, 74195264, 171577120, 286514800, 355875520, 332870720, 234392704, 122676960, 46372800, 11985600, 1898000, 139048	
3, 5, 7, 9, 15	$\frac{31}{7862400}(x-15)(x-9)(x-7)(x-5)(x-3)x(x^8 - \frac{176969}{3069}x^7 + \frac{1415468}{1023}x^6 - \frac{18242584}{1023}x^5 + \frac{45379176}{341}x^4 - \frac{591374912}{1023}x^3 + \frac{475923104}{341}x^2 - \frac{5104264768}{3069}x + \frac{67867904}{93})$	9100128, 59150832, 222621120, 573757008, 1077845280, 1523114928, 1644622176, 1363288704, 863165424, 410830320, 142512640, 34054392, 5016872, 343728	
3, 5, 7, 10	$\frac{17}{10080}(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	11220, 44880, 94248, 125664, 112200, 67320, 26180, 5984, 612	
3, 5, 7, 10, 12	$\frac{17}{60480}(x-12)(x-10)(x-7)(x-6)(x-4)(x-3)(x-2)(x-1)x(x-5)^2$	350064, 1750320, 4638348, 8051472, 9821240, 8634912, 5476380, 2453984, 739296, 134640, 11220	

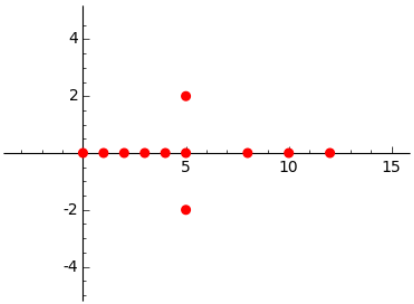
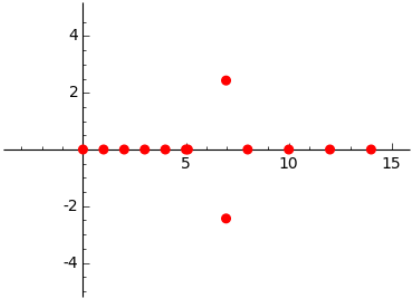
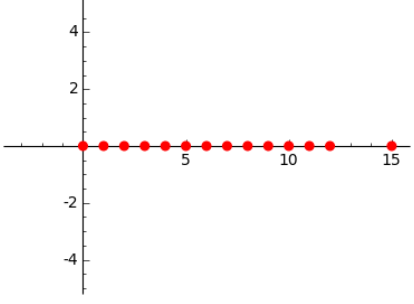
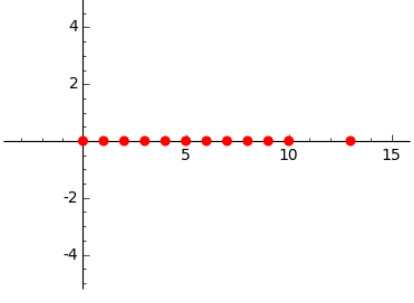
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 7, 10, 12, 14	$\frac{17}{302400}(x-14)(x-12)(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-14x+53)$	14877720, 89266320, 289289000, 628170400, 986107304, 1157336336, 1028994904, 692693696, 348374472, 127109136, 31833384, 4900896, 350064	
3, 5, 7, 10, 12, 15	$\frac{17}{604800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	98017920, 637116480, 2293619328, 5606625024, 10011830400, 13515971040, 14016562560, 11213250048, 6880857984, 3185582400, 1078197120, 252046080, 36406656, 2450448	
3, 5, 7, 10, 13	$\frac{17}{120960}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2042040, 11231220, 33693660, 67387320, 96267600, 101080980, 78618540, 44924880, 18378360, 5105100, 863940, 67320	
3, 5, 7, 10, 13, 15	$\frac{17}{725760}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	98017920, 637116480, 2257912800, 5410239120, 9466314000, 12534041520, 12766834080, 10046836800, 6073341120, 2773584000, 927131040, 214279560, 30630600, 2042040	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 7, 10, 14	$\frac{17}{403200}(x-14)(x-10)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2(x^2 - \frac{67}{3}x + 128)$	7876440, 47258640, 158598440, 359788000, 589956848, 720944432, 664780648, 462300992, 239325864, 89598432, 22960608, 3608352, 262548	
3, 5, 7, 10, 15	$\frac{17}{1814400}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{51}{2}x + 167)$	24504480, 159279120, 591258096, 1499849208, 2775715800, 3869957520, 4129004880, 3386519136, 2123972928, 1002394800, 345082320, 81894780, 11989692, 816816	
3, 5, 7, 11	$\frac{13}{25920}(x-11)(x-7)(x-5)(x-3)x(x^5 - \frac{2035}{91}x^4 + \frac{16412}{91}x^3 - \frac{56564}{91}x^2 + \frac{6528}{7}x - \frac{39744}{91})$	34152, 153684, 376816, 601664, 661056, 507076, 268136, 93504, 19408, 1820	
3, 5, 7, 11, 13	$\frac{1423}{19958400}(x-13)(x-11)(x-7)(x-5)(x-3)x(x^6 - 27x^5 + \frac{404034}{1423}x^4 - \frac{2083668}{1423}x^3 + \frac{5508488}{1423}x^2 - \frac{6846816}{1423}x + \frac{3110400}{1423})$	1227184, 6749512, 19936280, 39091920, 54718144, 56331128, 43004520, 24150400, 9721376, 2660216, 443976, 34152	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 7, 11, 13, 15	$\frac{10957}{778377600}(x-15)(x-13)(x-11)(x-7)(x-5)(x-3)x(x^7-37x^6+\frac{6178324}{10957}x^5-\frac{49596208}{10957}x^4+\frac{222549616}{10957}x^3-\frac{544641712}{10957}x^2+\frac{652978368}{10957}x-\frac{286765056}{10957})$	59529344, 386940736, 1369429632, 3275514880, 5721286080, 7563947904, 7694875648, 6049549184, 3654261984, 1667941520, 557344160, 128786016, 18407760, 1227184	
3, 5, 7, 11, 14	$\frac{1423}{39916800}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	7769580, 46617480, 153837684, 341861520, 549420300, 659304360, 598257660, 410233824, 209778660, 77695800, 19722780, 3073680, 221988	
3, 5, 7, 11, 15	$\frac{3053}{283046400}(x-15)(x-11)(x-7)(x-5)(x-3)x(x^8-\frac{1790144}{33583}x^7+\frac{39758831}{33583}x^6-\frac{475950386}{33583}x^5+\frac{3320288108}{33583}x^4-\frac{13614362936}{33583}x^3+\frac{31395913504}{33583}x^2-\frac{36216301824}{33583}x+\frac{15559824384}{33583})$	32391968, 210547792, 769750560, 1917602368, 3488213760, 4788982728, 5040961696, 4085945024, 2536265136, 1186120040, 405050960, 95438352, 13882872, 940324	
3, 5, 7, 12	$\frac{1}{9072}(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-\frac{391}{20}x+\frac{2001}{20})$	85228, 426140, 1194336, 2220504, 2897180, 2709564, 1816360, 855088, 269172, 50980, 4400	

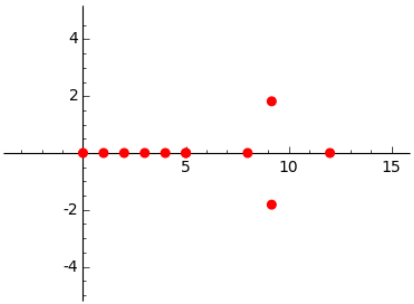
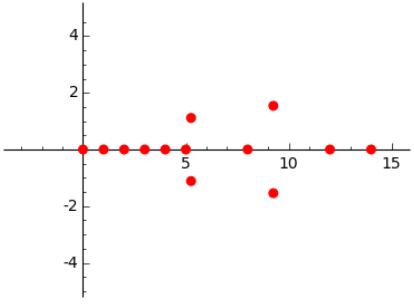
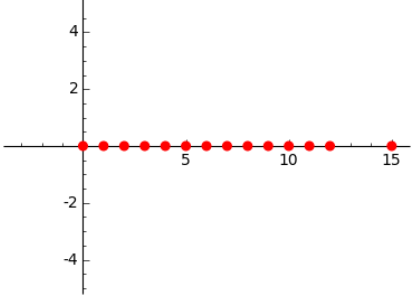
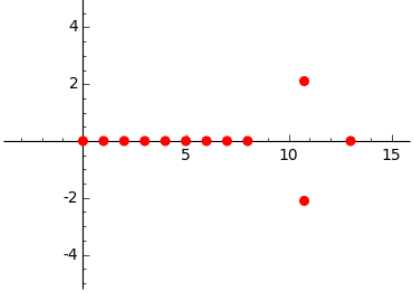
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 7, 12, 14	$\frac{149}{10886400}(x-14)(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-24x^2+\frac{27847}{149}x-\frac{67140}{149})$	3492060, 20952360, 68248180, 149177600, 235674348, 278107752, 248348268, 167737632, 84562164, 30903432, 7746948, 1193192, 85228	
3, 5, 7, 12, 15	$\frac{149}{21772800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	23863840, 155114960, 558413856, 1365011648, 2437520800, 3290653080, 3412529120, 2730023296, 1675241568, 775574800, 262502240, 61364160, 8863712, 596596	
3, 5, 7, 13	$\frac{37}{1900800}(x-13)(x-7)(x-5)(x-3)x(x^7-\frac{33926}{777}x^6+\frac{601135}{777}x^5-\frac{5505958}{777}x^4+\frac{27547964}{777}x^3-\frac{24365272}{259}x^2+\frac{30952608}{259}x-\frac{13939200}{259})$	187208, 1029644, 3245060, 6880440, 10392928, 11474036, 9328540, 5542400, 2346512, 671892, 116812, 9324	
3, 5, 7, 13, 15	$\frac{3343}{1556755200}(x-15)(x-13)(x-7)(x-5)(x-3)x(x^8-48x^7+\frac{3218877}{3343}x^6-\frac{34908828}{3343}x^5+\frac{221509296}{3343}x^4-\frac{831590112}{3343}x^3+\frac{1777175600}{3343}x^2-\frac{1931407296}{3343}x+\frac{799248384}{3343})$	8673728, 56379232, 200741184, 483904960, 851636960, 1133336448, 1159163776, 915161408, 554571408, 253709240, 84908720, 19638192, 2808120, 187208	

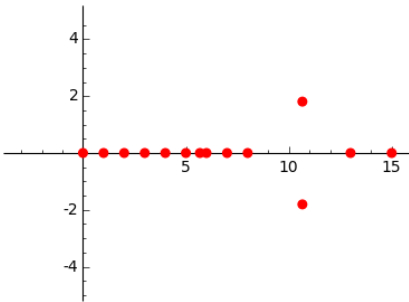
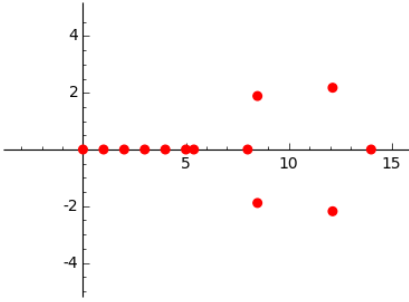
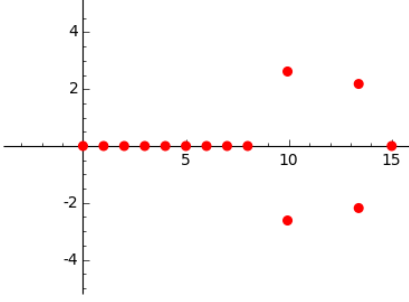
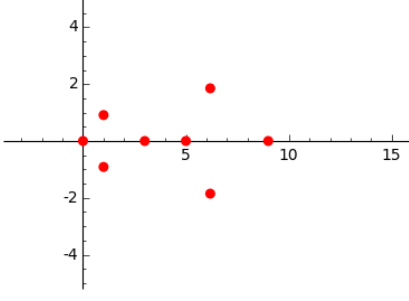
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 7, 14	$\frac{173}{59875200}(x-14)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{14787}{346}x^3 + \frac{119515}{173}x^2 - \frac{1734549}{346}x + \frac{2399760}{173})$	375180, 2251080, 7875868, 18744440, 32162676, 40945944, 39159036, 28131072, 14991588, 5760384, 1511136, 242564, 17992	
3, 5, 7, 15	$\frac{1}{2695680}(x-15)(x-7)(x-5)(x-3)x(x^9 - \frac{79451}{1155}x^8 + \frac{782063}{385}x^7 - \frac{12913639}{385}x^6 + \frac{130117032}{385}x^5 - \frac{818713592}{385}x^4 + \frac{3159336512}{385}x^3 - \frac{21103131088}{1155}x^2 + \frac{7964579008}{385}x - \frac{43849728}{5})$	700896, 4555824, 17512992, 46207392, 88752720, 128002896, 140817792, 118739040, 76365048, 36872580, 12961000, 3135144, 467108, 32340	
3, 5, 8	$\frac{1}{120}(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x$	504, 1512, 2268, 2016, 1080, 324, 42	
3, 5, 8, 10	$\frac{1}{720}(x-10)(x-8)(x-5)(x-4)(x-2)(x-1)x(x-3)^2$	11088, 44352, 91080, 118008, 102300, 59664, 22596, 5040, 504	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 8, 10, 12	$\frac{1}{3600}(x-12)(x-10)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-10x+29)$	350064, 1750320, 4629768, 8017152, 9756864, 8561904, 5422200, 2427264, 730800, 133056, 11088	
3, 5, 8, 10, 12, 14	$\frac{17}{302400}(x-14)(x-12)(x-10)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-19x^2+\frac{2127}{17}x-\frac{4701}{17})$	14894880, 89369280, 289572192, 628642560, 986636448, 1157752512, 1029227136, 692784288, 348398064, 127112832, 31833648, 4900896, 350064	
3, 5, 8, 10, 12, 15	$\frac{17}{604800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	98017920, 637116480, 2293619328, 5606625024, 10011830400, 13515971040, 14016562560, 11213250048, 6880857984, 3185582400, 1078197120, 252046080, 36406656, 2450448	
3, 5, 8, 10, 13	$\frac{1}{7200}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2018016, 11099088, 33297264, 66594528, 95135040, 99891792, 77693616, 44396352, 18162144, 5045040, 853776, 66528	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 8, 10, 13, 15	$\frac{1}{43200}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	96864768, 629620992, 2231349120, 5346589248, 9354945600, 12386582208, 12616636032, 9928638720, 6001890048, 2740953600, 916223616, 211758624, 30270240, 2018016	
3, 5, 8, 10, 14	$\frac{1}{24192}(x-14)(x-10)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{859}{25}x^3 + \frac{10839}{25}x^2 - \frac{59109}{25}x + \frac{118224}{25})$	7687680, 46126080, 154889280, 351624000, 576950976, 705446784, 650790672, 452742192, 234449208, 87794784, 22503096, 3537072, 257400	
3, 5, 8, 10, 15	$\frac{11}{1209600}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{281}{11}x + \frac{1844}{11})$	23639616, 153657504, 570810240, 1449223776, 2684167200, 3744922896, 3997977984, 3280717440, 2058509376, 971863200, 334680192, 79448688, 11634480, 792792	
3, 5, 8, 11	$\frac{1}{1440}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	55440, 249480, 598752, 931392, 997920, 748440, 388080, 133056, 27216, 2520	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 8, 11, 13	$\frac{1}{8640}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	2018016, 11099088, 32720688, 63999936, 89369280, 91819728, 69988464, 39259584, 15791328, 4319280, 720720, 55440	
3, 5, 8, 11, 13, 15	$\frac{1}{43200}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-16x+68)$	98017920, 637116480, 2254412160, 5390985600, 9414175680, 12443820480, 12657335040, 9949847040, 6009800832, 2742959520, 916534080, 211780800, 30270240, 2018016	
3, 5, 8, 11, 14	$\frac{1}{17280}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	12612600, 75675600, 249729480, 554954400, 891891000, 1070269200, 971170200, 665945280, 340540200, 126126000, 32016600, 4989600, 360360	
3, 5, 8, 11, 15	$\frac{1}{57600}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2-\frac{73}{3}x+\frac{454}{3})$	51891840, 337296960, 1233872640, 3076032960, 5599208160, 7691589360, 8100146880, 6568128000, 4078335744, 1907796240, 651641760, 153568800, 22342320, 1513512	

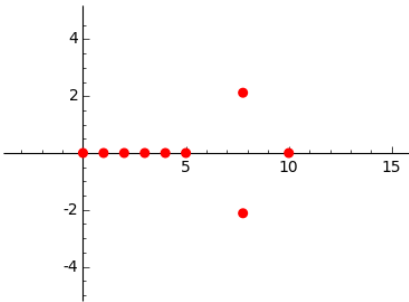
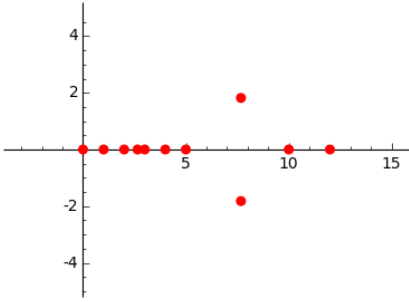
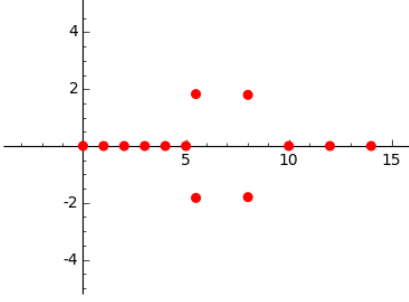
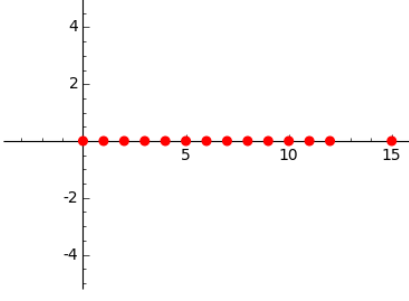
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 8, 12	$\frac{1}{4800}(x-12)(x-8)(x-4)(x-3)(x-2)(x-1)x(x-5)^2(x^2 - \frac{55}{3}x + \frac{262}{3})$	185328, 926640, 2549976, 4640064, 5932368, 5448768, 3595200, 1669248, 519120, 97272, 8316	
3, 5, 8, 12, 14	$\frac{1}{33600}(x-14)(x-12)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - 29x^3 + 311x^2 - \frac{4369}{3}x + \frac{7600}{3})$	7687680, 46126080, 149988384, 327119520, 515689776, 607428864, 541634352, 365417136, 184069368, 67231584, 16848216, 2594592, 185328	
3, 5, 8, 12, 15	$\frac{1}{67200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	51891840, 337296960, 1214269056, 2968213248, 5300380800, 7155514080, 7420533120, 5936426496, 3642807168, 1686484800, 570810240, 133436160, 19274112, 1297296	
3, 5, 8, 13	$\frac{1}{21600}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{43}{2}x + 120)$	504504, 2774772, 8612604, 17945928, 26666640, 29008980, 23275980, 13667472, 5725944, 1624140, 279972, 22176	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 8, 13, 15	$\frac{1}{172800}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-27x^2+238x-664)$	23639616, 153657504, 546305760, 1314449136, 2309121360, 3068026416, 3133809504, 2471555520, 1496517120, 684235440, 228900672, 52928568, 7567560, 504504	
3, 5, 8, 14	$\frac{1}{120960}(x-14)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-\frac{233}{5}x^4+\frac{4303}{5}x^3-\frac{39223}{5}x^2+\frac{175908}{5}x-61704)$	1201200, 7207200, 24897600, 58422000, 98911512, 124393248, 117650904, 83669544, 44181396, 16834608, 4382532, 698544, 51480	
3, 5, 8, 15	$\frac{1}{806400}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-\frac{140}{3}x^3+\frac{2467}{3}x^2-\frac{19474}{3}x+\frac{58376}{3})$	2594592, 16864848, 64144080, 167279112, 317767320, 453629592, 494354448, 413229600, 263632320, 126350280, 44108064, 10601316, 1570140, 108108	
3, 5, 9	$\frac{5}{2016}(x-9)(x-5)(x-3)x(x^4-\frac{359}{25}x^3+\frac{1704}{25}x^2-\frac{2644}{25}x+\frac{1904}{25})$	1280, 4480, 8280, 9500, 6996, 3234, 858, 100	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 9, 11	$\frac{1}{2835}(x-11)(x-9)(x-5)(x-3)x(x^5-17x^4+\frac{1695}{16}x^3-\frac{1171}{4}x^2+\frac{1541}{4}x-147)$	33360, 150120, 353848, 537908, 562716, 412300, 209084, 70200, 14080, 1280	
3, 5, 9, 11, 13	$\frac{139}{1995840}(x-13)(x-11)(x-9)(x-5)(x-3)x(x^6-25x^5+\frac{35010}{139}x^4-\frac{178404}{139}x^3+\frac{473384}{139}x^2-\frac{593984}{139}x+\frac{271488}{139})$	1227184, 6749512, 19867640, 38783040, 54052960, 55444424, 42207192, 23653120, 9507680, 2599520, 433680, 33360	
3, 5, 9, 11, 13, 15	$\frac{10957}{778377600}(x-15)(x-13)(x-11)(x-9)(x-5)(x-3)x(x^7-35x^6+\frac{5567306}{10957}x^5-\frac{42787628}{10957}x^4+\frac{184691048}{10957}x^3-\frac{437623520}{10957}x^2+\frac{512258944}{10957}x-\frac{221501952}{10957})$	59666624, 387833056, 1372132800, 3280566784, 5727757920, 7569905184, 7698886816, 6051519920, 3654952752, 1668105680, 557367920, 128787600, 18407760, 1227184	
3, 5, 9, 11, 14	$\frac{139}{3991680}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	7589400, 45536400, 150270120, 333933600, 536679000, 644014800, 584383800, 400720320, 204913800, 75894000, 19265400, 3002400, 216840	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 9, 11, 15	$\frac{367}{35380800}(x-15)(x-11)(x-9)(x-5)(x-3)x(x^8 - \frac{414657}{8074}x^7 + \frac{8858887}{8074}x^6 - \frac{50992916}{4037}x^5 + \frac{31163632}{367}x^4 - \frac{123668824}{367}x^3 + \frac{3054473064}{4037}x^2 - \frac{3455320064}{4037}x + \frac{1465865856}{4037})$	30881888, 200732272, 734669280, 1832626048, 3337745040, 4587239808, 4832830192, 3920058920, 2434730664, 1139191160, 389183240, 91731000, 13347480, 904288	
3, 5, 9, 12	$\frac{1}{5670}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	183040, 915200, 2471040, 4392960, 5491200, 4942080, 3203200, 1464320, 449280, 83200, 7040	
3, 5, 9, 12, 14	$\frac{1}{34020}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	7687680, 46126080, 149726720, 325811200, 512512000, 602567680, 536506880, 361553920, 181977600, 66432000, 16642560, 2562560, 183040	
3, 5, 9, 12, 15	$\frac{1}{68040}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	51251200, 333132800, 1199278080, 2931568640, 5234944000, 7067174400, 7328921600, 5863137280, 3597834240, 1665664000, 563763200, 131788800, 19036160, 1281280	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 9, 13	$\frac{71}{1330560}(x-13)(x-9)(x-5)(x-3)x(x^7 - \frac{8372}{213}x^6 + \frac{44463}{71}x^5 - \frac{1101446}{213}x^4 + \frac{1671300}{71}x^3 - \frac{12331016}{213}x^2 + \frac{4936768}{71}x - \frac{2158464}{71})$	667688, 3672284, 11207300, 22890720, 33376720, 35701148, 28225684, 16361600, 6777680, 1903440, 325240, 25560	
3, 5, 9, 13, 15	$\frac{11923}{1556755200}(x-15)(x-13)(x-9)(x-5)(x-3)x(x^8 - 46x^7 + \frac{10600329}{11923}x^6 - \frac{111638886}{11923}x^5 + \frac{694656564}{11923}x^4 - \frac{2583228072}{11923}x^3 + \frac{5507653856}{11923}x^2 - \frac{5998784384}{11923}x + \frac{2483593728}{11923})$	31668128, 205842832, 730663200, 1754376448, 3075769040, 4079544048, 4161119152, 3278137640, 1983247464, 906235160, 303045320, 70056120, 10015320, 667688	
3, 5, 9, 14	$\frac{41}{3421440}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{6731}{287}x + \frac{40722}{287})$	1971060, 11826360, 40271660, 92950000, 154940500, 192151960, 179493860, 126249760, 66013500, 24933000, 6439620, 1019120, 74620	
3, 5, 9, 15	$\frac{17}{7862400}(x-15)(x-9)(x-5)(x-3)x(x^9 - \frac{217249}{3366}x^8 + \frac{2996783}{1683}x^7 - \frac{10234979}{374}x^6 + \frac{13059044}{51}x^5 - \frac{76328488}{51}x^4 + \frac{3022787264}{561}x^3 - \frac{19024356232}{1683}x^2 + \frac{20570055040}{1683}x - \frac{256850048}{51})$	5059536, 32886984, 123578640, 317925696, 596247480, 841306176, 907225224, 751159020, 475106988, 225924420, 78306940, 18698340, 2752820, 188496	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 10	$\frac{11}{20160}(x-10)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{171}{11}x + \frac{714}{11})$	2706, 10824, 23760, 33396, 31350, 19668, 7952, 1880, 198	
3, 5, 10, 12	$\frac{41}{604800}(x-12)(x-10)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 18x^2 + \frac{4219}{41}x - \frac{6762}{41})$	82368, 411840, 1095666, 1911624, 2343068, 2068248, 1315650, 590768, 178200, 32472, 2706	
3, 5, 10, 12, 14	$\frac{1}{75600}(x-14)(x-12)(x-10)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - 27x^3 + \frac{1107}{4}x^2 - 1276x + \frac{9021}{4})$	3492060, 20952360, 67926404, 147568720, 231760676, 272106344, 242000332, 162941456, 81958668, 29906184, 7490076, 1153152, 82368	
3, 5, 10, 12, 15	$\frac{1}{151200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	23063040, 149909760, 539675136, 1319205888, 2355724800, 3180228480, 3298014720, 2638411776, 1619025408, 749548800, 253693440, 59304960, 8566272, 576576	

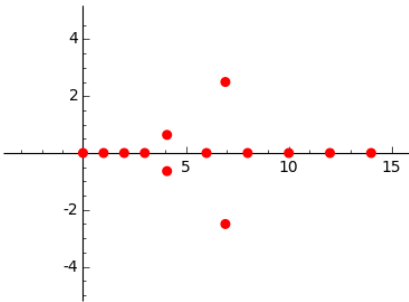
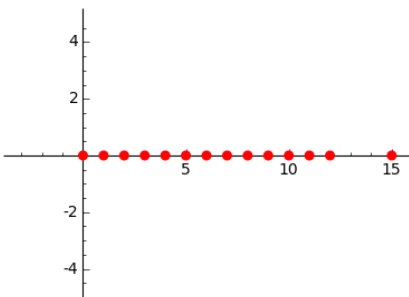
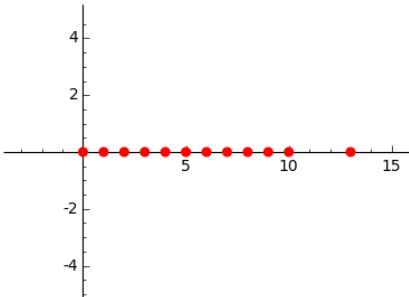
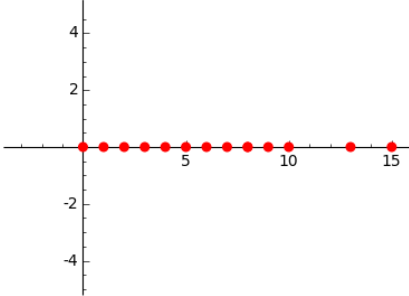
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 10, 13	$\frac{41}{1209600}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	492492, 2708706, 8126118, 16252236, 23217480, 24378354, 18960942, 10834824, 4432428, 1231230, 208362, 16236	
3, 5, 10, 13, 15	$\frac{41}{7257600}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	23639616, 153657504, 544555440, 1304822376, 2283052200, 3022915896, 3079059984, 2423060640, 1464746976, 668923200, 223602192, 51679188, 7387380, 492492	
3, 5, 10, 14	$\frac{1}{96768}(x-14)(x-10)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5 - \frac{1057}{25}x^4 + \frac{17653}{25}x^3 - \frac{145183}{25}x^2 + \frac{587058}{25}x - \frac{930816}{25})$	1947660, 11685960, 39171860, 88738000, 145316312, 177382808, 163413964, 113556104, 58750296, 21983808, 5631252, 884664, 64350	
3, 5, 10, 15	$\frac{17}{7257600}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{432}{17}x + \frac{2818}{17})$	6198192, 40288248, 149343480, 378218412, 698883900, 973095552, 1037044008, 849728880, 532490112, 251123400, 86396904, 20492406, 2998710, 204204	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 11	$\frac{1}{10368}(x-11)(x-5)(x-3)x(x^6 - \frac{1108}{35}x^5 + \frac{13821}{35}x^4 - \frac{84584}{35}x^3 + \frac{258556}{35}x^2 - \frac{350016}{35}x + 5184)$	5100, 22950, 58300, 96950, 110682, 87880, 47918, 17172, 3652, 350	
3, 5, 11, 13	$\frac{17}{1596672}(x-13)(x-11)(x-5)(x-3)x(x^7 - 34x^6 + \frac{7971}{17}x^5 - \frac{284238}{85}x^4 + \frac{1114172}{85}x^3 - \frac{2363048}{85}x^2 + \frac{2530272}{85}x - \frac{193536}{17})$	179200, 985600, 2920736, 5751312, 8082880, 8349824, 6391872, 3596848, 1449896, 397100, 66300, 5100	
3, 5, 11, 13, 15	$\frac{1}{486486}(x-15)(x-13)(x-11)(x-5)(x-3)x(x^8 - 44x^7 + \frac{52649}{64}x^6 - \frac{542027}{64}x^5 + \frac{1663843}{32}x^4 - \frac{15378247}{80}x^3 + \frac{16386439}{40}x^2 - \frac{4468329}{10}x + \frac{928368}{5})$	8673728, 56379232, 199595520, 477603808, 834547200, 1103691168, 1123081072, 883108520, 533516808, 243538400, 81383000, 18805800, 2688000, 179200	
3, 5, 11, 14	$\frac{17}{3193344}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1160250, 6961500, 22972950, 51051000, 82046250, 98455500, 89339250, 61261200, 31326750, 11602500, 2945250, 459000, 33150	

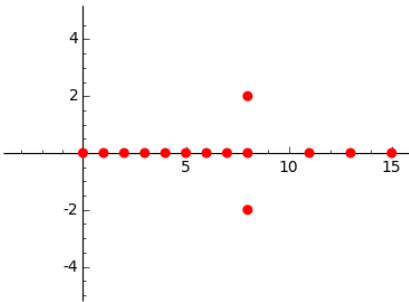
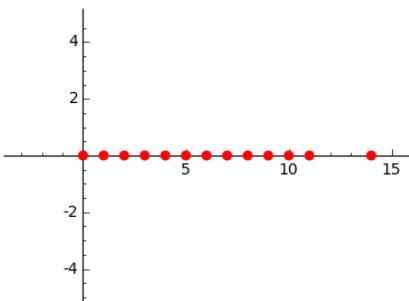
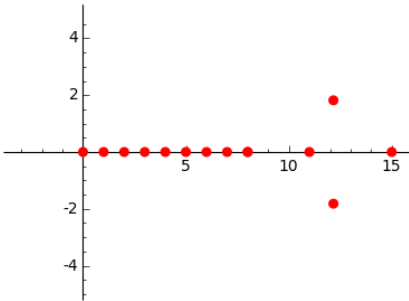
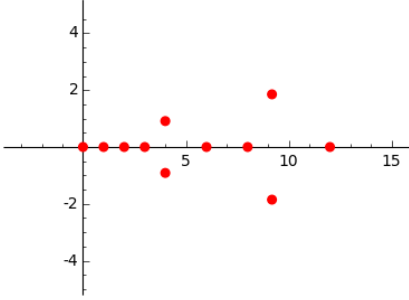
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 11, 15	$\frac{37}{22643712}(x-15)(x-11)(x-5)(x-3)x(x^9 - \frac{24525}{407}x^8 + \frac{632831}{407}x^7 - \frac{9123887}{407}x^6 + \frac{80422922}{407}x^5 - \frac{202388948}{185}x^4 + \frac{7643669256}{2035}x^3 - \frac{416693152}{55}x^2 + \frac{16183581696}{2035}x - \frac{6533968896}{2035})$	4945136, 32143384, 117401040, 292128496, 530816400, 728075916, 765785464, 620306540, 384837996, 179895800, 61410500, 14465100, 2103600, 142450	
3, 5, 12	$\frac{13}{907200}(x-12)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{903}{26}x^3 + \frac{5957}{13}x^2 - \frac{70947}{26}x + \frac{81585}{13})$	8866, 44330, 127842, 245388, 329966, 317226, 218050, 105016, 33750, 6514, 572	
3, 5, 12, 14	$\frac{31}{21772800}(x-14)(x-12)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5 - 37x^4 + \frac{16643}{31}x^3 - \frac{116861}{31}x^2 + \frac{388254}{31}x - \frac{456840}{31})$	356070, 2136420, 6977698, 15304640, 24259662, 28711428, 25700934, 17391672, 8780166, 3211908, 805662, 124124, 8866	
3, 5, 12, 15	$\frac{31}{43545600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2482480, 16136120, 58090032, 141997856, 253567600, 342316260, 354994640, 283995712, 174270096, 80680600, 27307280, 6383520, 922064, 62062	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 5, 13	$\frac{7}{3801600}(x-13)(x-5)(x-3)x(x^8 - \frac{7759}{147}x^7 + \frac{57721}{49}x^6 - \frac{2114221}{147}x^5 + \frac{5083966}{49}x^4 - \frac{65322436}{147}x^3 + \frac{52563384}{49}x^2 - \frac{62500128}{49}x + \frac{4055040}{7})$	14504, 79772, 257348, 559776, 866320, 978236, 812068, 491864, 211988, 61710, 10894, 882	
3, 5, 13, 15	$\frac{37}{222393600}(x-15)(x-13)(x-5)(x-3)x(x^9 - 55x^8 + \frac{47910}{37}x^7 - \frac{4401105}{259}x^6 + \frac{35145267}{259}x^5 - \frac{175029150}{259}x^4 + \frac{536178380}{259}x^3 - \frac{25958360}{7}x^2 + \frac{24526752}{7}x - \frac{47139840}{37})$	660128, 4290832, 15311520, 37014208, 65322800, 87144768, 89317672, 70637420, 42862908, 19629200, 6574004, 1521156, 217560, 14504	
3, 5, 14	$\frac{1}{4790016}(x-14)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^6 - \frac{2891}{50}x^5 + \frac{69799}{50}x^4 - \frac{901519}{50}x^3 + \frac{6584319}{50}x^2 - \frac{12942999}{25}x + \frac{4319568}{5})$	22620, 135720, 484120, 1176500, 2059344, 2671296, 2599968, 1898748, 1027602, 400596, 106524, 17318, 1300	
3, 5, 15	$\frac{1}{47174400}(x-15)(x-5)(x-3)x(x^{10} - \frac{2569}{33}x^9 + \frac{175595}{66}x^8 - \frac{1151295}{22}x^7 + \frac{14351731}{22}x^6 - \frac{10687813}{2}x^5 + \frac{317020295}{11}x^4 - \frac{3281677970}{33}x^3 + \frac{6770250308}{33}x^2 - \frac{2423964368}{11}x + 92252160)$	33936, 220584, 861840, 2313696, 4518600, 6620616, 7393164, 6322890, 4121346, 2015400, 716998, 175422, 26420, 1848	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6	$\frac{1}{24}(x-6)(x-3)(x-2)(x-1)x$	35, 70, 63, 28, 5	
3, 6, 8	$\frac{1}{144}(x-8)(x-6)(x-3)(x-2)x(x-1)^2$	504, 1512, 2202, 1884, 970, 280, 35	
3, 6, 8, 10	$\frac{1}{720}(x-10)(x-8)(x-6)(x-3)(x-2)(x-1)x(x^2-6x+13)$	11220, 44880, 91960, 118800, 102710, 59780, 22610, 5040, 504	
3, 6, 8, 10, 12	$\frac{17}{60480}(x-12)(x-10)(x-8)(x-6)(x-3)(x-2)(x-1)x(x^3-13x^2+\frac{1039}{17}x-\frac{1603}{17})$	354640, 1773200, 4689360, 8118240, 9877520, 8666160, 5487512, 2456304, 739512, 134640, 11220	

