

Collections of Hilbert Series Data

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1 N=2

1.1 E=3

Table 1: Quivers with 2 Vertices and 3 Edges

Dimension	Degree	Hilbert Series	Count
0	1	$(T^2 - 2T + 1)/(-T + 1)^2$	1

1.2 E=4

Table 2: Quivers with 2 Vertices and 4 Edges

Dimension	Degree	Hilbert Series	Count
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	16
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	10

1.3 E=5

Table 3: Quivers with 2 Vertices and 5 Edges

Dimension	Degree	Hilbert Series	Count
2	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^8$	36
2	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^8$	123
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	782
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	86
2	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^8$	13

1.4 E=6

Table 4: Quivers with 2 Vertices and 6 Edges

Dimension	Degree	Hilbert Series	Count
1	3	$(-2T^{16} + 29T^{15} - 195T^{14} + 805T^{13} - 2275T^{12} + 4641T^{11} - 7007T^{10} + 7865T^9 - 6435T^8 + 3575T^7 - 1001T^6 - 273T^5 + 455T^4 - 245T^3 + 75T^2 - 13T + 1)/(-T + 1)^{16}$	281
1	2	$(-T^{16} + 14T^{15} - 90T^{14} + 350T^{13} - 910T^{12} + 1638T^{11} - 2002T^{10} + 1430T^9 - 1430T^7 + 2002T^6 - 1638T^5 + 910T^4 - 350T^3 + 90T^2 - 14T + 1)/(-T + 1)^{16}$	564
3	6	$(-T^{15} + 9T^{14} - 27T^{13} - 13T^{12} + 351T^{11} - 1287T^{10} + 2717T^9 - 3861T^8 + 3861T^7 - 2717T^6 + 1287T^5 - 351T^4 + 13T^3 + 27T^2 - 9T + 1)/(-T + 1)^{16}$	31
1	4	$(-3T^{16} + 44T^{15} - 300T^{14} + 1260T^{13} - 3640T^{12} + 7644T^{11} - 12012T^{10} + 14300T^9 - 12870T^8 + 8580T^7 - 4004T^6 + 1092T^5 - 140T^3 + 60T^2 - 12T + 1)/(-T + 1)^{16}$	115
1	1	$(-T^{15} + 15T^{14} - 105T^{13} + 455T^{12} - 1365T^{11} + 3003T^{10} - 5005T^9 + 6435T^8 - 6435T^7 + 5005T^6 - 3003T^5 + 1365T^4 - 455T^3 + 105T^2 - 15T + 1)/(-T + 1)^{16}$	272
2	1	$(T^{14} - 14T^{13} + 91T^{12} - 364T^{11} + 1001T^{10} - 2002T^9 + 3003T^8 - 3432T^7 + 3003T^6 - 2002T^5 + 1001T^4 - 364T^3 + 91T^2 - 14T + 1)/(-T + 1)^{16}$	64
2	2	$(T^{15} - 13T^{14} + 77T^{13} - 273T^{12} + 637T^{11} - 1001T^{10} + 1001T^9 - 429T^8 - 429T^7 + 1001T^6 - 1001T^5 + 637T^4 - 273T^3 + 77T^2 - 13T + 1)/(-T + 1)^{16}$	62
1	5	$(-4T^{16} + 59T^{15} - 405T^{14} + 1715T^{13} - 5005T^{12} + 10647T^{11} - 17017T^{10} + 20735T^9 - 19305T^8 + 13585T^7 - 7007T^6 + 2457T^5 - 455T^4 - 35T^3 + 45T^2 - 11T + 1)/(-T + 1)^{16}$	23
3	4	$(-3T^{14} + 38T^{13} - 221T^{12} + 780T^{11} - 1859T^{10} + 3146T^9 - 3861T^8 + 3432T^7 - 2145T^6 + 858T^5 - 143T^4 - 52T^3 + 39T^2 - 10T + 1)/(-T + 1)^{16}$	1
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Dimension	Degree	Hilbert Series	Count
1	6	$(-5T^{16} + 74T^{15} - 510T^{14} + 2170T^{13} - 6370T^{12} + 13650T^{11} - 22022T^{10} + 27170T^9 - 25740T^8 + 18590T^7 - 10010T^6 + 3822T^5 - 910T^4 + 70T^3 + 30T^2 - 10T + 1)/(-T + 1)^{16}$	4
3	10	$(-2T^{15} + 19T^{14} - 66T^{13} + 39T^{12} + 494T^{11} - 2145T^{10} + 4862T^9 - 7293T^8 + 7722T^7 - 5863T^6 + 3146T^5 - 1131T^4 + 234T^3 - 11T^2 - 6T + 1)/(-T + 1)^{16}$	4
3	6	$(-5T^{14} + 64T^{13} - 377T^{12} + 1352T^{11} - 3289T^{10} + 5720T^9 - 7293T^8 + 6864T^7 - 4719T^6 + 2288T^5 - 715T^4 + 104T^3 + 13T^2 - 8T + 1)/(-T + 1)^{16}$	3
0	1	$(T^{16} - 16T^{15} + 120T^{14} - 560T^{13} + 1820T^{12} - 4368T^{11} + 8008T^{10} - 11440T^9 + 12870T^8 - 11440T^7 + 8008T^6 - 4368T^5 + 1820T^4 - 560T^3 + 120T^2 - 16T + 1)/(-T + 1)^{16}$	1074
2	4	$(3T^{15} - 41T^{14} + 259T^{13} - 1001T^{12} + 2639T^{11} - 5005T^{10} + 7007T^9 - 7293T^8 + 5577T^7 - 3003T^6 + 1001T^5 - 91T^4 - 91T^3 + 49T^2 - 11T + 1)/(-T + 1)^{16}$	2

2 N=3

2.1 E=3

Table 5: Quivers with 3 Vertices and 3 Edges

Dimension	Degree	Hilbert Series	Count
0	1	1	1

2.2 E=4

Table 6: Quivers with 3 Vertices and 4 Edges

Dimension	Degree	Hilbert Series	Count
0	1	$(T^2 - 2T + 1)/(-T + 1)^2$	4

2.3 E=5

Table 7: Quivers with 3 Vertices and 5 Edges

Dimension	Degree	Hilbert Series	Count
1	1	$(T^2 - 2T + 1)/(-T + 1)^3$	1
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	6
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	20
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	62

2.4 E=6

Table 8: Quivers with 3 Vertices and 6 Edges

Dimension	Degree	Hilbert Series	Count
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	2239
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	828
2	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^8$	323
2	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^8$	22
2	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^8$	58
2	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^6$	44
2	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^6$	16
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	5
3	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^6$	1
0	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^6$	12
1	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^6$	4
3	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^8$	72
3	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^8$	34
1	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^8$	16
1	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^5$	8
2	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^5$	5
2	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^5$	2
1	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^5$	2
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	2