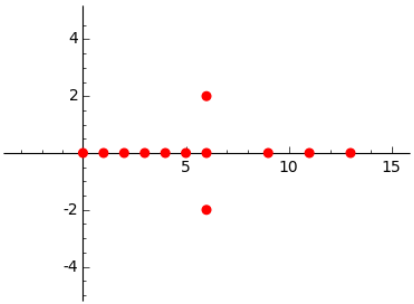
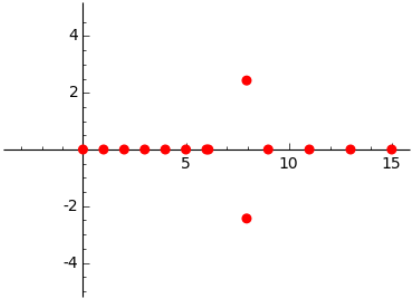
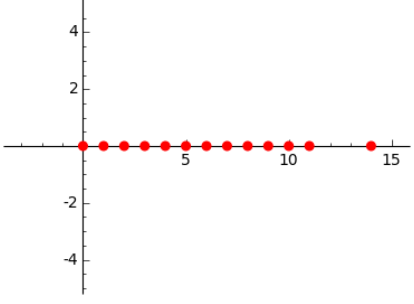
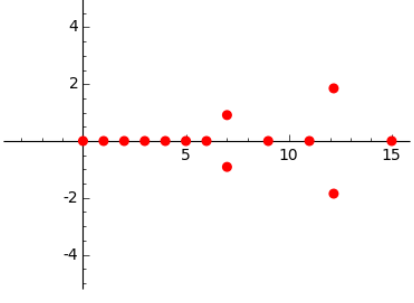
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 8, 10, 12, 14	$\frac{31}{544320}(x-14)(x-12)(x-10)(x-8)(x-6)(x-3)(x-2)(x-1)x(x^4-22x^3+\frac{5708}{31}x^2-\frac{21014}{31}x+\frac{28629}{31})$	15091440, 90548640, 293387920, 636910400, 999589216, 1172929504, 1042704656, 701849344, 352954616, 128774800, 32249800, 4964960, 354640	
3, 6, 8, 10, 12, 15	$\frac{31}{1088640}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	99299200, 645444800, 2323601280, 5679914240, 10142704000, 13692650400, 14199785600, 11359828480, 6970803840, 3227224000, 1092291200, 255340800, 36882560, 2482480	
3, 6, 8, 10, 13	$\frac{17}{120960}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2042040, 11231220, 33693660, 67387320, 96267600, 101080980, 78618540, 44924880, 18378360, 5105100, 863940, 67320	
3, 6, 8, 10, 13, 15	$\frac{17}{725760}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	98017920, 637116480, 2257912800, 5410239120, 9466314000, 12534041520, 12766834080, 10046836800, 6073341120, 2773584000, 927131040, 214279560, 30630600, 2042040	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 8, 10, 14	$\frac{13}{311040}(x-14)(x-10)(x-8)(x-6)(x-3)(x-2)(x-1)x(x^5 - \frac{3400}{91}x^4 + \frac{49022}{91}x^3 - \frac{338732}{91}x^2 + \frac{1124007}{91}x - \frac{110268}{7})$	7769580, 46617480, 156548980, 355418000, 583215892, 713147848, 657925772, 457723168, 237035792, 88765600, 22752400, 3576320, 260260	
3, 6, 8, 10, 15	$\frac{1}{108864}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{511}{20}x + \frac{1677}{10})$	23863840, 155114960, 576267120, 1463204600, 2710279000, 3781617840, 4037393360, 3313229920, 2079000000, 981574000, 338035280, 80247420, 11751740, 800800	
3, 6, 8, 11	$\frac{1}{1440}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	55440, 249480, 598752, 931392, 997920, 748440, 388080, 133056, 27216, 2520	
3, 6, 8, 11, 13	$\frac{1}{8640}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	2018016, 11099088, 32720688, 63999936, 89369280, 91819728, 69988464, 39259584, 15791328, 4319280, 720720, 55440	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 8, 11, 13, 15	$\frac{1}{43200}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-16x+68)$	98017920, 637116480, 2254412160, 5390985600, 9414175680, 12443820480, 12657335040, 9949847040, 6009800832, 2742959520, 916534080, 211780800, 30270240, 2018016	
3, 6, 8, 11, 14	$\frac{1}{17280}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	12612600, 75675600, 249729480, 554954400, 891891000, 1070269200, 971170200, 665945280, 340540200, 126126000, 32016600, 4989600, 360360	
3, 6, 8, 11, 15	$\frac{1}{57600}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2-\frac{73}{3}x+\frac{454}{3})$	51891840, 337296960, 1233872640, 3076032960, 5599208160, 7691589360, 8100146880, 6568128000, 4078335744, 1907796240, 651641760, 153568800, 22342320, 1513512	
3, 6, 8, 12	$\frac{5}{24192}(x-12)(x-8)(x-6)(x-3)(x-2)(x-1)x(x^4-\frac{659}{25}x^3+\frac{1257}{5}x^2-\frac{25261}{25}x+\frac{7378}{5})$	183040, 915200, 2520180, 4589520, 5872040, 5396640, 3562544, 1654728, 514764, 96480, 8250	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 8, 12, 14	$\frac{1}{34020}(x-14)(x-12)(x-8)(x-6)(x-3)(x-2)(x-1)x(x^5-32x^4+\frac{6399}{16}x^3-\frac{38947}{16}x^2+\frac{115889}{16}x-\frac{134685}{16})$	7589400, 45536400, 148080520, 322985600, 509213392, 599840368, 534895592, 360884608, 181791092, 66400600, 16640140, 2562560, 183040	
3, 6, 8, 12, 15	$\frac{1}{68040}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	51251200, 333132800, 1199278080, 2931568640, 5234944000, 7067174400, 7328921600, 5863137280, 3597834240, 1665664000, 563763200, 131788800, 19036160, 1281280	
3, 6, 8, 13	$\frac{11}{241920}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-\frac{237}{11}x+\frac{1326}{11})$	492492, 2708706, 8414406, 17549532, 26100360, 28414386, 22813518, 13403208, 5617836, 1594110, 274890, 21780	
3, 6, 8, 13, 15	$\frac{41}{7257600}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-27x^2+\frac{9754}{41}x-\frac{27168}{41})$	23063040, 149909760, 533023920, 1282624200, 2253437160, 2994296760, 3058710480, 2412456480, 1460791584, 667920240, 223446960, 51668100, 7387380, 492492	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 8, 14	$\frac{1}{124416}(x-14)(x-8)(x-6)(x-3)(x-2)(x-1)x(x^6 - \frac{1738}{35}x^5 + \frac{35166}{35}x^4 - \frac{369056}{35}x^3 + \frac{2107831}{35}x^2 - \frac{6177558}{35}x + \frac{1451304}{7})$	1160250, 6961500, 24067750, 56525000, 95779054, 120542716, 114083354, 81179056, 42888104, 16349200, 4257880, 678920, 50050	
3, 6, 8, 15	$\frac{13}{10886400}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{1215}{26}x^3 + \frac{21445}{26}x^2 - \frac{84810}{13}x + \frac{254862}{13})$	2482480, 16136120, 61415640, 160288700, 304711420, 435282120, 474646760, 396973360, 253387008, 121494880, 42430520, 10201950, 1511510, 104104	
3, 6, 9	$\frac{1}{288}(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2100, 7350, 13230, 14700, 10500, 4725, 1225, 140	
3, 6, 9, 11	$\frac{1}{1728}(x-11)(x-9)(x-6)(x-5)(x-3)(x-2)(x-1)x(x-4)^2$	55440, 249480, 586740, 889350, 927850, 678370, 343490, 115220, 23100, 2100	

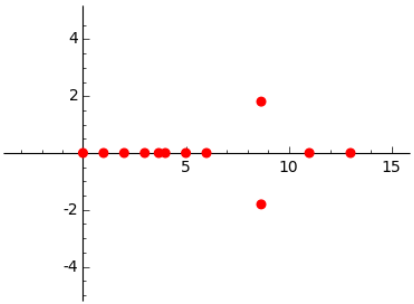
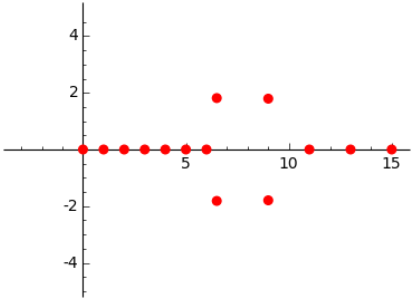
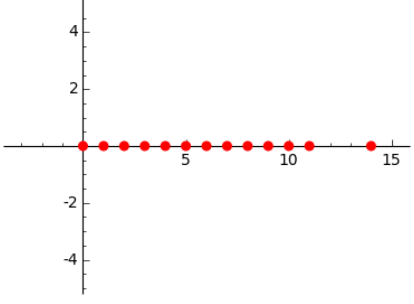
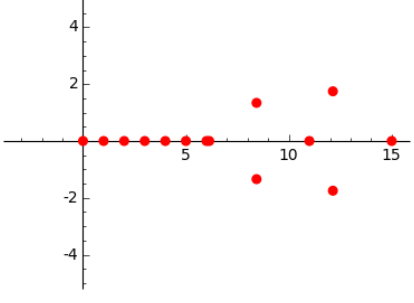
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 9, 11, 13	$\frac{1}{8640}(x-13)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-12x+40)$	2042040, 11231220, 33053020, 64504440, 89878880, 92173900, 70157220, 39312560, 15801240, 4320120, 720720, 55440	
3, 6, 9, 11, 13, 15	$\frac{17}{725760}(x-15)(x-13)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-22x^2+\frac{2824}{17}x-\frac{7168}{17})$	99299200, 645444800, 2283503040, 5459373920, 9531642400, 12596925600, 12811360240, 10069939880, 6081921720, 2775750600, 927465000, 214303320, 30630600, 2042040	
3, 6, 9, 11, 14	$\frac{1}{17280}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	12612600, 75675600, 249729480, 554954400, 891891000, 1070269200, 971170200, 665945280, 340540200, 126126000, 32016600, 4989600, 360360	
3, 6, 9, 11, 15	$\frac{5}{290304}(x-15)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-\frac{959}{25}x^3+\frac{13566}{25}x^2-\frac{83464}{25}x+\frac{189056}{25})$	51251200, 333132800, 1219327200, 3041838800, 5540474800, 7615036800, 8023134280, 6508081580, 4042275300, 1891400700, 646176300, 152307540, 22162140, 1501500	

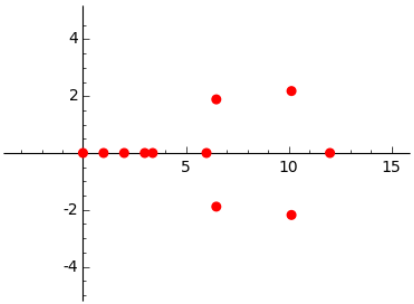
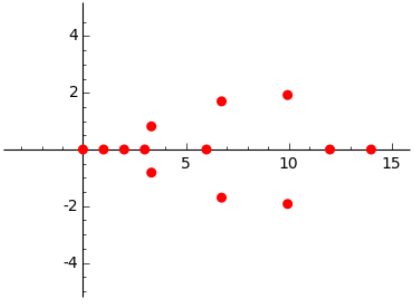
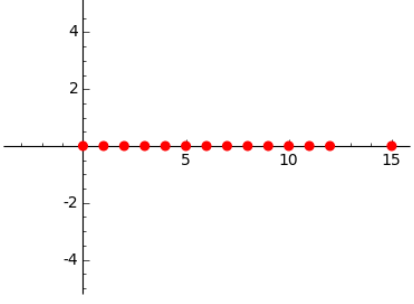
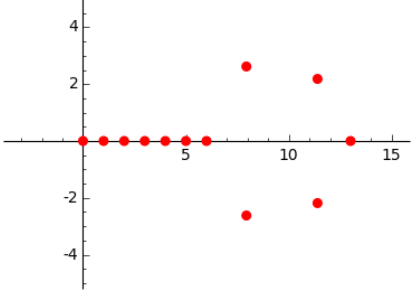
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 9, 12	$\frac{1}{3456}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	300300, 1501500, 4054050, 7207200, 9009000, 8108100, 5255250, 2402400, 737100, 136500, 11550	
3, 6, 9, 12, 14	$\frac{1}{20736}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	12612600, 75675600, 245645400, 534534000, 840840000, 988587600, 880206600, 593174400, 298557000, 108990000, 27304200, 4204200, 300300	
3, 6, 9, 12, 15	$\frac{1}{41472}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	84084000, 546546000, 1967565600, 4809604800, 8588580000, 11594583000, 12024012000, 9619209600, 5902696800, 2732730000, 924924000, 216216000, 31231200, 2102100	
3, 6, 9, 13	$\frac{1}{11520}(x-13)(x-9)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2(x^2 - \frac{61}{3}x + \frac{320}{3})$	1081080, 5945940, 18158140, 37117080, 54159560, 57967000, 45852240, 26589920, 11018280, 3095190, 528990, 41580	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 9, 13, 15	$\frac{1}{80640}(x-15)(x-13)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-33x^3+404x^2-\frac{6508}{3}x+\frac{12992}{3})$	51251200, 333132800, 1182570480, 2839676840, 4978913800, 6604227000, 6736649080, 5307362060, 3211007940, 1467284700, 490667100, 113430240, 16216200, 1081080	
3, 6, 9, 14	$\frac{1}{51840}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-\frac{47}{2}x+\frac{285}{2})$	3153150, 18918900, 64474410, 148948800, 248498250, 308408100, 288274350, 202871760, 106126650, 40099500, 10360350, 1640100, 120120	
3, 6, 9, 15	$\frac{1}{290304}(x-15)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-\frac{258}{5}x^4+1057x^3-10716x^2+53644x-\frac{528192}{5})$	8008000, 52052000, 195741000, 504003500, 945975100, 1335719700, 1441280260, 1194002810, 755574750, 359449650, 124636050, 29771280, 4384380, 300300	
3, 6, 10	$\frac{1}{960}(x-10)(x-6)(x-2)(x-1)x(x-3)^2(x^2-\frac{43}{3}x+\frac{164}{3})$	5940, 23760, 51040, 69960, 64145, 39410, 15645, 3640, 378	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 10, 12	$\frac{1}{6720}(x-12)(x-10)(x-6)(x-3)(x-2)(x-1)x(x^4-21x^3+161x^2-\frac{1585}{3}x+\frac{1946}{3})$	183040, 915200, 2430090, 4229160, 5171340, 4555800, 2893694, 1298008, 391284, 71280, 5940	
3, 6, 10, 12, 14	$\frac{1}{34020}(x-14)(x-12)(x-10)(x-6)(x-3)(x-2)(x-1)x(x^5-30x^4+\frac{2879}{8}x^3-\frac{17193}{8}x^2+\frac{50969}{8}x-\frac{59607}{8})$	7769580, 46617480, 151103540, 328190800, 515315852, 604910888, 537907132, 362142368, 182143472, 66460240, 16644760, 2562560, 183040	
3, 6, 10, 12, 15	$\frac{1}{68040}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	51251200, 333132800, 1199278080, 2931568640, 5234944000, 7067174400, 7328921600, 5863137280, 3597834240, 1665664000, 563763200, 131788800, 19036160, 1281280	
3, 6, 10, 13	$\frac{1}{13440}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1081080, 5945940, 17837820, 35675640, 50965200, 53513460, 41621580, 23783760, 9729720, 2702700, 457380, 35640	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 10, 13, 15	$\frac{1}{80640}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	51891840, 337296960, 1195365600, 2864244240, 5011578000, 6635669040, 6758912160, 5318913600, 3215298240, 1468368000, 490834080, 113442120, 16216200, 1081080	
3, 6, 10, 14	$\frac{7}{311040}(x-14)(x-10)(x-6)(x-3)(x-2)(x-1)x(x^6 - \frac{2220}{49}x^5 + \frac{40954}{49}x^4 - \frac{392436}{49}x^3 + \frac{2056069}{49}x^2 - \frac{5576736}{49}x + \frac{6120144}{49})$	4223310, 25339860, 84988610, 192661000, 315700574, 385574756, 355370134, 247036496, 127846964, 47850880, 12259720, 1926320, 140140	
3, 6, 10, 15	$\frac{11}{2177280}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{280}{11}x + \frac{1830}{11})$	13293280, 86406320, 320514480, 812360120, 1502215000, 2092970880, 2231749520, 1829507680, 1146942720, 541090000, 186214160, 44179740, 6466460, 440440	
3, 6, 11	$\frac{1}{4320}(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{35}{2}x + 81)$	13860, 62370, 155694, 253869, 284515, 222145, 119315, 42182, 8862, 840	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 11, 13	$\frac{1}{34560}(x-13)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-21x^2+142x-288)$	492492, 2708706, 8014006, 15747732, 22087520, 22777846, 17412738, 9788408, 3942876, 1079400, 180180, 13860	
3, 6, 11, 13, 15	$\frac{41}{7257600}(x-15)(x-13)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-31x^3+\frac{14914}{41}x^2-\frac{78496}{41}x+\frac{157248}{41})$	23863840, 155114960, 549057600, 1313552240, 2294810560, 3034402560, 3087321160, 2427415340, 1466389764, 669344340, 223668060, 51683940, 7387380, 492492	
3, 6, 11, 14	$\frac{1}{69120}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	3153150, 18918900, 62432370, 138738600, 222972750, 267567300, 242792550, 166486320, 85135050, 31531500, 8004150, 1247400, 90090	
3, 6, 11, 15	$\frac{1}{226800}(x-15)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-\frac{1513}{32}x^4+\frac{28329}{32}x^3-\frac{65519}{8}x^2+\frac{299143}{8}x-67284)$	13293280, 86406320, 315740880, 786105320, 1429168720, 1961173620, 2063543020, 1672055210, 1037614158, 485146830, 165643170, 39022830, 5675670, 384384	

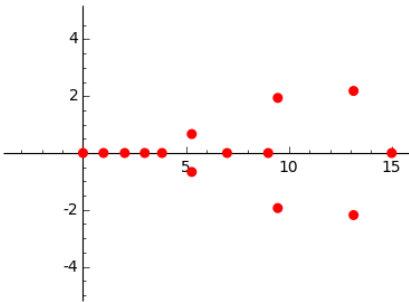
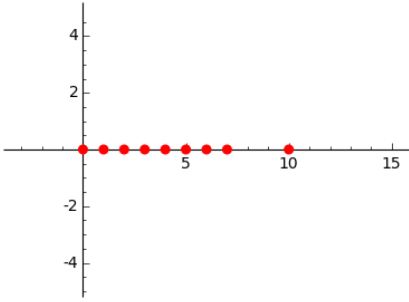
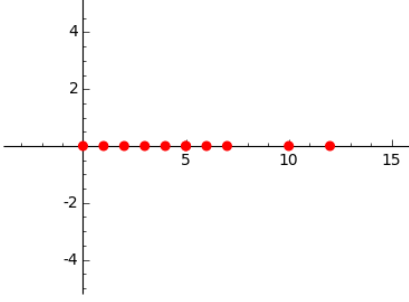
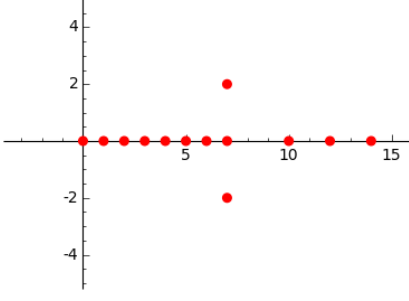
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 12	$\frac{1}{24192}(x-12)(x-6)(x-3)(x-2)(x-1)x(x^5 - \frac{183}{5}x^4 + \frac{2639}{5}x^3 - \frac{18597}{5}x^2 + \frac{63596}{5}x - 16548)$	28600, 143000, 406575, 768300, 1017930, 965340, 655253, 311956, 99198, 18960, 1650	
3, 6, 12, 14	$\frac{1}{217728}(x-14)(x-12)(x-6)(x-3)(x-2)(x-1)x(x^6 - 40x^5 + 652x^4 - \frac{27566}{5}x^3 + \frac{127019}{5}x^2 - \frac{301418}{5}x + 57924)$	1160250, 6961500, 22706390, 49718200, 78678074, 92979596, 83129074, 56198576, 28351064, 10365880, 2599300, 400400, 28600	
3, 6, 12, 15	$\frac{1}{435456}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	8008000, 52052000, 187387200, 458057600, 817960000, 1104246000, 1145144000, 916115200, 562161600, 260260000, 88088000, 20592000, 2974400, 200200	
3, 6, 13	$\frac{1}{161280}(x-13)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{116}{3}x^3 + \frac{1699}{3}x^2 - 3730x + 9408)$	54054, 297297, 947947, 2036034, 3113240, 3475927, 2855181, 1712396, 731262, 211050, 36960, 2970	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 6, 13, 15	$\frac{1}{1612800}(x-15)(x-13)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-42x^4+695x^3-\frac{16850}{3}x^2+\frac{65632}{3}x-31808)$	2482480, 16136120, 57517200, 138847280, 244699720, 326040120, 333815020, 263768330, 159943518, 73207830, 24508770, 5669730, 810810, 54054	
3, 6, 14	$\frac{1}{1244160}(x-14)(x-6)(x-3)(x-2)(x-1)x(x^7-\frac{418}{7}x^6+1510x^5-20908x^4+170737x^3-819334x^2+2129448x-\frac{16035840}{7})$	95550, 573300, 2025170, 4870600, 8440838, 10846052, 10462438, 7576352, 4067693, 1573810, 415525, 67100, 5005	
3, 6, 15	$\frac{1}{10886400}(x-15)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^6-\frac{255}{4}x^5+1696x^4-\frac{96465}{4}x^3+193594x^2-834015x+1515024)$	160160, 1041040, 4034160, 10736440, 20793140, 30222990, 33492690, 28435995, 18406521, 8941585, 3161015, 768735, 115115, 8008	
3, 7	$\frac{1}{80}(x-7)(x-3)x^2(x^2-\frac{25}{3}x+\frac{62}{3})$	72, 180, 224, 156, 58, 9	

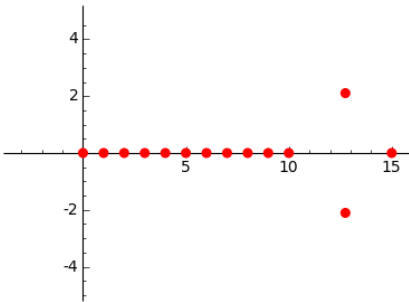
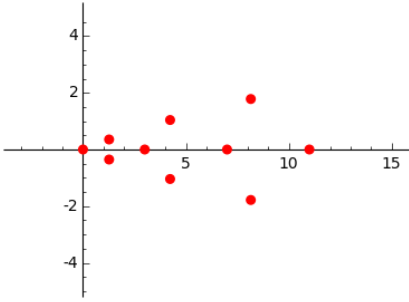
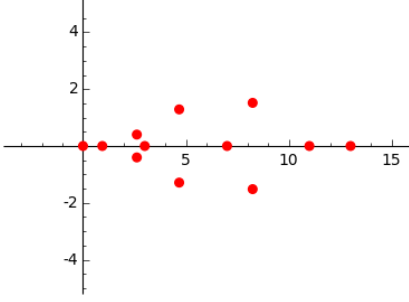
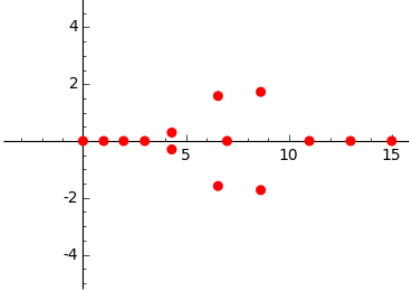
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 7, 9	$\frac{1}{560}(x-9)(x-7)(x-3)x(x^4-9x^3+26x^2-\frac{64}{3}x+\frac{80}{3})$	1280, 4480, 7884, 8510, 5896, 2574, 648, 72	
3, 7, 9, 11	$\frac{1}{2835}(x-11)(x-9)(x-7)(x-3)x(x^5-15x^4+\frac{719}{8}x^3-\frac{1041}{4}x^2+358x-150)$	34152, 153684, 360800, 545608, 567976, 414516, 209616, 70256, 14080, 1280	
3, 7, 9, 11, 13	$\frac{1423}{19958400}(x-13)(x-11)(x-9)(x-7)(x-3)x(x^6-23x^5+\frac{307518}{1423}x^4-\frac{1468836}{1423}x^3+\frac{3665624}{1423}x^2-\frac{4384480}{1423}x+\frac{1939200}{1423})$	1259216, 6925688, 20378696, 39761472, 55391584, 56796824, 43225208, 24219288, 9734192, 2661296, 443976, 34152	
3, 7, 9, 11, 13, 15	$\frac{11243}{778377600}(x-15)(x-13)(x-11)(x-9)(x-7)(x-3)x(x^7-33x^6+\frac{5083272}{11243}x^5-\frac{36888528}{11243}x^4+\frac{150827328}{11243}x^3-\frac{341038608}{11243}x^2+\frac{385139392}{11243}x-\frac{162608640}{11243})$	61239104, 398054176, 1408243392, 3366742720, 5877955200, 7768121904, 7900259008, 6209678144, 3750424128, 1711663040, 571918720, 132149376, 18888240, 1259216	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 7, 9, 11, 14	$\frac{1423}{39916800}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	7769580, 46617480, 153837684, 341861520, 549420300, 659304360, 598257660, 410233824, 209778660, 77695800, 19722780, 3073680, 221988	
3, 7, 9, 11, 15	$\frac{3001}{283046400}(x-15)(x-11)(x-9)(x-7)(x-3)x(x^8 - \frac{1629500}{33011}x^7 + \frac{33297591}{33011}x^6 - \frac{365122002}{33011}x^5 + \frac{2333451324}{33011}x^4 - \frac{8812923000}{33011}x^3 + \frac{18926357344}{33011}x^2 - \frac{20668442368}{33011}x + \frac{8558684160}{33011})$	31537088, 204991072, 750343680, 1871988448, 3409879200, 4686895728, 4938270016, 4005880544, 2488184064, 1164259280, 397763680, 93756672, 13642632, 924308	
3, 7, 9, 12	$\frac{1}{5670}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	183040, 915200, 2471040, 4392960, 5491200, 4942080, 3203200, 1464320, 449280, 83200, 7040	
3, 7, 9, 12, 14	$\frac{1}{34020}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	7687680, 46126080, 149726720, 325811200, 512512000, 602567680, 536506880, 361553920, 181977600, 66432000, 16642560, 2562560, 183040	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 7, 9, 12, 15	$\frac{1}{68040}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	51251200, 333132800, 1199278080, 2931568640, 5234944000, 7067174400, 7328921600, 5863137280, 3597834240, 1665664000, 563763200, 131788800, 19036160, 1281280	
3, 7, 9, 13	$\frac{233}{4435200}(x-13)(x-9)(x-7)(x-3)x(x^7 - \frac{78338}{2097}x^6 + \frac{1180463}{2097}x^5 - \frac{1021474}{233}x^4 + \frac{39608860}{2097}x^3 - \frac{93080536}{2097}x^2 + \frac{12010080}{233}x - \frac{5139200}{233})$	651672, 3584196, 10951772, 22401504, 32707408, 35024948, 27716676, 16078516, 6664424, 1872552, 320092, 25164	
3, 7, 9, 13, 15	$\frac{431}{57657600}(x-15)(x-13)(x-9)(x-7)(x-3)x(x^8 - 44x^7 + \frac{349517}{431}x^6 - \frac{31527560}{3879}x^5 + \frac{186678128}{3879}x^4 - \frac{220658096}{1293}x^3 + \frac{1352346160}{3879}x^2 - \frac{1423210816}{3879}x + \frac{191741440}{1293})$	30881888, 200732272, 712607904, 1711288480, 3000670400, 3980435688, 4060433056, 3199058528, 1935511776, 884456480, 295769920, 68375232, 9775080, 651672	
3, 7, 9, 14	$\frac{2771}{239500800}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{65231}{2771}x + \frac{396330}{2771})$	1880970, 11285820, 38487878, 88986040, 148569850, 184507180, 172556930, 121493008, 63581070, 24032100, 6210930, 983480, 72046	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 7, 9, 15	$\frac{1159}{566092800}(x-15)(x-9)(x-7)(x-3)x(x^9 - \frac{798739}{12749}x^8 + \frac{21307509}{12749}x^7 - \frac{315364497}{12749}x^6 + \frac{2831218494}{12749}x^5 - \frac{833622204}{671}x^4 + \frac{54587489656}{12749}x^3 - \frac{110051169248}{12749}x^2 + \frac{115232385792}{12749}x - \frac{4220835840}{1159})$	4731936, 30757584, 115741440, 298244496, 560180400, 791478216, 854505312, 708248208, 448380288, 213390360, 74016720, 17685504, 2605244, 178486	
3, 7, 10	$\frac{1}{1120}(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	5940, 23760, 49896, 66528, 59400, 35640, 13860, 3168, 324	
3, 7, 10, 12	$\frac{1}{6720}(x-12)(x-10)(x-7)(x-6)(x-4)(x-3)(x-2)(x-1)x(x-5)^2$	185328, 926640, 2455596, 4262544, 5199480, 4571424, 2899260, 1299168, 391392, 71280, 5940	
3, 7, 10, 12, 14	$\frac{1}{33600}(x-14)(x-12)(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-14x+53)$	7876440, 47258640, 153153000, 332560800, 522056808, 612707472, 544762008, 366720192, 184433544, 67293072, 16852968, 2594592, 185328	

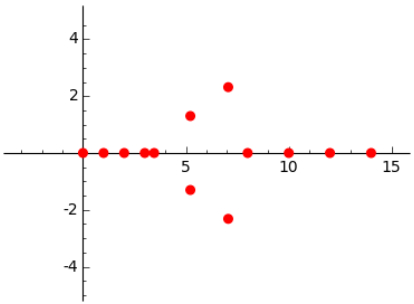
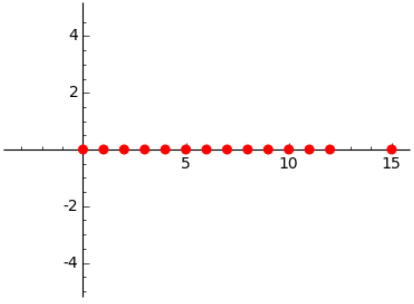
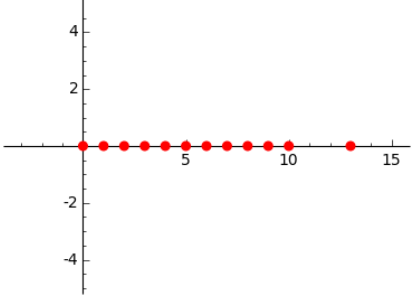
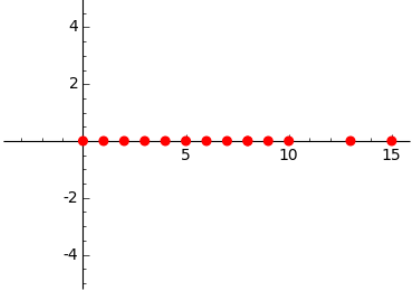
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 7, 10, 12, 15	$\frac{1}{67200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	51891840, 337296960, 1214269056, 2968213248, 5300380800, 7155514080, 7420533120, 5936426496, 3642807168, 1686484800, 570810240, 133436160, 19274112, 1297296	
3, 7, 10, 13	$\frac{1}{13440}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1081080, 5945940, 17837820, 35675640, 50965200, 53513460, 41621580, 23783760, 9729720, 2702700, 457380, 35640	
3, 7, 10, 13, 15	$\frac{1}{80640}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	51891840, 337296960, 1195365600, 2864244240, 5011578000, 6635669040, 6758912160, 5318913600, 3215298240, 1468368000, 490834080, 113442120, 16216200, 1081080	
3, 7, 10, 14	$\frac{1}{44800}(x-14)(x-10)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2(x^2 - \frac{67}{3}x + 128)$	4169880, 25019280, 83963880, 190476000, 312330096, 381676464, 351942696, 244747584, 126701928, 47434464, 12155616, 1910304, 138996	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 7, 10, 15	$\frac{1}{201600}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{51}{2}x + 167)$	12972960, 84324240, 313018992, 794037816, 1469496600, 2048801040, 2185943760, 1792863072, 1124456256, 530679600, 182690640, 43356060, 6347484, 432432	
3, 7, 11	$\frac{7}{25920}(x-11)(x-7)(x-3)x(x^6 - \frac{1338}{49}x^5 + \frac{14269}{49}x^4 - \frac{74328}{49}x^3 + \frac{195796}{49}x^2 - \frac{240720}{49}x + \frac{112320}{49})$	18564, 83538, 204512, 325948, 357532, 273882, 144672, 50408, 10456, 980	
3, 7, 11, 13	$\frac{221}{5702400}(x-13)(x-11)(x-7)(x-3)x(x^7 - 32x^6 + \frac{92613}{221}x^5 - \frac{4465602}{1547}x^4 + \frac{17341132}{1547}x^3 - \frac{37492664}{1547}x^2 + \frac{41000160}{1547}x - \frac{16761600}{1547})$	667688, 3672284, 10845380, 21262080, 29755888, 30628556, 23379980, 13128660, 5284472, 1446032, 241332, 18564	
3, 7, 11, 13, 15	$\frac{11923}{1556755200}(x-15)(x-13)(x-11)(x-7)(x-3)x(x^8 - 42x^7 + \frac{8928891}{11923}x^6 - \frac{87585792}{11923}x^5 + \frac{512016624}{11923}x^4 - \frac{1803473328}{11923}x^3 + \frac{3673598672}{11923}x^2 - \frac{3862835904}{11923}x + \frac{1561075200}{11923})$	32391968, 210547792, 745143264, 1782262240, 3112992480, 4115537928, 4186728736, 3291491168, 1988231328, 907499600, 303241120, 70070112, 10015320, 667688	

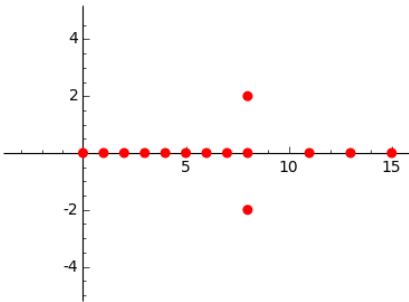
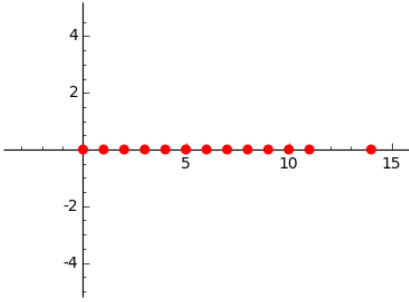
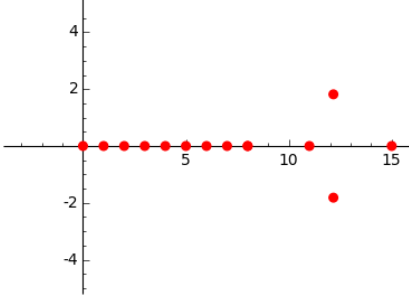
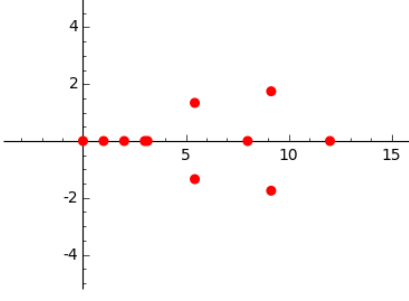
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 7, 11, 14	$\frac{221}{11404800}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	4223310, 25339860, 83621538, 185825640, 298648350, 358378020, 325194870, 222990768, 114029370, 42233100, 10720710, 1670760, 120666	
3, 7, 11, 15	$\frac{3317}{566092800}(x-15)(x-11)(x-7)(x-3)x(x^9 - \frac{2127451}{36487}x^8 + \frac{4811349}{3317}x^7 - \frac{733151949}{36487}x^6 + \frac{563052882}{3317}x^5 - \frac{32832902244}{36487}x^4 + \frac{9825979816}{3317}x^3 - \frac{209944056416}{36487}x^2 + \frac{19429829376}{3317}x - \frac{84518553600}{36487})$	17590496, 114338224, 418032000, 1041455536, 1894551360, 2601145296, 2738102272, 2219427728, 1377695232, 644310800, 220030720, 51844464, 7541604, 510818	
3, 7, 12	$\frac{11}{181440}(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{214}{11}x + 99)$	47476, 237380, 664092, 1232088, 1604460, 1498068, 1002820, 471536, 148284, 28060, 2420	
3, 7, 12, 14	$\frac{83}{10886400}(x-14)(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 24x^2 + \frac{15529}{83}x - \frac{37620}{83})$	1947660, 11685960, 38058020, 83168800, 131363596, 154987144, 138382076, 93454624, 47109828, 17215464, 4315476, 664664, 47476	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 7, 12, 15	$\frac{83}{21772800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	13293280, 86406320, 311062752, 760375616, 1357813600, 1833048360, 1900939040, 1520751232, 933188256, 432031600, 146226080, 34182720, 4937504, 332332	
3, 7, 13	$\frac{97}{8870400}(x-13)(x-7)(x-3)x(x^8 - \frac{42379}{873}x^7 + \frac{861745}{873}x^6 - \frac{1054833}{97}x^5 + \frac{61298726}{873}x^4 - \frac{234216884}{873}x^3 + \frac{56437784}{97}x^2 - \frac{61992160}{97}x + \frac{25977600}{97})$	106596, 586278, 1844570, 3903480, 5885656, 6487502, 5266950, 3125350, 1321724, 378084, 65674, 5238	
3, 7, 13, 15	$\frac{47}{38438400}(x-15)(x-13)(x-7)(x-3)x(x^9 - 53x^8 + \frac{169639}{141}x^7 - \frac{19373839}{1269}x^6 + \frac{150561628}{1269}x^5 - \frac{245993752}{423}x^4 + \frac{2261685200}{1269}x^3 - \frac{4128425648}{1269}x^2 + \frac{1333544384}{423}x - \frac{56460800}{47})$	4945136, 32143384, 114429168, 275783200, 485257760, 645651756, 660266512, 521219216, 315820656, 144474200, 48348880, 11182104, 1598940, 106596	
3, 7, 14	$\frac{793}{479001600}(x-14)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{33786}{793}x^3 + \frac{41855}{61}x^2 - \frac{3930162}{793}x + \frac{831600}{61})$	217815, 1306890, 4565561, 10847980, 18584527, 23626018, 22565627, 16191544, 8619501, 3308718, 867207, 139088, 10309	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 7, 15	$\frac{7}{32348160}(x-15)(x-7)(x-3)x(x^{10} - \frac{198488}{2695}x^9 + \frac{579672}{245}x^8 - \frac{117052626}{2695}x^7 + \frac{122856423}{245}x^6 - \frac{10175449758}{2695}x^5 + \frac{4555932028}{245}x^4 - \frac{157426132264}{2695}x^3 + \frac{26985184032}{245}x^2 - \frac{42361777152}{385}x + 43130880)$	413952, 2690688, 10329984, 27217344, 52208520, 75204612, 82639104, 69608280, 44723376, 21574800, 7577280, 1831428, 272666, 18865	
3, 8	$\frac{1}{360}(x-8)(x-3)(x-2)(x-1)x(x^2 - \frac{23}{2}x + \frac{75}{2})$	126, 378, 600, 570, 325, 103, 14	
3, 8, 10	$\frac{1}{2880}(x-10)(x-8)(x-3)(x-2)(x-1)x(x^3 - 12x^2 + 43x - 24)$	2706, 10824, 22330, 29106, 25370, 14858, 5642, 1260, 126	
3, 8, 10, 12	$\frac{41}{604800}(x-12)(x-10)(x-8)(x-3)(x-2)(x-1)x(x^4 - 19x^3 + \frac{5689}{41}x^2 - 461x + \frac{24990}{41})$	85228, 426140, 1127646, 1953744, 2378888, 2088348, 1322894, 592296, 178344, 32472, 2706	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 8, 10, 12, 14	$\frac{149}{10886400}(x-14)(x-12)(x-10)(x-8)(x-3)(x-2)(x-1)x(x^5 - 28x^4 + \frac{47098}{149}x^3 - \frac{265588}{149}x^2 + \frac{743793}{149}x - \frac{820800}{149})$	3625440, 21752640, 70485184, 153026720, 240182728, 281849632, 250568024, 168663544, 84821240, 30947224, 7750336, 1193192, 85228	
3, 8, 10, 12, 15	$\frac{149}{21772800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	23863840, 155114960, 558413856, 1365011648, 2437520800, 3290653080, 3412529120, 2730023296, 1675241568, 775574800, 262502240, 61364160, 8863712, 596596	
3, 8, 10, 13	$\frac{41}{1209600}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	492492, 2708706, 8126118, 16252236, 23217480, 24378354, 18960942, 10834824, 4432428, 1231230, 208362, 16236	
3, 8, 10, 13, 15	$\frac{41}{7257600}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	23639616, 153657504, 544555440, 1304822376, 2283052200, 3022915896, 3079059984, 2423060640, 1464746976, 668923200, 223602192, 51679188, 7387380, 492492	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 8, 10, 14	$\frac{11}{1088640}(x-14)(x-10)(x-8)(x-3)(x-2)(x-1)x(x^6 - \frac{4769}{110}x^5 + \frac{8389}{11}x^4 - \frac{76468}{11}x^3 + \frac{381330}{11}x^2 - \frac{9879831}{110}x + \frac{1041822}{11})$	1880970, 11285820, 37892470, 86009000, 141105286, 172511164, 159130118, 110695060, 57319010, 21463288, 5501122, 864644, 62920	
3, 8, 10, 15	$\frac{97}{43545600}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{2477}{97}x + \frac{16248}{97})$	5797792, 37685648, 139974120, 355315532, 657985900, 917883252, 979786808, 803923120, 504382032, 238110400, 81992504, 19462806, 2849990, 194194	
3, 8, 11	$\frac{1}{5760}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	13860, 62370, 149688, 232848, 249480, 187110, 97020, 33264, 6804, 630	
3, 8, 11, 13	$\frac{1}{34560}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	504504, 2774772, 8180172, 15999984, 22342320, 22954932, 17497116, 9814896, 3947832, 1079820, 180180, 13860	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 8, 11, 13, 15	$\frac{1}{172800}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-16x+68)$	24504480, 159279120, 563603040, 1347746400, 2353543920, 3110955120, 3164333760, 2487461760, 1502450208, 685739880, 229133520, 52945200, 7567560, 504504	
3, 8, 11, 14	$\frac{1}{69120}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	3153150, 18918900, 62432370, 138738600, 222972750, 267567300, 242792550, 166486320, 85135050, 31531500, 8004150, 1247400, 90090	
3, 8, 11, 15	$\frac{1}{230400}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2-\frac{73}{3}x+\frac{454}{3})$	12972960, 84324240, 308468160, 769008240, 1399802040, 1922897340, 2025036720, 1642032000, 1019583936, 476949060, 162910440, 38392200, 5585580, 378378	
3, 8, 12	$\frac{1}{18900}(x-12)(x-8)(x-3)(x-2)(x-1)x(x^5-\frac{1033}{32}x^4+\frac{13053}{32}x^3-\frac{80177}{32}x^2+\frac{238555}{32}x-\frac{135975}{16})$	47476, 237380, 652392, 1185288, 1513256, 1388256, 915128, 424572, 131958, 24714, 2112	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 8, 12, 14	$\frac{83}{10886400}(x-14)(x-12)(x-8)(x-3)(x-2)(x-1)x(x^6-38x^5+\frac{49146}{83}x^4-\frac{401576}{83}x^3+\frac{1816351}{83}x^2-\frac{4317990}{83}x+\frac{4230900}{83})$	1971060, 11826360, 38451028, 83846840, 132160636, 155651464, 138777968, 93620548, 47156480, 17223388, 4316092, 664664, 47476	
3, 8, 12, 15	$\frac{83}{21772800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	13293280, 86406320, 311062752, 760375616, 1357813600, 1833048360, 1900939040, 1520751232, 933188256, 432031600, 146226080, 34182720, 4937504, 332332	
3, 8, 13	$\frac{29}{2419200}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-\frac{621}{29}x+\frac{3450}{29})$	132132, 726726, 2252250, 4684680, 6949800, 7549542, 6050226, 3549000, 1485540, 421050, 72534, 5742	
3, 8, 13, 15	$\frac{11}{7257600}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-27x^2+\frac{2620}{11}x-\frac{7332}{11})$	6198192, 40288248, 143217360, 344524752, 605122440, 803871432, 821001888, 647438400, 391992048, 179216460, 59952024, 13862376, 1981980, 132132	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 8, 14	$\frac{19}{8709120}(x-14)(x-8)(x-3)(x-2)(x-1)x(x^7 - \frac{5272}{95}x^6 + \frac{24606}{19}x^5 - \frac{312136}{19}x^4 + \frac{2319563}{19}x^3 - \frac{50389488}{95}x^2 + \frac{23662404}{19}x - \frac{23101200}{19})$	320775, 1924650, 6639325, 15554000, 26294107, 33023578, 31196501, 22162630, 11691995, 4451356, 1157959, 184448, 13585	
3, 8, 15	$\frac{29}{87091200}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{1350}{29}x^3 + \frac{23719}{29}x^2 - \frac{186558}{29}x + \frac{556704}{29})$	704704, 4580576, 17400240, 45314984, 85969780, 122581134, 133442456, 111435520, 71030736, 34015270, 11865788, 2850012, 421850, 29029	
3, 9	$\frac{1}{2016}(x-9)(x-3)x(x^5 - \frac{108}{5}x^4 + \frac{893}{5}x^3 - \frac{3378}{5}x^2 + \frac{5528}{5}x - 336)$	200, 700, 1350, 1625, 1252, 603, 166, 20	
3, 9, 11	$\frac{1}{18144}(x-11)(x-9)(x-3)x(x^6 - 22x^5 + 187x^4 - \frac{3746}{5}x^3 + 1408x^2 - \frac{5216}{5}x + 672)$	5100, 22950, 54296, 82936, 87152, 64090, 32588, 10960, 2200, 200	

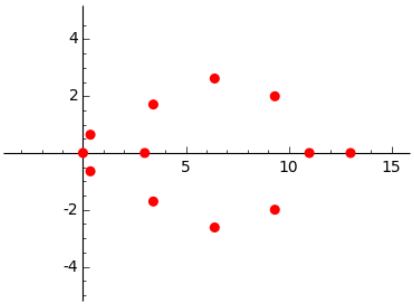
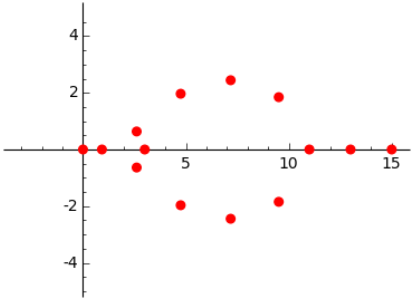
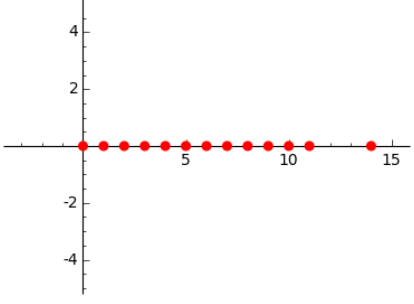
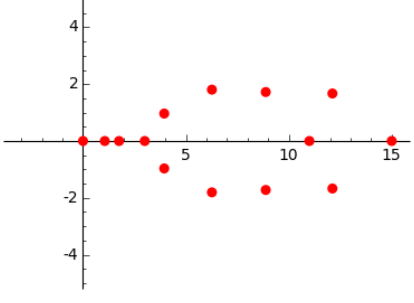
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 9, 11, 13	$\frac{17}{1596672}(x-13)(x-11)(x-9)(x-3)x(x^7 - 30x^6 + \frac{6403}{17}x^5 - \frac{43194}{17}x^4 + \frac{167404}{17}x^3 - \frac{1832664}{85}x^2 + \frac{2048608}{85}x - \frac{166656}{17})$	187208, 1029644, 3031860, 5921040, 8255760, 8471148, 6450284, 3615380, 1453400, 397400, 66300, 5100	
3, 9, 11, 13, 15	$\frac{3343}{1556755200}(x-15)(x-13)(x-11)(x-9)(x-3)x(x^8 - 40x^7 + \frac{2283549}{3343}x^6 - \frac{21546492}{3343}x^5 + \frac{121619112}{3343}x^4 - \frac{415204320}{3343}x^3 + \frac{823337936}{3343}x^2 - \frac{847206848}{3343}x + \frac{337774080}{3343})$	9100128, 59150832, 209279520, 500378208, 873679360, 1154709288, 1174414592, 923136880, 557556624, 254468720, 85026640, 19646640, 2808120, 187208	
3, 9, 11, 14	$\frac{17}{3193344}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1160250, 6961500, 22972950, 51051000, 82046250, 98455500, 89339250, 61261200, 31326750, 11602500, 2945250, 459000, 33150	
3, 9, 11, 15	$\frac{899}{566092800}(x-15)(x-11)(x-9)(x-3)x(x^9 - \frac{557267}{9889}x^8 + \frac{13387657}{9889}x^7 - \frac{179127417}{9889}x^6 + \frac{1463913534}{9889}x^5 - \frac{684434268}{899}x^4 + \frac{24138241208}{9889}x^3 - \frac{1479879328}{319}x^2 + \frac{1584187648}{341}x - \frac{17950033920}{9889})$	4731936, 30757584, 112559040, 280741296, 511250320, 702566856, 740118704, 600292360, 372818088, 174430640, 59588680, 14044680, 2043540, 138446	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 9, 12	$\frac{1}{36288}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	28600, 143000, 386100, 686400, 858000, 772200, 500500, 228800, 70200, 13000, 1100	
3, 9, 12, 14	$\frac{1}{217728}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	1201200, 7207200, 23394800, 50908000, 80080000, 94151200, 83829200, 56492800, 28434000, 10380000, 2600400, 400400, 28600	
3, 9, 12, 15	$\frac{1}{435456}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	8008000, 52052000, 187387200, 458057600, 817960000, 1104246000, 1145144000, 916115200, 562161600, 260260000, 88088000, 20592000, 2974400, 200200	
3, 9, 13	$\frac{1}{118272}(x-13)(x-9)(x-3)x(x^8 - \frac{1195}{27}x^7 + \frac{22175}{27}x^6 - \frac{223633}{27}x^5 + \frac{1329278}{27}x^4 - \frac{23573156}{135}x^3 + \frac{47965048}{135}x^2 - \frac{5566048}{15}x + \frac{453376}{3})$	106596, 586278, 1787370, 3646080, 5310120, 5674326, 4482558, 2596710, 1075100, 301800, 51550, 4050	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 9, 13, 15	$\frac{47}{38438400}(x-15)(x-13)(x-9)(x-3)x(x^9 - 51x^8 + \frac{52601}{47}x^7 - \frac{17527873}{1269}x^6 + \frac{133409192}{1269}x^5 - \frac{645090016}{1269}x^4 + \frac{1963142048}{1269}x^3 - \frac{3576191152}{1269}x^2 + \frac{3468044864}{1269}x - \frac{441351680}{423})$	5059536, 32886984, 116724240, 280226496, 491230320, 651472956, 664443104, 523415560, 316647288, 144685640, 48381880, 11184480, 1598940, 106596	
3, 9, 14	$\frac{37}{19160064}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{865}{37}x + \frac{5214}{37})$	320775, 1924650, 6545825, 15086500, 25114375, 31109650, 29031275, 20402200, 10660125, 4023750, 1038675, 164300, 12025	
3, 9, 15	$\frac{401}{1132185600}(x-15)(x-9)(x-3)x(x^{10} - \frac{306354}{4411}x^9 + \frac{9254006}{4411}x^8 - \frac{159379356}{4411}x^7 + \frac{1724538579}{4411}x^6 - \frac{1106958798}{401}x^5 + \frac{56387076764}{4411}x^4 - \frac{167384819544}{4411}x^3 + \frac{300516811360}{4411}x^2 - \frac{288751066368}{4411}x + \frac{10005166080}{401})$	837232, 5442008, 20425680, 52479152, 98299840, 138548772, 149259448, 123477020, 78039756, 37084680, 12846060, 3065760, 451130, 30877	
3, 10	$\frac{1}{13440}(x-10)(x-3)(x-2)(x-1)x(x^4 - \frac{80}{3}x^3 + \frac{817}{3}x^2 - 1268x + 2352)$	297, 1188, 2695, 3927, 3815, 2471, 1029, 250, 27	

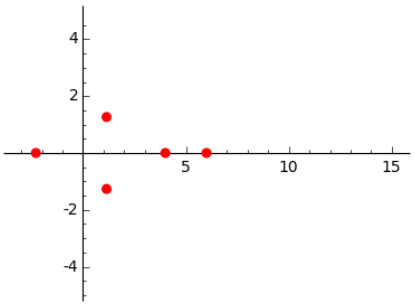
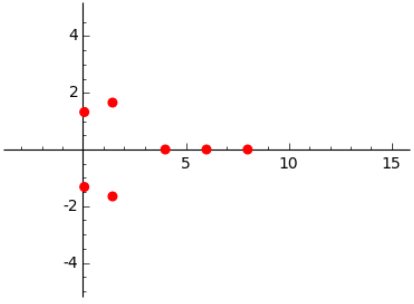
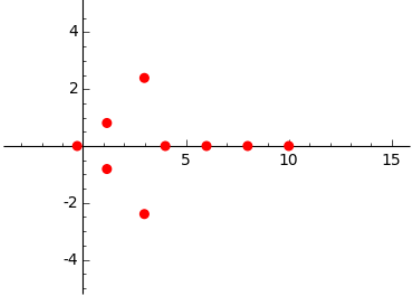
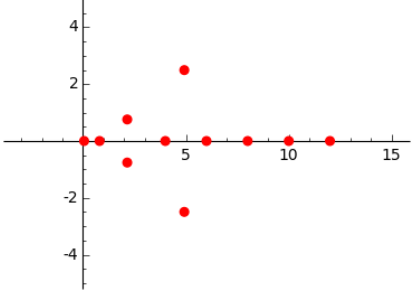
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 10, 12	$\frac{1}{134400}(x-12)(x-10)(x-3)(x-2)(x-1)x(x^5-27x^4+281x^3-\frac{4079}{3}x^2+\frac{8434}{3}x-1120)$	8866, 44330, 118287, 207168, 254856, 225666, 143903, 64732, 19548, 3564, 297	
3, 10, 12, 14	$\frac{31}{21772800}(x-14)(x-12)(x-10)(x-3)(x-2)(x-1)x(x^6-36x^5+\frac{16726}{31}x^4-\frac{133428}{31}x^3+\frac{598123}{31}x^2-\frac{1432176}{31}x+\frac{1447200}{31})$	375180, 2251080, 7299908, 15864640, 24924416, 29271704, 26038768, 17534948, 8820920, 3218908, 806212, 124124, 8866	
3, 10, 12, 15	$\frac{31}{43545600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2482480, 16136120, 58090032, 141997856, 253567600, 342316260, 354994640, 283995712, 174270096, 80680600, 27307280, 6383520, 922064, 62062	
3, 10, 13	$\frac{1}{268800}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	54054, 297297, 891891, 1783782, 2548260, 2675673, 2081079, 1189188, 486486, 135135, 22869, 1782	

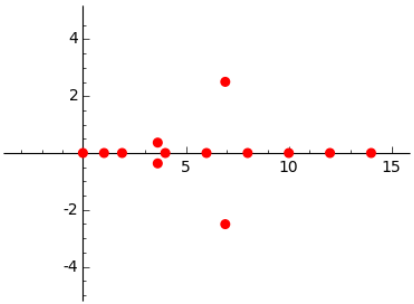
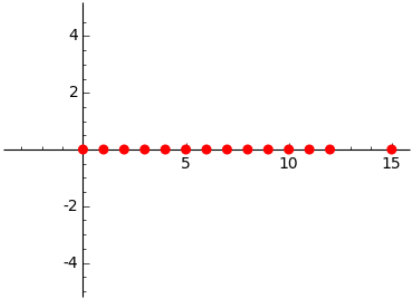
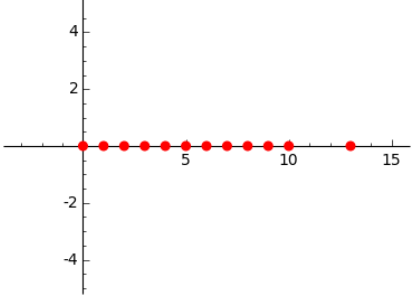
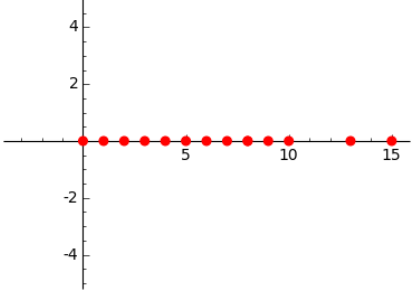
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 10, 13, 15	$\frac{1}{1612800}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	2594592, 16864848, 59768280, 143212212, 250578900, 331783452, 337945608, 265945680, 160764912, 73418400, 24541704, 5672106, 810810, 54054	
3, 10, 14	$\frac{1}{870912}(x-14)(x-10)(x-3)(x-2)(x-1)x(x^7 - \frac{1281}{25}x^6 + \frac{27628}{25}x^5 - 12984x^4 + 89647x^3 - \frac{9081639}{25}x^2 + \frac{19959012}{25}x - \frac{3652128}{5})$	217815, 1306890, 4377065, 9905500, 16205717, 19765658, 18196801, 12637910, 6535475, 2444596, 625999, 98318, 7150	
3, 10, 15	$\frac{23}{87091200}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{583}{23}x + \frac{3792}{23})$	704704, 4580576, 16962660, 42908294, 79200550, 110169774, 117313196, 96055960, 60157944, 28355800, 9751148, 2311947, 338195, 23023	
3, 11	$\frac{1}{103680}(x-11)(x-3)x(x^7 - \frac{271}{7}x^6 + \frac{4369}{7}x^5 - \frac{37621}{7}x^4 + \frac{184312}{7}x^3 - \frac{500380}{7}x^2 + \frac{664080}{7}x - 34560)$	420, 1890, 4928, 8428, 9884, 8050, 4496, 1648, 358, 35	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 11, 13	$\frac{1}{1140480}(x-13)(x-11)(x-3)x(x^8-39x^7+635x^6-\frac{38859}{7}x^5+\frac{195308}{7}x^4-\frac{557940}{7}x^3+\frac{836608}{7}x^2-\frac{548160}{7}x+34560)$	14504, 79772, 236964, 468048, 659760, 683340, 524240, 295502, 119264, 32690, 5460, 420	
3, 11, 13, 15	$\frac{37}{222393600}(x-15)(x-13)(x-11)(x-3)x(x^9-49x^8+\frac{38571}{37}x^7-\frac{465387}{37}x^6+\frac{3490260}{37}x^5-\frac{117265404}{259}x^4+\frac{356727488}{259}x^3-\frac{653734016}{259}x^2+\frac{640886016}{259}x-\frac{34905600}{37})$	700896, 4555824, 16132320, 38613696, 67491160, 89278596, 90864224, 71459080, 43175304, 19709900, 6586720, 1522080, 217560, 14504	
3, 11, 14	$\frac{1}{2280960}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	95550, 573300, 1891890, 4204200, 6756750, 8108100, 7357350, 5045040, 2579850, 955500, 242550, 37800, 2730	
3, 11, 15	$\frac{11}{80870400}(x-15)(x-11)(x-3)x(x^{10}-\frac{7892}{121}x^9+\frac{224380}{121}x^8-\frac{3648450}{121}x^7+\frac{37409943}{121}x^6-\frac{1759567662}{847}x^5+\frac{7789437500}{847}x^4-\frac{3172931320}{847}x^3+\frac{38498678912}{121}x^2-\frac{35927347584}{847}x+\frac{1922918400}{121})$	413952, 2690688, 9820800, 24416832, 44332420, 60766002, 63877088, 51717820, 32073228, 14988050, 5115040, 1204560, 175140, 11858	

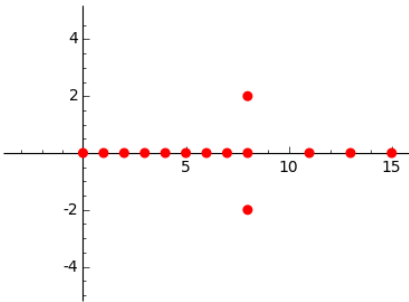
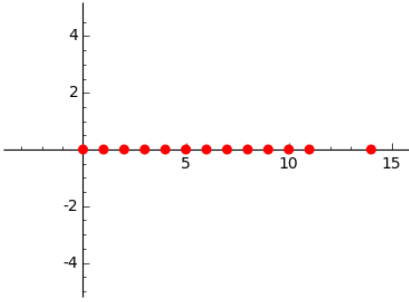
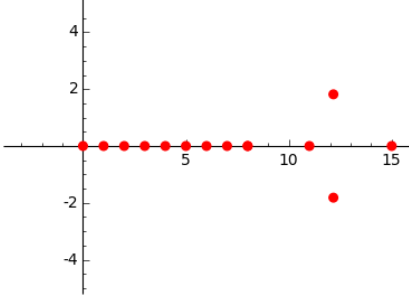
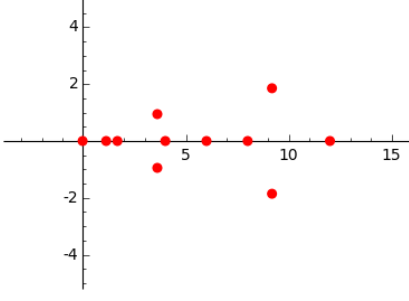
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 12	$\frac{1}{907200}(x-12)(x-3)(x-2)(x-1)x(x^6 - \frac{183}{4}x^5 + \frac{3499}{4}x^4 - \frac{35847}{4}x^3 + \frac{208537}{4}x^2 - \frac{329565}{2}x + 226800)$	572, 2860, 8424, 16536, 22722, 22302, 15636, 7674, 2511, 493, 44	
3, 12, 14	$\frac{1}{10886400}(x-14)(x-12)(x-3)(x-2)(x-1)x(x^7 - 46x^6 + 886x^5 - 9178x^4 + 54403x^3 - 178696x^2 + 275190x - 86400)$	22620, 135720, 444136, 976580, 1551792, 1840608, 1650726, 1118766, 565490, 207046, 51964, 8008, 572	
3, 12, 15	$\frac{1}{21772800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	160160, 1041040, 3747744, 9161152, 16359200, 22084920, 22902880, 18322304, 11243232, 5205200, 1761760, 411840, 59488, 4004	
3, 13	$\frac{1}{8870400}(x-13)(x-3)x(x^9 - \frac{538}{9}x^8 + \frac{13976}{9}x^7 - \frac{206182}{9}x^6 + \frac{1893371}{9}x^5 - \frac{11137312}{9}x^4 + \frac{41468324}{9}x^3 - 10249952x^2 + 11865280x - 4435200)$	756, 4158, 13650, 30240, 47640, 54726, 46188, 28425, 12440, 3675, 658, 54	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
3, 13, 15	$\frac{1}{115315200}(x-15)(x-13)(x-3)x(x^{10}-60x^9+1566x^8-\frac{209248}{9}x^7+\frac{1939133}{9}x^6-\frac{11568292}{9}x^5+\frac{44111996}{9}x^4-\frac{102789232}{9}x^3+\frac{132728768}{9}x^2-\frac{26160896}{3}x+2956800)$	33936, 220584, 788400, 1909776, 3377220, 4513806, 4633904, 3669820, 2229372, 1021850, 342448, 79272, 11340, 756	
3, 14	$\frac{1}{95800320}(x-14)(x-3)(x-2)(x-1)x(x^8-\frac{344}{5}x^7+\frac{10322}{5}x^6-35308x^5+377029x^4-\frac{12902636}{5}x^3+\frac{55530288}{5}x^2-27716544x+31363200)$	975, 5850, 21175, 52250, 92829, 122166, 120582, 89265, 48950, 19327, 5203, 856, 65	
3, 15	$\frac{1}{1132185600}(x-15)(x-3)x(x^{11}-\frac{933}{11}x^{10}+\frac{35296}{11}x^9-\frac{784290}{11}x^8+\frac{11341623}{11}x^7-\frac{111675789}{11}x^6+\frac{760352518}{11}x^5-\frac{3555034860}{11}x^4+\frac{11066993816}{11}x^3-\frac{21444448128}{11}x^2+\frac{22465489536}{11}x-754790400)$	1232, 8008, 31680, 86152, 170390, 252747, 285648, 247170, 162954, 80575, 28976, 7164, 1090, 77	
4	$\frac{1}{6}(x-4)(x^2-2x+3)$	3, 3, 1	