2.5 E=7

Table 9: Quivers with 3 Vertices and 7 Edges

Dimension	Degree	Hilbert Series	Count
3	4	$(-3T^8 + 20T^7 - 56T^6 + 84T^5 - 70T^4 + 28T^3 - 4T + 1)/(-T + 1)^{10}$	23
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Dimension	Degree	Hilbert Series	Count
3	2	$(T^9 - 9T^8 + 34T^7 - 70T^6 + 84T^5 - 56T^4 + 14T^3 + 6T^2 - 5T + 1)/(-T + 1)^{10}$	79
4	6	$(T^8 - 2T^7 - 8T^6 + 34T^5 - 50T^4 + 34T^3 - 8T^2 - 2T + 1)/(-T + 1)^{10}$	1
3	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^{10}$	57
0	1	$(T^{16} - 16T^{15} + 120T^{14} - 560T^{13} + 1820T^{12} - 4368T^{11} + 8008T^{10} - 11440T^9 + 12870T^8 - 11440T^7 + 8008T^6 - 4368T^5 + 1820T^4 - 560T^3 + 120T^2 - 16T + 1)/(-T + 1)^{16}$	3045
1	2	$(-T^{16} + 14T^{15} - 90T^{14} + 350T^{13} - 910T^{12} + 1638T^{11} - 2002T^{10} + 1430T^9 - 1430T^7 + 2002T^6 - 1638T^5 + 910T^4 - 350T^3 + 90T^2 - 14T + 1)/(-T + 1)^{16}$	630
1	1	$(-T^{15} + 15T^{14} - 105T^{13} + 455T^{12} - 1365T^{11} + 3003T^{10} - 5005T^9 + 6435T^8 - 6435T^7 + 5005T^6 - 3003T^5 + 1365T^4 - 455T^3 + 105T^2 - 15T + 1)/(-T + 1)^{16}$	528
3	6	$(-T^{15} + 9T^{14} - 27T^{13} - 13T^{12} + 351T^{11} - 1287T^{10} + 2717T^9 - 3861T^8 + 3861T^7 - 2717T^6 + 1287T^5 - 351T^4 + 13T^3 + 27T^2 - 9T + 1)/(-T + 1)^{16}$	9
1	4	$(-3T^{16} + 44T^{15} - 300T^{14} + 1260T^{13} - 3640T^{12} + 7644T^{11} - 12012T^{10} + 14300T^9 - 12870T^8 + 8580T^7 - 4004T^6 + 1092T^5 - 140T^3 + 60T^2 - 12T + 1)/(-T + 1)^{16}$	50
1	3	$(-2T^{16} + 29T^{15} - 195T^{14} + 805T^{13} - 2275T^{12} + 4641T^{11} - 7007T^{10} + 7865T^9 - 6435T^8 + 3575T^7 - 1001T^6 - 273T^5 + 455T^4 - 245T^3 + 75T^2 - 13T + 1)/(-T + 1)^{16}$	156
2	1	$(T^{14} - 14T^{13} + 91T^{12} - 364T^{11} + 1001T^{10} - 2002T^9 + 3003T^8 - 3432T^7 + 3003T^6 - 2002T^5 + 1001T^4 - 364T^3 + 91T^2 - 14T + 1)/(-T + 1)^{16}$	43
3	6	$(-5T^{14} + 64T^{13} - 377T^{12} + 1352T^{11} - 3289T^{10} + 5720T^9 - 7293T^8 + 6864T^7 - 4719T^6 + 2288T^5 - 715T^4 + 104T^3 + 13T^2 - 8T + 1)/(-T + 1)^{16}$	5
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Dimension	Degree	Hilbert Series	Count
2	2	$(T^{15} - 13T^{14} + 77T^{13} - 273T^{12} + 637T^{11} - 1001T^{10} + 1001T^9 - 429T^8 - 429T^7 + 1001T^6 - 1001T^5 + 637T^4 - 273T^3 + 77T^2 - 13T + 1)/(-T + 1)^{16}$	283
2	2	$(-T^{16} + 16T^{15} - 118T^{14} + 532T^{13} - 1638T^{12} + 3640T^{11} - 6006T^{10} + 7436T^9 - 6864T^8 + 4576T^7 - 2002T^6 + 364T^5 + 182T^4 - 168T^3 + 62T^2 - 12T + 1)/(-T + 1)^{16}$	91
2	2	$(-2T^{16} + 31T^{15} - 223T^{14} + 987T^{13} - 3003T^{12} + 6643T^{11} - 11011T^{10} + 13871T^9 - 13299T^8 + 9581T^7 - 5005T^6 + 1729T^5 - 273T^4 - 63T^3 + 47T^2 - 11T + 1)/(-T + 1)^{16}$	25
2	3	$(-T^{16} + 17T^{15} - 132T^{14} + 623T^{13} - 2002T^{12} + 4641T^{11} - 8008T^{10} + 10439T^9 - 10296T^8 + 7579T^7 - 4004T^6 + 1365T^5 - 182T^4 - 77T^3 + 48T^2 - 11T + 1)/(-T + 1)^{16}$	24
2	3	$(2T^{15} - 27T^{14} + 168T^{13} - 637T^{12} + 1638T^{11} - 3003T^{10} + 4004T^9 - 3861T^8 + 2574T^7 - 1001T^6 + 273T^4 - 182T^3 + 63T^2 - 12T + 1)/(-T + 1)^{16}$	67
2	1	$(-T^{16} + 15T^{15} - 104T^{14} + 441T^{13} - 1274T^{12} + 2639T^{11} - 4004T^{10} + 4433T^9 - 3432T^8 + 1573T^7 - 637T^5 + 546T^4 - 259T^3 + 76T^2 - 13T + 1)/(-T + 1)^{16}$	14
2	4	$(3T^{15} - 41T^{14} + 259T^{13} - 1001T^{12} + 2639T^{11} - 5005T^{10} + 7007T^9 - 7293T^8 + 5577T^7 - 3003T^6 + 1001T^5 - 91T^4 - 91T^3 + 49T^2 - 11T + 1)/(-T + 1)^{16}$	5
1	5	$(-4T^{16} + 59T^{15} - 405T^{14} + 1715T^{13} - 5005T^{12} + 10647T^{11} - 17017T^{10} + 20735T^9 - 19305T^8 + 13585T^7 - 7007T^6 + 2457T^5 - 455T^4 - 35T^3 + 45T^2 - 11T + 1)/(-T + 1)^{16}$	9
3	8	$(-T^{15} + 7T^{14} - T^{13} - 169T^{12} + 923T^{11} - 2717T^{10} + 5291T^9 - 7293T^8 + 7293T^7 - 5291T^6 + 2717T^5 - 923T^4 + 169T^3 + T^2 - 7T + 1)/(-T + 1)^{16}$	3
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Dimension	Degree	Hilbert Series	Count
2	2	$(-3T^{16} + 46T^{15} - 328T^{14} + 1442T^{13} - 4368T^{12} + 9646T^{11} - 16016T^{10} + 20306T^9 - 19734T^8 + 14586T^7 - 8008T^6 + 3094T^5 - 728T^4 + 42T^3 + 32T^2 - 10T + 1)/(-T + 1)^{16}$	1
2	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^{10}$	546
2	2	$(T^9 - 7T^8 + 20T^7 - 28T^6 + 14T^5 + 14T^4 - 28T^3 + 20T^2 - 7T + 1)/(-T + 1)^{10}$	75
3	3	$(-2T^8 + 13T^7 - 35T^6 + 49T^5 - 35T^4 + 7T^3 + 7T^2 - 5T + 1)/(-T + 1)^{10}$	36
3	1	$(T^9 - 8T^8 + 27T^7 - 49T^6 + 49T^5 - 21T^4 - 7T^3 + 13T^2 - 6T + 1)/(-T + 1)^{10}$	5
3	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^6$	2
1	1	$(-T^9 + 9T^8 - 36T^7 + 84T^6 - 126T^5 + 126T^4 - 84T^3 + 36T^2 - 9T + 1)/(-T + 1)^{10}$	132
0	1	$(T^{10} - 10T^9 + 45T^8 - 120T^7 + 210T^6 - 252T^5 + 210T^4 - 120T^3 + 45T^2 - 10T + 1)/(-T + 1)^{10}$	163
2	3	$(2T^9 - 15T^8 + 48T^7 - 84T^6 + 84T^5 - 42T^4 + 12T^2 - 6T + 1)/(-T + 1)^{10}$	4
2	4	$(-T^{16} + 18T^{15} - 146T^{14} + 714T^{13} - 2366T^{12} + 5642T^{11} - 10010T^{10} + 13442T^9 - 13728T^8 + 10582T^7 - 6006T^6 + 2366T^5 - 546T^4 + 14T^3 + 34T^2 - 10T + 1)/(-T + 1)^{16}$	6
4	6	$(-T^{14} + 18T^{13} - 137T^{12} + 604T^{11} - 1749T^{10} + 3542T^9 - 5181T^8 + 5544T^7 - 4323T^6 + 2398T^5 - 891T^4 + 188T^3 - 7T^2 - 6T + 1)/(-T + 1)^{16}$	1
2	1	$(-2T^{16} + 30T^{15} - 209T^{14} + 896T^{13} - 2639T^{12} + 5642T^{11} - 9009T^{10} + 10868T^9 - 9867T^8 + 6578T^7 - 3003T^6 + 728T^5 + 91T^4 - 154T^3 + 61T^2 - 12T + 1)/(-T + 1)^{16}$	1
0	1	$(T^{12} - 12T^{11} + 66T^{10} - 220T^9 + 495T^8 - 792T^7 + 924T^6 - 792T^5 + 495T^4 - 220T^3 + 66T^2 - 12T + 1)/(-T + 1)^{12}$	157
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Dimension	Degree	Hilbert Series	Count
3	3	$(-2T^{10} + 17T^9 - 63T^8 + 132T^7 - 168T^6 + 126T^5 - 42T^4 - 12T^3 + 18T^2 - 7T + 1)/(-T + 1)^{12}$	22
1	2	$(-T^{12} + 10T^{11} - 44T^{10} + 110T^9 - 165T^8 + 132T^7 - 132T^5 + 165T^4 - 110T^3 + 44T^2 - 10T + 1)/(-T + 1)^{12}$	261
1	1	$(-T^{11} + 11T^{10} - 55T^9 + 165T^8 - 330T^7 + 462T^6 - 462T^5 + 330T^4 - 165T^3 + 55T^2 - 11T + 1)/(-T + 1)^{12}$	798
2	3	$(-T^{12} + 13T^{11} - 74T^{10} + 245T^9 - 525T^8 + 762T^7 - 756T^6 + 498T^5 - 195T^4 + 25T^3 + 14T^2 - 7T + 1)/(-T + 1)^{12}$	4
2	3	$(2T^{11} - 19T^{10} + 80T^9 - 195T^8 + 300T^7 - 294T^6 + 168T^5 - 30T^4 - 30T^3 + 25T^2 - 8T + 1)/(-T + 1)^{12}$	2
3	2	$(-T^{10} + 8T^9 - 27T^8 + 48T^7 - 42T^6 + 42T^4 - 48T^3 + 27T^2 - 8T + 1)/(-T + 1)^{12}$	129
2	1	$(T^{10} - 10T^9 + 45T^8 - 120T^7 + 210T^6 - 252T^5 + 210T^4 - 120T^3 + 45T^2 - 10T + 1)/(-T + 1)^{12}$	22
2	2	$(-T^{12} + 12T^{11} - 64T^{10} + 200T^9 - 405T^8 + 552T^7 - 504T^6 + 288T^5 - 75T^4 - 20T^3 + 24T^2 - 8T + 1)/(-T + 1)^{12}$	15
2	1	$(-T^{12} + 11T^{11} - 54T^{10} + 155T^9 - 285T^8 + 342T^7 - 252T^6 + 78T^5 + 45T^4 - 65T^3 + 34T^2 - 9T + 1)/(-T + 1)^{12}$	1
2	2	$(T^{11} - 9T^{10} + 35T^9 - 75T^8 + 90T^7 - 42T^6 - 42T^5 + 90T^4 - 75T^3 + 35T^2 - 9T + 1)/(-T + 1)^{12}$	23
1	3	$(-2T^{12} + 21T^{11} - 99T^{10} + 275T^9 - 495T^8 + 594T^7 - 462T^6 + 198T^5 - 55T^3 + 33T^2 - 9T + 1)/(-T + 1)^{12}$	43
3	5	$(-4T^{10} + 35T^9 - 135T^8 + 300T^7 - 420T^6 + 378T^5 - 210T^4 + 60T^3 - 5T + 1)/(-T + 1)^{12}$	7
3	2	$(T^{11} - 11T^{10} + 53T^9 - 147T^8 + 258T^7 - 294T^6 + 210T^5 - 78T^4 - 3T^3 + 17T^2 - 7T + 1)/(-T + 1)^{12}$	5
3	6	$(-T^{11} + 5T^{10} - T^9 - 51T^8 + 174T^7 - 294T^6 + 294T^5 - 174T^4 + 51T^3 + T^2 - 5T + 1)/(-T + 1)^{12}$	5
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Dimension	Degree	Hilbert Series	Count
3	7	$(-T^{11} + 4T^{10} + 8T^9 - 87T^8 + 258T^7 - 420T^6 + 420T^5 - 258T^4 + 87T^3 - 8T^2 - 4T + 1)/(-T + 1)^{12}$	3
3	3	$(T^{11} - 12T^{10} + 62T^9 - 183T^8 + 342T^7 - 420T^6 + 336T^5 - 162T^4 + 33T^3 + 8T^2 - 6T + 1)/(-T + 1)^{12}$	2
4	6	$(T^{10} - 4T^9 - 3T^8 + 48T^7 - 126T^6 + 168T^5 - 126T^4 + 48T^3 - 3T^2 - 4T + 1)/(-T + 1)^{12}$	1
3	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^9$	31
3	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^9$	73
2	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^6$	8
3	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	5
0	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^6$	16
1	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^6$	10
3	5	$(4T^7 - 23T^6 + 54T^5 - 65T^4 + 40T^3 - 9T^2 - 2T + 1)/(-T + 1)^9$	2
2	2	$(2T^9 - 17T^8 + 62T^7 - 126T^6 + 154T^5 - 112T^4 + 42T^3 - 2T^2 - 4T + 1)/(-T + 1)^9$	26
3	4	$(T^8 - 4T^7 + 4T^6 + 4T^5 - 10T^4 + 4T^3 + 4T^2 - 4T + 1)/(-T + 1)^9$	24
2	1	$(T^9 - 8T^8 + 27T^7 - 49T^6 + 49T^5 - 21T^4 - 7T^3 + 13T^2 - 6T + 1)/(-T + 1)^9$	56
3	8	$(3T^8 - 14T^7 + 22T^6 - 6T^5 - 20T^4 + 22T^3 - 6T^2 - 2T + 1)/(-T + 1)^9$	6
3	6	$(2T^8 - 9T^7 + 13T^6 - T^5 - 15T^4 + 13T^3 - T^2 - 3T + 1)/(-T + 1)^9$	8
2	1	$(2T^9 - 16T^8 + 55T^7 - 105T^6 + 119T^5 - 77T^4 + 21T^3 + 5T^2 - 5T + 1)/(-T + 1)^9$	48
3	3	$(-T^8 + 9T^7 - 32T^6 + 59T^5 - 60T^4 + 31T^3 - 4T^2 - 3T + 1)/(-T + 1)^9$	6
2	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^9$	16
3	3	$(T^8 - 5T^7 + 10T^6 - 11T^5 + 10T^4 - 11T^3 + 10T^2 - 5T + 1)/(-T + 1)^9$	18
2	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^9$	67
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Dimension	Degree	Hilbert Series	Count
1	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^9$	471
1	3	$(2T^9 - 15T^8 + 48T^7 - 84T^6 + 84T^5 - 42T^4 + 12T^2 - 6T + 1)/(-T + 1)^9$	48
2	3	$(-2T^{16} + 32T^{15} - 237T^{14} + 1078T^{13} - 3367T^{12} + 7644T^{11} - 13013T^{10} + 16874T^9 - 16731T^8 + 12584T^7 - 7007T^6 + 2730T^5 - 637T^4 + 28T^3 + 33T^2 - 10T + 1)/(-T + 1)^{16}$	3
2	3	$(-3T^{16} + 47T^{15} - 342T^{14} + 1533T^{13} - 4732T^{12} + 10647T^{11} - 18018T^{10} + 23309T^9 - 23166T^8 + 17589T^7 - 10010T^6 + 4095T^5 - 1092T^4 + 133T^3 + 18T^2 - 9T + 1)/(-T + 1)^{16}$	1
3	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^9$	4
3	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^8$	26
3	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^8$	40
3	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^8$	36
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	126
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	148
1	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^8$	28
4	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^9$	13

3 N=4

3.1 E=4

Table 10: Quivers with 4 Vertices and 4 Edges

Dimension	Degree	Hilbert Series	Count
0	1	1	1

3.2 E=5

Table 11: Quivers with 4 Vertices and 5 Edges

Dimension	Degree	Hilbert Series	Count
0	1	$(T^2 - 2T + 1)/(-T + 1)^2$	4
1	1	$1/(-T + 1)$	1

3.3 E=6

Table 12: Quivers with 4 Vertices and 6 Edges

Dimension	Degree	Hilbert Series	Count
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	23
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	43
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	121
2	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^6$	2
2	2	$(T^3 - T^2 - T + 1)/(-T + 1)^4$	1
2	1	$(-T + 1)(-2)$	1
1	1	$(T^2 - 2T + 1)/(-T + 1)^3$	9
0	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^3$	2

3.4 E=7

Table 13: Quivers with 4 Vertices and 7 Edges

Dimension	Degree	Hilbert Series	Count
2	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^6$	245
2	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^6$	74
3	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^6$	13
0	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^6$	398
1	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^6$	198
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	12
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	16
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	3272
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	1570
2	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^8$	74
2	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^8$	399
3	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^8$	47
3	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^8$	125
3	1	$(T^2 - 2T + 1)/(-T + 1)^5$	17
2	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^5$	1
2	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^5$	2
3	1	$(-T^4 + 3T^3 - 2T^2 - T + 1)/(-T + 1)^5$	1
1	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^5$	2
1	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^5$	4
1	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^8$	95
2	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^8$	143
1	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^5$	111
2	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^5$	34
3	2	$(T^3 - T^2 - T + 1)/(-T + 1)^5$	2
3	4	$(-3T^6 + 14T^5 - 25T^4 + 20T^3 - 5T^2 - 2T + 1)/(-T + 1)^8$	3
3	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^6$	4
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Dimension	Degree	Hilbert Series	Count
3	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	9
0	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^5$	16