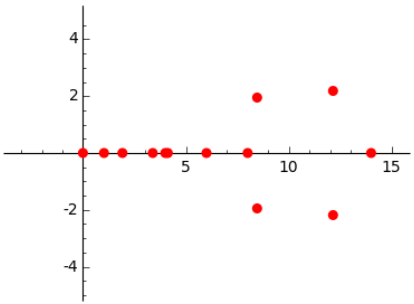
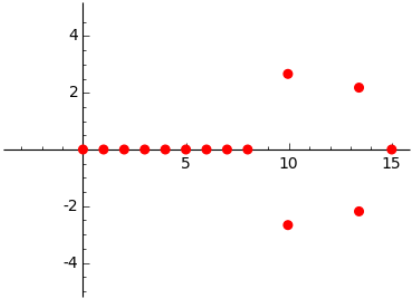
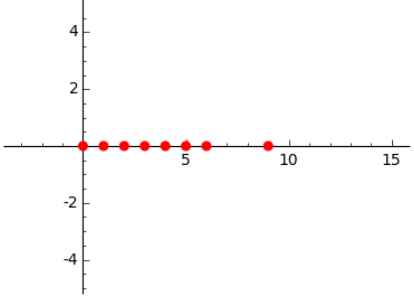
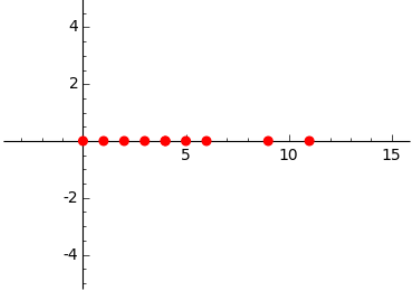
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6	$\frac{1}{40}(x-6)(x-4)(x^3 - \frac{7}{3}x + \frac{20}{3})$	25, 50, 43, 18, 3	
4, 6, 8	$\frac{5}{1008}(x-8)(x-6)(x-4)(x^4 - 3x^3 + \frac{173}{25}x^2 - \frac{141}{25}x + \frac{42}{5})$	364, 1092, 1586, 1352, 694, 200, 25	
4, 6, 8, 10	$\frac{13}{12960}(x-10)(x-8)(x-6)(x-4)(x^5 - 8x^4 + \frac{2558}{91}x^3 - \frac{484}{13}x^2 + \frac{1479}{91}x + \frac{108}{13})$	8112, 32448, 66472, 85848, 74202, 43180, 16330, 3640, 364	
4, 6, 8, 10, 12	$\frac{169}{831600}(x-12)(x-10)(x-8)(x-6)(x-4)(x^6 - 15x^5 + \frac{3515}{39}x^4 - \frac{9730}{39}x^3 + \frac{161053}{507}x^2 - \frac{72785}{507}x + \frac{1155}{169})$	256432, 1282160, 3390700, 5869840, 7141704, 6265744, 3967492, 1775904, 534664, 97344, 8112	

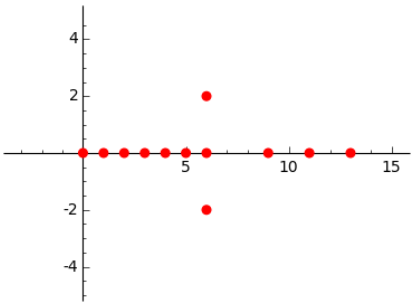
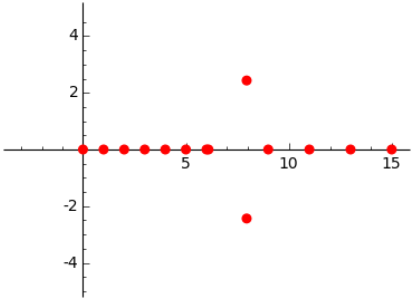
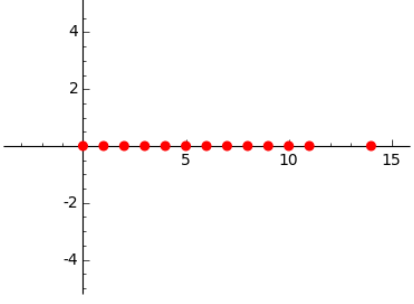
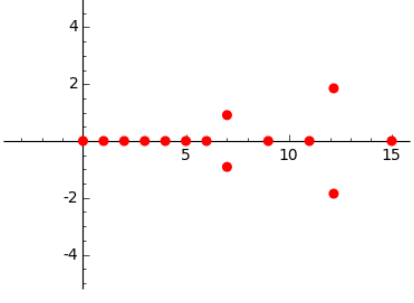
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 8, 10, 12, 14	$\frac{1457}{35380800}(x-14)(x-12)(x-10)(x-8)(x-6)(x-4)(x^7-24x^6+\frac{3704323}{16027}x^5-\frac{17727948}{16027}x^4+\frac{43651561}{16027}x^3-\frac{51427920}{16027}x^2+\frac{22183545}{16027}x+\frac{7020}{1457})$	10912408, 65474448, 212144264, 460538880, 722783928, 848121360, 753957368, 507491712, 255213504, 93114112, 23319088, 3590048, 256432	
4, 6, 8, 10, 12, 15	$\frac{1457}{70761600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	71800960, 466706240, 1680142464, 4107014912, 7333955200, 9900839520, 10267537280, 8214029824, 5040427392, 2333531200, 789810560, 184631040, 26668928, 1795024	
4, 6, 8, 10, 13	$\frac{169}{1663200}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1476384, 8120112, 24360336, 48720672, 69600960, 73081008, 56840784, 32480448, 13287456, 3690960, 624624, 48672	
4, 6, 8, 10, 13, 15	$\frac{169}{9979200}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	70866432, 460631808, 1632458880, 3911573952, 6844094400, 9062044992, 9230352768, 7263809280, 4390993152, 2005286400, 670310784, 154922976, 22145760, 1476384	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 8, 10, 14	$\frac{23519}{778377600}(x-14)(x-10)(x-8)(x-6)(x-4)(x^8 - \frac{925776}{23519}x^7 + \frac{14497943}{23519}x^6 - \frac{115381716}{23519}x^5 + \frac{498902117}{23519}x^4 - \frac{1156947240}{23519}x^3 + \frac{1315954293}{23519}x^2 - \frac{556036020}{23519}x + \frac{926640}{23519})$	5616676, 33700056, 113170892, 256937280, 421618836, 515552280, 475633076, 330902208, 171361008, 64171744, 16448536, 2585456, 188152	
4, 6, 8, 10, 15	$\frac{10337}{1556755200}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{264115}{10337}x + \frac{1733580}{10337})$	17249344, 112120736, 416542464, 1057655456, 1959100000, 2733526224, 2918429696, 2394980224, 1502819136, 709540000, 244352768, 58007952, 8494928, 578872	
4, 6, 8, 11	$\frac{13}{25920}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	40040, 180180, 432432, 672672, 720720, 540540, 280280, 96096, 19656, 1820	
4, 6, 8, 11, 13	$\frac{13}{155520}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	1457456, 8016008, 23631608, 46222176, 64544480, 66314248, 50547224, 28354144, 11404848, 3119480, 520520, 40040	

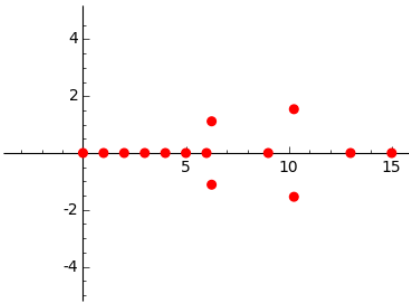
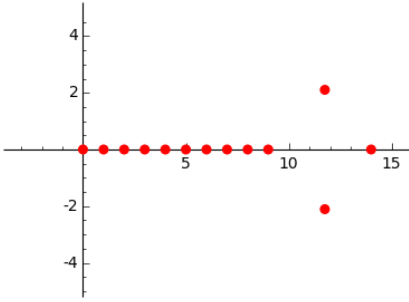
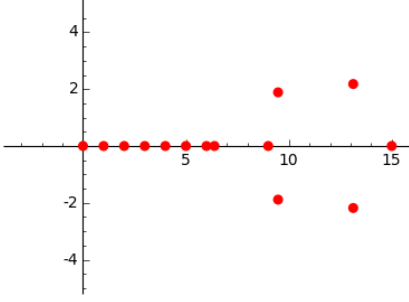
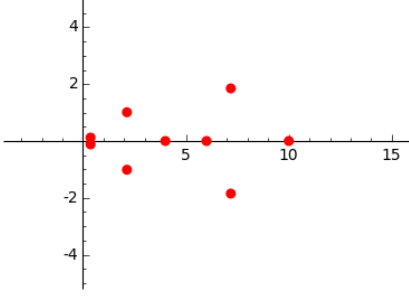
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 8, 11, 13, 15	$\frac{13}{777600}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-16x+68)$	70790720, 460139680, 1628186560, 3893489600, 6799126880, 8987203680, 9141408640, 7186000640, 4340411712, 1981026320, 661941280, 152952800, 21861840, 1457456	
4, 6, 8, 11, 14	$\frac{13}{311040}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	9109100, 54654600, 180360180, 400800400, 644143500, 772972200, 701400700, 480960480, 245945700, 91091000, 23123100, 3603600, 260260	
4, 6, 8, 11, 15	$\frac{13}{1036800}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2-\frac{73}{3}x+\frac{454}{3})$	37477440, 243603360, 891130240, 2221579360, 4043872560, 5555036760, 5850106080, 4743648000, 2945464704, 1377852840, 470630160, 110910800, 16136120, 1093092	
4, 6, 8, 12	$\frac{2977}{19958400}(x-12)(x-8)(x-6)(x-4)(x^7-\frac{6495}{229}x^6+\frac{70340}{229}x^5-\frac{363330}{229}x^4+\frac{12259133}{2977}x^3-\frac{14903355}{2977}x^2+\frac{502630}{229}x+\frac{138600}{2977})$	132044, 660220, 1818160, 3311320, 4236948, 3894148, 2570804, 1194128, 371488, 69628, 5954	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 8, 12, 14	$\frac{3001}{141523200}(x-14)(x-12)(x-8)(x-6)(x-4)(x^8-34x^7 + \frac{15413879}{33011}x^6 - \frac{9975154}{3001}x^5 + \frac{433847753}{33011}x^4 - \frac{940016930}{33011}x^3 + \frac{1018979325}{33011}x^2 - \frac{417293490}{33011}x + \frac{140400}{3001})$	5474716, 32848296, 106820548, 232993360, 367336036, 432715240, 385867036, 260338624, 131142648, 47900944, 12004096, 1848616, 132044	
4, 6, 8, 12, 15	$\frac{3001}{283046400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	36972320, 240320080, 865152288, 2114816704, 3776458400, 5098218840, 5287041760, 4229633408, 2595456864, 1201600400, 406695520, 95071680, 13732576, 924308	
4, 6, 8, 13	$\frac{1963}{59875200}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{3254}{151}x + \frac{18210}{151})$	354900, 1951950, 6064058, 12648636, 18813080, 20482462, 16446066, 9662744, 4050228, 1149330, 198198, 15704	
4, 6, 8, 13, 15	$\frac{13}{3193344}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 27x^2 + \frac{17842}{75}x - \frac{49688}{75})$	16618784, 108022096, 384089680, 924250184, 1623826360, 2157706824, 2204137936, 1738449440, 1052670528, 481315640, 161020288, 37233092, 5323500, 354900	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 8, 14	$\frac{2003}{345945600}(x-14)(x-8)(x-6)(x-4)(x^9 - \frac{931318}{18027}x^8 + \frac{19960999}{18027}x^7 - \frac{228956638}{18027}x^6 + \frac{1515812881}{18027}x^5 - \frac{5837124130}{18027}x^4 + \frac{12579954109}{18027}x^3 - \frac{1516750330}{2003}x^2 + \frac{622414880}{2003}x + \frac{2059200}{2003})$	835302, 5011812, 17328394, 40700360, 68970082, 86808100, 82161302, 58467136, 30890496, 11776128, 3067012, 489052, 36054	
4, 6, 8, 15	$\frac{223}{259459200}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{41689}{892}x^3 + \frac{2207785}{2676}x^2 - \frac{2910955}{446}x + \frac{13124528}{669})$	1785728, 11607232, 44180968, 115315772, 219231220, 313191528, 341533192, 285657008, 182342160, 87433580, 30536176, 7342334, 1087866, 74928	
4, 6, 9	$\frac{5}{2016}(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1500, 5250, 9450, 10500, 7500, 3375, 875, 100	
4, 6, 9, 11	$\frac{5}{12096}(x-11)(x-9)(x-6)(x-5)(x-3)(x-2)(x-1)x(x-4)^2$	39600, 178200, 419100, 635250, 662750, 484550, 245350, 82300, 16500, 1500	

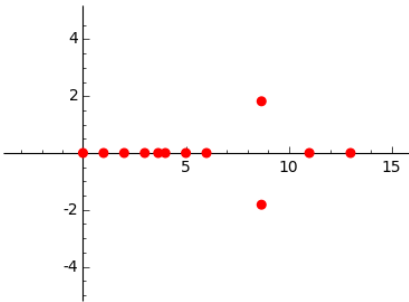
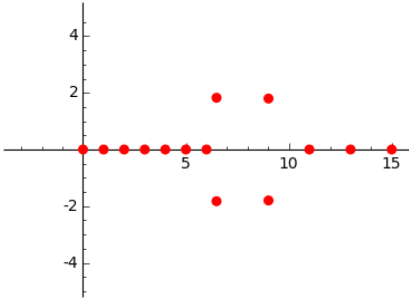
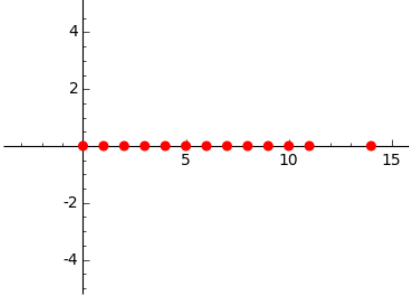
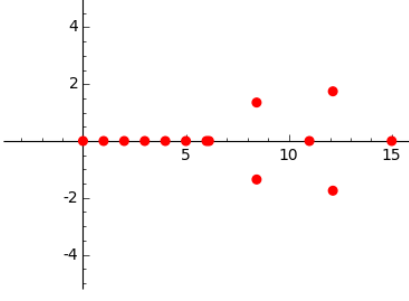
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 9, 11, 13	$\frac{1}{12096}(x-13)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-12x+40)$	1458600, 8022300, 23609300, 46074600, 64199200, 65838500, 50112300, 28080400, 11286600, 3085800, 514800, 39600	
4, 6, 9, 11, 13, 15	$\frac{17}{1016064}(x-15)(x-13)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-22x^2+\frac{2824}{17}x-\frac{7168}{17})$	70928000, 461032000, 1631073600, 3899552800, 6808316000, 8997804000, 9150971600, 7192814200, 4344229800, 1982679000, 662475000, 153073800, 21879000, 1458600	
4, 6, 9, 11, 14	$\frac{1}{24192}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	9009000, 54054000, 178378200, 396396000, 637065000, 764478000, 693693000, 475675200, 243243000, 90090000, 22869000, 3564000, 257400	
4, 6, 9, 11, 15	$\frac{25}{2032128}(x-15)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-\frac{959}{25}x^3+\frac{13566}{25}x^2-\frac{83464}{25}x+\frac{189056}{25})$	36608000, 237952000, 870948000, 2172742000, 3957482000, 5439312000, 5730810200, 4648629700, 2887339500, 1351000500, 461554500, 108791100, 15830100, 1072500	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 9, 12	$\frac{5}{24192}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	214500, 1072500, 2895750, 5148000, 6435000, 5791500, 3753750, 1716000, 526500, 97500, 8250	
4, 6, 9, 12, 14	$\frac{5}{145152}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	9009000, 54054000, 175461000, 381810000, 600600000, 706134000, 628719000, 423696000, 213255000, 77850000, 19503000, 3003000, 214500	
4, 6, 9, 12, 15	$\frac{5}{290304}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	60060000, 390390000, 1405404000, 3435432000, 6134700000, 8281845000, 8588580000, 6870864000, 4216212000, 1951950000, 660660000, 154440000, 22308000, 1501500	
4, 6, 9, 13	$\frac{1}{16128}(x-13)(x-9)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2(x^2 - \frac{61}{3}x + \frac{320}{3})$	772200, 4247100, 12970100, 26512200, 38685400, 41405000, 32751600, 18992800, 7870200, 2210850, 377850, 29700	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 9, 13, 15	$\frac{1}{112896}(x-15)(x-13)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-33x^3+404x^2-\frac{6508}{3}x+\frac{12992}{3})$	36608000, 237952000, 844693200, 2028340600, 3556367000, 4717305000, 4811892200, 3790972900, 2293577100, 1048060500, 350476500, 81021600, 11583000, 772200	
4, 6, 9, 14	$\frac{1}{72576}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-\frac{47}{2}x+\frac{285}{2})$	2252250, 13513500, 46053150, 106392000, 177498750, 220291500, 205910250, 144908400, 75804750, 28642500, 7400250, 1171500, 85800	
4, 6, 9, 15	$\frac{5}{2032128}(x-15)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-\frac{258}{5}x^4+1057x^3-10716x^2+53644x-\frac{528192}{5})$	5720000, 37180000, 139815000, 360002500, 675696500, 954085500, 1029485900, 852859150, 539696250, 256749750, 89025750, 21265200, 3131700, 214500	
4, 6, 10	$\frac{67}{90720}(x-10)(x-6)(x-4)(x^6-\frac{1297}{67}x^5+\frac{9084}{67}x^4-\frac{27224}{67}x^3+\frac{37121}{67}x^2-\frac{18087}{67}x+\frac{3024}{67})$	4194, 16776, 36064, 49476, 45399, 27910, 11085, 2580, 268	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 10, 12	$\frac{233}{2217600}(x-12)(x-10)(x-6)(x-4)(x^7 - 23x^6 + \frac{431860}{2097}x^5 - \frac{1901050}{2097}x^4 + \frac{485637}{233}x^3 - \frac{4847039}{2097}x^2 + \frac{1988270}{2097}x + \frac{12320}{233})$	129184, 645920, 1715200, 2985280, 3650648, 3216328, 2043004, 916448, 276268, 50328, 4194	
4, 6, 10, 12, 14	$\frac{367}{17690400}(x-14)(x-12)(x-10)(x-6)(x-4)(x^8 - 32x^7 + \frac{3414259}{8074}x^6 - \frac{23841209}{8074}x^5 + \frac{46801970}{4037}x^4 - \frac{101351923}{4037}x^3 + \frac{220149135}{8074}x^2 - \frac{90358305}{8074}x + \frac{14040}{367})$	5483296, 32899776, 106640368, 231620560, 363686936, 426921920, 379635216, 255587744, 128550948, 46905544, 11747356, 1808576, 129184	
4, 6, 10, 12, 15	$\frac{367}{35380800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	36171520, 235114880, 846413568, 2069010944, 3694662400, 4987794240, 5172527360, 4138021888, 2539240704, 1175574400, 397886720, 93012480, 13435136, 904288	
4, 6, 10, 13	$\frac{233}{4435200}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	763308, 4198194, 12594582, 25189164, 35984520, 37783746, 29387358, 16792776, 6869772, 1908270, 322938, 25164	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 10, 13, 15	$\frac{233}{26611200}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	36638784, 238152096, 844000560, 2022330024, 3538477800, 4685184504, 4772201616, 3755475360, 2270195424, 1036756800, 346558608, 80097012, 11449620, 763308	
4, 6, 10, 14	$\frac{49487}{3113510400}(x-14)(x-10)(x-6)(x-4)(x^9 - \frac{2340994}{49487}x^8 + \frac{2705419}{2911}x^7 - \frac{485466730}{49487}x^6 + \frac{2980825085}{2980825085}x^5 - \frac{49487}{10774242598}x^4 + \frac{31694817}{71}x^3 - \frac{23120451822}{49487}x^2 + \frac{9263714400}{49487}x + \frac{14826240}{49487})$	2983162, 17898972, 60031054, 136081360, 222982382, 272330060, 250992762, 174476096, 90294396, 33795328, 8658532, 1360472, 98974	
4, 6, 10, 15	$\frac{11113}{3113510400}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{282860}{11113}x + \frac{1848570}{11113})$	9393328, 61056632, 226477368, 574002572, 1061417500, 1478793888, 1576818152, 1292597488, 810335232, 382285000, 131560616, 31212774, 4568486, 311164	
4, 6, 11	$\frac{59}{362880}(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{1035}{59}x + \frac{4804}{59})$	9680, 43560, 108834, 177639, 199265, 155705, 83685, 29602, 6222, 590	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 11, 13	$\frac{11}{544320}(x-13)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-21x^2+\frac{1561}{11}x-\frac{3156}{11})$	343772, 1890746, 5594446, 10994412, 15422160, 15905526, 12159938, 6835928, 2753676, 753860, 125840, 9680	
4, 6, 11, 13, 15	$\frac{601}{152409600}(x-15)(x-13)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-31x^3+\frac{218614}{601}x^2-\frac{1150616}{601}x+\frac{2305408}{601})$	16656640, 108268160, 383237920, 916858800, 1601792560, 2118050160, 2155001880, 1694384580, 1023572844, 467218340, 156125860, 36076700, 5156580, 343772	
4, 6, 11, 14	$\frac{11}{1088640}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2202200, 13213200, 43603560, 96896800, 155727000, 186872400, 169569400, 116276160, 59459400, 22022000, 5590200, 871200, 62920	
4, 6, 11, 15	$\frac{313}{101606400}(x-15)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-\frac{44396}{939}x^4+\frac{277081}{313}x^3-\frac{7689842}{939}x^2+\frac{11702968}{313}x-\frac{63168896}{939})$	9289280, 60380320, 220632880, 549297320, 998615720, 1370316120, 1441815860, 1168261150, 724969098, 338962830, 115730670, 27264050, 3965390, 268554	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 12	$\frac{41}{1425600}(x-12)(x-6)(x-4)(x^8 - \frac{22187}{574}x^7 + \frac{347675}{574}x^6 - \frac{1406150}{287}x^5 + \frac{6217168}{287}x^4 - \frac{29322103}{574}x^3 + \frac{33949735}{574}x^2 - \frac{7323145}{287}x + \frac{39600}{41})$	19778, 98890, 281395, 532240, 705776, 669826, 454973, 216736, 68956, 13186, 1148	
4, 6, 12, 14	$\frac{899}{283046400}(x-14)(x-12)(x-6)(x-4)(x^9 - 42x^8 + \frac{7267329}{9889}x^7 - \frac{68506374}{9889}x^6 + \frac{377011395}{9889}x^5 - \frac{42391374}{341}x^4 + \frac{2304975635}{9889}x^3 - \frac{2241028410}{9889}x^2 + \frac{849292680}{9889}x + \frac{1123200}{899})$	801892, 4811352, 15694476, 34368320, 54392532, 64285080, 57478532, 38859888, 19604826, 7168228, 1797502, 276892, 19778	
4, 6, 12, 15	$\frac{899}{566092800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	5537840, 35995960, 129585456, 316764448, 565650800, 763628580, 791911120, 633528896, 388756368, 179979800, 60916240, 14240160, 2056912, 138446	
4, 6, 13	$\frac{2}{467775}(x-13)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{4957}{128}x^3 + \frac{145481}{256}x^2 - \frac{960469}{256}x + \frac{607515}{64})$	37050, 203775, 650221, 1397682, 2138760, 2389569, 1964067, 1178628, 503586, 145410, 25476, 2048	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 6, 13, 15	$\frac{19}{44706816}(x-15)(x-13)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-42x^4+\frac{990203}{1425}x^3-\frac{7997962}{1425}x^2+\frac{31108648}{1425}x-\frac{45057152}{1425})$	1700608, 11053952, 39404560, 95131608, 167671320, 223424088, 228766932, 180772830, 109621386, 50176430, 16798606, 3886154, 555750, 37050	
4, 6, 14	$\frac{163}{296524800}(x-14)(x-6)(x-4)(x^{10}-\frac{211466}{3423}x^9+\frac{266667}{163}x^8-\frac{3942070}{163}x^7+\frac{248505255}{1141}x^6-\frac{199414382}{163}x^5+\frac{687444881}{163}x^4-\frac{28870732258}{3423}x^3+\frac{1423561920}{163}x^2-\frac{569588640}{163}x+\frac{49420800}{1141})$	64974, 389844, 1377978, 3316320, 5750934, 7394100, 7136574, 5170632, 2777427, 1075086, 283969, 45874, 3423	
4, 6, 15	$\frac{151}{2421619200}(x-15)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^6-\frac{57817}{906}x^5+\frac{2310064}{1359}x^4-\frac{21931067}{906}x^3+\frac{264561823}{1359}x^2-\frac{126932760}{151}x+\frac{2081528848}{1359})$	108136, 702884, 2725216, 7256964, 14062140, 20449986, 22673454, 19259121, 12471795, 6061085, 2143537, 521483, 78117, 5436	
4, 7	$\frac{1}{80}(x-7)(x-4)(x-3)(x-2)(x-1)x$	84, 210, 252, 168, 60, 9	

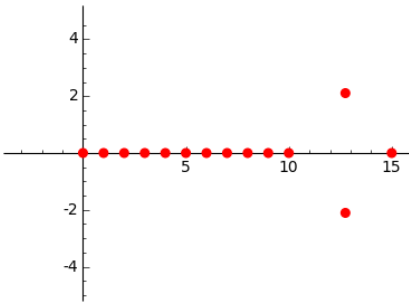
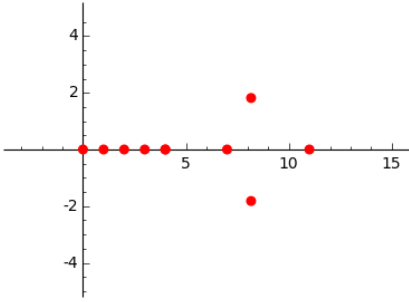
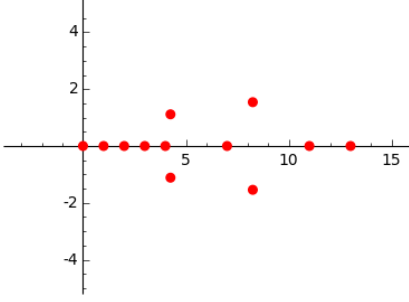
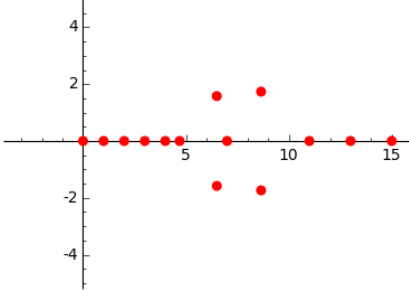
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 7, 9	$\frac{1}{480}(x-9)(x-7)(x-4)(x-3)(x-1)x(x-2)^2$	1512, 5292, 9288, 9990, 6900, 3006, 756, 84	
4, 7, 9, 11	$\frac{1}{2400}(x-11)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^2-8x+20)$	40392, 181764, 426624, 644952, 671208, 489756, 247632, 82992, 16632, 1512	
4, 7, 9, 11, 13	$\frac{17}{201600}(x-13)(x-11)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^3-16x^2+\frac{1532}{17}x-\frac{2880}{17})$	1489488, 8192184, 24104808, 47030256, 65515968, 67176648, 51124008, 28644744, 11512800, 3147552, 525096, 40392	
4, 7, 9, 11, 13, 15	$\frac{31}{1814400}(x-15)(x-13)(x-11)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^4-26x^3+\frac{7940}{31}x^2-\frac{34600}{31}x+\frac{56064}{31})$	72438912, 470852928, 1665788544, 3982454784, 6952900896, 9188716464, 9345002688, 7345251648, 4436266464, 2024674848, 676505280, 156315456, 22342320, 1489488	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 7, 9, 11, 14	$\frac{17}{403200}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	9189180, 55135080, 181945764, 404323920, 649806300, 779767560, 707566860, 485188704, 248107860, 91891800, 23326380, 3635280, 262548	
4, 7, 9, 11, 15	$\frac{13}{1036800}(x-15)(x-11)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^5 - \frac{3855}{91}x^4 + \frac{9076}{13}x^3 - \frac{72444}{13}x^2 + \frac{1962592}{91}x - \frac{421248}{13})$	37293984, 242410896, 887320224, 2213741376, 4032422352, 5542620048, 5839920576, 4737311712, 2942510256, 1376849376, 470395200, 110876832, 16133832, 1093092	
4, 7, 9, 12	$\frac{1}{4800}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	216216, 1081080, 2918916, 5189184, 6486480, 5837832, 3783780, 1729728, 530712, 98280, 8316	
4, 7, 9, 12, 14	$\frac{1}{28800}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	9081072, 54486432, 176864688, 384864480, 605404800, 711783072, 633748752, 427085568, 214961040, 78472800, 19659024, 3027024, 216216	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 7, 9, 12, 15	$\frac{1}{57600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	60540480, 393513120, 1416647232, 3462915456, 6183777600, 8348099760, 8657288640, 6925830912, 4249941696, 1967565600, 665945280, 155675520, 22486464, 1513512	
4, 7, 9, 13	$\frac{1}{16128}(x-13)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{759}{25}x^3 + \frac{8412}{25}x^2 - \frac{39908}{25}x + \frac{13824}{5})$	768768, 4228224, 12920544, 26430768, 38593296, 41330520, 32708208, 18974892, 7865208, 2210004, 377784, 29700	
4, 7, 9, 13, 15	$\frac{1}{113400}(x-15)(x-13)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^5 - 37x^4 + \frac{8607}{16}x^3 - 3836x^2 + \frac{53777}{4}x - 18528)$	36429120, 236789280, 840617568, 2018714544, 3539758752, 4695578424, 4789975680, 3773853216, 2283284304, 1043377776, 348915072, 80661240, 11531520, 768768	
4, 7, 9, 14	$\frac{11}{806400}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{259}{11}x + \frac{1574}{11})$	2216214, 13297284, 45351306, 104864760, 175096350, 217466964, 203395374, 143213616, 74951730, 28331100, 7322238, 1159488, 84942	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 7, 9, 15	$\frac{1}{414720}(x-15)(x-9)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^6 - \frac{1948}{35}x^5 + \frac{44381}{35}x^4 - 15080x^3 + \frac{688780}{7}x^2 - \frac{11649952}{35}x + \frac{2278272}{5})$	5569200, 36199800, 136231200, 351073800, 659461824, 931821408, 1006089840, 833935536, 527977800, 251283312, 87163824, 20827620, 3068208, 210210	
4, 7, 10	$\frac{1}{960}(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	6930, 27720, 58212, 77616, 69300, 41580, 16170, 3696, 378	
4, 7, 10, 12	$\frac{1}{5760}(x-12)(x-10)(x-7)(x-6)(x-4)(x-3)(x-2)(x-1)x(x-5)^2$	216216, 1081080, 2864862, 4972968, 6066060, 5333328, 3382470, 1515696, 456624, 83160, 6930	
4, 7, 10, 12, 14	$\frac{1}{28800}(x-14)(x-12)(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - 14x + 53)$	9189180, 55135080, 178678500, 387987600, 609066276, 714825384, 635555676, 427840224, 215172468, 78508584, 19661796, 3027024, 216216	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 7, 10, 12, 15	$\frac{1}{57600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	60540480, 393513120, 1416647232, 3462915456, 6183777600, 8348099760, 8657288640, 6925830912, 4249941696, 1967565600, 665945280, 155675520, 22486464, 1513512	
4, 7, 10, 13	$\frac{1}{11520}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1261260, 6936930, 20810790, 41621580, 59459400, 62432370, 48558510, 27747720, 11351340, 3153150, 533610, 41580	
4, 7, 10, 13, 15	$\frac{1}{69120}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	60540480, 393513120, 1394593200, 3341618280, 5846841000, 7741613880, 7885397520, 6205399200, 3751181280, 1713096000, 572639760, 132349140, 18918900, 1261260	
4, 7, 10, 14	$\frac{1}{38400}(x-14)(x-10)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2(x^2 - \frac{67}{3}x + 128)$	4864860, 29189160, 97957860, 222222000, 364385112, 445289208, 410599812, 285538848, 147818916, 55340208, 14181552, 2228688, 162162	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 7, 10, 15	$\frac{1}{172800}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{51}{2}x + 167)$	15135120, 98378280, 365188824, 926377452, 1714412700, 2390267880, 2550267720, 2091673584, 1311865632, 619126200, 213139080, 50582070, 7405398, 504504	
4, 7, 11	$\frac{1}{3200}(x-11)(x-7)(x-3)(x-2)(x-1)x(x-4)^2(x^2 - \frac{49}{3}x + 70)$	21384, 96228, 235752, 376068, 412836, 316452, 167244, 58296, 12096, 1134	
4, 7, 11, 13	$\frac{1}{22400}(x-13)(x-11)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^4 - 25x^3 + 230x^2 - \frac{2752}{3}x + 1360)$	768768, 4228224, 12488112, 24484824, 34268976, 35276472, 26929344, 15122316, 6087096, 1665684, 277992, 21384	
4, 7, 11, 13, 15	$\frac{1}{113400}(x-15)(x-13)(x-11)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^5 - 35x^4 + \frac{3919}{8}x^3 - \frac{13675}{4}x^2 + 11874x - 16362)$	37293984, 242410896, 857914848, 2052011808, 3584181312, 4738507128, 4820499936, 3789759456, 2289217392, 1044882216, 349147920, 80677872, 11531520, 768768	