3.5 E=8

Table 14: Quivers with 4 Vertices and 8 Edges

Dimension	Degree	Hilbert Series	Count
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	661
3	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^8$	87
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	677
3	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^8$	237
1	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^8$	91
3	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^8$	80
4	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^7$	1
3	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^7$	99
1	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^7$	14
3	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^7$	64
2	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^7$	28
0	1	$(T^{16} - 16T^{15} + 120T^{14} - 560T^{13} + 1820T^{12} - 4368T^{11} + 8008T^{10} - 11440T^9 + 12870T^8 - 11440T^7 + 8008T^6 - 4368T^5 + 1820T^4 - 560T^3 + 120T^2 - 16T + 1)/(-T + 1)^{16}$	6968
1	2	$(-T^{16} + 14T^{15} - 90T^{14} + 350T^{13} - 910T^{12} + 1638T^{11} - 2002T^{10} + 1430T^9 - 1430T^7 + 2002T^6 - 1638T^5 + 910T^4 - 350T^3 + 90T^2 - 14T + 1)/(-T + 1)^{16}$	1437
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Dimension	Degree	Hilbert Series	Count
1	1	$(-T^{15} + 15T^{14} - 105T^{13} + 455T^{12} - 1365T^{11} + 3003T^{10} - 5005T^9 + 6435T^8 - 6435T^7 + 5005T^6 - 3003T^5 + 1365T^4 - 455T^3 + 105T^2 - 15T + 1)/(-T + 1)^{16}$	1374
1	4	$(-3T^{16} + 44T^{15} - 300T^{14} + 1260T^{13} - 3640T^{12} + 7644T^{11} - 12012T^{10} + 14300T^9 - 12870T^8 + 8580T^7 - 4004T^6 + 1092T^5 - 140T^3 + 60T^2 - 12T + 1)/(-T + 1)^{16}$	109
1	3	$(-2T^{16} + 29T^{15} - 195T^{14} + 805T^{13} - 2275T^{12} + 4641T^{11} - 7007T^{10} + 7865T^9 - 6435T^8 + 3575T^7 - 1001T^6 - 273T^5 + 455T^4 - 245T^3 + 75T^2 - 13T + 1)/(-T + 1)^{16}$	353
3	6	$(-T^{15} + 9T^{14} - 27T^{13} - 13T^{12} + 351T^{11} - 1287T^{10} + 2717T^9 - 3861T^8 + 3861T^7 - 2717T^6 + 1287T^5 - 351T^4 + 13T^3 + 27T^2 - 9T + 1)/(-T + 1)^{16}$	14
2	2	$(T^{15} - 13T^{14} + 77T^{13} - 273T^{12} + 637T^{11} - 1001T^{10} + 1001T^9 - 429T^8 - 429T^7 + 1001T^6 - 1001T^5 + 637T^4 - 273T^3 + 77T^2 - 13T + 1)/(-T + 1)^{16}$	617
2	1	$(T^{14} - 14T^{13} + 91T^{12} - 364T^{11} + 1001T^{10} - 2002T^9 + 3003T^8 - 3432T^7 + 3003T^6 - 2002T^5 + 1001T^4 - 364T^3 + 91T^2 - 14T + 1)/(-T + 1)^{16}$	84
4	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^8$	84
4	1	$(-T^6 + 5T^5 - 9T^4 + 6T^3 + T^2 - 3T + 1)/(-T + 1)^8$	49
4	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^8$	13
2	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^8$	520
2	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^8$	372
3	1	$(T^7 - 6T^6 + 14T^5 - 15T^4 + 5T^3 + 4T^2 - 4T + 1)/(-T + 1)^8$	16
4	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^9$	64
1	2	$(-T^{12} + 10T^{11} - 44T^{10} + 110T^9 - 165T^8 + 132T^7 - 132T^5 + 165T^4 - 110T^3 + 44T^2 - 10T + 1)/(-T + 1)^{12}$	920
2	1	$(T^{10} - 10T^9 + 45T^8 - 120T^7 + 210T^6 - 252T^5 + 210T^4 - 120T^3 + 45T^2 - 10T + 1)/(-T + 1)^{12}$	331
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Dimension	Degree	Hilbert Series	Count
1	3	$(-2T^{12} + 21T^{11} - 99T^{10} + 275T^9 - 495T^8 + 594T^7 - 462T^6 + 198T^5 - 55T^3 + 33T^2 - 9T + 1)/(-T + 1)^{12}$	109
1	1	$(-T^{11} + 11T^{10} - 55T^9 + 165T^8 - 330T^7 + 462T^6 - 462T^5 + 330T^4 - 165T^3 + 55T^2 - 11T + 1)/(-T + 1)^{12}$	2392
0	1	$(T^{12} - 12T^{11} + 66T^{10} - 220T^9 + 495T^8 - 792T^7 + 924T^6 - 792T^5 + 495T^4 - 220T^3 + 66T^2 - 12T + 1)/(-T + 1)^{12}$	1777
2	2	$(T^{11} - 9T^{10} + 35T^9 - 75T^8 + 90T^7 - 42T^6 - 42T^5 + 90T^4 - 75T^3 + 35T^2 - 9T + 1)/(-T + 1)^{12}$	272
2	1	$(-T^{12} + 11T^{11} - 54T^{10} + 155T^9 - 285T^8 + 342T^7 - 252T^6 + 78T^5 + 45T^4 - 65T^3 + 34T^2 - 9T + 1)/(-T + 1)^{12}$	56
3	2	$(-T^{10} + 8T^9 - 27T^8 + 48T^7 - 42T^6 + 42T^4 - 48T^3 + 27T^2 - 8T + 1)/(-T + 1)^{12}$	290
2	2	$(-T^{12} + 12T^{11} - 64T^{10} + 200T^9 - 405T^8 + 552T^7 - 504T^6 + 288T^5 - 75T^4 - 20T^3 + 24T^2 - 8T + 1)/(-T + 1)^{12}$	75
3	2	$(T^{11} - 11T^{10} + 53T^9 - 147T^8 + 258T^7 - 294T^6 + 210T^5 - 78T^4 - 3T^3 + 17T^2 - 7T + 1)/(-T + 1)^{12}$	53
3	3	$(-2T^{10} + 17T^9 - 63T^8 + 132T^7 - 168T^6 + 126T^5 - 42T^4 - 12T^3 + 18T^2 - 7T + 1)/(-T + 1)^{12}$	77
2	1	$(-2T^{12} + 22T^{11} - 109T^{10} + 320T^9 - 615T^8 + 804T^7 - 714T^6 + 408T^5 - 120T^4 - 10T^3 + 23T^2 - 8T + 1)/(-T + 1)^{12}$	3
4	3	$(2T^9 - 15T^8 + 48T^7 - 84T^6 + 84T^5 - 42T^4 + 12T^2 - 6T + 1)/(-T + 1)^{12}$	3
3	5	$(-4T^{10} + 35T^9 - 135T^8 + 300T^7 - 420T^6 + 378T^5 - 210T^4 + 60T^3 - 5T + 1)/(-T + 1)^{12}$	26
4	3	$(-2T^{10} + 20T^9 - 87T^8 + 216T^7 - 336T^6 + 336T^5 - 210T^4 + 72T^3 - 6T^2 - 4T + 1)/(-T + 1)^{12}$	2
3	4	$(-3T^{10} + 26T^9 - 99T^8 + 216T^7 - 294T^6 + 252T^5 - 126T^4 + 24T^3 + 9T^2 - 6T + 1)/(-T + 1)^{12}$	8
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Dimension	Degree	Hilbert Series	Count
3	3	$(-2T^8 + 13T^7 - 35T^6 + 49T^5 - 35T^4 + 7T^3 + 7T^2 - 5T + 1)/(-T + 1)^{10}$	136
2	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^{10}$	2476
2	2	$(T^9 - 7T^8 + 20T^7 - 28T^6 + 14T^5 + 14T^4 - 28T^3 + 20T^2 - 7T + 1)/(-T + 1)^{10}$	655
3	1	$(T^9 - 8T^8 + 27T^7 - 49T^6 + 49T^5 - 21T^4 - 7T^3 + 13T^2 - 6T + 1)/(-T + 1)^{10}$	17
3	2	$(T^9 - 9T^8 + 34T^7 - 70T^6 + 84T^5 - 56T^4 + 14T^3 + 6T^2 - 5T + 1)/(-T + 1)^{10}$	175
3	4	$(-3T^8 + 20T^7 - 56T^6 + 84T^5 - 70T^4 + 28T^3 - 4T + 1)/(-T + 1)^{10}$	52
2	3	$(2T^{11} - 19T^{10} + 80T^9 - 195T^8 + 300T^7 - 294T^6 + 168T^5 - 30T^4 - 30T^3 + 25T^2 - 8T + 1)/(-T + 1)^{12}$	47
4	6	$(5T^9 - 39T^8 + 132T^7 - 252T^6 + 294T^5 - 210T^4 + 84T^3 - 12T^2 - 3T + 1)/(-T + 1)^{12}$	1
2	3	$(-T^{12} + 13T^{11} - 74T^{10} + 245T^9 - 525T^8 + 762T^7 - 756T^6 + 498T^5 - 195T^4 + 25T^3 + 14T^2 - 7T + 1)/(-T + 1)^{12}$	7
3	6	$(-T^{11} + 5T^{10} - T^9 - 51T^8 + 174T^7 - 294T^6 + 294T^5 - 174T^4 + 51T^3 + T^2 - 5T + 1)/(-T + 1)^{12}$	8
3	3	$(T^{11} - 12T^{10} + 62T^9 - 183T^8 + 342T^7 - 420T^6 + 336T^5 - 162T^4 + 33T^3 + 8T^2 - 6T + 1)/(-T + 1)^{12}$	18
2	1	$(-T^{16} + 15T^{15} - 104T^{14} + 441T^{13} - 1274T^{12} + 2639T^{11} - 4004T^{10} + 4433T^9 - 3432T^8 + 1573T^7 - 637T^5 + 546T^4 - 259T^3 + 76T^2 - 13T + 1)/(-T + 1)^{16}$	20
2	4	$(-T^{16} + 18T^{15} - 146T^{14} + 714T^{13} - 2366T^{12} + 5642T^{11} - 10010T^{10} + 13442T^9 - 13728T^8 + 10582T^7 - 6006T^6 + 2366T^5 - 546T^4 + 14T^3 + 34T^2 - 10T + 1)/(-T + 1)^{16}$	13
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Dimension	Degree	Hilbert Series	Count
2	2	$(-T^{16} + 16T^{15} - 118T^{14} + 532T^{13} - 1638T^{12} + 3640T^{11} - 6006T^{10} + 7436T^9 - 6864T^8 + 4576T^7 - 2002T^6 + 364T^5 + 182T^4 - 168T^3 + 62T^2 - 12T + 1)/(-T + 1)^{16}$	174
2	2	$(-2T^{16} + 31T^{15} - 223T^{14} + 987T^{13} - 3003T^{12} + 6643T^{11} - 11011T^{10} + 13871T^9 - 13299T^8 + 9581T^7 - 5005T^6 + 1729T^5 - 273T^4 - 63T^3 + 47T^2 - 11T + 1)/(-T + 1)^{16}$	59
2	2	$(-3T^{16} + 46T^{15} - 328T^{14} + 1442T^{13} - 4368T^{12} + 9646T^{11} - 16016T^{10} + 20306T^9 - 19734T^8 + 14586T^7 - 8008T^6 + 3094T^5 - 728T^4 + 42T^3 + 32T^2 - 10T + 1)/(-T + 1)^{16}$	6
3	6	$(-5T^{14} + 64T^{13} - 377T^{12} + 1352T^{11} - 3289T^{10} + 5720T^9 - 7293T^8 + 6864T^7 - 4719T^6 + 2288T^5 - 715T^4 + 104T^3 + 13T^2 - 8T + 1)/(-T + 1)^{16}$	7
2	3	$(2T^{15} - 27T^{14} + 168T^{13} - 637T^{12} + 1638T^{11} - 3003T^{10} + 4004T^9 - 3861T^8 + 2574T^7 - 1001T^6 + 273T^4 - 182T^3 + 63T^2 - 12T + 1)/(-T + 1)^{16}$	129
2	3	$(-T^{16} + 17T^{15} - 132T^{14} + 623T^{13} - 2002T^{12} + 4641T^{11} - 8008T^{10} + 10439T^9 - 10296T^8 + 7579T^7 - 4004T^6 + 1365T^5 - 182T^4 - 77T^3 + 48T^2 - 11T + 1)/(-T + 1)^{16}$	36
4	6	$(T^{14} - 8T^{13} + 19T^{12} + 32T^{11} - 319T^{10} + 968T^9 - 1749T^8 + 2112T^7 - 1749T^6 + 968T^5 - 319T^4 + 32T^3 + 19T^2 - 8T + 1)/(-T + 1)^{16}$	5
2	4	$(3T^{15} - 41T^{14} + 259T^{13} - 1001T^{12} + 2639T^{11} - 5005T^{10} + 7007T^9 - 7293T^8 + 5577T^7 - 3003T^6 + 1001T^5 - 91T^4 - 91T^3 + 49T^2 - 11T + 1)/(-T + 1)^{16}$	21
1	5	$(-4T^{16} + 59T^{15} - 405T^{14} + 1715T^{13} - 5005T^{12} + 10647T^{11} - 17017T^{10} + 20735T^9 - 19305T^8 + 13585T^7 - 7007T^6 + 2457T^5 - 455T^4 - 35T^3 + 45T^2 - 11T + 1)/(-T + 1)^{16}$	16
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Dimension	Degree	Hilbert Series	Count
2	3	$(-2T^{16} + 32T^{15} - 237T^{14} + 1078T^{13} - 3367T^{12} + 7644T^{11} - 13013T^{10} + 16874T^9 - 16731T^8 + 12584T^7 - 7007T^6 + 2730T^5 - 637T^4 + 28T^3 + 33T^2 - 10T + 1)/(-T + 1)^{16}$	13
1	1	$(-T^9 + 9T^8 - 36T^7 + 84T^6 - 126T^5 + 126T^4 - 84T^3 + 36T^2 - 9T + 1)/(-T + 1)^{10}$	615
0	1	$(T^{10} - 10T^9 + 45T^8 - 120T^7 + 210T^6 - 252T^5 + 210T^4 - 120T^3 + 45T^2 - 10T + 1)/(-T + 1)^{10}$	1385
2	3	$(2T^9 - 15T^8 + 48T^7 - 84T^6 + 84T^5 - 42T^4 + 12T^2 - 6T + 1)/(-T + 1)^{10}$	149
3	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^{10}$	158
1	2	$(T^9 - 7T^8 + 20T^7 - 28T^6 + 14T^5 + 14T^4 - 28T^3 + 20T^2 - 7T + 1)/(-T + 1)^9$	342
1	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^9$	3129
2	3	$(-2T^8 + 13T^7 - 35T^6 + 49T^5 - 35T^4 + 7T^3 + 7T^2 - 5T + 1)/(-T + 1)^9$	57
2	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^9$	1677
0	1	$(-T^9 + 9T^8 - 36T^7 + 84T^6 - 126T^5 + 126T^4 - 84T^3 + 36T^2 - 9T + 1)/(-T + 1)^9$	315
0	2	$(-T^{10} + 8T^9 - 27T^8 + 48T^7 - 42T^6 + 42T^4 - 48T^3 + 27T^2 - 8T + 1)/(-T + 1)^9$	27
2	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^9$	300
2	1	$(T^9 - 8T^8 + 27T^7 - 49T^6 + 49T^5 - 21T^4 - 7T^3 + 13T^2 - 6T + 1)/(-T + 1)^9$	205
3	5	$(T^8 - 3T^7 - 2T^6 + 19T^5 - 30T^4 + 19T^3 - 2T^2 - 3T + 1)/(-T + 1)^9$	3
2	2	$(T^9 - 9T^8 + 34T^7 - 70T^6 + 84T^5 - 56T^4 + 14T^3 + 6T^2 - 5T + 1)/(-T + 1)^9$	68
3	3	$(T^8 - 5T^7 + 10T^6 - 11T^5 + 10T^4 - 11T^3 + 10T^2 - 5T + 1)/(-T + 1)^9$	26
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Dimension	Degree	Hilbert Series	Count
3	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^9$	177
4	3	$(2T^8 - 11T^7 + 22T^6 - 16T^5 - 5T^4 + 13T^3 - 4T^2 - 2T + 1)/(-T + 1)^9$	3
2	1	$(2T^9 - 16T^8 + 55T^7 - 105T^6 + 119T^5 - 77T^4 + 21T^3 + 5T^2 - 5T + 1)/(-T + 1)^9$	42
3	8	$(3T^8 - 14T^7 + 22T^6 - 6T^5 - 20T^4 + 22T^3 - 6T^2 - 2T + 1)/(-T + 1)^9$	8
2	3	$(T^9 - 10T^8 + 41T^7 - 91T^6 + 119T^5 - 91T^4 + 35T^3 - T^2 - 4T + 1)/(-T + 1)^9$	20
3	6	$(2T^8 - 9T^7 + 13T^6 - T^5 - 15T^4 + 13T^3 - T^2 - 3T + 1)/(-T + 1)^9$	18
3	3	$(-T^8 + 9T^7 - 32T^6 + 59T^5 - 60T^4 + 31T^3 - 4T^2 - 3T + 1)/(-T + 1)^9$	14
3	4	$(T^8 - 4T^7 + 4T^6 + 4T^5 - 10T^4 + 4T^3 + 4T^2 - 4T + 1)/(-T + 1)^9$	72
1	3	$(2T^9 - 15T^8 + 48T^7 - 84T^6 + 84T^5 - 42T^4 + 12T^2 - 6T + 1)/(-T + 1)^9$	102
2	1	$(-T^{10} + 10T^9 - 44T^8 + 111T^7 - 175T^6 + 175T^5 - 105T^4 + 29T^3 + 4T^2 - 5T + 1)/(-T + 1)^9$	5
2	2	$(2T^9 - 17T^8 + 62T^7 - 126T^6 + 154T^5 - 112T^4 + 42T^3 - 2T^2 - 4T + 1)/(-T + 1)^9$	14
3	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^9$	584
3	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^9$	427
2	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^6$	153
3	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	49
3	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^6$	23
0	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^6$	314
1	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^6$	138
4	1	$(T^2 - 2T + 1)/(-T + 1)^6$	14
3	4	$(3T^5 - 11T^4 + 14T^3 - 6T^2 - T + 1)/(-T + 1)^7$	2
3	2	$(-T^6 + 6T^5 - 13T^4 + 12T^3 - 3T^2 - 2T + 1)/(-T + 1)^7$	1
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Dimension	Degree	Hilbert Series	Count
2	1	$(2T^7 - 12T^6 + 29T^5 - 35T^4 + 20T^3 - 2T^2 - 3T + 1)/(-T + 1)^7$	8
1	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^7$	52
3	4	$(T^6 - 2T^5 - T^4 + 4T^3 - T^2 - 2T + 1)/(-T + 1)^7$	3
3	3	$(T^6 - 3T^5 + 3T^4 - 2T^3 + 3T^2 - 3T + 1)/(-T + 1)^7$	6
1	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^7$	12
3	10	$(-2T^{15} + 19T^{14} - 66T^{13} + 39T^{12} + 494T^{11} - 2145T^{10} + 4862T^9 - 7293T^8 + 7722T^7 - 5863T^6 + 3146T^5 - 1131T^4 + 234T^3 - 11T^2 - 6T + 1)/(-T + 1)^{16}$	3
2	4	$(3T^{11} - 29T^{10} + 125T^9 - 315T^8 + 510T^7 - 546T^6 + 378T^5 - 150T^4 + 15T^3 + 15T^2 - 7T + 1)/(-T + 1)^{12}$	10
3	7	$(-T^{11} + 4T^{10} + 8T^9 - 87T^8 + 258T^7 - 420T^6 + 420T^5 - 258T^4 + 87T^3 - 8T^2 - 4T + 1)/(-T + 1)^{12}$	7
3	2	$(2T^{11} - 21T^{10} + 98T^9 - 267T^8 + 468T^7 - 546T^6 + 420T^5 - 198T^4 + 42T^3 + 7T^2 - 6T + 1)/(-T + 1)^{12}$	3
1	4	$(-3T^{12} + 32T^{11} - 154T^{10} + 440T^9 - 825T^8 + 1056T^7 - 924T^6 + 528T^5 - 165T^4 + 22T^2 - 8T + 1)/(-T + 1)^{12}$	5
4	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^8$	18
4	2	$(-T^6 + 6T^5 - 13T^4 + 12T^3 - 3T^2 - 2T + 1)/(-T + 1)^8$	8
3	4	$(-3T^{14} + 38T^{13} - 221T^{12} + 780T^{11} - 1859T^{10} + 3146T^9 - 3861T^8 + 3432T^7 - 2145T^6 + 858T^5 - 143T^4 - 52T^3 + 39T^2 - 10T + 1)/(-T + 1)^{16}$	2
4	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^9$	156
4	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^9$	62
3	1	$(T^2 - 2T + 1)/(-T + 1)^5$	4
1	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^5$	4
3	2	$(-T^{14} + 12T^{13} - 65T^{12} + 208T^{11} - 429T^{10} + 572T^9 - 429T^8 + 429T^6 - 572T^5 + 429T^4 - 208T^3 + 65T^2 - 12T + 1)/(-T + 1)^{16}$	10
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Dimension	Degree	Hilbert Series	Count
2	5	$(4T^{15} - 55T^{14} + 350T^{13} - 1365T^{12} + 3640T^{11} - 7007T^{10} + 10010T^9 - 10725T^8 + 8580T^7 - 5005T^6 + 2002T^5 - 455T^4 + 35T^2 - 10T + 1)/(-T + 1)^{16}$	8
3	2	$(T^{15} - 15T^{14} + 103T^{13} - 429T^{12} + 1209T^{11} - 2431T^{10} + 3575T^9 - 3861T^8 + 3003T^7 - 1573T^6 + 429T^5 + 65T^4 - 117T^3 + 51T^2 - 11T + 1)/(-T + 1)^{16}$	12
3	2	$(-T^{16} + 15T^{15} - 106T^{14} + 467T^{13} - 1430T^{12} + 3211T^{11} - 5434T^{10} + 7007T^9 - 6864T^8 + 5005T^7 - 2574T^6 + 793T^5 - 26T^4 - 103T^3 + 50T^2 - 11T + 1)/(-T + 1)^{16}$	2
3	2	$(2T^{15} - 29T^{14} + 194T^{13} - 793T^{12} + 2210T^{11} - 4433T^{10} + 6578T^9 - 7293T^8 + 6006T^7 - 3575T^6 + 1430T^5 - 299T^4 - 26T^3 + 37T^2 - 10T + 1)/(-T + 1)^{16}$	2
3	2	$(-T^{16} + 17T^{15} - 134T^{14} + 649T^{13} - 2158T^{12} + 5213T^{11} - 9438T^{10} + 13013T^9 - 13728T^8 + 11011T^7 - 6578T^6 + 2795T^5 - 754T^4 + 79T^3 + 22T^2 - 9T + 1)/(-T + 1)^{16}$	1
3	6	$(-3T^5 + 7T^4 - 4T^3 - T + 1)/(-T + 1)^6$	2
2	6	$(3T^6 - 10T^5 + 11T^4 - 4T^3 + T^2 - 2T + 1)/(-T + 1)^6$	2
2	5	$(-T^{16} + 19T^{15} - 160T^{14} + 805T^{13} - 2730T^{12} + 6643T^{11} - 12012T^{10} + 16445T^9 - 17160T^8 + 13585T^7 - 8008T^6 + 3367T^5 - 910T^4 + 105T^3 + 20T^2 - 9T + 1)/(-T + 1)^{16}$	1
4	2	$(T^8 - 5T^7 + 8T^6 - T^5 - 10T^4 + 9T^3 - 3T + 1)/(-T + 1)^9$	8
4	2	$(2T^7 - 13T^6 + 34T^5 - 45T^4 + 30T^3 - 7T^2 - 2T + 1)/(-T + 1)^9$	2
3	5	$(4T^7 - 23T^6 + 54T^5 - 65T^4 + 40T^3 - 9T^2 - 2T + 1)/(-T + 1)^9$	3
4	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^{10}$	23
4	3	$(-T^8 + 9T^7 - 32T^6 + 59T^5 - 60T^4 + 31T^3 - 4T^2 - 3T + 1)/(-T + 1)^{10}$	10
4	6	$(T^8 - 2T^7 - 8T^6 + 34T^5 - 50T^4 + 34T^3 - 8T^2 - 2T + 1)/(-T + 1)^{10}$	5
4	6	$(-T^7 + T^6 + 9T^5 - 25T^4 + 25T^3 - 9T^2 - T + 1)/(-T + 1)^9$	2
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Dimension	Degree	Hilbert Series	Count
3	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^7$	12
2	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^7$	12
2	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^7$	48
2	3	$(-3T^{16} + 47T^{15} - 342T^{14} + 1533T^{13} - 4732T^{12} + 10647T^{11} - 18018T^{10} + 23309T^9 - 23166T^8 + 17589T^7 - 10010T^6 + 4095T^5 - 1092T^4 + 133T^3 + 18T^2 - 9T + 1)/(-T + 1)^{16}$	1
4	2	$(T^9 - 8T^8 + 29T^7 - 61T^6 + 79T^5 - 61T^4 + 23T^3 + T^2 - 4T + 1)/(-T + 1)^{10}$	5
4	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^{10}$	3
3	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^6$	2
2	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^6$	2
4	2	$(2T^8 - 10T^7 + 17T^6 - 6T^5 - 15T^4 + 18T^3 - 5T^2 - 2T + 1)/(-T + 1)^9$	2
3	2	$(-T^{16} + 16T^{15} - 120T^{14} + 558T^{13} - 1794T^{12} + 4212T^{11} - 7436T^{10} + 10010T^9 - 10296T^8 + 8008T^7 - 4576T^6 + 1794T^5 - 390T^4 - 12T^3 + 36T^2 - 10T + 1)/(-T + 1)^{16}$	2
3	2	$(-T^8 + 8T^7 - 26T^6 + 44T^5 - 40T^4 + 16T^3 + 2T^2 - 4T + 1)/(-T + 1)^9$	3
3	4	$(3T^7 - 17T^6 + 39T^5 - 45T^4 + 25T^3 - 3T^2 - 3T + 1)/(-T + 1)^9$	2
2	1	$(-2T^{16} + 30T^{15} - 209T^{14} + 896T^{13} - 2639T^{12} + 5642T^{11} - 9009T^{10} + 10868T^9 - 9867T^8 + 6578T^7 - 3003T^6 + 728T^5 + 91T^4 - 154T^3 + 61T^2 - 12T + 1)/(-T + 1)^{16}$	1

4 N=5

4.1 E=5

Table 15: Quivers with 5 Vertices and 5 Edges

Dimension	Degree	Hilbert Series	Count
0	1	1	1

4.2 E=6

Table 16: Quivers with 5 Vertices and 6 Edges

Dimension	Degree	Hilbert Series	Count
1	1	$1/(-T + 1)$	3
0	1	$(T^2 - 2T + 1)/(-T + 1)^2$	6

4.3 E=7

Table 17: Quivers with 5 Vertices and 7 Edges

Dimension	Degree	Hilbert Series	Count
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	39
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	161
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	67
2	1	$(-T + 1)(-2)$	6
2	2	$(T^3 - T^2 - T + 1)/(-T + 1)^4$	3
1	1	$(T^2 - 2T + 1)/(-T + 1)^3$	21
0	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^3$	18

4.4 E=8

Table 18: Quivers with 5 Vertices and 8 Edges

Dimension	Degree	Hilbert Series	Count
3	1	$(-T + 1)(-3)$	4
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	63
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	8
1	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^5$	493
2	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^5$	168
3	1	$(T^2 - 2T + 1)/(-T + 1)^5$	106
3	2	$(T^3 - T^2 - T + 1)/(-T + 1)^5$	13
0	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^5$	202
2	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^6$	727
3	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^6$	36
0	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^6$	1674
2	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^6$	170
1	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^6$	852
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	120
3	1	$(-T^4 + 3T^3 - 2T^2 - T + 1)/(-T + 1)^5$	7
2	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^5$	14
1	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^5$	8
1	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^5$	28
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	5161
2	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^8$	627
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	2749
2	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^8$	145
2	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^8$	455
3	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^6$	24
3	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	53
3	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^8$	192
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Dimension	Degree	Hilbert Series	Count
3	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^8$	75
2	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^5$	2
3	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^6$	1
1	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^6$	18
1	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^8$	280
3	4	$(-3T^6 + 14T^5 - 25T^4 + 20T^3 - 5T^2 - 2T + 1)/(-T + 1)^8$	13
2	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^5$	2
2	1	$(-T^8 + 7T^7 - 20T^6 + 29T^5 - 20T^4 + T^3 + 8T^2 - 5T + 1)/(-T + 1)^8$	31