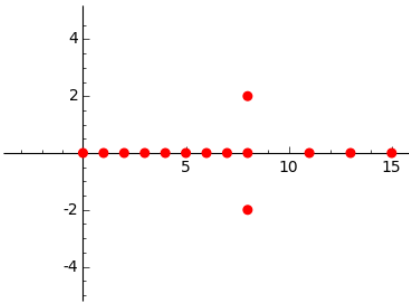
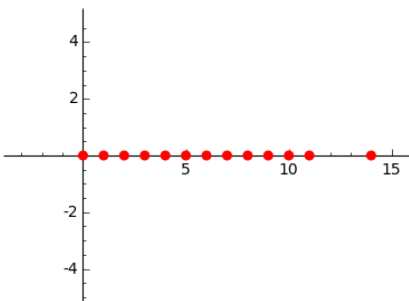
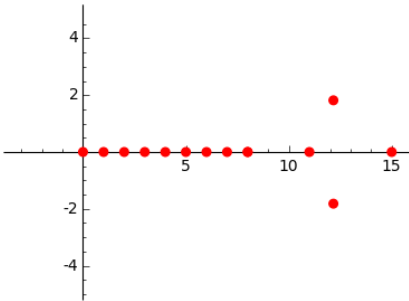
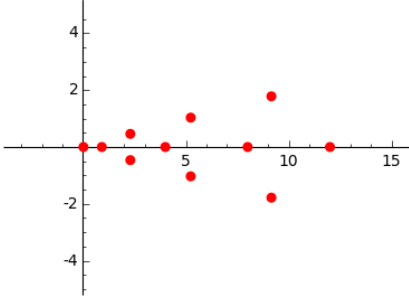
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 7, 11, 14	$\frac{1}{44800}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	4864860, 29189160, 96324228, 214053840, 344015100, 412818120, 374594220, 256864608, 131351220, 48648600, 12349260, 1924560, 138996	
4, 7, 11, 15	$\frac{7}{1036800}(x-15)(x-11)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^6 - \frac{2514}{49}x^5 + \frac{52789}{49}x^4 - \frac{82776}{7}x^3 + \frac{3502036}{49}x^2 - \frac{11041392}{49}x + \frac{2026944}{7})$	20271888, 131767272, 481744368, 1200154032, 2183194944, 2997381996, 3155149872, 2557440144, 1587496680, 742422492, 253533720, 59738184, 8689824, 588588	
4, 7, 12	$\frac{1}{14400}(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{39}{2}x + \frac{199}{2})$	54054, 270270, 756756, 1405404, 1831830, 1711710, 1146600, 539448, 169722, 32130, 2772	
4, 7, 12, 14	$\frac{1}{115200}(x-14)(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 24x^2 + 187x - 452)$	2216214, 13297284, 43309266, 94654560, 149520462, 176424612, 157533726, 106394064, 53634546, 19600308, 4913370, 756756, 54054	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 7, 12, 15	$\frac{1}{230400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	15135120, 98378280, 354161808, 865728864, 1545944400, 2087024940, 2164322160, 1731457728, 1062485424, 491891400, 166486320, 38918880, 5621616, 378378	
4, 7, 13	$\frac{1}{80640}(x-13)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^5 - \frac{208}{5}x^4 + \frac{3421}{5}x^3 - \frac{27662}{5}x^2 + \frac{109464}{5}x - 33552)$	120120, 660660, 2080260, 4406220, 6649272, 7334712, 5958732, 3537930, 1496988, 428418, 74448, 5940	
4, 7, 13, 15	$\frac{1}{725760}(x-15)(x-13)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^6 - 46x^5 + 867x^4 - \frac{42706}{5}x^3 + \frac{231352}{5}x^2 - \frac{652224}{5}x + \frac{749088}{5})$	5569200, 36199800, 128879856, 310641408, 546645744, 727391988, 743909040, 587279952, 355863816, 162797292, 54481944, 12600720, 1801800, 120120	
4, 7, 14	$\frac{1}{537600}(x-14)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{128}{3}x^3 + \frac{2065}{3}x^2 - \frac{14948}{3}x + 13744)$	243243, 1459458, 5102097, 12132120, 20799519, 26459394, 25287087, 18154248, 9669177, 3713346, 973665, 156222, 11583	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 7, 15	$\frac{1}{4147200}(x-15)(x-7)(x-4)(x-3)(x-2)(x-1)x(x^7 - \frac{467}{7}x^6 + \frac{13225}{7}x^5 - \frac{205721}{7}x^4 + \frac{1894888}{7}x^3 - \frac{10311068}{7}x^2 + \frac{30603120}{7}x - 5432832)$	458640, 2981160, 11451888, 30192624, 57950928, 83523636, 91828800, 77386680, 49743540, 24006654, 8434668, 2039400, 303732, 21021	
4, 8	$\frac{19}{5040}(x-8)(x-4)(x^5 - \frac{234}{19}x^4 + \frac{980}{19}x^3 - \frac{1332}{19}x^2 + \frac{417}{19}x + \frac{630}{19})$	196, 588, 908, 836, 463, 143, 19	
4, 8, 10	$\frac{7}{12960}(x-10)(x-8)(x-4)(x^6 - 14x^5 + \frac{3530}{49}x^4 - \frac{8020}{49}x^3 + \frac{9225}{49}x^2 - \frac{4446}{49}x + \frac{324}{7})$	4260, 17040, 35074, 45582, 39624, 23158, 8782, 1960, 196	
4, 8, 10, 12	$\frac{71}{665280}(x-12)(x-10)(x-8)(x-4)(x^7 - 21x^6 + \frac{38314}{213}x^5 - \frac{168218}{213}x^4 + \frac{392501}{213}x^3 - \frac{444649}{213}x^2 + \frac{61892}{71}x + \frac{2772}{71})$	134332, 671660, 1776976, 3077944, 3746796, 3288556, 2082904, 932496, 280768, 51120, 4260	

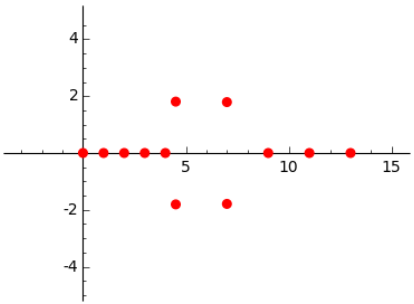
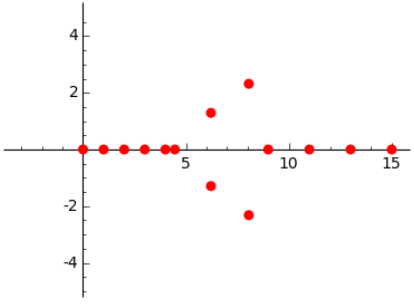
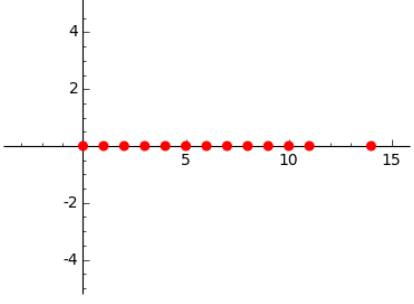
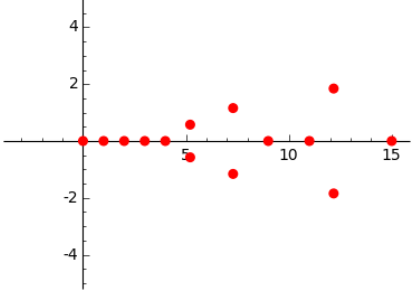
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 8, 10, 12, 14	$\frac{3053}{141523200}(x-14)(x-12)(x-10)(x-8)(x-4)(x^8-30x^7+\frac{177425}{473}x^6-\frac{1179066}{473}x^5+\frac{314366293}{33583}x^4-\frac{655864686}{33583}x^3+\frac{692052501}{33583}x^2-\frac{278468730}{33583}x+\frac{84240}{3053})$	5714956, 34289736, 111107012, 241212480, 378585372, 444253704, 394941668, 265842360, 133691796, 48777568, 12215692, 1880648, 134332	
4, 8, 10, 12, 15	$\frac{3053}{283046400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	37612960, 244484240, 880143264, 2151461312, 3841895200, 5186558520, 5378653280, 4302922624, 2640429792, 1222421200, 413742560, 96719040, 13970528, 940324	
4, 8, 10, 13	$\frac{71}{1330560}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	775320, 4264260, 12792780, 25585560, 36550800, 38378340, 29849820, 17057040, 6977880, 1938300, 328020, 25560	
4, 8, 10, 13, 15	$\frac{71}{7983360}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	37215360, 241899840, 857282400, 2054154960, 3594162000, 4758914160, 4847300640, 3814574400, 2305920960, 1053072000, 352012320, 81357480, 11629800, 775320	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 8, 10, 14	$\frac{49487}{3113510400}(x-14)(x-10)(x-8)(x-4)(x^9 - \frac{31614}{697}x^8 + \frac{594145}{697}x^7 - \frac{5995674}{697}x^6 + \frac{2505529205}{49487}x^5 - \frac{122953458}{697}x^4 + \frac{17376594117}{49487}x^3 - \frac{1046312154}{2911}x^2 + \frac{7019600400}{49487}x + \frac{11119680}{49487})$	2957422, 17744532, 59581514, 135249360, 221903814, 271308948, 250276466, 174105540, 90156402, 33760216, 8653054, 1360076, 98974	
4, 8, 10, 15	$\frac{21797}{6227020800}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{7841}{307}x + \frac{51444}{307})$	9105040, 59182760, 219836448, 558090104, 1033575400, 1441929060, 1539268640, 1263047968, 792472464, 374127400, 128833760, 30582540, 4478396, 305158	
4, 8, 11	$\frac{7}{25920}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	21560, 97020, 232848, 362208, 388080, 291060, 150920, 51744, 10584, 980	
4, 8, 11, 13	$\frac{7}{155520}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	784784, 4316312, 12724712, 24888864, 34754720, 35707672, 27217736, 15267616, 6141072, 1679720, 280280, 21560	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 8, 11, 13, 15	$\frac{7}{777600}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-16x+68)$	38118080, 247767520, 876715840, 2096494400, 3661068320, 4839263520, 4922296960, 3869384960, 2337144768, 1066706480, 356429920, 82359200, 11771760, 784784	
4, 8, 11, 14	$\frac{7}{311040}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	4904900, 29429400, 97117020, 215815600, 346846500, 416215800, 377677300, 258978720, 132432300, 49049000, 12450900, 1940400, 140140	
4, 8, 11, 15	$\frac{7}{1036800}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2-\frac{73}{3}x+\frac{454}{3})$	20180160, 131171040, 479839360, 1196235040, 2177469840, 2991173640, 3150057120, 2554272000, 1586019456, 741920760, 253416240, 59721200, 8688680, 588588	
4, 8, 12	$\frac{163}{1995840}(x-12)(x-8)(x-4)(x^8-\frac{5592}{163}x^7+\frac{77597}{163}x^6-\frac{557076}{163}x^5+\frac{2209865}{163}x^4-\frac{4783632}{163}x^3+31801x^2-\frac{2131908}{163}x+\frac{41580}{163})$	72974, 364870, 1003402, 1824388, 2330802, 2139502, 1410998, 654872, 203596, 38140, 3260	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 8, 12, 14	$\frac{3317}{283046400}(x-14)(x-12)(x-8)(x-4)(x^9 - 40x^8 + \frac{24485035}{36487}x^7 - \frac{223627444}{36487}x^6 + \frac{1208384377}{36487}x^5 - \frac{3922186384}{36487}x^4 + \frac{7381808529}{36487}x^3 - \frac{724955780}{36487}x^2 + \frac{2776542660}{36487}x + \frac{842400}{3317})$	3028402, 18170412, 59081014, 128842960, 203099314, 239214028, 213292246, 143893540, 72480702, 26473216, 6634114, 1021636, 72974	
4, 8, 12, 15	$\frac{3317}{566092800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	20432720, 132812680, 478125648, 1168751584, 2087056400, 2817526140, 2921878960, 2337503168, 1434376944, 664063400, 224759920, 52541280, 7589296, 510818	
4, 8, 13	$\frac{439}{23950080}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{9419}{439}x + \frac{52446}{439})$	200928, 1105104, 3427424, 7135128, 10593440, 11515504, 9233952, 5419232, 2269344, 643440, 110880, 8780	
4, 8, 13, 15	$\frac{23}{9979200}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 27x^2 + \frac{32857}{138}x - \frac{45907}{69})$	9420320, 61232080, 217684480, 523711760, 919927840, 1222166400, 1248288160, 984441920, 596052576, 272518760, 91165360, 21079880, 3013920, 200928	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 8, 14	$\frac{2287}{691891200}(x-14)(x-8)(x-4)(x^{10} - \frac{1184456}{20583}x^9 + \frac{29053355}{20583}x^8 - \frac{395786276}{20583}x^7 + \frac{3273738425}{20583}x^6 - \frac{16891318112}{20583}x^5 + \frac{53768944913}{20583}x^4 - \frac{33498009244}{6861}x^3 + \frac{10952274820}{2287}x^2 - \frac{4208874720}{2287}x + \frac{12355200}{2287})$	483249, 2899494, 10009003, 23466320, 39698593, 49890886, 47157527, 33518590, 17690799, 6737892, 1753393, 279382, 20583	
4, 8, 15	$\frac{2077}{4151347200}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{96802}{2077}x^3 + \frac{5109517}{6231}x^2 - \frac{432878}{67}x + \frac{120393512}{6231})$	1053080, 6845020, 26017576, 67801448, 128709880, 183626430, 199999240, 167093696, 106553160, 51045920, 17812960, 4279820, 633672, 43617	
4, 9	$\frac{17}{20160}(x-9)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{229}{17}x + \frac{846}{17})$	384, 1344, 2538, 2985, 2250, 1062, 287, 34	
4, 9, 11	$\frac{1}{9450}(x-11)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^3 - 15x^2 + \frac{1121}{16}x - \frac{645}{8})$	9900, 44550, 105204, 160314, 168086, 123380, 62650, 21052, 4224, 384	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 9, 11, 13	$\frac{1}{48384}(x-13)(x-11)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^4-23x^3+\frac{5044}{25}x^2-\frac{19988}{25}x+\frac{6144}{5})$	363792, 2000856, 5890664, 11501568, 16033408, 16448936, 12523344, 7018732, 2821416, 771432, 128700, 9900	
4, 9, 11, 13, 15	$\frac{53}{12700800}(x-15)(x-13)(x-11)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^5-33x^4+\frac{23219}{53}x^3-\frac{154164}{53}x^2+\frac{509972}{53}x-\frac{669312}{53})$	17685824, 114957856, 406721664, 972432736, 1697869712, 2243972808, 2282237072, 1793912968, 1083481416, 494498616, 165228360, 38178360, 5456880, 363792	
4, 9, 11, 14	$\frac{1}{96768}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2252250, 13513500, 44594550, 99099000, 159266250, 191119500, 173423250, 118918800, 60810750, 22522500, 5717250, 891000, 64350	
4, 9, 11, 15	$\frac{313}{101606400}(x-15)(x-11)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^6-\frac{15448}{313}x^5+\frac{311251}{313}x^4-\frac{3272656}{313}x^3+\frac{18950884}{313}x^2-\frac{57366208}{313}x+\frac{71035776}{313})$	9175088, 59638072, 218260368, 544413232, 991475144, 1362567096, 1435455464, 1164302716, 723122892, 338335692, 115583820, 27242820, 3963960, 268554	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 9, 12	$\frac{1}{18900}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	54912, 274560, 741312, 1317888, 1647360, 1482624, 960960, 439296, 134784, 24960, 2112	
4, 9, 12, 14	$\frac{1}{113400}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	2306304, 13837824, 44918016, 97743360, 153753600, 180770304, 160952064, 108466176, 54593280, 19929600, 4992768, 768768, 54912	
4, 9, 12, 15	$\frac{1}{226800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	15375360, 99939840, 359783424, 879470592, 1570483200, 2120152320, 2198676480, 1758941184, 1079350272, 499699200, 169128960, 39536640, 5710848, 384384	
4, 9, 13	$\frac{13}{806400}(x-13)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^5 - \frac{1454}{39}x^4 + \frac{21335}{39}x^3 - \frac{153392}{39}x^2 + \frac{179724}{13}x - \frac{245760}{13})$	202488, 1113684, 3397004, 6933888, 10104256, 10802540, 8537112, 4947082, 2048748, 575244, 98274, 7722	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 9, 13, 15	$\frac{59}{25401600}(x-15)(x-13)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^6 - 44x^5 + \frac{47030}{59}x^4 - \frac{448795}{59}x^3 + \frac{2380400}{59}x^2 - \frac{6659236}{59}x + \frac{7690368}{59})$	9607520, 62448880, 221658048, 532181584, 932959544, 1237362588, 1262050232, 994212796, 601476444, 274837092, 91904604, 21245796, 3037320, 202488	
4, 9, 14	$\frac{53}{14515200}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{1241}{53}x + \frac{7494}{53})$	603603, 3621618, 12324741, 28425540, 47350875, 58688058, 54794103, 38523576, 20135745, 7602750, 1963071, 310596, 22737	
4, 9, 15	$\frac{1}{1505280}(x-15)(x-9)(x-4)(x-3)(x-2)(x-1)x(x^7 - \frac{8437}{135}x^6 + \frac{222629}{135}x^5 - \frac{3209311}{135}x^4 + \frac{5451580}{27}x^3 - \frac{136236148}{135}x^2 + \frac{370627136}{135}x - \frac{140943488}{45})$	1562600, 10156900, 38143800, 98065000, 183798428, 259194276, 279364364, 231205186, 146180250, 69488154, 24077658, 5747742, 845988, 57915	
4, 10	$\frac{11}{72576}(x-10)(x-4)(x^7 - \frac{1516}{55}x^6 + \frac{16542}{55}x^5 - \frac{89048}{55}x^4 + \frac{48523}{55}x^3 - \frac{295164}{55}x^2 + \frac{117108}{55}x + \frac{36288}{55})$	675, 2700, 6025, 8625, 8238, 5251, 2154, 516, 55	

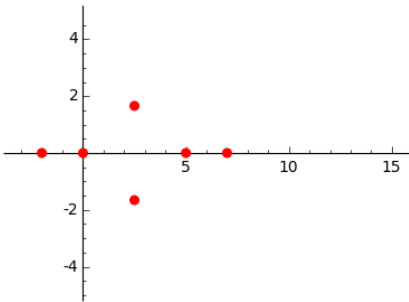
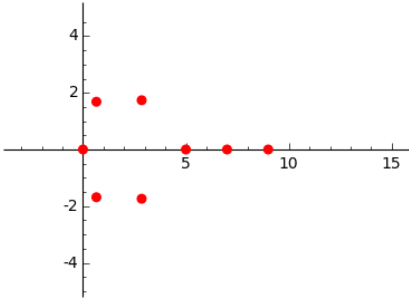
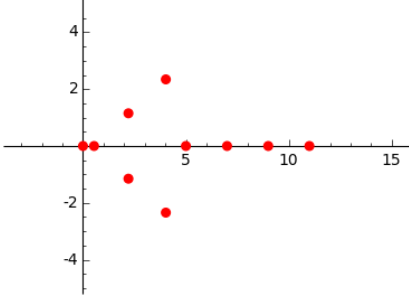
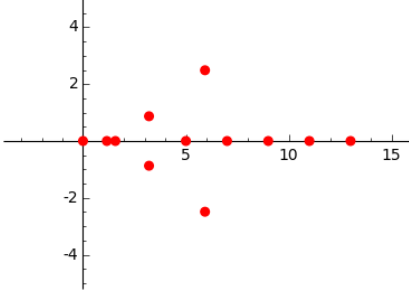
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 10, 12	$\frac{1}{59136}(x-12)(x-10)(x-4)(x^8 - 29x^7 + \frac{9182}{27}x^6 - \frac{276886}{135}x^5 + \frac{60889}{9}x^4 - \frac{1625483}{135}x^3 + \frac{1501484}{135}x^2 - \frac{193372}{45}x + \frac{4928}{5})$	20350, 101750, 271099, 473896, 581912, 514450, 327643, 147248, 44440, 8100, 675	
4, 10, 12, 14	$\frac{37}{11321856}(x-14)(x-12)(x-10)(x-4)(x^9 - 38x^8 + \frac{250163}{407}x^7 - \frac{2233114}{407}x^6 + \frac{11933597}{407}x^5 - \frac{193304774}{2035}x^4 + \frac{365378709}{2035}x^3 - \frac{360640806}{2035}x^2 + \frac{138696552}{2035}x + \frac{134784}{185})$	861952, 5171712, 16768744, 36436360, 57234140, 67207232, 59777892, 40252244, 20247720, 7388500, 1850500, 284900, 20350	
4, 10, 12, 15	$\frac{37}{22643712}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	5698000, 37037000, 133333200, 325925600, 582010000, 785713500, 814814000, 651851200, 399999600, 185185000, 62678000, 14652000, 2116400, 142450	
4, 10, 13	$\frac{1}{118272}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	122850, 675675, 2027025, 4054050, 5791500, 6081075, 4729725, 2702700, 1105650, 307125, 51975, 4050	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 10, 13, 15	$\frac{1}{709632}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	5896800, 38329200, 135837000, 325482300, 569497500, 754053300, 768058200, 604422000, 365374800, 166860000, 55776600, 12891150, 1842750, 122850	
4, 10, 14	$\frac{323}{124540416}(x-14)(x-10)(x-4)(x^{10} - \frac{17203}{323}x^9 + \frac{391283}{323}x^8 - \frac{4959853}{323}x^7 + \frac{38367875}{323}x^6 - \frac{931898513}{1615}x^5 + \frac{148174371}{85}x^4 - \frac{5039179503}{1615}x^3 + \frac{251612622}{85}x^2 - \frac{359117280}{323}x + \frac{8895744}{1615})$	490399, 2942394, 9858853, 22322320, 36537305, 44581634, 41056929, 28522478, 14753265, 5519500, 1413625, 222050, 16150	
4, 10, 15	$\frac{295}{498161664}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)(x^2 - \frac{7487}{295}x + \frac{48768}{295})$	1573600, 10228400, 37896300, 95917250, 177141250, 246524850, 262616900, 215105800, 134757000, 63535000, 21853700, 5182425, 758225, 51625	
4, 11	$\frac{83}{3628800}(x-11)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{2542}{83}x^3 + \frac{29653}{83}x^2 - \frac{156602}{83}x + \frac{322680}{83})$	1100, 4950, 12738, 21483, 24857, 19985, 11025, 3994, 858, 83	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 11, 13	$\frac{1}{435456}(x-13)(x-11)(x-4)(x-3)(x-2)(x-1)x(x^5 - 32x^4 + \frac{9977}{25}x^3 - \frac{59422}{25}x^2 + \frac{162696}{25}x - \frac{28368}{5})$	38324, 210782, 625378, 1233336, 1735896, 1795542, 1375958, 774914, 312552, 85634, 14300, 1100	
4, 11, 13, 15	$\frac{67}{152409600}(x-15)(x-13)(x-11)(x-4)(x-3)(x-2)(x-1)x(x^6 - 42x^5 + \frac{49215}{67}x^4 - \frac{458440}{67}x^3 + \frac{2399852}{67}x^2 - \frac{6702320}{67}x + \frac{7839552}{67})$	1853488, 12047672, 42656368, 102085632, 178405744, 235970196, 240138264, 188840316, 114090732, 52081592, 17404420, 4021820, 574860, 38324	
4, 11, 14	$\frac{1}{870912}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	250250, 1501500, 4954950, 11011000, 17696250, 21235500, 19269250, 13213200, 6756750, 2502500, 635250, 99000, 7150	
4, 11, 15	$\frac{1}{2822400}(x-15)(x-11)(x-4)(x-3)(x-2)(x-1)x(x^7 - \frac{3145}{54}x^6 + \frac{38707}{27}x^5 - \frac{1042945}{54}x^4 + \frac{4149907}{27}x^3 - \frac{19493876}{27}x^2 + \frac{49999072}{27}x - \frac{17967152}{9})$	1075256, 6989164, 25518616, 63471584, 115287128, 158076402, 166216868, 134608642, 83495034, 39024204, 13319790, 3137090, 456170, 30888	

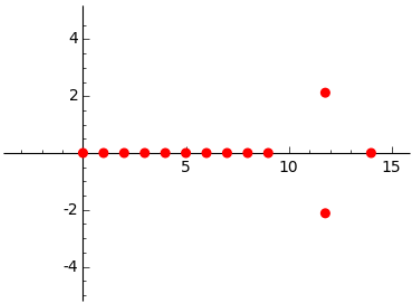
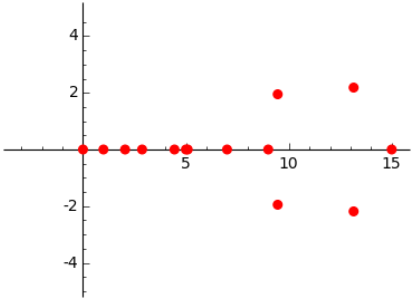
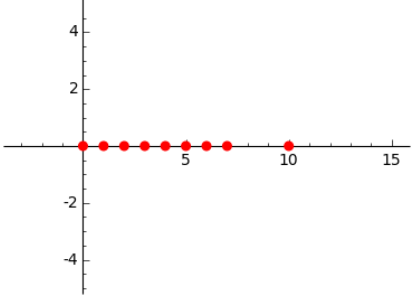
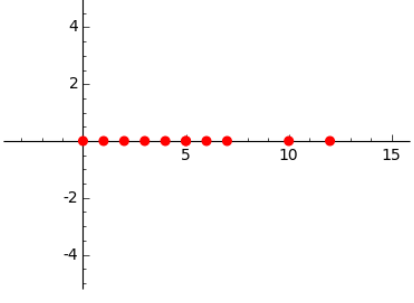
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 12	$\frac{17}{5702400}(x-12)(x-4)(x^9 - \frac{5554}{119}x^8 + \frac{109639}{119}x^7 - \frac{1184804}{119}x^6 + \frac{7579561}{119}x^5 - \frac{28909586}{119}x^4 + \frac{3690733}{7}x^3 - \frac{9688168}{17}x^2 + \frac{1563420}{7}x + \frac{475200}{17})$	1694, 8470, 24682, 47908, 65114, 63238, 43886, 21328, 6913, 1345, 119	
4, 12, 14	$\frac{11}{40435200}(x-14)(x-12)(x-4)(x^{10} - 48x^9 + \frac{118953}{121}x^8 - \frac{9465996}{847}x^7 + \frac{65150397}{847}x^6 - \frac{25269504}{77}x^5 + \frac{65915719}{77}x^4 - \frac{1101515004}{847}x^3 + \frac{894831816}{847}x^2 - \frac{43562520}{121}x + \frac{3369600}{77})$	67522, 405132, 1324470, 2908640, 4616130, 5469132, 4900172, 3318390, 1676250, 613450, 153916, 23716, 1694	
4, 12, 15	$\frac{11}{80870400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	474320, 3083080, 11099088, 27131104, 48448400, 65405340, 67827760, 54262208, 33297264, 15415400, 5217520, 1219680, 176176, 11858	
4, 13	$\frac{41}{119750400}(x-13)(x-4)(x-3)(x-2)(x-1)x(x^6 - \frac{2120}{41}x^5 + \frac{45774}{41}x^4 - \frac{528808}{41}x^3 + \frac{3457675}{41}x^2 - \frac{12199782}{41}x + \frac{18407880}{41})$	2496, 13728, 44668, 98046, 153072, 174300, 145854, 89019, 38646, 11328, 2013, 164	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
4, 13, 15	$\frac{1}{34927200}(x-15)(x-13)(x-4)(x-3)(x-2)(x-1)x(x^7-53x^6+\frac{14197}{12}x^5-\frac{172045}{12}x^4+\frac{404045}{4}x^3-\frac{4888463}{12}x^2+\frac{5049553}{6}x-614698)$	112840, 733460, 2619376, 6338508, 11197428, 14951706, 15336684, 12137202, 7368858, 3376004, 1130998, 261752, 37440, 2496	
4, 14	$\frac{73}{2075673600}(x-14)(x-4)(x^{11}-\frac{15272}{219}x^{10}+\frac{155713}{73}x^9-\frac{2739148}{73}x^8+\frac{30522867}{73}x^7-\frac{223541240}{73}x^6+\frac{1079241587}{73}x^5-\frac{10035569476}{219}x^4+\frac{6246753200}{73}x^3-\frac{6140852376}{73}x^2+\frac{2313836640}{73}x+\frac{148262400}{73})$	3549, 21294, 76503, 187320, 330285, 431454, 422784, 310773, 169245, 66375, 17752, 2902, 219	
4, 15	$\frac{19}{5811886080}(x-15)(x-4)(x-3)(x-2)(x-1)x(x^8-\frac{7292}{95}x^7+\frac{732706}{285}x^6-\frac{13992536}{285}x^5+\frac{166797997}{285}x^4-\frac{1272934724}{285}x^3+\frac{6090194884}{285}x^2-\frac{16783264544}{285}x+\frac{6874455616}{95})$	4900, 31850, 125200, 338250, 664686, 979737, 1100418, 946407, 620235, 304898, 109021, 26804, 4056, 285	
5	$\frac{1}{24}(x-5)x(x^2-5x+10)$	4, 6, 4, 1	

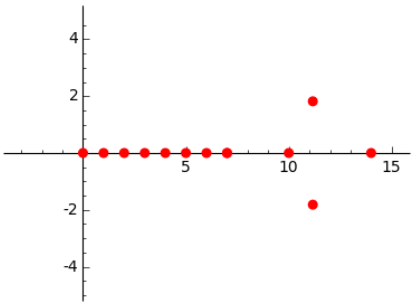
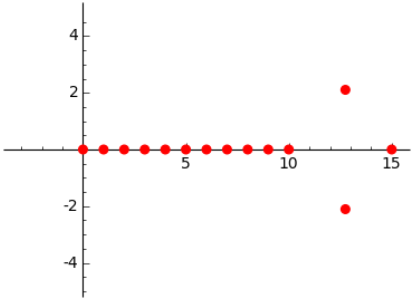
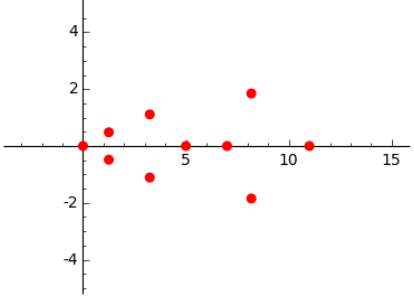
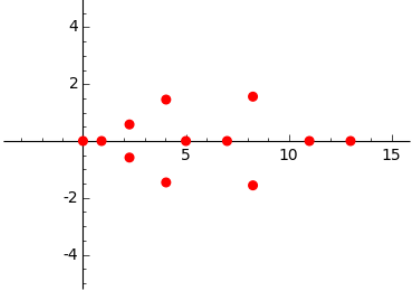
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 7	$\frac{1}{180}(x-7)(x-5)x(x+2)(x^2-5x+9)$	44, 110, 128, 82, 28, 4	
5, 7, 9	$\frac{11}{10080}(x-9)(x-7)(x-5)x(x^4-7x^3+\frac{240}{11}x^2-\frac{364}{11}x+\frac{400}{11})$	800, 2800, 4904, 5260, 3624, 1576, 396, 44	
5, 7, 9, 11	$\frac{1}{4536}(x-11)(x-9)(x-7)(x-5)x(x^5-13x^4+\frac{701}{10}x^3-\frac{898}{5}x^2+\frac{1062}{5}x-72)$	21392, 96264, 225904, 341432, 355256, 259176, 131032, 43912, 8800, 800	
5, 7, 9, 11, 13	$\frac{191}{4276800}(x-13)(x-11)(x-9)(x-7)(x-5)x(x^6-21x^5+\frac{240830}{1337}x^4-780x^3+\frac{2369048}{1337}x^2-\frac{2631168}{1337}x+\frac{1111680}{1337})$	788928, 4339104, 12767232, 24909264, 34699392, 35578368, 27076192, 15170656, 6097312, 1666976, 278096, 21392	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 7, 9, 11, 13, 15	$\frac{587}{64864800}(x-15)(x-13)(x-11)(x-9)(x-7)(x-5)x(x^7-31x^6+\frac{697585}{1761}x^5-\frac{1559530}{587}x^4+\frac{17565004}{1761}x^3-\frac{12156008}{587}x^2+\frac{38222080}{1761}x-\frac{5088640}{587})$	38368704, 249396576, 882316416, 2109377952, 3682720000, 4866948864, 4949722048, 3890520128, 2349732064, 1072397600, 358320480, 82794656, 11833920, 788928	
5, 7, 9, 11, 14	$\frac{191}{8553600}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	4866680, 29200080, 96360264, 214133920, 344143800, 412972560, 374734360, 256960704, 131400360, 48666800, 12353880, 1925280, 139048	
5, 7, 9, 11, 15	$\frac{10337}{1556755200}(x-15)(x-11)(x-9)(x-7)(x-5)x(x^8-\frac{489590}{10337}x^7+\frac{9509779}{10337}x^6-\frac{98068306}{10337}x^5+\frac{583382428}{10337}x^4-\frac{2034982840}{10337}x^3+\frac{4031065376}{10337}x^2-\frac{4098422144}{10337}x+\frac{1608921600}{10337})$	19749088, 128369072, 469884288, 1172303792, 2135412800, 2935168848, 3092620896, 2508725472, 1558261456, 729138000, 249107600, 58717232, 8544032, 578872	
5, 7, 9, 12	$\frac{1}{9072}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	114400, 572000, 1544400, 2745600, 3432000, 3088800, 2002000, 915200, 280800, 52000, 4400	