4.5 E=9

Table 19: Quivers with 5 Vertices and 9 Edges

Dimension	Degree	Hilbert Series	Count
0	1	$(T^{16} - 16T^{15} + 120T^{14} - 560T^{13} + 1820T^{12} - 4368T^{11} + 8008T^{10} - 11440T^9 + 12870T^8 - 11440T^7 + 8008T^6 - 4368T^5 + 1820T^4 - 560T^3 + 120T^2 - 16T + 1)/(-T + 1)^{16}$	10856
1	1	$(-T^{15} + 15T^{14} - 105T^{13} + 455T^{12} - 1365T^{11} + 3003T^{10} - 5005T^9 + 6435T^8 - 6435T^7 + 5005T^6 - 3003T^5 + 1365T^4 - 455T^3 + 105T^2 - 15T + 1)/(-T + 1)^{16}$	2748
2	2	$(T^{15} - 13T^{14} + 77T^{13} - 273T^{12} + 637T^{11} - 1001T^{10} + 1001T^9 - 429T^8 - 429T^7 + 1001T^6 - 1001T^5 + 637T^4 - 273T^3 + 77T^2 - 13T + 1)/(-T + 1)^{16}$	1144
1	2	$(-T^{16} + 14T^{15} - 90T^{14} + 350T^{13} - 910T^{12} + 1638T^{11} - 2002T^{10} + 1430T^9 - 1430T^7 + 2002T^6 - 1638T^5 + 910T^4 - 350T^3 + 90T^2 - 14T + 1)/(-T + 1)^{16}$	2221
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Dimension	Degree	Hilbert Series	Count
2	1	$(T^{14} - 14T^{13} + 91T^{12} - 364T^{11} + 1001T^{10} - 2002T^9 + 3003T^8 - 3432T^7 + 3003T^6 - 2002T^5 + 1001T^4 - 364T^3 + 91T^2 - 14T + 1)/(-T + 1)^{16}$	135
2	2	$(-T^{16} + 16T^{15} - 118T^{14} + 532T^{13} - 1638T^{12} + 3640T^{11} - 6006T^{10} + 7436T^9 - 6864T^8 + 4576T^7 - 2002T^6 + 364T^5 + 182T^4 - 168T^3 + 62T^2 - 12T + 1)/(-T + 1)^{16}$	370
1	3	$(-2T^{16} + 29T^{15} - 195T^{14} + 805T^{13} - 2275T^{12} + 4641T^{11} - 7007T^{10} + 7865T^9 - 6435T^8 + 3575T^7 - 1001T^6 - 273T^5 + 455T^4 - 245T^3 + 75T^2 - 13T + 1)/(-T + 1)^{16}$	598
1	4	$(-3T^{16} + 44T^{15} - 300T^{14} + 1260T^{13} - 3640T^{12} + 7644T^{11} - 12012T^{10} + 14300T^9 - 12870T^8 + 8580T^7 - 4004T^6 + 1092T^5 - 140T^3 + 60T^2 - 12T + 1)/(-T + 1)^{16}$	176
3	6	$(-5T^{14} + 64T^{13} - 377T^{12} + 1352T^{11} - 3289T^{10} + 5720T^9 - 7293T^8 + 6864T^7 - 4719T^6 + 2288T^5 - 715T^4 + 104T^3 + 13T^2 - 8T + 1)/(-T + 1)^{16}$	7
2	4	$(-T^{16} + 18T^{15} - 146T^{14} + 714T^{13} - 2366T^{12} + 5642T^{11} - 10010T^{10} + 13442T^9 - 13728T^8 + 10582T^7 - 6006T^6 + 2366T^5 - 546T^4 + 14T^3 + 34T^2 - 10T + 1)/(-T + 1)^{16}$	27
2	3	$(2T^{15} - 27T^{14} + 168T^{13} - 637T^{12} + 1638T^{11} - 3003T^{10} + 4004T^9 - 3861T^8 + 2574T^7 - 1001T^6 + 273T^4 - 182T^3 + 63T^2 - 12T + 1)/(-T + 1)^{16}$	208
2	3	$(-2T^{16} + 32T^{15} - 237T^{14} + 1078T^{13} - 3367T^{12} + 7644T^{11} - 13013T^{10} + 16874T^9 - 16731T^8 + 12584T^7 - 7007T^6 + 2730T^5 - 637T^4 + 28T^3 + 33T^2 - 10T + 1)/(-T + 1)^{16}$	14
2	1	$(-T^{16} + 15T^{15} - 104T^{14} + 441T^{13} - 1274T^{12} + 2639T^{11} - 4004T^{10} + 4433T^9 - 3432T^8 + 1573T^7 - 637T^5 + 546T^4 - 259T^3 + 76T^2 - 13T + 1)/(-T + 1)^{16}$	42
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Dimension	Degree	Hilbert Series	Count
2	2	$(-2T^{16} + 31T^{15} - 223T^{14} + 987T^{13} - 3003T^{12} + 6643T^{11} - 11011T^{10} + 13871T^9 - 13299T^8 + 9581T^7 - 5005T^6 + 1729T^5 - 273T^4 - 63T^3 + 47T^2 - 11T + 1)/(-T + 1)^{16}$	125
2	3	$(-T^{16} + 17T^{15} - 132T^{14} + 623T^{13} - 2002T^{12} + 4641T^{11} - 8008T^{10} + 10439T^9 - 10296T^8 + 7579T^7 - 4004T^6 + 1365T^5 - 182T^4 - 77T^3 + 48T^2 - 11T + 1)/(-T + 1)^{16}$	54
3	6	$(-T^{15} + 9T^{14} - 27T^{13} - 13T^{12} + 351T^{11} - 1287T^{10} + 2717T^9 - 3861T^8 + 3861T^7 - 2717T^6 + 1287T^5 - 351T^4 + 13T^3 + 27T^2 - 9T + 1)/(-T + 1)^{16}$	17
0	1	$(T^{12} - 12T^{11} + 66T^{10} - 220T^9 + 495T^8 - 792T^7 + 924T^6 - 792T^5 + 495T^4 - 220T^3 + 66T^2 - 12T + 1)/(-T + 1)^{12}$	6058
1	1	$(-T^{11} + 11T^{10} - 55T^9 + 165T^8 - 330T^7 + 462T^6 - 462T^5 + 330T^4 - 165T^3 + 55T^2 - 11T + 1)/(-T + 1)^{12}$	5498
3	3	$(-2T^{10} + 17T^9 - 63T^8 + 132T^7 - 168T^6 + 126T^5 - 42T^4 - 12T^3 + 18T^2 - 7T + 1)/(-T + 1)^{12}$	149
1	2	$(-T^{12} + 10T^{11} - 44T^{10} + 110T^9 - 165T^8 + 132T^7 - 132T^5 + 165T^4 - 110T^3 + 44T^2 - 10T + 1)/(-T + 1)^{12}$	1709
3	2	$(-T^{10} + 8T^9 - 27T^8 + 48T^7 - 42T^6 + 42T^4 - 48T^3 + 27T^2 - 8T + 1)/(-T + 1)^{12}$	525
2	2	$(T^{11} - 9T^{10} + 35T^9 - 75T^8 + 90T^7 - 42T^6 - 42T^5 + 90T^4 - 75T^3 + 35T^2 - 9T + 1)/(-T + 1)^{12}$	682
2	1	$(-T^{12} + 11T^{11} - 54T^{10} + 155T^9 - 285T^8 + 342T^7 - 252T^6 + 78T^5 + 45T^4 - 65T^3 + 34T^2 - 9T + 1)/(-T + 1)^{12}$	302
2	2	$(-T^{12} + 12T^{11} - 64T^{10} + 200T^9 - 405T^8 + 552T^7 - 504T^6 + 288T^5 - 75T^4 - 20T^3 + 24T^2 - 8T + 1)/(-T + 1)^{12}$	190
2	1	$(T^{10} - 10T^9 + 45T^8 - 120T^7 + 210T^6 - 252T^5 + 210T^4 - 120T^3 + 45T^2 - 10T + 1)/(-T + 1)^{12}$	1289
3	3	$(T^{11} - 12T^{10} + 62T^9 - 183T^8 + 342T^7 - 420T^6 + 336T^5 - 162T^4 + 33T^3 + 8T^2 - 6T + 1)/(-T + 1)^{12}$	33
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Dimension	Degree	Hilbert Series	Count
1	3	$(-2T^{12} + 21T^{11} - 99T^{10} + 275T^9 - 495T^8 + 594T^7 - 462T^6 + 198T^5 - 55T^3 + 33T^2 - 9T + 1)/(-T + 1)^{12}$	232
2	3	$(2T^{11} - 19T^{10} + 80T^9 - 195T^8 + 300T^7 - 294T^6 + 168T^5 - 30T^4 - 30T^3 + 25T^2 - 8T + 1)/(-T + 1)^{12}$	96
4	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^9$	97
3	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^9$	402
3	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^9$	1249
4	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^7$	37
3	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^7$	888
1	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^7$	1670
3	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^7$	348
2	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^7$	1115
1	1	$(-T^9 + 9T^8 - 36T^7 + 84T^6 - 126T^5 + 126T^4 - 84T^3 + 36T^2 - 9T + 1)/(-T + 1)^{10}$	3149
2	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^{10}$	5758
2	2	$(T^9 - 7T^8 + 20T^7 - 28T^6 + 14T^5 + 14T^4 - 28T^3 + 20T^2 - 7T + 1)/(-T + 1)^{10}$	1591
3	2	$(T^9 - 9T^8 + 34T^7 - 70T^6 + 84T^5 - 56T^4 + 14T^3 + 6T^2 - 5T + 1)/(-T + 1)^{10}$	341
3	3	$(-2T^8 + 13T^7 - 35T^6 + 49T^5 - 35T^4 + 7T^3 + 7T^2 - 5T + 1)/(-T + 1)^{10}$	265
4	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^{10}$	22
4	2	$(T^9 - 8T^8 + 29T^7 - 61T^6 + 79T^5 - 61T^4 + 23T^3 + T^2 - 4T + 1)/(-T + 1)^{10}$	6
3	4	$(-3T^8 + 20T^7 - 56T^6 + 84T^5 - 70T^4 + 28T^3 - 4T + 1)/(-T + 1)^{10}$	101
4	1	$(T^2 - 2T + 1)/(-T + 1)^6$	152
3	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	258
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Dimension	Degree	Hilbert Series	Count
2	5	$(-T^{16} + 19T^{15} - 160T^{14} + 805T^{13} - 2730T^{12} + 6643T^{11} - 12012T^{10} + 16445T^9 - 17160T^8 + 13585T^7 - 8008T^6 + 3367T^5 - 910T^4 + 105T^3 + 20T^2 - 9T + 1)/(-T + 1)^{16}$	7
1	5	$(-4T^{16} + 59T^{15} - 405T^{14} + 1715T^{13} - 5005T^{12} + 10647T^{11} - 17017T^{10} + 20735T^9 - 19305T^8 + 13585T^7 - 7007T^6 + 2457T^5 - 455T^4 - 35T^3 + 45T^2 - 11T + 1)/(-T + 1)^{16}$	26
0	1	$(T^{10} - 10T^9 + 45T^8 - 120T^7 + 210T^6 - 252T^5 + 210T^4 - 120T^3 + 45T^2 - 10T + 1)/(-T + 1)^{10}$	4682
3	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^{10}$	370
2	3	$(2T^9 - 15T^8 + 48T^7 - 84T^6 + 84T^5 - 42T^4 + 12T^2 - 6T + 1)/(-T + 1)^{10}$	302
4	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^8$	131
4	4	$(3T^5 - 11T^4 + 14T^3 - 6T^2 - T + 1)/(-T + 1)^8$	1
4	2	$(-T^6 + 6T^5 - 13T^4 + 12T^3 - 3T^2 - 2T + 1)/(-T + 1)^8$	40
3	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^8$	636
3	1	$(T^7 - 6T^6 + 14T^5 - 15T^4 + 5T^3 + 4T^2 - 4T + 1)/(-T + 1)^8$	130
3	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^8$	206
2	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^8$	1741
3	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^8$	860
1	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^8$	369
3	5	$(-4T^{10} + 35T^9 - 135T^8 + 300T^7 - 420T^6 + 378T^5 - 210T^4 + 60T^3 - 5T + 1)/(-T + 1)^{12}$	41
3	7	$(-T^{11} + 4T^{10} + 8T^9 - 87T^8 + 258T^7 - 420T^6 + 420T^5 - 258T^4 + 87T^3 - 8T^2 - 4T + 1)/(-T + 1)^{12}$	9
3	6	$(-T^{11} + 5T^{10} - T^9 - 51T^8 + 174T^7 - 294T^6 + 294T^5 - 174T^4 + 51T^3 + T^2 - 5T + 1)/(-T + 1)^{12}$	13
3	2	$(T^{11} - 11T^{10} + 53T^9 - 147T^8 + 258T^7 - 294T^6 + 210T^5 - 78T^4 - 3T^3 + 17T^2 - 7T + 1)/(-T + 1)^{12}$	90
4	6	$(-T^7 + T^6 + 9T^5 - 25T^4 + 25T^3 - 9T^2 - T + 1)/(-T + 1)^9$	6
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Dimension	Degree	Hilbert Series	Count
2	3	$(-2T^8 + 13T^7 - 35T^6 + 49T^5 - 35T^4 + 7T^3 + 7T^2 - 5T + 1)/(-T + 1)^9$	235
3	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^9$	1676
2	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^9$	1571
3	1	$(T^2 - 2T + 1)/(-T + 1)^5$	38
2	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^9$	7060
3	1	$(-T^8 + 7T^7 - 20T^6 + 29T^5 - 20T^4 + T^3 + 8T^2 - 5T + 1)/(-T + 1)^9$	34
4	3	$(T^7 - 8T^6 + 24T^5 - 35T^4 + 25T^3 - 6T^2 - 2T + 1)/(-T + 1)^9$	1
4	6	$(5T^9 - 39T^8 + 132T^7 - 252T^6 + 294T^5 - 210T^4 + 84T^3 - 12T^2 - 3T + 1)/(-T + 1)^{12}$	1
3	4	$(-3T^{10} + 26T^9 - 99T^8 + 216T^7 - 294T^6 + 252T^5 - 126T^4 + 24T^3 + 9T^2 - 6T + 1)/(-T + 1)^{12}$	13
2	5	$(4T^{15} - 55T^{14} + 350T^{13} - 1365T^{12} + 3640T^{11} - 7007T^{10} + 10010T^9 - 10725T^8 + 8580T^7 - 5005T^6 + 2002T^5 - 455T^4 + 35T^2 - 10T + 1)/(-T + 1)^{16}$	13
2	4	$(3T^{15} - 41T^{14} + 259T^{13} - 1001T^{12} + 2639T^{11} - 5005T^{10} + 7007T^9 - 7293T^8 + 5577T^7 - 3003T^6 + 1001T^5 - 91T^4 - 91T^3 + 49T^2 - 11T + 1)/(-T + 1)^{16}$	54
3	2	$(-T^{14} + 12T^{13} - 65T^{12} + 208T^{11} - 429T^{10} + 572T^9 - 429T^8 + 429T^6 - 572T^5 + 429T^4 - 208T^3 + 65T^2 - 12T + 1)/(-T + 1)^{16}$	59
3	8	$(-T^{15} + 7T^{14} - T^{13} - 169T^{12} + 923T^{11} - 2717T^{10} + 5291T^9 - 7293T^8 + 7293T^7 - 5291T^6 + 2717T^5 - 923T^4 + 169T^3 + T^2 - 7T + 1)/(-T + 1)^{16}$	2
3	2	$(-T^{16} + 16T^{15} - 120T^{14} + 558T^{13} - 1794T^{12} + 4212T^{11} - 7436T^{10} + 10010T^9 - 10296T^8 + 8008T^7 - 4576T^6 + 1794T^5 - 390T^4 - 12T^3 + 36T^2 - 10T + 1)/(-T + 1)^{16}$	11
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Dimension	Degree	Hilbert Series	Count
3	2	$(2T^{15} - 29T^{14} + 194T^{13} - 793T^{12} + 2210T^{11} - 4433T^{10} + 6578T^9 - 7293T^8 + 6006T^7 - 3575T^6 + 1430T^5 - 299T^4 - 26T^3 + 37T^2 - 10T + 1)/(-T + 1)^{16}$	8
2	3	$(-3T^{16} + 47T^{15} - 342T^{14} + 1533T^{13} - 4732T^{12} + 10647T^{11} - 18018T^{10} + 23309T^9 - 23166T^8 + 17589T^7 - 10010T^6 + 4095T^5 - 1092T^4 + 133T^3 + 18T^2 - 9T + 1)/(-T + 1)^{16}$	3
3	2	$(T^{15} - 15T^{14} + 103T^{13} - 429T^{12} + 1209T^{11} - 2431T^{10} + 3575T^9 - 3861T^8 + 3003T^7 - 1573T^6 + 429T^5 + 65T^4 - 117T^3 + 51T^2 - 11T + 1)/(-T + 1)^{16}$	28
3	2	$(-T^{16} + 17T^{15} - 134T^{14} + 649T^{13} - 2158T^{12} + 5213T^{11} - 9438T^{10} + 13013T^9 - 13728T^8 + 11011T^7 - 6578T^6 + 2795T^5 - 754T^4 + 79T^3 + 22T^2 - 9T + 1)/(-T + 1)^{16}$	2
3	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^6$	107
2	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^6$	1133
4	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^8$	77
2	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^8$	3236
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	2829
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	2789
4	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^9$	489
4	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^9$	188