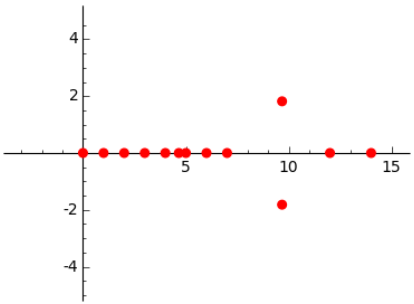
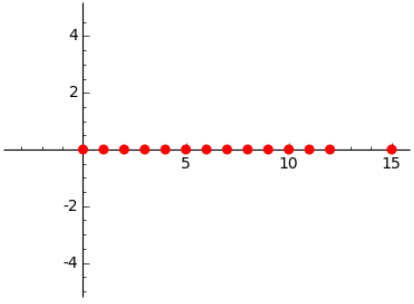
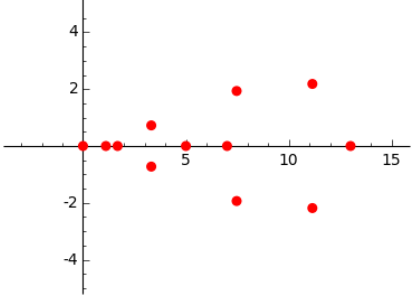
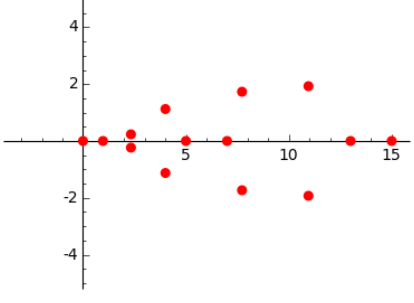
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 7, 9, 12, 14	$\frac{1}{54432}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	4804800, 28828800, 93579200, 203632000, 320320000, 376604800, 335316800, 225971200, 113736000, 41520000, 10401600, 1601600, 114400	
5, 7, 9, 12, 15	$\frac{1}{108864}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	32032000, 208208000, 749548800, 1832230400, 3271840000, 4416984000, 4580576000, 3664460800, 2248646400, 1041040000, 352352000, 82368000, 11897600, 800800	
5, 7, 9, 13	$\frac{1963}{59875200}(x-13)(x-9)(x-7)(x-5)x(x^7 - \frac{69416}{1963}x^6 + \frac{978223}{1963}x^5 - \frac{7033010}{1963}x^4 + \frac{27752692}{1963}x^3 - \frac{4590008}{151}x^2 + \frac{64035072}{1963}x - \frac{25787520}{1963})$	406336, 2234848, 6829584, 13971768, 20402304, 21850416, 17292704, 10032272, 4158544, 1168512, 199752, 15704	
5, 7, 9, 13, 15	$\frac{907}{194594400}(x-15)(x-13)(x-9)(x-7)(x-5)x(x^8 - 42x^7 + \frac{1329539}{1814}x^6 - \frac{12508525}{1814}x^5 + \frac{34489903}{907}x^4 - \frac{113257766}{907}x^3 + \frac{214176828}{907}x^2 - \frac{210459200}{907}x + \frac{80773440}{907})$	19254048, 125151312, 444297792, 1066973424, 1870920000, 2481835968, 2531740576, 1994675936, 1206836368, 551481200, 184420560, 42633872, 6095040, 406336	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 7, 9, 14	$\frac{863}{119750400}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{20323}{863}x + \frac{123530}{863})$	1170260, 7021560, 23949068, 55381040, 92478100, 114863320, 107436420, 75650848, 39593820, 14966600, 3868260, 612560, 44876	
5, 7, 9, 15	$\frac{1321}{1037836800}(x-15)(x-9)(x-7)(x-5)x(x^9 - \frac{240403}{3963}x^8 + \frac{6168631}{3963}x^7 - \frac{29037875}{1321}x^6 + \frac{246440802}{1321}x^5 - \frac{1290879084}{1321}x^4 + \frac{4134072328}{1321}x^3 - \frac{23181122720}{3963}x^2 + \frac{22662290816}{3963}x - \frac{2886540800}{1321})$	2938256, 19098664, 71878656, 185247304, 347993600, 491744376, 530964752, 440130064, 278664472, 132631000, 46007800, 10993784, 1619584, 110964	
5, 7, 10	$\frac{11}{20160}(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	3630, 14520, 30492, 40656, 36300, 21780, 8470, 1936, 198	
5, 7, 10, 12	$\frac{11}{120960}(x-12)(x-10)(x-7)(x-6)(x-4)(x-3)(x-2)(x-1)x(x-5)^2$	113256, 566280, 1500642, 2604888, 3177460, 2793648, 1771770, 793936, 239184, 43560, 3630	

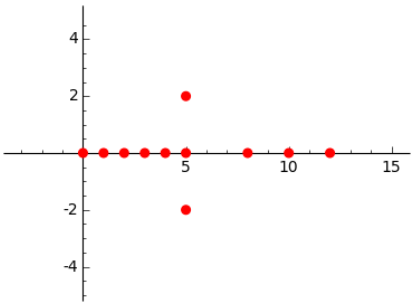
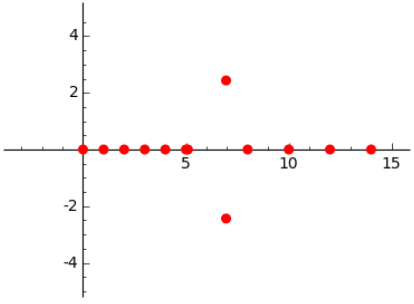
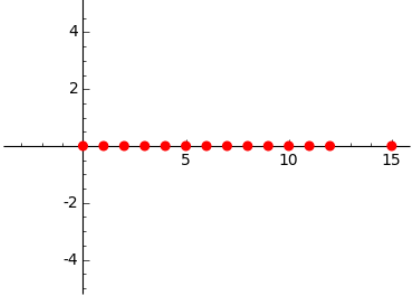
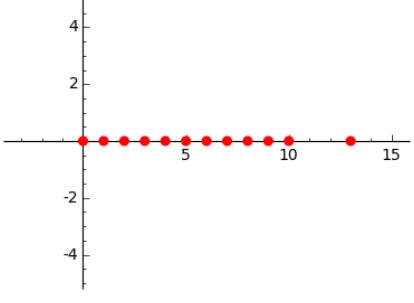
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 7, 10, 12, 14	$\frac{11}{604800}(x-14)(x-12)(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-14x+53)$	4813380, 28880280, 93593500, 203231600, 319034716, 374432344, 332910116, 224106784, 112709388, 41123544, 10299036, 1585584, 113256	
5, 7, 10, 12, 15	$\frac{11}{1209600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	31711680, 206125920, 742053312, 1813908096, 3239121600, 4372814160, 4534770240, 3627816192, 2226159936, 1030629600, 348828480, 81544320, 11778624, 792792	
5, 7, 10, 13	$\frac{11}{241920}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	660660, 3633630, 10900890, 21801780, 31145400, 32702670, 25435410, 14534520, 5945940, 1651650, 279510, 21780	
5, 7, 10, 13, 15	$\frac{11}{1451520}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	31711680, 206125920, 730501200, 1750371480, 3062631000, 4055131080, 4130446320, 3250447200, 1964904480, 897336000, 299954160, 69325740, 9909900, 660660	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 7, 10, 14	$\frac{11}{806400}(x-14)(x-10)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2(x^2 - \frac{67}{3}x + 128)$	2548260, 15289560, 51311260, 116402000, 190868392, 233246728, 215076092, 149567968, 77428956, 28987728, 7428432, 1167408, 84942	
5, 7, 10, 15	$\frac{11}{3628800}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{51}{2}x + 167)$	7927920, 51531480, 191289384, 485245332, 898025700, 1252045080, 1335854520, 1095638544, 687167712, 324304200, 111644280, 26495370, 3879018, 264264	
5, 7, 11	$\frac{59}{362880}(x-11)(x-7)(x-5)x(x^6 - \frac{1496}{59}x^5 + \frac{14593}{59}x^4 - \frac{68560}{59}x^3 + \frac{164844}{59}x^2 - \frac{191520}{59}x + \frac{88128}{59})$	11084, 49878, 122272, 195188, 214412, 164442, 86944, 30316, 6292, 590	
5, 7, 11, 13	$\frac{2771}{119750400}(x-13)(x-11)(x-7)(x-5)x(x^7 - 30x^6 + \frac{1011269}{2771}x^5 - \frac{6418650}{2771}x^4 + \frac{22903604}{2771}x^3 - \frac{45531000}{2771}x^2 + \frac{46073376}{2771}x - \frac{1036800}{163})$	398328, 2190804, 6470940, 12688200, 17759664, 18282852, 13957372, 7838080, 3155080, 863372, 144092, 11084	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 7, 11, 13, 15	$\frac{2371}{518918400}(x-15)(x-13)(x-11)(x-7)(x-5)x(x^8-40x^7+\frac{4800359}{7113}x^6-\frac{14743040}{2371}x^5+\frac{241063160}{7113}x^4-\frac{262328560}{2371}x^3+\frac{1484581616}{7113}x^2-\frac{485921600}{2371}x+\frac{186476544}{2371})$	19322688, 125597472, 444503712, 1063198224, 1857066160, 2455169328, 2497663456, 1963608416, 1186127152, 541392440, 180906720, 41802272, 5974920, 398328	
5, 7, 11, 14	$\frac{2771}{239500800}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2521610, 15129660, 49927878, 110950840, 178313850, 213976620, 194163970, 133141008, 68083470, 25216100, 6401010, 997560, 72046	
5, 7, 11, 15	$\frac{21797}{6227020800}(x-15)(x-11)(x-7)(x-5)x(x^9-\frac{1227287}{21797}x^8+\frac{29291317}{21797}x^7-\frac{386335261}{21797}x^6+\frac{3081814294}{21797}x^5-\frac{15301723060}{21797}x^4+\frac{46887546008}{21797}x^3-\frac{84640776224}{21797}x^2+\frac{80619419904}{21797}x-\frac{30273205248}{21797})$	10511536, 68324984, 249793536, 622289624, 1131982520, 1554111396, 1635890112, 1325973264, 823072600, 384922380, 131448320, 30971984, 4505324, 305158	
5, 7, 12	$\frac{13}{362880}(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-\frac{254}{13}x+\frac{1299}{13})$	27742, 138710, 388674, 722436, 942370, 881166, 590590, 277992, 87498, 16570, 1430	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 7, 12, 14	$\frac{97}{21772800}(x-14)(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-24x^2+\frac{18131}{97}x-\frac{43740}{97})$	1136850, 6821100, 22217910, 48562800, 76718642, 90529868, 80841082, 54600368, 27525606, 10059228, 2521662, 388388, 27742	
5, 7, 12, 15	$\frac{97}{43545600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	7767760, 50490440, 181765584, 444315872, 793421200, 1071118620, 1110789680, 888631744, 545296752, 252452200, 85445360, 19974240, 2885168, 194194	
5, 7, 13	$\frac{217}{34214400}(x-13)(x-7)(x-5)x(x^8-\frac{70859}{1519}x^7+\frac{1373311}{1519}x^6-\frac{14276321}{1519}x^5+\frac{86044906}{1519}x^4-\frac{304038836}{1519}x^3+\frac{609223464}{1519}x^2-\frac{625836384}{1519}x+\frac{250905600}{1519})$	61096, 336028, 1058820, 2244480, 3389568, 3741444, 3041324, 1806680, 764800, 218964, 38064, 3038	
5, 7, 13, 15	$\frac{1091}{1556755200}(x-15)(x-13)(x-7)(x-5)x(x^9-51x^8+\frac{1207628}{1091}x^7-\frac{14545393}{1091}x^6+\frac{106488785}{1091}x^5-\frac{488426770}{1091}x^4+\frac{1394852772}{1091}x^3-\frac{2371904872}{1091}x^2+\frac{2153430624}{1091}x-\frac{777959424}{1091})$	2831136, 18402384, 65521344, 157941168, 277957920, 369891216, 378313792, 298674992, 180989704, 82799780, 27710400, 6409004, 916440, 61096	

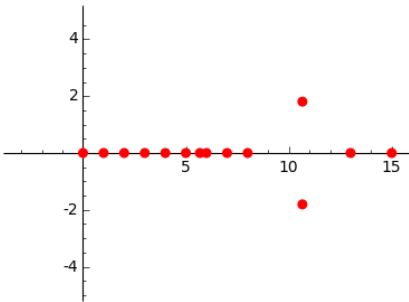
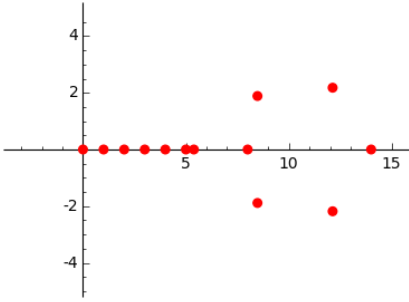
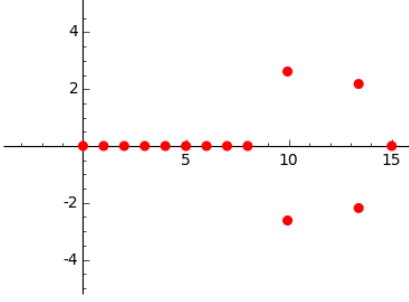
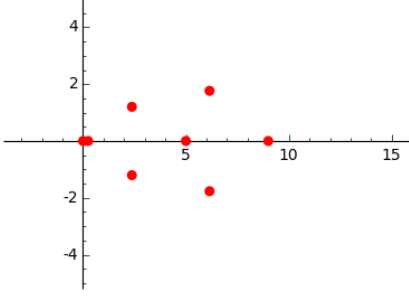
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 7, 14	$\frac{113}{119750400}(x-14)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{9655}{226}x^3 + \frac{78001}{113}x^2 - \frac{1131413}{226}x + \frac{1564200}{113})$	122720, 736320, 2575716, 6128980, 10514504, 13383656, 12797624, 9192272, 4898112, 1881836, 493614, 79226, 5876	
5, 7, 15	$\frac{1}{8236800}(x-15)(x-7)(x-5)x(x^{10} - \frac{13565}{189}x^9 + \frac{845449}{378}x^8 - \frac{4990421}{126}x^7 + \frac{18402007}{42}x^6 - \frac{131725243}{42}x^5 + \frac{917442853}{63}x^4 - \frac{1155898498}{27}x^3 + \frac{14240391532}{189}x^2 - \frac{4453773808}{63}x + 26430976)$	229712, 1493128, 5738880, 15139432, 29074640, 41926752, 46118144, 38882536, 25003804, 12071710, 4242880, 1026218, 152884, 10584	
5, 8	$\frac{1}{360}(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x$	168, 504, 756, 672, 360, 108, 14	
5, 8, 10	$\frac{1}{2160}(x-10)(x-8)(x-5)(x-4)(x-2)(x-1)x(x-3)^2$	3696, 14784, 30360, 39336, 34100, 19888, 7532, 1680, 168	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 8, 10, 12	$\frac{1}{10800}(x-12)(x-10)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-10x+29)$	116688, 583440, 1543256, 2672384, 3252288, 2853968, 1807400, 809088, 243600, 44352, 3696	
5, 8, 10, 12, 14	$\frac{17}{907200}(x-14)(x-12)(x-10)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-19x^2+\frac{2127}{17}x-\frac{4701}{17})$	4964960, 29789760, 96524064, 209547520, 328878816, 385917504, 343075712, 230928096, 116132688, 42370944, 10611216, 1633632, 116688	
5, 8, 10, 12, 15	$\frac{17}{1814400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	32672640, 212372160, 764539776, 1868875008, 3337276800, 4505323680, 4672187520, 3737750016, 2293619328, 1061860800, 359399040, 84015360, 12135552, 816816	
5, 8, 10, 13	$\frac{1}{21600}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	672672, 3699696, 11099088, 22198176, 31711680, 33297264, 25897872, 14798784, 6054048, 1681680, 284592, 22176	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 8, 10, 13, 15	$\frac{1}{129600}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	32288256, 209873664, 743783040, 1782196416, 3118315200, 4128860736, 4205545344, 3309546240, 2000630016, 913651200, 305407872, 70586208, 10090080, 672672	
5, 8, 10, 14	$\frac{1}{72576}(x-14)(x-10)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{859}{25}x^3 + \frac{10839}{25}x^2 - \frac{59109}{25}x + \frac{118224}{25})$	2562560, 15375360, 51629760, 117208000, 192316992, 235148928, 216930224, 150914064, 78149736, 29264928, 7501032, 1179024, 85800	
5, 8, 10, 15	$\frac{11}{3628800}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{281}{11}x + \frac{1844}{11})$	7879872, 51219168, 190270080, 483074592, 894722400, 1248307632, 1332659328, 1093572480, 686169792, 323954400, 111560064, 26482896, 3878160, 264264	
5, 8, 11	$\frac{1}{4320}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	18480, 83160, 199584, 310464, 332640, 249480, 129360, 44352, 9072, 840	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 8, 11, 13	$\frac{1}{25920}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	672672, 3699696, 10906896, 21333312, 29789760, 30606576, 23329488, 13086528, 5263776, 1439760, 240240, 18480	
5, 8, 11, 13, 15	$\frac{1}{129600}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-16x+68)$	32672640, 212372160, 751470720, 1796995200, 3138058560, 4147940160, 4219111680, 3316615680, 2003266944, 914319840, 305511360, 70593600, 10090080, 672672	
5, 8, 11, 14	$\frac{1}{51840}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	4204200, 25225200, 83243160, 184984800, 297297000, 356756400, 323723400, 221981760, 113513400, 42042000, 10672200, 1663200, 120120	
5, 8, 11, 15	$\frac{1}{172800}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2-\frac{73}{3}x+\frac{454}{3})$	17297280, 112432320, 411290880, 1025344320, 1866402720, 2563863120, 2700048960, 2189376000, 1359445248, 635932080, 217213920, 51189600, 7447440, 504504	

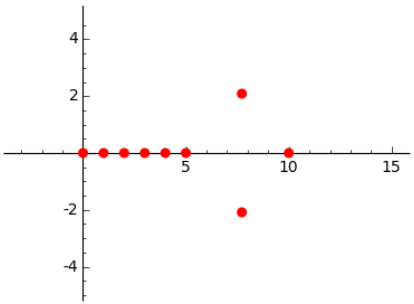
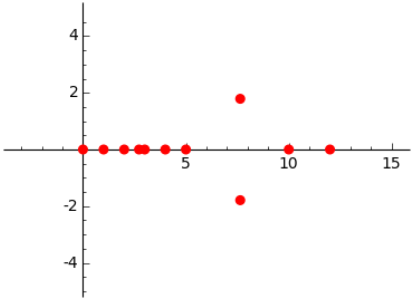
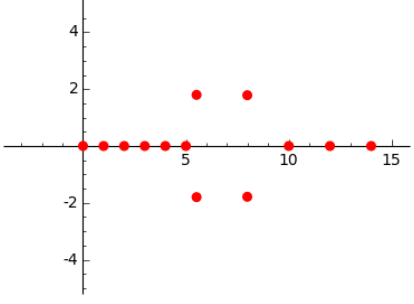
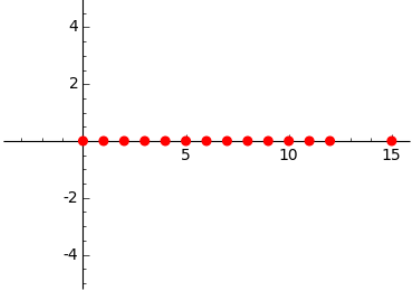
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 8, 12	$\frac{1}{14400}(x-12)(x-8)(x-4)(x-3)(x-2)(x-1)x(x-5)^2(x^2 - \frac{55}{3}x + \frac{262}{3})$	61776, 308880, 849992, 1546688, 1977456, 1816256, 1198400, 556416, 173040, 32424, 2772	
5, 8, 12, 14	$\frac{1}{100800}(x-14)(x-12)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - 29x^3 + 311x^2 - \frac{4369}{3}x + \frac{7600}{3})$	2562560, 15375360, 49996128, 109039840, 171896592, 202476288, 180544784, 121805712, 61356456, 22410528, 5616072, 864864, 61776	
5, 8, 12, 15	$\frac{1}{201600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	17297280, 112432320, 404756352, 989404416, 1766793600, 2385171360, 2473511040, 1978808832, 1214269056, 562161600, 190270080, 44478720, 6424704, 432432	
5, 8, 13	$\frac{1}{64800}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{43}{2}x + 120)$	168168, 924924, 2870868, 5981976, 8888880, 9669660, 7758660, 4555824, 1908648, 541380, 93324, 7392	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 8, 13, 15	$\frac{1}{518400}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-27x^2+238x-664)$	7879872, 51219168, 182101920, 438149712, 769707120, 1022675472, 1044603168, 823851840, 498839040, 228078480, 76300224, 17642856, 2522520, 168168	
5, 8, 14	$\frac{1}{362880}(x-14)(x-8)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-\frac{233}{5}x^4+\frac{4303}{5}x^3-\frac{39223}{5}x^2+\frac{175908}{5}x-61704)$	400400, 2402400, 8299200, 19474000, 32970504, 41464416, 39216968, 27889848, 14727132, 5611536, 1460844, 232848, 17160	
5, 8, 15	$\frac{1}{2419200}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-\frac{140}{3}x^3+\frac{2467}{3}x^2-\frac{19474}{3}x+\frac{58376}{3})$	864864, 5621616, 21381360, 55759704, 105922440, 151209864, 164784816, 137743200, 87877440, 42116760, 14702688, 3533772, 523380, 36036	
5, 9	$\frac{17}{20160}(x-9)(x-5)x(x^5-\frac{294}{17}x^4+\frac{1881}{17}x^3-308x^2+\frac{6124}{17}x-\frac{1232}{17})$	440, 1540, 2840, 3250, 2388, 1102, 292, 34	

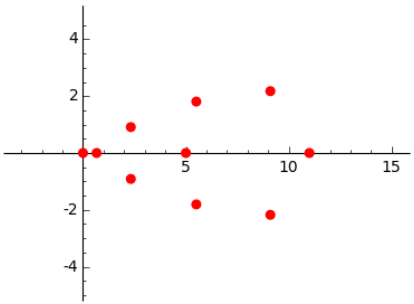
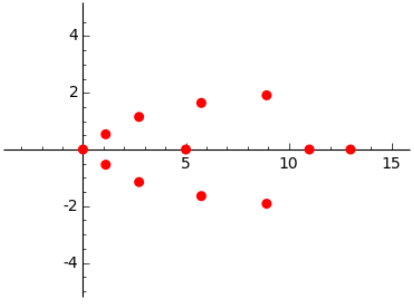
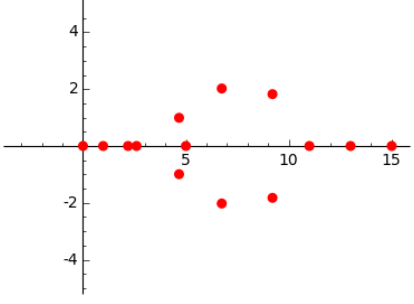
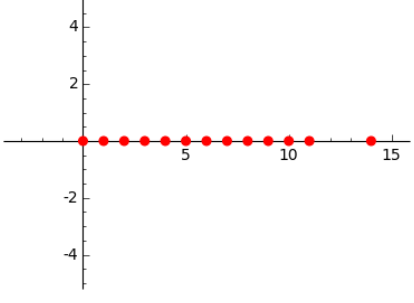
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 9, 11	$\frac{11}{90720}(x-11)(x-9)(x-5)x(x^6-20x^5+\frac{1728}{11}x^4-\frac{6737}{11}x^3+1268x^2-1332x+\frac{7056}{11})$	11480, 51660, 121744, 185024, 193512, 141760, 71880, 24132, 4840, 440	
5, 9, 11, 13	$\frac{41}{1710720}(x-13)(x-11)(x-9)(x-5)x(x^7-28x^6+\frac{93815}{287}x^5-\frac{83606}{41}x^4+\frac{2082260}{287}x^3-\frac{4158200}{287}x^2+\frac{4237056}{287}x-\frac{233856}{41})$	422352, 2322936, 6837592, 13347144, 18601856, 19080376, 14524792, 8139696, 3271840, 894560, 149240, 11480	
5, 9, 11, 13, 15	$\frac{419}{86486400}(x-15)(x-13)(x-11)(x-9)(x-5)x(x^8-38x^7+\frac{2312023}{3771}x^6-\frac{20474188}{3771}x^5+\frac{107741896}{3771}x^4-\frac{341309392}{3771}x^3+\frac{628151152}{3771}x^2-\frac{605137792}{3771}x+\frac{76362496}{1257})$	20535328, 133479632, 472243008, 1129060592, 1971296960, 2605295808, 2649683072, 2082715888, 1257902656, 574101440, 191825760, 44324000, 6335280, 422352	
5, 9, 11, 14	$\frac{41}{3421440}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2611700, 15670200, 51711660, 114914800, 184684500, 221621400, 201100900, 137897760, 70515900, 26117000, 6629700, 1033200, 74620	

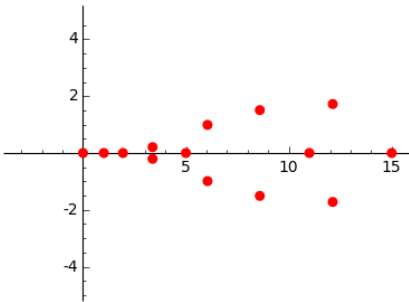
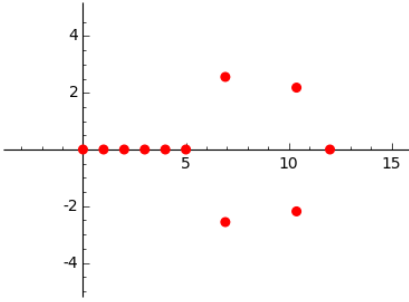
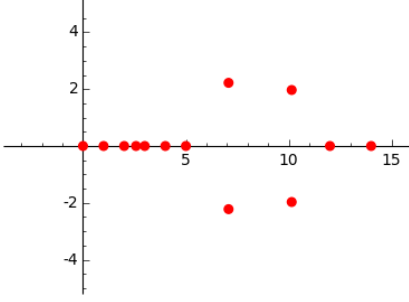
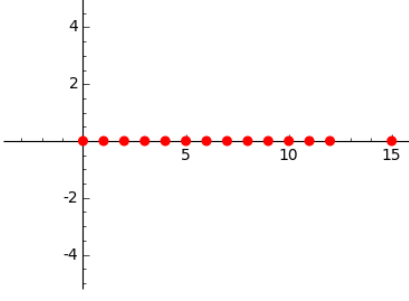
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 9, 11, 15	$\frac{11113}{3113510400}(x-15)(x-11)(x-9)(x-5)x(x^9 - 604073x^8 + \frac{13905621}{11113}x^7 - \frac{176954491}{11113}x^6 + \frac{1364791450}{11113}x^5 - \frac{6575837980}{11113}x^4 + \frac{19642884264}{11113}x^3 - \frac{34737163424}{11113}x^2 + \frac{32570323072}{11113}x - \frac{12095795712}{11113})$	10625936, 69068584, 252788736, 630583624, 1148483520, 1578430296, 1662943264, 1348869896, 837779392, 391991280, 133916720, 31564400, 4592840, 311164	
5, 9, 12	$\frac{11}{181440}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	62920, 314600, 849420, 1510080, 1887600, 1698840, 1101100, 503360, 154440, 28600, 2420	
5, 9, 12, 14	$\frac{11}{1088640}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	2642640, 15855840, 51468560, 111997600, 176176000, 207132640, 184424240, 124284160, 62554800, 22836000, 5720880, 880880, 62920	
5, 9, 12, 15	$\frac{11}{2177280}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	17617600, 114514400, 412251840, 1007726720, 1799512000, 2429341200, 2519316800, 2015453440, 1236755520, 572572000, 193793600, 45302400, 6543680, 440440	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 9, 13	$\frac{439}{23950080}(x-13)(x-9)(x-5)x(x^8 - \frac{18573}{439}x^7 + \frac{326715}{439}x^6 - \frac{3095259}{439}x^5 + \frac{17147082}{439}x^4 - \frac{56429844}{439}x^3 + \frac{106798088}{439}x^2 - \frac{105016896}{439}x + \frac{40537728}{439})$	229264, 1260952, 3848464, 7860948, 11462672, 12261592, 9694544, 5619832, 2328040, 653820, 111720, 8780	
5, 9, 13, 15	$\frac{2047}{778377600}(x-15)(x-13)(x-9)(x-5)x(x^9 - 49x^8 + \frac{2102392}{2047}x^7 - \frac{24626097}{2047}x^6 + \frac{176757483}{2047}x^5 - \frac{801254946}{2047}x^4 + \frac{2275948388}{2047}x^3 - \frac{3866364488}{2047}x^2 + \frac{3515647040}{2047}x - \frac{1276953216}{2047})$	10873456, 70677464, 250879296, 602384024, 1056105520, 1400772816, 1428789344, 1125606856, 680984992, 311173280, 104056560, 24055160, 3438960, 229264	
5, 9, 14	$\frac{197}{47900160}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{4621}{197}x + \frac{27962}{197})$	676130, 4056780, 13815230, 31889000, 53160250, 65931580, 61591530, 43323280, 22653750, 8556500, 2210010, 349760, 25610	
5, 9, 15	$\frac{19}{25625600}(x-15)(x-9)(x-5)x(x^{10} - \frac{311864}{4617}x^9 + \frac{9116356}{4617}x^8 - \frac{151044158}{4617}x^7 + \frac{520563373}{1539}x^6 - \frac{1162219810}{513}x^5 + \frac{15207989092}{1539}x^4 - \frac{126873820792}{4617}x^3 + \frac{213093853664}{4617}x^2 - \frac{192648877696}{4617}x + \frac{23300333056}{1539})$	1734072, 11271468, 42357072, 108977748, 204393240, 288415692, 311029728, 257536092, 162897664, 77464360, 26850520, 6411620, 943960, 64638	

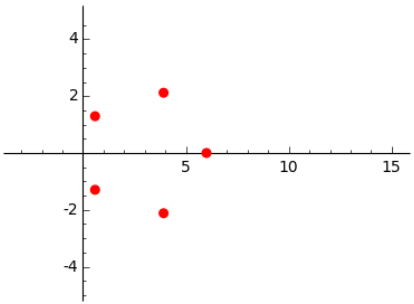
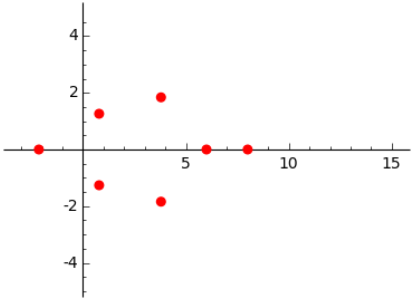
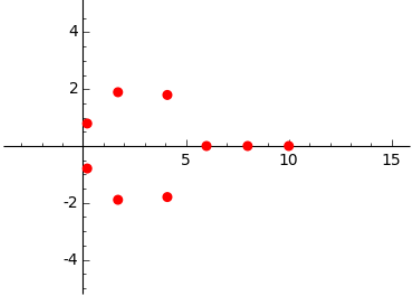
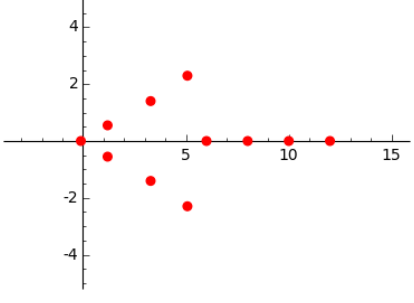
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 10	$\frac{23}{120960}(x-10)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{355}{23}x + \frac{1470}{23})$	957, 3828, 8382, 11748, 11000, 6886, 2779, 656, 69	
5, 10, 12	$\frac{29}{1209600}(x-12)(x-10)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 18x^2 + \frac{2991}{29}x - \frac{4858}{29})$	29172, 145860, 387959, 676676, 829166, 731744, 465395, 208952, 63024, 11484, 957	
5, 10, 12, 14	$\frac{17}{3628800}(x-14)(x-12)(x-10)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - 27x^3 + \frac{4705}{17}x^2 - \frac{21693}{17}x + \frac{38310}{17})$	1236950, 7421700, 24060218, 52268840, 82087418, 96375332, 85710870, 57709376, 29027274, 10591812, 2652738, 408408, 29172	
5, 10, 12, 15	$\frac{17}{7257600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	8168160, 53093040, 191134944, 467218752, 834319200, 1126330920, 1168046880, 934437504, 573404832, 265465200, 89849760, 21003840, 3033888, 204204	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 10, 13	$\frac{29}{2419200}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	174174, 957957, 2873871, 5747742, 8211060, 8621613, 6705699, 3831828, 1567566, 435435, 73689, 5742	
5, 10, 13, 15	$\frac{29}{14515200}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	8360352, 54342288, 192586680, 461461572, 807420900, 1069080012, 1088935848, 856936080, 518020272, 236570400, 79078824, 18276786, 2612610, 174174	
5, 10, 14	$\frac{53}{14515200}(x-14)(x-10)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5 - \frac{2241}{53}x^4 + \frac{37429}{53}x^3 - \frac{307839}{53}x^2 + \frac{1244886}{53}x - \frac{1974528}{53})$	687830, 4126980, 13834730, 31343000, 51330716, 62661644, 57730050, 40118216, 20756598, 7767144, 1989636, 312576, 22737	
5, 10, 15	$\frac{1}{1209600}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{305}{12}x + \frac{995}{6})$	2186184, 14210196, 52679484, 133425006, 246567750, 343335564, 365921556, 299843544, 187908336, 88621500, 30490548, 7232247, 1058343, 72072	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 11	$\frac{5}{145152}(x-11)(x-5)x(x^7 - \frac{863}{25}x^6 + \frac{12147}{25}x^5 - \frac{88933}{25}x^4 + \frac{360212}{25}x^3 - \frac{157836}{5}x^2 + \frac{169056}{5}x - 12096)$	1850, 8325, 21100, 35000, 39864, 31585, 17190, 6150, 1306, 125	
5, 11, 13	$\frac{37}{9580032}(x-13)(x-11)(x-5)x(x^8 - 37x^7 + \frac{21133}{37}x^6 - \frac{880439}{185}x^5 + \frac{4298894}{185}x^4 - \frac{12515372}{185}x^3 + \frac{4236696}{37}x^2 - \frac{3808800}{37}x + \frac{1451520}{37})$	65100, 358050, 1060822, 2088324, 2934152, 3030370, 2319358, 1304976, 525988, 144050, 24050, 1850	
5, 11, 13, 15	$\frac{31}{41513472}(x-15)(x-13)(x-11)(x-5)x(x^9 - 47x^8 + \frac{88783}{93}x^7 - \frac{1017181}{93}x^6 + \frac{7198516}{93}x^5 - \frac{161906576}{465}x^4 + \frac{458536016}{465}x^3 - \frac{778917488}{465}x^2 + \frac{47273536}{31}x - \frac{17160192}{31})$	3151456, 20484464, 72518256, 173521304, 303197000, 400970376, 408007904, 320823496, 193819024, 88473500, 29565000, 6831800, 976500, 65100	
5, 11, 14	$\frac{37}{19160064}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	420875, 2525250, 8333325, 18518500, 29761875, 35714250, 32407375, 22222200, 11363625, 4208750, 1068375, 166500, 12025	