2	3	$(-T^{12} + 13T^{11} - 74T^{10} + 245T^9 - 525T^8 + 762T^7 - 756T^6 + 498T^5 - 195T^4 + 25T^3 + 14T^2 - 7T + 1)/(-T + 1)^{12}$	13
1	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^9$	11708
3	2	$(-T^8 + 8T^7 - 26T^6 + 44T^5 - 40T^4 + 16T^3 + 2T^2 - 4T + 1)/(-T + 1)^9$	66
0	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^6$	2232
1	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^6$	840
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Dimension	Degree	Hilbert Series	Count
2	1	$(-2T^{12} + 22T^{11} - 109T^{10} + 320T^9 - 615T^8 + 804T^7 - 714T^6 + 408T^5 - 120T^4 - 10T^3 + 23T^2 - 8T + 1)/(-T + 1)^{12}$	16
4	3	$(2T^9 - 15T^8 + 48T^7 - 84T^6 + 84T^5 - 42T^4 + 12T^2 - 6T + 1)/(-T + 1)^{12}$	18
0	2	$(-T^{10} + 8T^9 - 27T^8 + 48T^7 - 42T^6 + 42T^4 - 48T^3 + 27T^2 - 8T + 1)/(-T + 1)^9$	154
1	2	$(-T^{10} + 10T^9 - 43T^8 + 104T^7 - 154T^6 + 140T^5 - 70T^4 + 8T^3 + 11T^2 - 6T + 1)/(-T + 1)^9$	54
0	1	$(-T^9 + 9T^8 - 36T^7 + 84T^6 - 126T^5 + 126T^4 - 84T^3 + 36T^2 - 9T + 1)/(-T + 1)^9$	2872
3	3	$(T^8 - 5T^7 + 10T^6 - 11T^5 + 10T^4 - 11T^3 + 10T^2 - 5T + 1)/(-T + 1)^9$	108
2	1	$(T^9 - 8T^8 + 27T^7 - 49T^6 + 49T^5 - 21T^4 - 7T^3 + 13T^2 - 6T + 1)/(-T + 1)^9$	673
3	4	$(T^8 - 4T^7 + 4T^6 + 4T^5 - 10T^4 + 4T^3 + 4T^2 - 4T + 1)/(-T + 1)^9$	148
1	2	$(T^9 - 7T^8 + 20T^7 - 28T^6 + 14T^5 + 14T^4 - 28T^3 + 20T^2 - 7T + 1)/(-T + 1)^9$	983
0	3	$(-2T^{10} + 17T^9 - 63T^8 + 132T^7 - 168T^6 + 126T^5 - 42T^4 - 12T^3 + 18T^2 - 7T + 1)/(-T + 1)^9$	70
2	2	$(T^9 - 9T^8 + 34T^7 - 70T^6 + 84T^5 - 56T^4 + 14T^3 + 6T^2 - 5T + 1)/(-T + 1)^9$	261
4	2	$(T^8 - 5T^7 + 8T^6 - T^5 - 10T^4 + 9T^3 - 3T + 1)/(-T + 1)^9$	21
2	3	$(T^9 - 10T^8 + 41T^7 - 91T^6 + 119T^5 - 91T^4 + 35T^3 - T^2 - 4T + 1)/(-T + 1)^9$	54
4	3	$(2T^8 - 11T^7 + 22T^6 - 16T^5 - 5T^4 + 13T^3 - 4T^2 - 2T + 1)/(-T + 1)^9$	5
2	4	$(-3T^8 + 20T^7 - 56T^6 + 84T^5 - 70T^4 + 28T^3 - 4T + 1)/(-T + 1)^9$	25
2	1	$(-T^{10} + 10T^9 - 44T^8 + 111T^7 - 175T^6 + 175T^5 - 105T^4 + 29T^3 + 4T^2 - 5T + 1)/(-T + 1)^9$	23
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Dimension	Degree	Hilbert Series	Count
3	3	$(-T^8 + 9T^7 - 32T^6 + 59T^5 - 60T^4 + 31T^3 - 4T^2 - 3T + 1)/(-T + 1)^9$	26
4	2	$(2T^7 - 13T^6 + 34T^5 - 45T^4 + 30T^3 - 7T^2 - 2T + 1)/(-T + 1)^9$	3
3	5	$(T^8 - 3T^7 - 2T^6 + 19T^5 - 30T^4 + 19T^3 - 2T^2 - 3T + 1)/(-T + 1)^9$	9
3	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^6$	6
4	1	$(-T^4 + 3T^3 - 2T^2 - T + 1)/(-T + 1)^6$	4
2	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^6$	14
2	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^6$	20
4	2	$(T^3 - T^2 - T + 1)/(-T + 1)^6$	11
4	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^7$	59
4	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^7$	24
3	1	$(T^9 - 8T^8 + 27T^7 - 49T^6 + 49T^5 - 21T^4 - 7T^3 + 13T^2 - 6T + 1)/(-T + 1)^{10}$	34
4	1	$(-T + 1)(-4)$	2
2	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^5$	8
1	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^5$	52
0	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^5$	8
1	3	$(2T^9 - 15T^8 + 48T^7 - 84T^6 + 84T^5 - 42T^4 + 12T^2 - 6T + 1)/(-T + 1)^9$	238
2	1	$(2T^9 - 16T^8 + 55T^7 - 105T^6 + 119T^5 - 77T^4 + 21T^3 + 5T^2 - 5T + 1)/(-T + 1)^9$	101
3	6	$(2T^8 - 9T^7 + 13T^6 - T^5 - 15T^4 + 13T^3 - T^2 - 3T + 1)/(-T + 1)^9$	39
2	2	$(-3T^{16} + 46T^{15} - 328T^{14} + 1442T^{13} - 4368T^{12} + 9646T^{11} - 16016T^{10} + 20306T^9 - 19734T^8 + 14586T^7 - 8008T^6 + 3094T^5 - 728T^4 + 42T^3 + 32T^2 - 10T + 1)/(-T + 1)^{16}$	10
2	6	$(5T^{15} - 69T^{14} + 441T^{13} - 1729T^{12} + 4641T^{11} - 9009T^{10} + 13013T^9 - 14157T^8 + 11583T^7 - 7007T^6 + 3003T^5 - 819T^4 + 91T^3 + 21T^2 - 9T + 1)/(-T + 1)^{16}$	8
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Dimension	Degree	Hilbert Series	Count
3	2	$(4T^{15} - 57T^{14} + 376T^{13} - 1521T^{12} + 4212T^{11} - 8437T^{10} + 12584T^9 - 14157T^8 + 12012T^7 - 7579T^6 + 3432T^5 - 1027T^4 + 156T^3 + 9T^2 - 8T + 1)/(-T + 1)^{16}$	2
3	2	$(-T^{16} + 18T^{15} - 148T^{14} + 740T^{13} - 2522T^{12} + 6214T^{11} - 11440T^{10} + 16016T^9 - 17160T^8 + 14014T^7 - 8580T^6 + 3796T^5 - 1118T^4 + 170T^3 + 8T^2 - 8T + 1)/(-T + 1)^{16}$	1
3	10	$(-2T^{15} + 19T^{14} - 66T^{13} + 39T^{12} + 494T^{11} - 2145T^{10} + 4862T^9 - 7293T^8 + 7722T^7 - 5863T^6 + 3146T^5 - 1131T^4 + 234T^3 - 11T^2 - 6T + 1)/(-T + 1)^{16}$	3
4	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^8$	357
4	1	$(-T^6 + 5T^5 - 9T^4 + 6T^3 + T^2 - 3T + 1)/(-T + 1)^8$	179
3	2	$(-T^{16} + 15T^{15} - 106T^{14} + 467T^{13} - 1430T^{12} + 3211T^{11} - 5434T^{10} + 7007T^9 - 6864T^8 + 5005T^7 - 2574T^6 + 793T^5 - 26T^4 - 103T^3 + 50T^2 - 11T + 1)/(-T + 1)^{16}$	9
4	6	$(T^{14} - 8T^{13} + 19T^{12} + 32T^{11} - 319T^{10} + 968T^9 - 1749T^8 + 2112T^7 - 1749T^6 + 968T^5 - 319T^4 + 32T^3 + 19T^2 - 8T + 1)/(-T + 1)^{16}$	3
3	2	$(-T^6 + 6T^5 - 13T^4 + 12T^3 - 3T^2 - 2T + 1)/(-T + 1)^7$	5
4	1	$(2T^5 - 8T^4 + 11T^3 - 5T^2 - T + 1)/(-T + 1)^7$	2
2	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^7$	20
3	4	$(T^6 - 2T^5 - T^4 + 4T^3 - T^2 - 2T + 1)/(-T + 1)^7$	15
3	3	$(T^6 - 3T^5 + 3T^4 - 2T^3 + 3T^2 - 3T + 1)/(-T + 1)^7$	42
2	1	$(T^7 - 6T^6 + 14T^5 - 15T^4 + 5T^3 + 4T^2 - 4T + 1)/(-T + 1)^7$	76
2	4	$(3T^{11} - 29T^{10} + 125T^9 - 315T^8 + 510T^7 - 546T^6 + 378T^5 - 150T^4 + 15T^3 + 15T^2 - 7T + 1)/(-T + 1)^{12}$	11
4	6	$(T^{10} - 4T^9 - 3T^8 + 48T^7 - 126T^6 + 168T^5 - 126T^4 + 48T^3 - 3T^2 - 4T + 1)/(-T + 1)^{12}$	2
3	2	$(2T^{11} - 21T^{10} + 98T^9 - 267T^8 + 468T^7 - 546T^6 + 420T^5 - 198T^4 + 42T^3 + 7T^2 - 6T + 1)/(-T + 1)^{12}$	2
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Dimension	Degree	Hilbert Series	Count
4	2	$(-2T^8 + 15T^7 - 47T^6 + 79T^5 - 75T^4 + 37T^3 - 5T^2 - 3T + 1)/(-T + 1)^{10}$	2
3	4	$(3T^5 - 11T^4 + 14T^3 - 6T^2 - T + 1)/(-T + 1)^7$	5
2	1	$(2T^7 - 12T^6 + 29T^5 - 35T^4 + 20T^3 - 2T^2 - 3T + 1)/(-T + 1)^7$	36
1	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^7$	396
3	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^7$	21
4	1	$(T^6 - 3T^5 + 2T^4 + T^3 - 2T + 1)/(-T + 1)^7$	6
1	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^7$	48
3	4	$(3T^7 - 17T^6 + 39T^5 - 45T^4 + 25T^3 - 3T^2 - 3T + 1)/(-T + 1)^9$	10
4	3	$(-T^8 + 6T^7 - 17T^6 + 29T^5 - 30T^4 + 16T^3 - T^2 - 3T + 1)/(-T + 1)^9$	1
3	8	$(3T^8 - 14T^7 + 22T^6 - 6T^5 - 20T^4 + 22T^3 - 6T^2 - 2T + 1)/(-T + 1)^9$	9
4	3	$(-T^7 + 4T^6 - 6T^5 + 5T^4 - 5T^3 + 6T^2 - 4T + 1)/(-T + 1)^9$	1
2	2	$(2T^9 - 17T^8 + 62T^7 - 126T^6 + 154T^5 - 112T^4 + 42T^3 - 2T^2 - 4T + 1)/(-T + 1)^9$	18
2	5	$(-4T^8 + 27T^7 - 77T^6 + 119T^5 - 105T^4 + 49T^3 - 7T^2 - 3T + 1)/(-T + 1)^9$	1
4	3	$(-T^8 + 9T^7 - 32T^6 + 59T^5 - 60T^4 + 31T^3 - 4T^2 - 3T + 1)/(-T + 1)^{10}$	19
4	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^{10}$	42
4	6	$(T^8 - 2T^7 - 8T^6 + 34T^5 - 50T^4 + 34T^3 - 8T^2 - 2T + 1)/(-T + 1)^{10}$	9
4	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^7$	3
0	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^7$	28
2	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^7$	225
4	4	$(-3T^6 + 14T^5 - 25T^4 + 20T^3 - 5T^2 - 2T + 1)/(-T + 1)^9$	6
1	2	$(-T^{10} + 8T^9 - 27T^8 + 48T^7 - 42T^6 + 42T^4 - 48T^3 + 27T^2 - 8T + 1)/(-T + 1)^{10}$	149
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Dimension	Degree	Hilbert Series	Count
2	1	$(-T^{10} + 9T^9 - 35T^8 + 76T^7 - 98T^6 + 70T^5 - 14T^4 - 20T^3 + 19T^2 - 7T + 1)/(-T + 1)^{10}$	17
2	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^7$	30
4	2	$(2T^8 - 10T^7 + 17T^6 - 6T^5 - 15T^4 + 18T^3 - 5T^2 - 2T + 1)/(-T + 1)^9$	6
4	3	$(-2T^{10} + 20T^9 - 87T^8 + 216T^7 - 336T^6 + 336T^5 - 210T^4 + 72T^3 - 6T^2 - 4T + 1)/(-T + 1)^{12}$	3
3	4	$(-3T^{14} + 38T^{13} - 221T^{12} + 780T^{11} - 1859T^{10} + 3146T^9 - 3861T^8 + 3432T^7 - 2145T^6 + 858T^5 - 143T^4 - 52T^3 + 39T^2 - 10T + 1)/(-T + 1)^{16}$	1
2	2	$(-T^{10} + 10T^9 - 43T^8 + 104T^7 - 154T^6 + 140T^5 - 70T^4 + 8T^3 + 11T^2 - 6T + 1)/(-T + 1)^{10}$	4
4	5	$(T^6 - T^5 - 5T^4 + 10T^3 - 5T^2 - T + 1)/(-T + 1)^8$	2
2	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^8$	48
2	6	$(-T^{16} + 20T^{15} - 174T^{14} + 896T^{13} - 3094T^{12} + 7644T^{11} - 14014T^{10} + 19448T^9 - 20592T^8 + 16588T^7 - 10010T^6 + 4368T^5 - 1274T^4 + 196T^3 + 6T^2 - 8T + 1)/(-T + 1)^{16}$	2
3	2	$(3T^{15} - 43T^{14} + 285T^{13} - 1157T^{12} + 3211T^{11} - 6435T^{10} + 9581T^9 - 10725T^8 + 9009T^7 - 5577T^6 + 2431T^5 - 663T^4 + 65T^3 + 23T^2 - 9T + 1)/(-T + 1)^{16}$	1
2	1	$(-2T^{16} + 30T^{15} - 209T^{14} + 896T^{13} - 2639T^{12} + 5642T^{11} - 9009T^{10} + 10868T^9 - 9867T^8 + 6578T^7 - 3003T^6 + 728T^5 + 91T^4 - 154T^3 + 61T^2 - 12T + 1)/(-T + 1)^{16}$	2
4	3	$(T^4 - T^3 - T + 1)/(-T + 1)^6$	1
1	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^6$	4
1	1	$(-T^{10} + 9T^9 - 35T^8 + 76T^7 - 98T^6 + 70T^5 - 14T^4 - 20T^3 + 19T^2 - 7T + 1)/(-T + 1)^9$	34
3	2	$(T^9 - 8T^8 + 29T^7 - 61T^6 + 79T^5 - 61T^4 + 23T^3 + T^2 - 4T + 1)/(-T + 1)^9$	11
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Dimension	Degree	Hilbert Series	Count
2	2	$(-T^{11} + 9T^{10} - 35T^9 + 75T^8 - 92T^7 + 56T^6 - 20T^4 + 5T^3 + 7T^2 - 5T + 1)/(-T + 1)^9$	7
3	5	$(4T^7 - 23T^6 + 54T^5 - 65T^4 + 40T^3 - 9T^2 - 2T + 1)/(-T + 1)^9$	4
3	1	$(T^9 - 8T^8 + 28T^7 - 55T^6 + 64T^5 - 41T^4 + 8T^3 + 7T^2 - 5T + 1)/(-T + 1)^9$	38
3	1	$(T^9 - 9T^8 + 35T^7 - 76T^6 + 99T^5 - 76T^4 + 29T^3 - 4T + 1)/(-T + 1)^9$	5
4	5	$(-T^7 + 2T^6 + 4T^5 - 15T^4 + 15T^3 - 4T^2 - 2T + 1)/(-T + 1)^9$	1
1	6	$(-5T^{16} + 74T^{15} - 510T^{14} + 2170T^{13} - 6370T^{12} + 13650T^{11} - 22022T^{10} + 27170T^9 - 25740T^8 + 18590T^7 - 10010T^6 + 3822T^5 - 910T^4 + 70T^3 + 30T^2 - 10T + 1)/(-T + 1)^{16}$	1
3	6	$(-3T^5 + 7T^4 - 4T^3 - T + 1)/(-T + 1)^6$	1
3	3	$(-T^5 + 2T^4 - T^3 + T^2 - 2T + 1)/(-T + 1)^6$	2
4	1	$(-2T^5 + 5T^4 - 3T^3 - T + 1)/(-T + 1)^6$	1
2	6	$(3T^6 - 10T^5 + 11T^4 - 4T^3 + T^2 - 2T + 1)/(-T + 1)^6$	2
2	3	$(T^6 - 3T^5 + 3T^4 - 2T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	4
3	2	$(-2T^{16} + 30T^{15} - 211T^{14} + 922T^{13} - 2795T^{12} + 6214T^{11} - 10439T^{10} + 13442T^9 - 13299T^8 + 10010T^7 - 5577T^6 + 2158T^5 - 481T^4 + 2T^3 + 35T^2 - 10T + 1)/(-T + 1)^{16}$	1
3	6	$(-T^9 + 3T^8 + 6T^7 - 42T^6 + 84T^5 - 84T^4 + 42T^3 - 6T^2 - 3T + 1)/(-T + 1)^{10}$	1
4	2	$(T^5 - 5T^4 + 8T^3 - 4T^2 - T + 1)/(-T + 1)^7$	3
2	1	$(-T^8 + 7T^7 - 20T^6 + 29T^5 - 20T^4 + T^3 + 8T^2 - 5T + 1)/(-T + 1)^8$	23
4	1	$(-2T^6 + 10T^5 - 19T^4 + 16T^3 - 4T^2 - 2T + 1)/(-T + 1)^8$	1
3	2	$(-T^{12} + 11T^{11} - 56T^{10} + 173T^9 - 357T^8 + 510T^7 - 504T^6 + 330T^5 - 123T^4 + 7T^3 + 16T^2 - 7T + 1)/(-T + 1)^{12}$	4
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Dimension	Degree	Hilbert Series	Count
2	4	$(-2T^{16} + 33T^{15} - 251T^{14} + 1169T^{13} - 3731T^{12} + 8645T^{11} - 15015T^{10} + 19877T^9 - 20163T^8 + 15587T^7 - 9009T^6 + 3731T^5 - 1001T^4 + 119T^3 + 19T^2 - 9T + 1)/(-T + 1)^{16}$	1
3	2	$(-T^{12} + 12T^{11} - 66T^{10} + 218T^9 - 477T^8 + 720T^7 - 756T^6 + 540T^5 - 243T^4 + 52T^3 + 6T^2 - 6T + 1)/(-T + 1)^{12}$	1