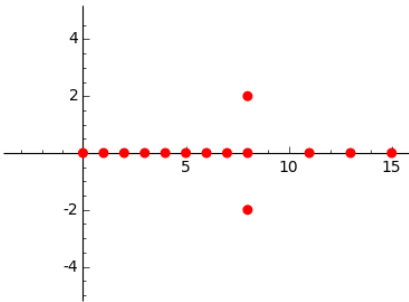
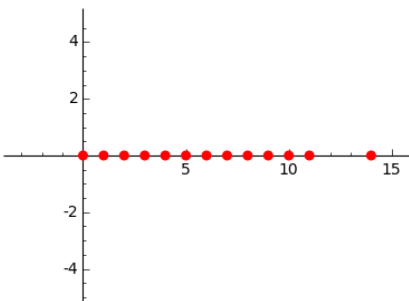
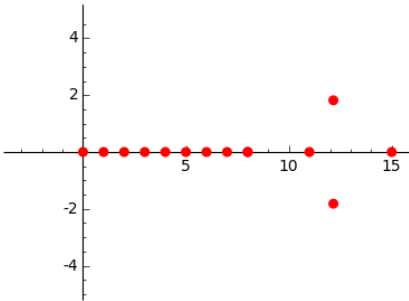
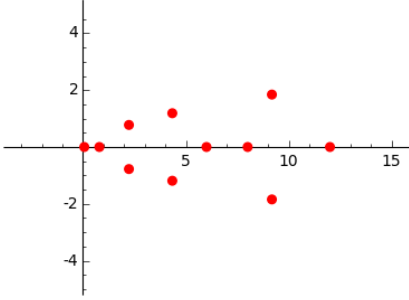
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 11, 15	$\frac{295}{498161664}(x-15)(x-11)(x-5)x(x^{10}-\frac{18662}{295}x^9+\frac{512058}{295}x^8-\frac{1598024}{59}x^7+\frac{15628535}{59}x^6-\frac{2488490498}{1475}x^5+\frac{10383827292}{1475}x^4-\frac{27805324408}{1475}x^3+\frac{45274980512}{1475}x^2-\frac{7990678272}{295}x+\frac{2850591744}{295})$	1791272, 11643268, 42528672, 105831748, 192316500, 263800062, 277477048, 224773052, 139453888, 65190750, 22254500, 5242100, 762350, 51625	
5, 12	$\frac{19}{3628800}(x-12)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-\frac{657}{19}x^3+\frac{8621}{19}x^2-\frac{50973}{19}x+\frac{116130}{19})$	3289, 16445, 47333, 90662, 121667, 116753, 80115, 38524, 12363, 2383, 209	
5, 12, 14	$\frac{23}{43545600}(x-14)(x-12)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-\frac{37}{23}x^4+\frac{12355}{23}x^3-3779x^2+\frac{290310}{23}x-\frac{347400}{23})$	132275, 793650, 2591641, 5683080, 9006291, 10656834, 9537815, 6453312, 3257613, 1191594, 298881, 46046, 3289	
5, 12, 15	$\frac{23}{87091200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	920920, 5985980, 21549528, 52676624, 94065400, 126988290, 131691560, 105353248, 64648584, 29929900, 10130120, 2368080, 342056, 23023	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
5, 13	$\frac{47}{68428800}(x-13)(x-5)x(x^9 - \frac{18300}{329}x^8 + \frac{436980}{329}x^7 - \frac{5837430}{329}x^6 + \frac{47672727}{329}x^5 - \frac{244204230}{329}x^4 + \frac{774466060}{329}x^3 - \frac{1441557000}{329}x^2 + \frac{1399934304}{329}x - \frac{72990720}{47})$	5488, 30184, 97216, 211092, 326144, 367696, 304784, 184348, 79348, 23070, 4068, 329	
5, 13, 15	$\frac{7}{111196800}(x-15)(x-13)(x-5)x(x^{10} - 58x^9 + \frac{40885}{28}x^8 - \frac{4095135}{196}x^7 + \frac{36657183}{196}x^6 - \frac{213051189}{196}x^5 + \frac{404297185}{98}x^4 - \frac{491410145}{49}x^3 + \frac{728454194}{49}x^2 - \frac{591751032}{49}x + \frac{28892160}{7})$	250096, 1625624, 5800032, 14018312, 24734800, 32992056, 33809624, 26735212, 16221352, 7428050, 2487588, 575582, 82320, 5488	
5, 14	$\frac{19}{239500800}(x-14)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^6 - \frac{2191}{38}x^5 + \frac{52719}{38}x^4 - \frac{678059}{38}x^3 + \frac{4925971}{38}x^2 - \frac{9615999}{19}x + \frac{15895440}{19})$	8710, 52260, 186160, 451750, 789642, 1022928, 994350, 725292, 392076, 152678, 40557, 6587, 494	
5, 15	$\frac{17}{2075673600}(x-15)(x-5)x(x^{11} - \frac{4115}{51}x^{10} + \frac{8645}{3}x^9 - \frac{3054800}{51}x^8 + \frac{13623691}{17}x^7 - \frac{122486325}{17}x^6 + \frac{749686505}{17}x^5 - \frac{9285362950}{51}x^4 + \frac{25049292476}{51}x^3 - \frac{41432871160}{51}x^2 + \frac{12372569440}{17}x - \frac{4381977600}{17})$	13272, 86268, 336672, 902748, 1761000, 2577312, 2874948, 2456202, 1599388, 781375, 277726, 67889, 10216, 714	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6	$\frac{1}{120}(x-6)(x^4 - 9x^3 + 31x^2 - 39x + 40)$	5, 10, 10, 5, 1	
6, 8	$\frac{1}{1008}(x-8)(x-6)(x^5 - 7x^4 + \frac{61}{5}x^3 + \frac{119}{5}x^2 - \frac{282}{5}x + 84)$	70, 210, 308, 266, 138, 40, 5	
6, 8, 10	$\frac{1}{5184}(x-10)(x-8)(x-6)(x^6 - 12x^5 + \frac{418}{7}x^4 - \frac{1056}{7}x^3 + \frac{7523}{35}x^2 - \frac{4668}{35}x + \frac{432}{5})$	1554, 6216, 12744, 16476, 14254, 8300, 3140, 700, 70	
6, 8, 10, 12	$\frac{37}{950400}(x-12)(x-10)(x-8)(x-6)(x^7 - 19x^6 + \frac{16660}{111}x^5 - 610x^4 + \frac{1023493}{777}x^3 - \frac{356689}{259}x^2 + \frac{408550}{777}x + \frac{2640}{37})$	49104, 245520, 649330, 1124200, 1367908, 1200208, 760010, 340200, 102424, 18648, 1554	

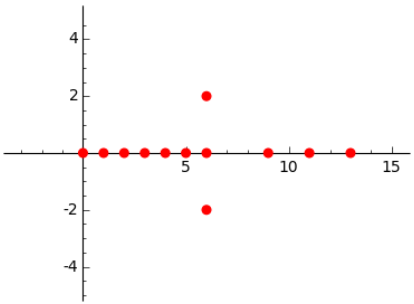
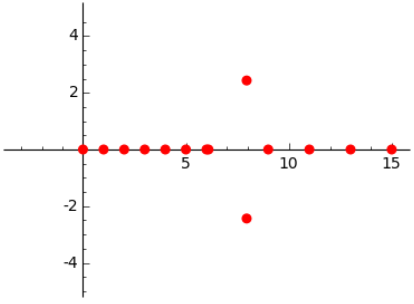
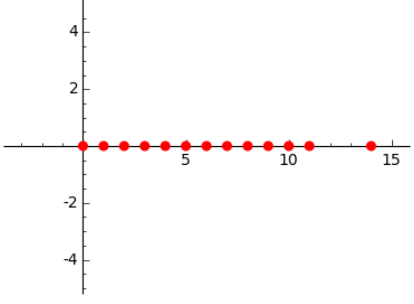
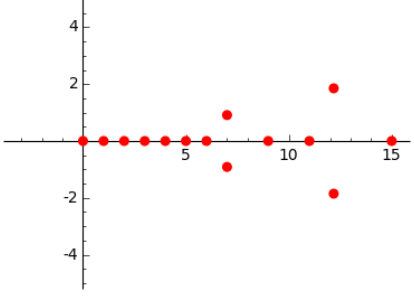
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 8, 10, 12, 14	$\frac{31}{3931200}(x-14)(x-12)(x-10)(x-8)(x-6)(x^8 - 28x^7 + \frac{111550}{341}x^6 - \frac{692445}{341}x^5 + \frac{7312607}{1023}x^4 - \frac{14424446}{1023}x^3 + \frac{14570320}{1023}x^2 - \frac{5693575}{1023}x + \frac{1560}{31})$	2089516, 12537096, 40621828, 88185760, 138402644, 162404072, 144373644, 97178816, 48870556, 17830344, 4465356, 687456, 49104	
6, 8, 10, 12, 15	$\frac{31}{7862400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	13749120, 89369280, 321729408, 786449664, 1404374400, 1895905440, 1966124160, 1572899328, 965188224, 446846400, 151240320, 35354880, 5106816, 343728	
6, 8, 10, 13	$\frac{37}{1900800}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	282828, 1555554, 4666662, 9333324, 13333320, 13999986, 10888878, 6222216, 2545452, 707070, 119658, 9324	
6, 8, 10, 13, 15	$\frac{37}{11404800}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	13575744, 88242336, 312726960, 749332584, 1311109800, 1735998264, 1768240656, 1391513760, 841173984, 384148800, 128410128, 29678292, 4242420, 282828	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 8, 10, 14	$\frac{2003}{345945600}(x-14)(x-10)(x-8)(x-6)(x^9 - \frac{86854}{2003}x^8 + \frac{1550039}{2003}x^7 - \frac{14764686}{2003}x^6 + \frac{245370451}{6009}x^5 - \frac{805417078}{6009}x^4 + \frac{1518545063}{6009}x^3 - \frac{1485545102}{6009}x^2 + \frac{188833880}{2003}x + \frac{823680}{2003})$	1076452, 6458712, 21689044, 49240360, 80798528, 98797784, 91146348, 63410480, 32837392, 12296928, 3151932, 495432, 36054	
6, 8, 10, 15	$\frac{1321}{1037836800}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{33750}{1321}x + \frac{221510}{1321})$	3307248, 21497112, 79862328, 202774572, 375589500, 524045808, 559481832, 459124848, 288090432, 136017000, 46841256, 11119734, 1628406, 110964	
6, 8, 11	$\frac{1}{10368}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	7700, 34650, 83160, 129360, 138600, 103950, 53900, 18480, 3780, 350	
6, 8, 11, 13	$\frac{1}{62208}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	280280, 1541540, 4544540, 8888880, 12412400, 12752740, 9720620, 5452720, 2193240, 599900, 100100, 7700	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 8, 11, 13, 15	$\frac{1}{311040}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-16x+68)$	13613600, 88488400, 313112800, 748748000, 1307524400, 1728308400, 1757963200, 1381923200, 834694560, 380966600, 127296400, 29414000, 4204200, 280280	
6, 8, 11, 14	$\frac{1}{124416}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1751750, 10510500, 34684650, 77077000, 123873750, 148648500, 134884750, 92492400, 47297250, 17517500, 4446750, 693000, 50050	
6, 8, 11, 15	$\frac{1}{414720}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2-\frac{73}{3}x+\frac{454}{3})$	7207200, 46846800, 171371200, 427226800, 777667800, 1068276300, 1125020400, 912240000, 566435520, 264971700, 90505800, 21329000, 3103100, 210210	
6, 8, 12	$\frac{41}{1425600}(x-12)(x-8)(x-6)(x^8-\frac{2653}{82}x^7+\frac{34475}{82}x^6-\frac{115360}{41}x^5+\frac{3000658}{287}x^4-\frac{12326039}{574}x^3+\frac{12908065}{574}x^2-\frac{2630735}{287}x+\frac{19800}{41})$	25498, 127490, 351010, 639100, 817546, 751246, 495870, 230300, 71638, 13426, 1148	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 8, 12, 14	$\frac{1159}{283046400}(x-14)(x-12)(x-8)(x-6)(x^9 - 38x^8 + \frac{7687045}{12749}x^7 - \frac{66195130}{12749}x^6 + \frac{337116991}{12749}x^5 - \frac{1033525858}{12749}x^4 + \frac{1846346015}{12749}x^3 - \frac{1732634550}{12749}x^2 + \frac{640476240}{12749}x + \frac{561600}{1159})$	1057342, 6344052, 20629986, 44996120, 70938678, 83562564, 74514278, 50272992, 25324222, 9249828, 2318022, 356972, 25498	
6, 8, 12, 15	$\frac{1159}{566092800}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	7139440, 46406360, 167062896, 408375968, 729242800, 984477780, 1020939920, 816751936, 501188688, 232031800, 78533840, 18358560, 2651792, 178486	
6, 8, 13	$\frac{217}{34214400}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)(x^2 - \frac{4673}{217}x + \frac{26130}{217})$	68796, 378378, 1175174, 2450448, 3643640, 3965962, 3183726, 1870232, 783804, 222390, 38346, 3038	
6, 8, 13, 15	$\frac{1}{1267200}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 27x^2 + \frac{6424}{27}x - \frac{17900}{27})$	3222128, 20943832, 74467120, 179187008, 314805400, 418294968, 427286272, 337003520, 204060528, 93302300, 31213336, 7217504, 1031940, 68796	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 8, 14	$\frac{3499}{3113510400}(x-14)(x-8)(x-6)(x^{10} - \frac{194697}{3499}x^9 + \frac{4594357}{3499}x^8 - \frac{59878033}{3499}x^7 + \frac{471373291}{3499}x^6 - \frac{2306330443}{3499}x^5 + \frac{6961513023}{3499}x^4 - \frac{12394495027}{3499}x^3 + \frac{11684753910}{3499}x^2 - \frac{4371033960}{3499}x + \frac{37065600}{3499})$	<p>162474, 974844, 3369678, 7912320, 13404486, 16867308, 15961026, 11355960, 5998804, 2286536, 595434, 94934, 6998</p>	
6, 8, 15	$\frac{521}{3113510400}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{24339}{521}x^3 + \frac{429425}{521}x^2 - \frac{3394965}{521}x + \frac{10196210}{521})$	<p>348376, 2264444, 8617336, 22486464, 42740100, 61045296, 66556784, 55658176, 35522424, 17030650, 5947172, 1429808, 211822, 14588</p>	
6, 9	$\frac{1}{2016}(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	<p>300, 1050, 1890, 2100, 1500, 675, 175, 20</p>	
6, 9, 11	$\frac{1}{12096}(x-11)(x-9)(x-6)(x-5)(x-3)(x-2)(x-1)x(x-4)^2$	<p>7920, 35640, 83820, 127050, 132550, 96910, 49070, 16460, 3300, 300</p>	

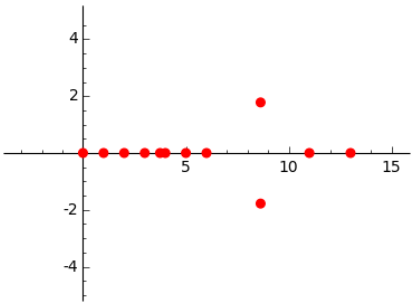
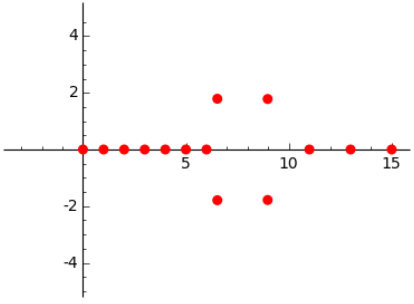
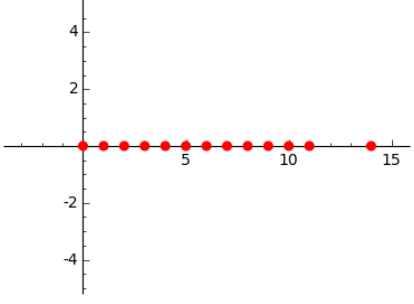
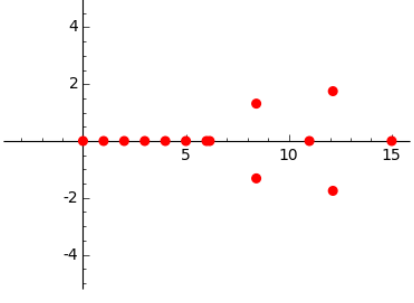
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 9, 11, 13	$\frac{1}{60480}(x-13)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-12x+40)$	291720, 1604460, 4721860, 9214920, 12839840, 13167700, 10022460, 5616080, 2257320, 617160, 102960, 7920	
6, 9, 11, 13, 15	$\frac{17}{5080320}(x-15)(x-13)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-22x^2+\frac{2824}{17}x-\frac{7168}{17})$	14185600, 92206400, 326214720, 779910560, 1361663200, 1799560800, 1830194320, 1438562840, 868845960, 396535800, 132495000, 30614760, 4375800, 291720	
6, 9, 11, 14	$\frac{1}{120960}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1801800, 10810800, 35675640, 79279200, 127413000, 152895600, 138738600, 95135040, 48648600, 18018000, 4573800, 712800, 51480	
6, 9, 11, 15	$\frac{5}{2032128}(x-15)(x-11)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-\frac{959}{25}x^3+\frac{13566}{25}x^2-\frac{83464}{25}x+\frac{189056}{25})$	7321600, 47590400, 174189600, 434548400, 791496400, 1087862400, 1146162040, 929725940, 577467900, 270200100, 92310900, 21758220, 3166020, 214500	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 9, 12	$\frac{1}{24192}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	42900, 214500, 579150, 1029600, 1287000, 1158300, 750750, 343200, 105300, 19500, 1650	
6, 9, 12, 14	$\frac{1}{145152}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	1801800, 10810800, 35092200, 76362000, 120120000, 141226800, 125743800, 84739200, 42651000, 15570000, 3900600, 600600, 42900	
6, 9, 12, 15	$\frac{1}{290304}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	12012000, 78078000, 281080800, 687086400, 1226940000, 1656369000, 1717716000, 1374172800, 843242400, 390390000, 132132000, 30888000, 4461600, 300300	
6, 9, 13	$\frac{1}{80640}(x-13)(x-9)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2(x^2 - \frac{61}{3}x + \frac{320}{3})$	154440, 849420, 2594020, 5302440, 7737080, 8281000, 6550320, 3798560, 1574040, 442170, 75570, 5940	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 9, 13, 15	$\frac{1}{564480}(x-15)(x-13)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-33x^3+404x^2-\frac{6508}{3}x+\frac{12992}{3})$	7321600, 47590400, 168938640, 405668120, 711273400, 943461000, 962378440, 758194580, 458715420, 209612100, 70095300, 16204320, 2316600, 154440	
6, 9, 14	$\frac{1}{362880}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-\frac{47}{2}x+\frac{285}{2})$	450450, 2702700, 9210630, 21278400, 35499750, 44058300, 41182050, 28981680, 15160950, 5728500, 1480050, 234300, 17160	
6, 9, 15	$\frac{1}{2032128}(x-15)(x-9)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-\frac{258}{5}x^4+1057x^3-10716x^2+53644x-\frac{528192}{5})$	1144000, 7436000, 27963000, 72000500, 135139300, 190817100, 205897180, 170571830, 107939250, 51349950, 17805150, 4253040, 626340, 42900	
6, 10	$\frac{11}{72576}(x-10)(x-6)(x^7-\frac{256}{11}x^6+\frac{2330}{11}x^5-\frac{10360}{11}x^4+\frac{116647}{55}x^3-\frac{118568}{55}x^2+\frac{35232}{55}x+\frac{24192}{55})$	873, 3492, 7488, 10242, 9373, 5750, 2280, 530, 55	

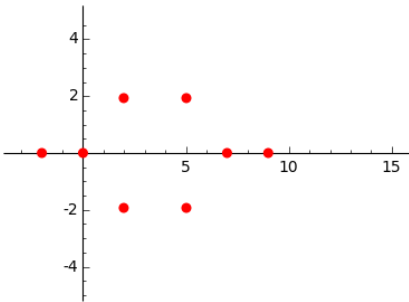
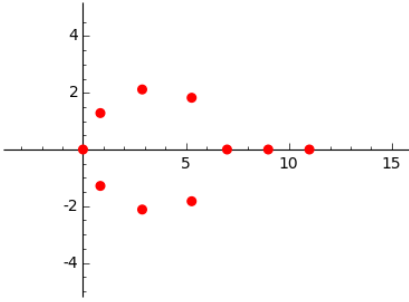
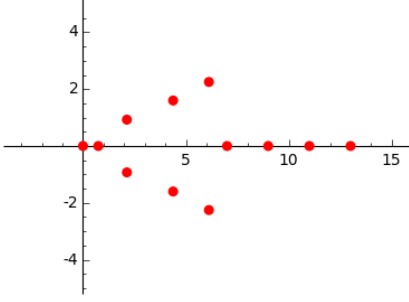
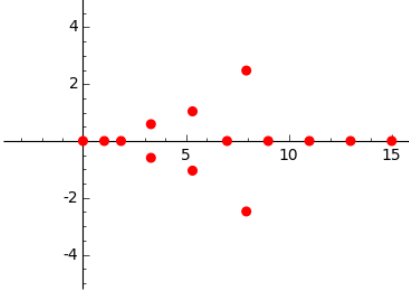
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 10, 12	$\frac{97}{4435200}(x-12)(x-10)(x-6)(x^8-27x^7+\frac{260276}{873}x^6-\frac{1513570}{873}x^5+\frac{5000597}{873}x^4-\frac{9358939}{873}x^3+\frac{9230414}{873}x^2-\frac{38320}{9}x+\frac{49280}{97})$	26928, 134640, 357445, 621940, 760346, 669736, 425345, 190780, 57508, 10476, 873	
6, 10, 12, 14	$\frac{17}{3931200}(x-14)(x-12)(x-10)(x-6)(x^9-36x^8+\frac{206031}{374}x^7-\frac{1737045}{374}x^6+\frac{13129784}{561}x^5-\frac{13365563}{187}x^4+\frac{143240617}{1122}x^3-\frac{44886365}{374}x^2+\frac{24947660}{561}x+\frac{6240}{17})$	1143142, 6858852, 22231586, 48285120, 75814458, 88994484, 79135958, 53277312, 26796262, 9777348, 2448702, 376992, 26928	
6, 10, 12, 15	$\frac{17}{7862400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	7539840, 49008960, 176432256, 431278848, 770140800, 1039690080, 1078197120, 862557696, 529296768, 245044800, 82938240, 19388160, 2800512, 188496	
6, 10, 13	$\frac{97}{8870400}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	158886, 873873, 2621619, 5243238, 7490340, 7864857, 6117111, 3495492, 1429974, 397215, 67221, 5238	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 10, 13, 15	$\frac{97}{53222400}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	7626528, 49572432, 175682520, 420957108, 736550100, 975242268, 993355272, 781719120, 472551408, 215805600, 72137736, 16672554, 2383290, 158886	
6, 10, 14	$\frac{2287}{691891200}(x-14)(x-10)(x-6)(x^{10} - \frac{117342}{2287}x^9 + \frac{2558499}{2287}x^8 - \frac{30941622}{2287}x^7 + \frac{682613855}{6861}x^6 - \frac{1049185018}{2287}x^5 + \frac{9040336403}{6861}x^4 - \frac{5154262578}{2287}x^3 + \frac{14124246104}{6861}x^2 - \frac{1718978240}{2287}x + \frac{6589440}{2287})$	620074, 3720444, 12478778, 28289820, 46359096, 56622348, 52188686, 36280200, 18776284, 7027776, 1800594, 282924, 20583	
6, 10, 15	$\frac{19}{25625600}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{13060}{513}x + \frac{85370}{513})$	1949976, 12674844, 47018556, 119178774, 220398750, 307088496, 327465684, 268455096, 168303744, 79402500, 27326772, 6483483, 948987, 64638	
6, 11	$\frac{5}{145152}(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{87}{5}x + 80)$	2090, 9405, 23430, 38115, 42625, 33220, 17815, 6290, 1320, 125	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 11, 13	$\frac{19}{4354560}(x-13)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3-21x^2+\frac{2702}{19}x-\frac{5520}{19})$	74360, 408980, 1209780, 2376660, 3332680, 3436160, 2626400, 1476240, 594600, 162770, 27170, 2090	
6, 11, 13, 15	$\frac{13}{15240960}(x-15)(x-13)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4-31x^3+\frac{4729}{13}x^2-\frac{24890}{13}x+\frac{49840}{13})$	3603600, 23423400, 82909840, 198346720, 346509000, 458176200, 466159640, 366515380, 221408460, 101063000, 33771100, 7803620, 1115400, 74360	
6, 11, 14	$\frac{19}{8709120}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	475475, 2852850, 9414405, 20920900, 33622875, 40347450, 36611575, 25105080, 12837825, 4754750, 1206975, 188100, 13585	
6, 11, 15	$\frac{1}{1505280}(x-15)(x-11)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5-\frac{3830}{81}x^4+\frac{23905}{27}x^3-\frac{663470}{81}x^2+\frac{1009808}{27}x-\frac{5452160}{81})$	2002000, 13013000, 47554000, 118404000, 215276500, 295428750, 310863580, 251897030, 156322530, 73092000, 24956250, 5879390, 855140, 57915	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 12	$\frac{251}{39916800}(x-12)(x-6)(x^9 - \frac{10662}{251}x^8 + \frac{189257}{251}x^7 - \frac{1815210}{251}x^6 + \frac{10191789}{251}x^5 - \frac{33918858}{251}x^4 + \frac{64512223}{251}x^3 - \frac{62687910}{251}x^2 + \frac{22773040}{251}x + \frac{2217600}{251})$	4411, 22055, 62590, 118030, 156077, 147757, 100140, 47610, 15121, 2887, 251	
6, 12, 14	$\frac{401}{566092800}(x-14)(x-12)(x-6)(x^{10} - 46x^9 + \frac{3984219}{4411}x^8 - \frac{43582470}{4411}x^7 + \frac{291261609}{4411}x^6 - \frac{1227474054}{4411}x^5 + \frac{3247321361}{4411}x^4 - \frac{5171204570}{4411}x^3 + \frac{4470371760}{4411}x^2 - \frac{1585063680}{4411}x + \frac{4492800}{401})$	179179, 1075074, 3505957, 7674940, 12142771, 14347258, 12825271, 8669344, 4373119, 1598826, 400899, 61754, 4411	
6, 12, 15	$\frac{401}{1132185600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1235080, 8028020, 28900872, 70646576, 126154600, 170308710, 176616440, 141293152, 86702616, 40140100, 13585880, 3175920, 458744, 30877	
6, 13	$\frac{461}{479001600}(x-13)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{17764}{461}x^3 + \frac{259081}{461}x^2 - \frac{1697174}{461}x + \frac{4250640}{461})$	8502, 46761, 148863, 319176, 487240, 543179, 445557, 266884, 113838, 32820, 5742, 461	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
6, 13, 15	$\frac{109}{1117670400}(x-15)(x-13)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^5 - 42x^4 + \frac{227351}{327}x^3 - \frac{1839544}{327}x^2 + \frac{7187164}{327}x - \frac{10535840}{327})$	390936, 2541084, 9056320, 21857836, 38514200, 51308016, 52524044, 41497750, 25161066, 11515700, 3855082, 891788, 127530, 8502	
6, 14	$\frac{113}{889574400}(x-14)(x-6)(x^{11} - \frac{51871}{791}x^{10} + \frac{1479977}{791}x^9 - \frac{24061971}{791}x^8 + \frac{245341275}{791}x^7 - \frac{1627334469}{791}x^6 + \frac{1007366389}{113}x^5 - \frac{19516256129}{791}x^4 + \frac{32628691954}{791}x^3 - \frac{29264321160}{791}x^2 + \frac{10400022720}{791}x + \frac{296524800}{791})$	15288, 91728, 323596, 777140, 1344952, 1725976, 1662932, 1202860, 645133, 249362, 65778, 10613, 791	
6, 15	$\frac{643}{43589145600}(x-15)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^6 - \frac{40902}{643}x^5 + \frac{1085328}{643}x^4 - \frac{15384132}{643}x^3 + \frac{123013365}{643}x^2 - \frac{527303190}{643}x + \frac{951549200}{643})$	26012, 169078, 654472, 1739738, 3365500, 4886502, 5409618, 4588437, 2967363, 1440250, 508739, 123626, 18499, 1286	
7	$\frac{1}{720}(x-7)x(x^4 - 14x^3 + 77x^2 - 196x + 252)$	6, 15, 20, 15, 6, 1	

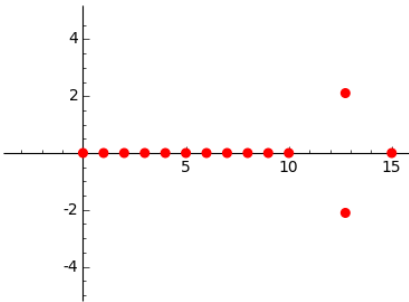
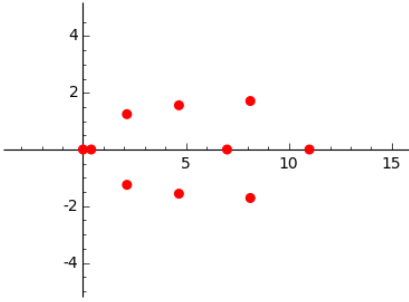
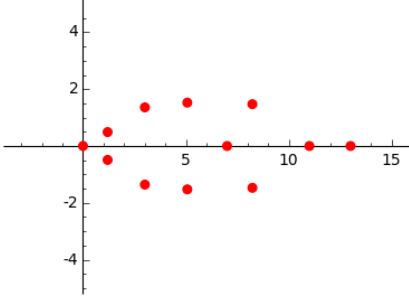
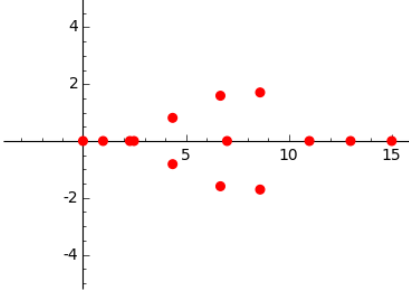
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
7, 9	$\frac{1}{6720}(x-9)(x-7)x(x+2)(x^4-14x^3+\frac{229}{3}x^2-\frac{574}{3}x+\frac{664}{3})$	104, 364, 644, 700, 488, 214, 54, 6	
7, 9, 11	$\frac{13}{453600}(x-11)(x-9)(x-7)x(x^6-18x^5+\frac{1750}{13}x^4-\frac{6885}{13}x^3+\frac{15292}{13}x^2-\frac{18396}{13}x+\frac{12240}{13})$	2768, 12456, 29256, 44268, 46108, 33664, 17028, 5708, 1144, 104	
7, 9, 11, 13	$\frac{173}{29937600}(x-13)(x-11)(x-9)(x-7)x(x^7-26x^6+\frac{49319}{173}x^5-\frac{290710}{173}x^4+\frac{981512}{173}x^3-\frac{1866232}{173}x^2+\frac{1814256}{173}x-\frac{642240}{173})$	102032, 561176, 1651320, 3222120, 4488960, 4603032, 3503240, 1962920, 788944, 215696, 35984, 2768	
7, 9, 11, 13, 15	$\frac{911}{778377600}(x-15)(x-13)(x-11)(x-9)(x-7)x(x^8-36x^7+\frac{502075}{911}x^6-\frac{4224650}{911}x^5+\frac{21188236}{911}x^4-\frac{64295624}{911}x^3+\frac{114116000}{911}x^2-\frac{106852160}{911}x+\frac{39752448}{911})$	4961952, 32252688, 114104640, 272795952, 476273632, 629431056, 640139872, 503157152, 303889456, 138692816, 46341520, 10707824, 1530480, 102032	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
7, 9, 11, 14	$\frac{173}{59875200}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	629720, 3778320, 12468456, 27707680, 44530200, 53436240, 48488440, 33249216, 17002440, 6297200, 1598520, 249120, 17992	
7, 9, 11, 15	$\frac{223}{259459200}(x-15)(x-11)(x-9)(x-7)x(x^9 - \frac{35030}{669}x^8 + \frac{773863}{669}x^7 - \frac{3141244}{223}x^6 + \frac{23162030}{223}x^5 - \frac{106820044}{223}x^4 + \frac{306445824}{223}x^3 - \frac{1569400528}{669}x^2 + \frac{1429511456}{669}x - \frac{172954496}{223})$	2556784, 16619096, 60831264, 151761896, 276434384, 379955592, 400329744, 324741168, 201706024, 94380792, 32244600, 7600328, 1105928, 74928	
7, 9, 12	$\frac{13}{907200}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	14872, 74360, 200772, 356928, 446160, 401544, 260260, 118976, 36504, 6760, 572	
7, 9, 12, 14	$\frac{13}{5443200}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	624624, 3747744, 12165296, 26472160, 41641600, 48958624, 43591184, 29376256, 14785680, 5397600, 1352208, 208208, 14872	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
7, 9, 12, 15	$\frac{13}{10886400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	4164160, 27067040, 97441344, 238189952, 425339200, 574207920, 595474880, 476379904, 292324032, 135335200, 45805760, 10707840, 1546688, 104104	
7, 9, 13	$\frac{2}{467775}(x-13)(x-9)(x-7)x(x^8 - \frac{5165}{128}x^7 + \frac{21595}{32}x^6 - \frac{777083}{128}x^5 + \frac{2049761}{64}x^4 - \frac{6464905}{64}x^3 + \frac{1478855}{8}x^2 - \frac{2843829}{16}x + \frac{275715}{4})$	53088, 291984, 892056, 1824372, 2663280, 2851632, 2256384, 1308828, 542464, 152412, 26052, 2048	
7, 9, 13, 15	$\frac{79}{129729600}(x-15)(x-13)(x-9)(x-7)x(x^9 - 47x^8 + \frac{223481}{237}x^7 - \frac{2502959}{237}x^6 + \frac{17185720}{237}x^5 - \frac{74670308}{237}x^4 + \frac{203991244}{237}x^3 - \frac{334850096}{237}x^2 + \frac{295857488}{237}x - \frac{34945856}{79})$	2516016, 16354104, 58056960, 139418136, 244459584, 324274824, 330788272, 260613104, 157676584, 72051992, 24094744, 5570144, 796320, 53088	
7, 9, 14	$\frac{113}{119750400}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{2659}{113}x + \frac{16148}{113})$	153608, 921648, 3142568, 7264400, 12126400, 15057328, 14080248, 9912448, 5187000, 1960400, 506616, 80216, 5876	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
7, 9, 15	$\frac{521}{3113510400}(x-15)(x-9)(x-7)x(x^{10}-\frac{34198}{521}x^9+\frac{968326}{521}x^8-\frac{15491720}{521}x^7+\frac{154258197}{521}x^6-\frac{993559770}{521}x^5+\frac{4168691740}{521}x^4-\frac{11178299720}{521}x^3+\frac{18183988352}{521}x^2-\frac{16019536192}{521}x+\frac{5717547264}{521})$	387272, 2517268, 9471072, 24400948, 45823808, 64734948, 69880904, 57913480, 36660364, 17445604, 6050708, 1445648, 212944, 14588	
7, 10	$\frac{1}{13440}(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	495, 1980, 4158, 5544, 4950, 2970, 1155, 264, 27	
7, 10, 12	$\frac{1}{80640}(x-12)(x-10)(x-7)(x-6)(x-4)(x-3)(x-2)(x-1)x(x-5)^2$	15444, 77220, 204633, 355212, 433290, 380952, 241605, 108264, 32616, 5940, 495	
7, 10, 12, 14	$\frac{1}{403200}(x-14)(x-12)(x-10)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-14x+53)$	656370, 3938220, 12762750, 27713400, 43504734, 51058956, 45396834, 30560016, 15369462, 5607756, 1404414, 216216, 15444	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
7, 10, 12, 15	$\frac{1}{806400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	4324320, 28108080, 101189088, 247351104, 441698400, 596292840, 618377760, 494702208, 303567264, 140540400, 47567520, 11119680, 1606176, 108108	
7, 10, 13	$\frac{1}{161280}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	90090, 495495, 1486485, 2972970, 4247100, 4459455, 3468465, 1981980, 810810, 225225, 38115, 2970	
7, 10, 13, 15	$\frac{1}{967680}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	4324320, 28108080, 99613800, 238687020, 417631500, 552972420, 563242680, 443242800, 267941520, 122364000, 40902840, 9453510, 1351350, 90090	
7, 10, 14	$\frac{1}{537600}(x-14)(x-10)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2(x^2 - \frac{67}{3}x + 128)$	347490, 2084940, 6996990, 15873000, 26027508, 31806372, 29328558, 20395632, 10558494, 3952872, 1012968, 159192, 11583	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
7, 10, 15	$\frac{1}{2419200}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{51}{2}x + 167)$	1081080, 7027020, 26084916, 66169818, 122458050, 170733420, 182161980, 149405256, 93704688, 44223300, 15224220, 3613005, 528957, 36036	
7, 11	$\frac{83}{3628800}(x-11)(x-7)x(x^7 - \frac{2511}{83}x^6 + \frac{30881}{83}x^5 - \frac{197685}{83}x^4 + \frac{704012}{83}x^3 - \frac{1367964}{83}x^2 + \frac{1291104}{83}x - \frac{336960}{83})$	1586, 7137, 17448, 27762, 30406, 23263, 12276, 4274, 886, 83	
7, 11, 13	$\frac{793}{239500800}(x-13)(x-11)(x-7)x(x^8 - 35x^7 + \frac{408541}{793}x^6 - \frac{3288281}{793}x^5 + \frac{15774682}{793}x^4 - \frac{45973940}{793}x^3 + \frac{79060104}{793}x^2 - \frac{5601888}{61}x + \frac{28200960}{793})$	57092, 314006, 927234, 1817508, 2543160, 2617398, 1997762, 1121732, 451492, 123542, 20618, 1586	
7, 11, 13, 15	$\frac{2039}{3113510400}(x-15)(x-13)(x-11)(x-7)x(x^9 - 45x^8 + \frac{1783897}{2039}x^7 - \frac{19559645}{2039}x^6 + \frac{132498496}{2039}x^5 - \frac{571100504}{2039}x^4 + \frac{1553439968}{2039}x^3 - \frac{2544866960}{2039}x^2 + \frac{2247097920}{2039}x - \frac{796732416}{2039})$	2769984, 18004896, 63719760, 152404824, 266194024, 351917712, 358001584, 281448944, 170008888, 77597852, 25929280, 5991488, 856380, 57092	

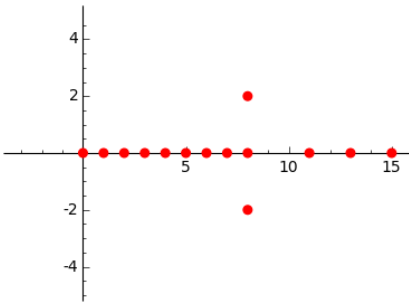
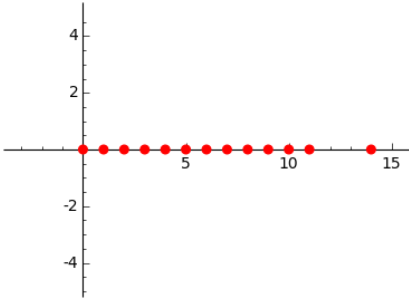
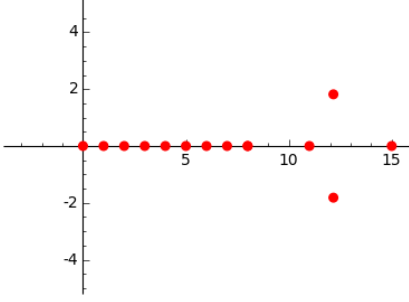
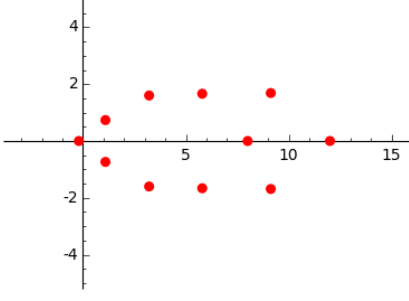
S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
7, 11, 14	$\frac{793}{479001600}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	360815, 2164890, 7144137, 15875860, 25514775, 30617730, 27782755, 19051032, 9742005, 3608150, 915915, 142740, 10309	
7, 11, 15	$\frac{2077}{4151347200}(x-15)(x-11)(x-7)x(x^{10} - \frac{382016}{6231}x^9 + \frac{10128616}{6231}x^8 - \frac{50776006}{2077}x^7 + \frac{477811295}{2077}x^6 - \frac{2927011282}{2077}x^5 + \frac{11761229340}{2077}x^4 - \frac{91241671432}{6231}x^3 + \frac{144092392544}{6231}x^2 - \frac{41333371136}{2077}x + \frac{14471728128}{2077})$	1501528, 9759932, 35684688, 88906532, 161740388, 222071634, 233771568, 189493416, 117629260, 55012974, 18787080, 4426736, 643946, 43617	
7, 12	$\frac{19}{3628800}(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{368}{19}x + \frac{1863}{19})$	4147, 20735, 57915, 107250, 139425, 129987, 86905, 40820, 12825, 2425, 209	
7, 12, 14	$\frac{29}{43545600}(x-14)(x-12)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 24x^2 + \frac{5431}{29}x - \frac{13212}{29})$	170313, 1021878, 3327467, 7270120, 11480833, 13543270, 12090701, 8164504, 4115379, 1503822, 376959, 58058, 4147	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
7, 12, 15	$\frac{29}{87091200}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1161160, 7547540, 27171144, 66418352, 118604200, 160115670, 166045880, 132836704, 81513432, 37737700, 12772760, 2985840, 431288, 29029	
7, 13	$\frac{461}{479001600}(x-13)(x-7)x(x^9 - \frac{23714}{461}x^8 + \frac{520090}{461}x^7 - \frac{6340316}{461}x^6 + \frac{47043733}{461}x^5 - \frac{218754986}{461}x^4 + \frac{632303780}{461}x^3 - \frac{1083486744}{461}x^2 + \frac{981906336}{461}x - \frac{339863040}{461})$	9492, 52206, 164010, 346500, 521640, 574182, 465582, 275970, 116596, 33324, 5784, 461	
7, 13, 15	$\frac{113}{1037836800}(x-15)(x-13)(x-7)x(x^{10} - 56x^9 + \frac{461827}{339}x^8 - \frac{6402283}{339}x^7 + \frac{55806752}{339}x^6 - \frac{318388369}{339}x^5 + \frac{1198897946}{339}x^4 - \frac{2926452772}{339}x^3 + \frac{4400219224}{339}x^2 - \frac{1214570464}{113}x + \frac{417314304}{113})$	440832, 2865408, 10199280, 24576552, 43236288, 57518388, 58812784, 46422488, 28126420, 12865874, 4305448, 995738, 142380, 9492	
7, 14	$\frac{71}{479001600}(x-14)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{3017}{71}x^3 + \frac{48433}{71}x^2 - \frac{348439}{71}x + \frac{953568}{71})$	19721, 118326, 412841, 979550, 1675921, 2127970, 2030217, 1455280, 774003, 296864, 77748, 12461, 923	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
7, 15	$\frac{7}{355829760}(x-15)(x-7)x(x^{11}-\frac{18751}{245}x^{10}+\frac{631822}{245}x^9-\frac{12320222}{245}x^8+\frac{153755457}{245}x^7-\frac{1282732659}{245}x^6+\frac{7256695084}{245}x^5-\frac{790010752}{7}x^4+\frac{1407985712}{5}x^3-\frac{3036744176}{7}x^2+\frac{12819271872}{35}x-\frac{624678912}{5})$	38024, 247156, 947856, 2494492, 4779656, 6877836, 7550528, 6354292, 4079278, 1966363, 690116, 166691, 24802, 1715	
8	$\frac{1}{5040}(x-8)(x^6-20x^5+162x^4-664x^3+1457x^2-1476x+1260)$	7, 21, 35, 35, 21, 7, 1	
8, 10	$\frac{1}{51840}(x-10)(x-8)(x^7-18x^6+\frac{850}{7}x^5-\frac{2340}{7}x^4+\frac{655}{7}x^3+\frac{10242}{7}x^2-\frac{15912}{7}x+2592)$	147, 588, 1218, 1596, 1398, 822, 313, 70, 7	
8, 10, 12	$\frac{7}{1900800}(x-12)(x-10)(x-8)(x^8-25x^7+\frac{5534}{21}x^6-\frac{10550}{7}x^5+\frac{742523}{147}x^4-\frac{486905}{49}x^3+\frac{1621952}{147}x^2-\frac{273220}{49}x+\frac{15840}{7})$	4620, 23100, 61149, 105996, 129118, 113388, 71845, 32172, 9688, 1764, 147	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
8, 10, 12, 14	$\frac{1}{1347840}(x-14)(x-12)(x-10)(x-8)(x^9 - 34x^8 + \frac{27229}{55}x^7 - \frac{19964}{5}x^6 + \frac{212649}{11}x^5 - 56946x^4 + \frac{37903477}{385}x^3 - \frac{3132992}{35}x^2 + \frac{2448660}{77}x + \frac{11232}{7})$	196482, 1178892, 3820102, 8294000, 13018382, 15277340, 13582106, 9142616, 4597894, 1677564, 420126, 64680, 4620	
8, 10, 12, 15	$\frac{1}{2695680}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1293600, 8408400, 30270240, 73993920, 132132000, 178378200, 184984800, 147987840, 90810720, 42042000, 14229600, 3326400, 480480, 32340	
8, 10, 13	$\frac{7}{3801600}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	26754, 147147, 441441, 882882, 1261260, 1324323, 1030029, 588588, 240786, 66885, 11319, 882	
8, 10, 13, 15	$\frac{7}{22809600}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	1284192, 8347248, 29582280, 70882812, 124023900, 164216052, 167266008, 131629680, 79570512, 36338400, 12146904, 2807406, 401310, 26754	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
8, 10, 14	$\frac{163}{296524800}(x-14)(x-10)(x-8)(x^{10} - \frac{8044}{163}x^9 + \frac{168475}{163}x^8 - \frac{1957252}{163}x^7 + \frac{13855245}{163}x^6 - \frac{61734756}{163}x^5 + \frac{1205510332}{1141}x^4 - \frac{2014911076}{1141}x^3 + \frac{1813354164}{1141}x^2 - \frac{660908880}{1141}x + \frac{14826240}{1141})$	<p>102414, 614484, 2062918, 4681820, 7679984, 9388340, 8659382, 6023276, 3118738, 1167768, 299292, 47040, 3423</p>	
8, 10, 15	$\frac{1}{8236800}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)(x^2 - \frac{919}{36}x + \frac{3013}{18})$	<p>316344, 2056236, 7636356, 19381362, 35885850, 50054004, 53423916, 43830696, 27497232, 12980100, 4469388, 1060857, 155337, 10584</p>	
8, 11	$\frac{1}{103680}(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	<p>770, 3465, 8316, 12936, 13860, 10395, 5390, 1848, 378, 35</p>	
8, 11, 13	$\frac{1}{622080}(x-13)(x-11)(x-8)(x-7)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-6)^2$	<p>28028, 154154, 454454, 888888, 1241240, 1275274, 972062, 545272, 219324, 59990, 10010, 770</p>	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
8, 11, 13, 15	$\frac{1}{3110400}(x-15)(x-13)(x-11)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-16x+68)$	1361360, 8848840, 31311280, 74874800, 130752440, 172830840, 175796320, 138192320, 83469456, 38096660, 12729640, 2941400, 420420, 28028	
8, 11, 14	$\frac{1}{1244160}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	175175, 1051050, 3468465, 7707700, 12387375, 14864850, 13488475, 9249240, 4729725, 1751750, 444675, 69300, 5005	
8, 11, 15	$\frac{1}{4147200}(x-15)(x-11)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2(x^2 - \frac{73}{3}x + \frac{454}{3})$	720720, 4684680, 17137120, 42722680, 77766780, 106827630, 112502040, 91224000, 56643552, 26497170, 9050580, 2132900, 310310, 21021	
8, 12	$\frac{17}{5702400}(x-12)(x-8)(x^9 - \frac{650}{17}x^8 + \frac{10393}{17}x^7 - 5300x^6 + \frac{3219721}{119}x^5 - \frac{577190}{7}x^4 + \frac{17152229}{119}x^3 - \frac{15090920}{119}x^2 + \frac{4467180}{119}x + \frac{237600}{17})$	2695, 13475, 36993, 67122, 85591, 78441, 51665, 23954, 7441, 1393, 119	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
8, 12, 14	$\frac{7}{16174080}(x-14)(x-12)(x-8)(x^{10}-44x^9 + \frac{320021}{385}x^8 - \frac{3394976}{385}x^7 + \frac{4442203}{77}x^6 - \frac{18505612}{77}x^5 + \frac{1708509673}{2695}x^4 - \frac{2731441128}{2695}x^3 + \frac{476581020}{539}x^2 - \frac{171659232}{539}x + \frac{673920}{49})$	<p>111969, 671814, 2184039, 4761900, 7504809, 8837790, 7879057, 5314932, 2677003, 977718, 245007, 37730, 2695</p>	
8, 12, 15	$\frac{7}{32348160}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	<p>754600, 4904900, 17657640, 43163120, 77077000, 104053950, 107907800, 86326240, 52972920, 24524500, 8300600, 1940400, 280280, 18865</p>	
8, 13	$\frac{47}{68428800}(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)(x^2 - \frac{1003}{47}x + \frac{5550}{47})$	<p>7644, 42042, 130130, 270270, 400400, 434434, 347802, 203840, 85260, 24150, 4158, 329</p>	
8, 13, 15	$\frac{1}{11404800}(x-15)(x-13)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^3 - 27x^2 + \frac{715}{3}x - \frac{2006}{3})$	<p>358904, 2332876, 8291920, 19943924, 35024080, 46521384, 47507656, 37461200, 22679496, 10368470, 3468388, 801962, 114660, 7644</p>	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
8, 14	$\frac{113}{889574400}(x-14)(x-8)(x^{11} - \frac{6939}{113}x^{10} + \frac{184685}{113}x^9 - \frac{2792387}{113}x^8 + \frac{26437355}{113}x^7 - \frac{162942101}{113}x^6 + \frac{4607717865}{791}x^5 - \frac{11959880231}{791}x^4 + \frac{18901025544}{791}x^3 - \frac{16162514100}{791}x^2 + \frac{5501949840}{791}x + \frac{222393600}{791})$	<p>18863, 113178, 389961, 912340, 1540383, 1932450, 1823729, 1294482, 682381, 259616, 67494, 10745, 791</p>	
8, 15	$\frac{7}{355829760}(x-15)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^4 - \frac{1626}{35}x^3 + \frac{28499}{35}x^2 - \frac{223488}{35}x + \frac{94916}{5})$	<p>42028, 273182, 1036672, 2696694, 5110560, 7279818, 7917812, 6606712, 4208148, 2013865, 702086, 168539, 24934, 1715</p>	
9	$\frac{1}{40320}(x-9)x(x^6 - 27x^5 + 303x^4 - 1809x^3 + 6168x^2 - 11772x + 12176)$	<p>8, 28, 56, 70, 56, 28, 8, 1</p>	
9, 11	$\frac{1}{453600}(x-11)(x-9)x(x+2)(x^6 - 27x^5 + \frac{605}{2}x^4 - 1800x^3 + \frac{12173}{2}x^2 - 11403x + 10620)$	<p>200, 900, 2136, 3276, 3456, 2550, 1300, 438, 88, 8</p>	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
9, 11, 13	$\frac{1}{2395008}(x-13)(x-11)(x-9)x(x^8-33x^7+\frac{11661}{25}x^6-\frac{91707}{25}x^5+\frac{87486}{5}x^4-\frac{258456}{5}x^3+\frac{2318024}{25}x^2-\frac{2339568}{25}x+\frac{241344}{5})$	7328, 40304, 118712, 231924, 323488, 332024, 252872, 141756, 56992, 15584, 2600, 200	
9, 11, 13, 15	$\frac{229}{2724321600}(x-15)(x-13)(x-11)(x-9)x(x^9-43x^8+\frac{183902}{229}x^7-\frac{1945167}{229}x^6+\frac{12758613}{229}x^5-\frac{53430846}{229}x^4+\frac{141656888}{229}x^3-\frac{226716968}{229}x^2+\frac{195670288}{229}x-\frac{66545472}{229})$	356144, 2314936, 8190624, 19584136, 34195824, 45196632, 45968928, 36133992, 21824464, 9960752, 3328240, 769040, 109920, 7328	
9, 11, 14	$\frac{1}{4790016}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	45500, 273000, 900900, 2002000, 3217500, 3861000, 3503500, 2402400, 1228500, 455000, 115500, 18000, 1300	
9, 11, 15	$\frac{151}{2421619200}(x-15)(x-11)(x-9)x(x^{10}-\frac{80654}{1359}x^9+\frac{229922}{151}x^8-\frac{30131128}{1359}x^7+\frac{30552571}{151}x^6-\frac{181977810}{151}x^5+\frac{2139947252}{453}x^4-\frac{16256915752}{1359}x^3+\frac{8417431904}{453}x^2-\frac{21493411136}{1359}x+\frac{2515665152}{453})$	185928, 1208532, 4422288, 11028732, 20082088, 27594684, 29067536, 23574604, 14640568, 6849624, 2339880, 551480, 80240, 5436	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
9, 12	$\frac{1}{907200}(x-12)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1144, 5720, 15444, 27456, 34320, 30888, 20020, 9152, 2808, 520, 44	
9, 12, 14	$\frac{1}{5443200}(x-14)(x-12)(x-9)(x-8)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-7)^2$	48048, 288288, 935792, 2036320, 3203200, 3766048, 3353168, 2259712, 1137360, 415200, 104016, 16016, 1144	
9, 12, 15	$\frac{1}{10886400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	320320, 2082080, 7495488, 18322304, 32718400, 44169840, 45805760, 36644608, 22486464, 10410400, 3523520, 823680, 118976, 8008	
9, 13	$\frac{41}{119750400}(x-13)(x-9)x(x^9 - \frac{1936}{41}x^8 + \frac{39060}{41}x^7 - \frac{439758}{41}x^6 + \frac{3029187}{41}x^5 - \frac{13153074}{41}x^4 + \frac{35670520}{41}x^3 - \frac{57356552}{41}x^2 + \frac{48044592}{41}x - \frac{13337280}{41})$	4344, 23892, 72776, 148302, 215776, 230384, 181872, 105298, 43576, 12228, 2088, 164	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
9, 13, 15	$\frac{181}{3632428800}(x-15)(x-13)(x-9)x(x^{10}-54x^9+690836x^8-\frac{9325066}{543}x^7+\frac{26537959}{543}x^6-\frac{149176356}{181}x^5+\frac{556496256}{181}x^4-\frac{1352089688}{181}x^3+\frac{6095100880}{543}x^2-\frac{5064135200}{543}x+\frac{588275072}{181})$	<p>206312, 1341028, 4759248, 11424556, 20024888, 26554788, 27081552, 21332364, 12904792, 5896424, 1971688, 455792, 65160, 4344</p>	
9, 14	$\frac{19}{239500800}(x-14)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2-\frac{443}{19}x+\frac{2662}{19})$	<p>13286, 79716, 270842, 623480, 1036750, 1282996, 1196286, 840112, 438690, 165500, 42702, 6752, 494</p>	
9, 15	$\frac{643}{43589145600}(x-15)(x-9)x(x^{11}-\frac{46539}{643}x^{10}+\frac{1479940}{643}x^9-\frac{27198606}{643}x^8+\frac{319847791}{643}x^7-\frac{2517385899}{643}x^6+\frac{13471732562}{643}x^5-\frac{48757850460}{643}x^4+\frac{116163553016}{643}x^3-\frac{171880094112}{643}x^2+\frac{140140413248}{643}x-\frac{46136073984}{643})$	<p>35164, 228566, 857064, 2199626, 4115956, 5795946, 6238984, 5157626, 3257668, 1547188, 535676, 127784, 18796, 1286</p>	
10	$\frac{1}{362880}(x-10)(x^8-35x^7+520x^6-4250x^5+20773x^4-61595x^3+107730x^2-95400x+72576)$	<p>9, 36, 84, 126, 126, 84, 36, 9, 1</p>	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
10, 12	$\frac{1}{4435200}(x-12)(x-10)(x^9 - 33x^8 + \frac{4046}{9}x^7 - \frac{28798}{9}x^6 + \frac{109481}{9}x^5 - \frac{175153}{9}x^4 - \frac{158776}{9}x^3 + \frac{1091288}{9}x^2 - \frac{455320}{3}x + 147840)$	264, 1320, 3531, 6204, 7656, 6798, 4345, 1958, 592, 108, 9	
10, 12, 14	$\frac{1}{23587200}(x-14)(x-12)(x-10)(x^{10} - 42x^9 + \frac{8430}{11}x^8 - \frac{87339}{11}x^7 + \frac{564109}{11}x^6 - \frac{2346708}{11}x^5 + \frac{6271640}{11}x^4 - \frac{10385031}{11}x^3 + \frac{9862690}{11}x^2 - \frac{4316460}{11}x + 112320)$	11154, 66924, 217074, 471900, 741598, 871156, 775086, 522028, 262630, 95844, 24006, 3696, 264	
10, 12, 15	$\frac{1}{47174400}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	73920, 480480, 1729728, 4228224, 7550400, 10193040, 10570560, 8456448, 5189184, 2402400, 813120, 190080, 27456, 1848	
10, 13	$\frac{1}{8870400}(x-13)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	1638, 9009, 27027, 54054, 77220, 81081, 63063, 36036, 14742, 4095, 693, 54	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
10, 13, 15	$\frac{1}{53222400}(x-15)(x-13)(x-10)(x-9)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x-8)^2$	78624, 511056, 1811160, 4339764, 7593300, 10054044, 10240776, 8058960, 4871664, 2224800, 743688, 171882, 24570, 1638	
10, 14	$\frac{73}{2075673600}(x-14)(x-10)(x^{11} - \frac{4176}{73}x^{10} + \frac{103809}{73}x^9 - \frac{1471344}{73}x^8 + \frac{13116383}{73}x^7 - \frac{76479312}{73}x^6 + \frac{293563291}{73}x^5 - \frac{726003216}{73}x^4 + \frac{1091442044}{73}x^3 - \frac{872985312}{73}x^2 + \frac{254894400}{73}x + \frac{59304960}{73})$	6708, 40248, 134706, 304590, 497926, 606892, 558402, 387634, 200380, 74928, 19182, 3012, 219	
10, 15	$\frac{17}{2075673600}(x-15)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x(x^2 - \frac{430}{17}x + \frac{2790}{17})$	22008, 143052, 529308, 1337622, 2466750, 3428568, 3648372, 2985528, 1868832, 880500, 302676, 71739, 10491, 714	
11	$\frac{1}{3628800}(x-11)x(x^8 - 44x^7 + 836x^6 - 8954x^5 + 59279x^4 - 249986x^3 + 667084x^2 - 1071576x + 966240)$	10, 45, 120, 210, 252, 210, 120, 45, 10, 1	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
11, 13	$\frac{1}{47900160}(x-13)(x-11)x(x+2)(x^8-44x^7+\frac{4178}{5}x^6-\frac{44704}{5}x^5+\frac{295397}{5}x^4-\frac{1241284}{5}x^3+657204x^2-\frac{5176512}{5}x+841536)$	340, 1870, 5566, 11022, 15576, 16170, 12430, 7018, 2836, 778, 130, 10	
11, 13, 15	$\frac{17}{4358914560}(x-15)(x-13)(x-11)x(x^{10}-52x^9+\frac{20218}{17}x^8-\frac{266916}{17}x^7+\frac{11224689}{85}x^6-\frac{62617464}{85}x^5+\frac{233783192}{85}x^4-\frac{114987808}{17}x^3+\frac{891430096}{85}x^2-\frac{794616576}{85}x+\frac{348864768}{85})$	16408, 106652, 377728, 904332, 1581008, 2091804, 2129296, 1674764, 1011976, 462004, 154400, 35680, 5100, 340	
11, 14	$\frac{1}{95800320}(x-14)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	2275, 13650, 45045, 100100, 160875, 193050, 175175, 120120, 61425, 22750, 5775, 900, 65	
11, 15	$\frac{19}{5811886080}(x-15)(x-11)x(x^{11}-\frac{3887}{57}x^{10}+\frac{38920}{19}x^9-\frac{2033590}{57}x^8+\frac{37912419}{95}x^7-\frac{284932921}{95}x^6+\frac{1461434334}{95}x^5-\frac{15254519228}{285}x^4+\frac{11662490616}{95}x^3-\frac{49704140512}{285}x^2+\frac{12775239296}{95}x-\frac{3580921344}{95})$	9996, 64974, 237016, 588874, 1068496, 1463748, 1537952, 1244698, 771652, 360498, 123000, 28960, 4210, 285	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
12	$\frac{1}{39916800}(x-12)(x^{10} - 54x^9 + 1277x^8 - 17346x^7 + 149271x^6 - 846306x^5 + 3183863x^4 - 7789374x^3 + 11785588x^2 - 9490920x + 6652800)$	11, 55, 165, 330, 462, 462, 330, 165, 55, 11, 1	
12, 14	$\frac{1}{566092800}(x-14)(x-12)(x^{11} - 52x^{10} + \frac{12855}{11}x^9 - \frac{162552}{11}x^8 + \frac{1257501}{11}x^7 - \frac{5996172}{11}x^6 + 1474175x^5 - \frac{14882608}{11}x^4 - \frac{43882932}{11}x^3 + \frac{155825904}{11}x^2 - \frac{169558560}{11}x + 13478400)$	429, 2574, 8437, 18590, 29601, 35178, 31603, 21450, 10855, 3978, 999, 154, 11	
12, 15	$\frac{1}{1132185600}(x-15)(x-12)(x-11)(x-10)(x-9)(x-8)(x-7)(x-6)(x-5)(x-4)(x-3)(x-2)(x-1)x$	3080, 20020, 72072, 176176, 314600, 424710, 440440, 352352, 216216, 100100, 33880, 7920, 1144, 77	
13	$\frac{1}{479001600}(x-13)x(x^{10} - 65x^9 + 1872x^8 - 31434x^7 + 340821x^6 - 2495961x^5 + 12542738x^4 - 43014556x^3 + 98017608x^2 - 139785984x + 114341760)$	12, 66, 220, 495, 792, 924, 792, 495, 220, 66, 12, 1	

S	$p_S(x)$	$(\Delta^j p_S)(m), j \in [m-1]$	Roots of $p_S(z)$
13, 15	$\frac{1}{7264857600}(x-15)(x-13)x(x+2)(x^{10}-65x^9 + \frac{5615}{3}x^8 - \frac{94250}{3}x^7 + \frac{1021237}{3}x^6 - \frac{7470827}{3}x^5 + \frac{37472341}{3}x^4 - \frac{128062376}{3}x^3 + \frac{289590692}{3}x^2 - 134970784x + 99645504)$	532, 3458, 12376, 30030, 53196, 71214, 73216, 58058, 35308, 16198, 5432, 1258, 180, 12	
14	$\frac{1}{6227020800}(x-14)(x^{12}-77x^{11}+2653x^{10}-53949x^9+719187x^8-6601035x^7+42621983x^6-194235391x^5+616823312x^4-1322177388x^3+1803269664x^2-1350941760x+889574400)$	13, 78, 286, 715, 1287, 1716, 1716, 1287, 715, 286, 78, 13, 1	
15	$\frac{1}{87178291200}(x-15)x(x^{12}-90x^{11}+3655x^{10}-88500x^9+1422247x^8-15978570x^7+128733065x^6-750457800x^5+3152455928x^4-9376527840x^3+19073688080x^2-24883939200x+18897709824)$	14, 91, 364, 1001, 2002, 3003, 3432, 3003, 2002, 1001, 364, 91, 14, 1	

SAGE CODE

```

def is_admissible(S):
    if len(S) != 0 and min(S) <= 1:
        return False
    for i in range(len(S) - 1):
        if S[i] + 1 == S[i + 1]:
            return False
    return True

peak_polynomial_cache = dict()
def peak_polynomial(S):
    R.<n> = QQ[]
    if S in peak_polynomial_cache:
        return peak_polynomial_cache[S]
    if not is_admissible(S):
        return 0
    elif len(S) == 0:
        return 1
    m = max(S)
    if len(S) == 1:
        p = binomial(n - 1, m - 1) - 1
    else:
        S_1, S_2 = S[:-1], S[:-1] + tuple([S[-1] - 1])
        p_1, p_2 = peak_polynomial(S_1), peak_polynomial(S_2)
        p = p_1(n=m - 1)*binomial(n, m - 1) - 2*p_1 - p_2
    peak_polynomial_cache[S] = p
    return p

def positivity_conjecture_coefficients(S, p):
    if len(S) == 0:
        return (1,)
    m = max(S)
    coefficients = ()
    for k in range(1, m):
        c_k = sum([((-1)^(k - i))*binomial(k, i)*p(n=m + i) for i in range(k, -1, -1)])
        coefficients += (c_k,)
    return coefficients

def plot_complex_zeros(p):
    complex_roots = []
    for r in p.roots(ring=ComplexField(500)):
        complex_roots.append([r[0].real(), r[0].imag()])
    roots_plot = scatter_plot(complex_roots, edgecolor='red', facecolor='red', markersize=30,
                              xmin=-3.5, xmax=15.5, ymin=-5, ymax=5, figsize=[4, 3])
    return roots_plot

```


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