5 N=6

5.1 E=6

Table 20: Quivers with 6 Vertices and 6 Edges

Dimension	Degree	Hilbert Series	Count
0	1	1	1

5.2 E=7

Table 21: Quivers with 6 Vertices and 7 Edges

Dimension	Degree	Hilbert Series	Count
1	1	$1/(-T + 1)$	3
0	1	$(T^2 - 2T + 1)/(-T + 1)^2$	6

5.3 E=8

Table 22: Quivers with 6 Vertices and 8 Edges

Dimension	Degree	Hilbert Series	Count
2	1	$(-T + 1)(-2)$	18
1	1	$(T^2 - 2T + 1)/(-T + 1)^3$	45
0	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^3$	42
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	69
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	127
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	232
2	2	$(T^3 - T^2 - T + 1)/(-T + 1)^4$	10
1	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^4$	4
2	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^5$	1

5.4 E=9

Table 23: Quivers with 6 Vertices and 9 Edges

Dimension	Degree	Hilbert Series	Count
1	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^5$	1371
2	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^5$	603
3	1	$(-T + 1)(-3)$	30
3	2	$(T^3 - T^2 - T + 1)/(-T + 1)^5$	50
3	1	$(T^2 - 2T + 1)/(-T + 1)^5$	302
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	160
2	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^6$	1648
2	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^6$	335
3	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^6$	6
3	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^6$	72
3	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	156
3	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^6$	82
1	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^6$	2164
0	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^6$	3996
1	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^6$	96
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	101
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	236
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	7972
2	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^8$	1037
2	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^8$	234
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	4538
3	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^8$	126
2	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^8$	1078
1	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^8$	717
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Dimension	Degree	Hilbert Series	Count
3	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^8$	312
2	1	$(-T^8 + 7T^7 - 20T^6 + 29T^5 - 20T^4 + T^3 + 8T^2 - 5T + 1)/(-T + 1)^8$	166
0	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^5$	782
2	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^5$	4
2	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^5$	39
1	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^5$	14
1	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^5$	68
3	1	$(-T^4 + 3T^3 - 2T^2 - T + 1)/(-T + 1)^5$	10
2	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^5$	5
2	2	$(-T^8 + 8T^7 - 26T^6 + 44T^5 - 40T^4 + 16T^3 + 2T^2 - 4T + 1)/(-T + 1)^8$	11
2	4	$(3T^7 - 17T^6 + 39T^5 - 45T^4 + 25T^3 - 3T^2 - 3T + 1)/(-T + 1)^8$	4
3	4	$(-3T^6 + 14T^5 - 25T^4 + 20T^3 - 5T^2 - 2T + 1)/(-T + 1)^8$	21
3	3	$(T^4 - T^3 - T + 1)/(-T + 1)^5$	1
0	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^5$	32
1	3	$(-2T^8 + 13T^7 - 35T^6 + 49T^5 - 35T^4 + 7T^3 + 7T^2 - 5T + 1)/(-T + 1)^8$	9
2	1	$(-T^6 + 5T^5 - 9T^4 + 6T^3 + T^2 - 3T + 1)/(-T + 1)^6$	16

5.5 E=10

Table 24: Quivers with 6 Vertices and 10 Edges

Dimension	Degree	Hilbert Series	Count
4	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^7$	432
4	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^7$	184
3	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^7$	4078
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Dimension	Degree	Hilbert Series	Count
2	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^7$	7270
4	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^7$	30
3	1	$(-T^6 + 5T^5 - 9T^4 + 6T^3 + T^2 - 3T + 1)/(-T + 1)^7$	48
1	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^7$	10998
3	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^7$	1360
2	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^7$	1397
2	1	$(T^7 - 6T^6 + 14T^5 - 15T^4 + 5T^3 + 4T^2 - 4T + 1)/(-T + 1)^7$	368
0	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^7$	2010
3	3	$(T^6 - 3T^5 + 3T^4 - 2T^3 + 3T^2 - 3T + 1)/(-T + 1)^7$	152
1	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^7$	1514
1	1	$(-T^8 + 7T^7 - 20T^6 + 29T^5 - 20T^4 + T^3 + 8T^2 - 5T + 1)/(-T + 1)^7$	92
2	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^7$	86
4	1	$(T^6 - 3T^5 + 2T^4 + T^3 - 2T + 1)/(-T + 1)^7$	33
4	2	$(T^5 - 5T^4 + 8T^3 - 4T^2 - T + 1)/(-T + 1)^7$	18
4	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^7$	206
3	4	$(3T^5 - 11T^4 + 14T^3 - 6T^2 - T + 1)/(-T + 1)^7$	11
2	1	$(2T^7 - 12T^6 + 29T^5 - 35T^4 + 20T^3 - 2T^2 - 3T + 1)/(-T + 1)^7$	89
3	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^7$	76
1	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^7$	127
0	1	$(T^{12} - 12T^{11} + 66T^{10} - 220T^9 + 495T^8 - 792T^7 + 924T^6 - 792T^5 + 495T^4 - 220T^3 + 66T^2 - 12T + 1)/(-T + 1)^{12}$	14439
2	1	$(T^{10} - 10T^9 + 45T^8 - 120T^7 + 210T^6 - 252T^5 + 210T^4 - 120T^3 + 45T^2 - 10T + 1)/(-T + 1)^{12}$	3600
3	3	$(T^{11} - 12T^{10} + 62T^9 - 183T^8 + 342T^7 - 420T^6 + 336T^5 - 162T^4 + 33T^3 + 8T^2 - 6T + 1)/(-T + 1)^{12}$	73
1	1	$(-T^{11} + 11T^{10} - 55T^9 + 165T^8 - 330T^7 + 462T^6 - 462T^5 + 330T^4 - 165T^3 + 55T^2 - 11T + 1)/(-T + 1)^{12}$	11178
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Dimension	Degree	Hilbert Series	Count
2	1	$(-T^{12} + 11T^{11} - 54T^{10} + 155T^9 - 285T^8 + 342T^7 - 252T^6 + 78T^5 + 45T^4 - 65T^3 + 34T^2 - 9T + 1)/(-T + 1)^{12}$	1048
1	3	$(-2T^{12} + 21T^{11} - 99T^{10} + 275T^9 - 495T^8 + 594T^7 - 462T^6 + 198T^5 - 55T^3 + 33T^2 - 9T + 1)/(-T + 1)^{12}$	433
2	1	$(-2T^{12} + 22T^{11} - 109T^{10} + 320T^9 - 615T^8 + 804T^7 - 714T^6 + 408T^5 - 120T^4 - 10T^3 + 23T^2 - 8T + 1)/(-T + 1)^{12}$	63
1	2	$(-T^{12} + 10T^{11} - 44T^{10} + 110T^9 - 165T^8 + 132T^7 - 132T^5 + 165T^4 - 110T^3 + 44T^2 - 10T + 1)/(-T + 1)^{12}$	3616
3	3	$(2T^{11} - 22T^{10} + 107T^9 - 303T^8 + 552T^7 - 672T^6 + 546T^5 - 282T^4 + 78T^3 - 2T^2 - 5T + 1)/(-T + 1)^{12}$	2
2	2	$(-T^{12} + 12T^{11} - 64T^{10} + 200T^9 - 405T^8 + 552T^7 - 504T^6 + 288T^5 - 75T^4 - 20T^3 + 24T^2 - 8T + 1)/(-T + 1)^{12}$	491
2	2	$(T^{11} - 9T^{10} + 35T^9 - 75T^8 + 90T^7 - 42T^6 - 42T^5 + 90T^4 - 75T^3 + 35T^2 - 9T + 1)/(-T + 1)^{12}$	1623
2	3	$(-T^{12} + 13T^{11} - 74T^{10} + 245T^9 - 525T^8 + 762T^7 - 756T^6 + 498T^5 - 195T^4 + 25T^3 + 14T^2 - 7T + 1)/(-T + 1)^{12}$	61
3	3	$(-2T^{10} + 17T^9 - 63T^8 + 132T^7 - 168T^6 + 126T^5 - 42T^4 - 12T^3 + 18T^2 - 7T + 1)/(-T + 1)^{12}$	307
2	3	$(2T^{11} - 19T^{10} + 80T^9 - 195T^8 + 300T^7 - 294T^6 + 168T^5 - 30T^4 - 30T^3 + 25T^2 - 8T + 1)/(-T + 1)^{12}$	195
4	3	$(2T^9 - 15T^8 + 48T^7 - 84T^6 + 84T^5 - 42T^4 + 12T^2 - 6T + 1)/(-T + 1)^{12}$	42
3	2	$(-T^{10} + 8T^9 - 27T^8 + 48T^7 - 42T^6 + 42T^4 - 48T^3 + 27T^2 - 8T + 1)/(-T + 1)^{12}$	912
3	2	$(T^{11} - 11T^{10} + 53T^9 - 147T^8 + 258T^7 - 294T^6 + 210T^5 - 78T^4 - 3T^3 + 17T^2 - 7T + 1)/(-T + 1)^{12}$	182
3	2	$(-T^{12} + 11T^{11} - 56T^{10} + 173T^9 - 357T^8 + 510T^7 - 504T^6 + 330T^5 - 123T^4 + 7T^3 + 16T^2 - 7T + 1)/(-T + 1)^{12}$	14
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Dimension	Degree	Hilbert Series	Count
2	4	$(3T^{11} - 29T^{10} + 125T^9 - 315T^8 + 510T^7 - 546T^6 + 378T^5 - 150T^4 + 15T^3 + 15T^2 - 7T + 1)/(-T + 1)^{12}$	37
3	2	$(-T^{12} + 12T^{11} - 66T^{10} + 218T^9 - 477T^8 + 720T^7 - 756T^6 + 540T^5 - 243T^4 + 52T^3 + 6T^2 - 6T + 1)/(-T + 1)^{12}$	7
3	4	$(T^8 - 4T^7 + 4T^6 + 4T^5 - 10T^4 + 4T^3 + 4T^2 - 4T + 1)/(-T + 1)^9$	333
2	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^9$	18672
2	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^9$	5025
1	1	$(-T^{10} + 9T^9 - 35T^8 + 76T^7 - 98T^6 + 70T^5 - 14T^4 - 20T^3 + 19T^2 - 7T + 1)/(-T + 1)^9$	82
3	2	$(T^9 - 8T^8 + 29T^7 - 61T^6 + 79T^5 - 61T^4 + 23T^3 + T^2 - 4T + 1)/(-T + 1)^9$	17
3	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^9$	3944
2	1	$(T^9 - 8T^8 + 27T^7 - 49T^6 + 49T^5 - 21T^4 - 7T^3 + 13T^2 - 6T + 1)/(-T + 1)^9$	1496
1	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^9$	31829
2	2	$(T^9 - 9T^8 + 34T^7 - 70T^6 + 84T^5 - 56T^4 + 14T^3 + 6T^2 - 5T + 1)/(-T + 1)^9$	535
2	2	$(-T^{11} + 9T^{10} - 35T^9 + 75T^8 - 92T^7 + 56T^6 - 20T^4 + 5T^3 + 7T^2 - 5T + 1)/(-T + 1)^9$	21
3	3	$(T^8 - 5T^7 + 10T^6 - 11T^5 + 10T^4 - 11T^3 + 10T^2 - 5T + 1)/(-T + 1)^9$	273
3	6	$(2T^8 - 9T^7 + 13T^6 - T^5 - 15T^4 + 13T^3 - T^2 - 3T + 1)/(-T + 1)^9$	84
4	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^9$	189
1	2	$(T^9 - 7T^8 + 20T^7 - 28T^6 + 14T^5 + 14T^4 - 28T^3 + 20T^2 - 7T + 1)/(-T + 1)^9$	2610
3	5	$(T^8 - 3T^7 - 2T^6 + 19T^5 - 30T^4 + 19T^3 - 2T^2 - 3T + 1)/(-T + 1)^9$	22
2	3	$(-2T^8 + 13T^7 - 35T^6 + 49T^5 - 35T^4 + 7T^3 + 7T^2 - 5T + 1)/(-T + 1)^9$	748
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Dimension	Degree	Hilbert Series	Count
4	3	$(T^7 - 8T^6 + 24T^5 - 35T^4 + 25T^3 - 6T^2 - 2T + 1)/(-T + 1)^9$	7
3	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^9$	970
4	3	$(2T^8 - 11T^7 + 22T^6 - 16T^5 - 5T^4 + 13T^3 - 4T^2 - 2T + 1)/(-T + 1)^9$	10
4	1	$(T^2 - 2T + 1)/(-T + 1)^6$	786
2	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^6$	5088
3	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	1272
3	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^6$	371
0	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^6$	8108
1	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^6$	4000
0	2	$(-T^{10} + 8T^9 - 27T^8 + 48T^7 - 42T^6 + 42T^4 - 48T^3 + 27T^2 - 8T + 1)/(-T + 1)^9$	719
0	1	$(-T^9 + 9T^8 - 36T^7 + 84T^6 - 126T^5 + 126T^4 - 84T^3 + 36T^2 - 9T + 1)/(-T + 1)^9$	10670
0	3	$(-2T^{10} + 17T^9 - 63T^8 + 132T^7 - 168T^6 + 126T^5 - 42T^4 - 12T^3 + 18T^2 - 7T + 1)/(-T + 1)^9$	374
1	2	$(-T^{10} + 10T^9 - 43T^8 + 104T^7 - 154T^6 + 140T^5 - 70T^4 + 8T^3 + 11T^2 - 6T + 1)/(-T + 1)^9$	296
1	3	$(2T^9 - 15T^8 + 48T^7 - 84T^6 + 84T^5 - 42T^4 + 12T^2 - 6T + 1)/(-T + 1)^9$	684
2	3	$(T^9 - 10T^8 + 41T^7 - 91T^6 + 119T^5 - 91T^4 + 35T^3 - T^2 - 4T + 1)/(-T + 1)^9$	73
2	1	$(-T^{10} + 10T^9 - 44T^8 + 111T^7 - 175T^6 + 175T^5 - 105T^4 + 29T^3 + 4T^2 - 5T + 1)/(-T + 1)^9$	57
2	1	$(2T^9 - 16T^8 + 55T^7 - 105T^6 + 119T^5 - 77T^4 + 21T^3 + 5T^2 - 5T + 1)/(-T + 1)^9$	130
4	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^9$	1152
4	2	$(2T^8 - 10T^7 + 17T^6 - 6T^5 - 15T^4 + 18T^3 - 5T^2 - 2T + 1)/(-T + 1)^9$	15
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Dimension	Degree	Hilbert Series	Count
2	2	$(2T^9 - 17T^8 + 62T^7 - 126T^6 + 154T^5 - 112T^4 + 42T^3 - 2T^2 - 4T + 1)/(-T + 1)^9$	26
2	4	$(-3T^8 + 20T^7 - 56T^6 + 84T^5 - 70T^4 + 28T^3 - 4T + 1)/(-T + 1)^9$	82
4	2	$(T^8 - 5T^7 + 8T^6 - T^5 - 10T^4 + 9T^3 - 3T + 1)/(-T + 1)^9$	60
2	5	$(4T^{11} - 39T^{10} + 170T^9 - 435T^8 + 720T^7 - 798T^6 + 588T^5 - 270T^4 + 60T^3 + 5T^2 - 6T + 1)/(-T + 1)^{12}$	4
4	2	$(T^3 - T^2 - T + 1)/(-T + 1)^6$	96
3	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^6$	16
2	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^6$	54
2	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^6$	198
1	1	$(-T^9 + 9T^8 - 36T^7 + 84T^6 - 126T^5 + 126T^4 - 84T^3 + 36T^2 - 9T + 1)/(-T + 1)^{10}$	8406
0	1	$(T^{10} - 10T^9 + 45T^8 - 120T^7 + 210T^6 - 252T^5 + 210T^4 - 120T^3 + 45T^2 - 10T + 1)/(-T + 1)^{10}$	11612
2	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^{10}$	11197
2	2	$(T^9 - 7T^8 + 20T^7 - 28T^6 + 14T^5 + 14T^4 - 28T^3 + 20T^2 - 7T + 1)/(-T + 1)^{10}$	3301
3	4	$(-3T^8 + 20T^7 - 56T^6 + 84T^5 - 70T^4 + 28T^3 - 4T + 1)/(-T + 1)^{10}$	184
1	2	$(-T^{10} + 8T^9 - 27T^8 + 48T^7 - 42T^6 + 42T^4 - 48T^3 + 27T^2 - 8T + 1)/(-T + 1)^{10}$	482
3	2	$(T^9 - 9T^8 + 34T^7 - 70T^6 + 84T^5 - 56T^4 + 14T^3 + 6T^2 - 5T + 1)/(-T + 1)^{10}$	513
3	3	$(-2T^8 + 13T^7 - 35T^6 + 49T^5 - 35T^4 + 7T^3 + 7T^2 - 5T + 1)/(-T + 1)^{10}$	527
3	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^{10}$	731
2	2	$(-T^{10} + 10T^9 - 43T^8 + 104T^7 - 154T^6 + 140T^5 - 70T^4 + 8T^3 + 11T^2 - 6T + 1)/(-T + 1)^{10}$	23
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Dimension	Degree	Hilbert Series	Count
2	4	$(3T^9 - 23T^8 + 76T^7 - 140T^6 + 154T^5 - 98T^4 + 28T^3 + 4T^2 - 5T + 1)/(-T + 1)^{10}$	5
4	2	$(T^9 - 8T^8 + 29T^7 - 61T^6 + 79T^5 - 61T^4 + 23T^3 + T^2 - 4T + 1)/(-T + 1)^{10}$	25
2	3	$(2T^9 - 15T^8 + 48T^7 - 84T^6 + 84T^5 - 42T^4 + 12T^2 - 6T + 1)/(-T + 1)^{10}$	522
4	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^{10}$	59
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	8439
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	8675
3	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^8$	3037
3	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^8$	438
3	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^8$	2252
1	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^8$	1168
4	1	$(-T^4 + 3T^3 - 2T^2 - T + 1)/(-T + 1)^6$	27
4	3	$(T^4 - T^3 - T + 1)/(-T + 1)^6$	5
3	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^6$	14
1	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^6$	20
1	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^6$	32
4	6	$(T^8 - 2T^7 - 8T^6 + 34T^5 - 50T^4 + 34T^3 - 8T^2 - 2T + 1)/(-T + 1)^{10}$	16
3	1	$(T^9 - 8T^8 + 27T^7 - 49T^6 + 49T^5 - 21T^4 - 7T^3 + 13T^2 - 6T + 1)/(-T + 1)^{10}$	55
0	1	$(T^{16} - 16T^{15} + 120T^{14} - 560T^{13} + 1820T^{12} - 4368T^{11} + 8008T^{10} - 11440T^9 + 12870T^8 - 11440T^7 + 8008T^6 - 4368T^5 + 1820T^4 - 560T^3 + 120T^2 - 16T + 1)/(-T + 1)^{16}$	17814
1	2	$(-T^{16} + 14T^{15} - 90T^{14} + 350T^{13} - 910T^{12} + 1638T^{11} - 2002T^{10} + 1430T^9 - 1430T^7 + 2002T^6 - 1638T^5 + 910T^4 - 350T^3 + 90T^2 - 14T + 1)/(-T + 1)^{16}$	3923
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Dimension	Degree	Hilbert Series	Count
1	1	$(-T^{15} + 15T^{14} - 105T^{13} + 455T^{12} - 1365T^{11} + 3003T^{10} - 5005T^9 + 6435T^8 - 6435T^7 + 5005T^6 - 3003T^5 + 1365T^4 - 455T^3 + 105T^2 - 15T + 1)/(-T + 1)^{16}$	6028
1	3	$(-2T^{16} + 29T^{15} - 195T^{14} + 805T^{13} - 2275T^{12} + 4641T^{11} - 7007T^{10} + 7865T^9 - 6435T^8 + 3575T^7 - 1001T^6 - 273T^5 + 455T^4 - 245T^3 + 75T^2 - 13T + 1)/(-T + 1)^{16}$	1213
2	1	$(T^{14} - 14T^{13} + 91T^{12} - 364T^{11} + 1001T^{10} - 2002T^9 + 3003T^8 - 3432T^7 + 3003T^6 - 2002T^5 + 1001T^4 - 364T^3 + 91T^2 - 14T + 1)/(-T + 1)^{16}$	240
1	5	$(-4T^{16} + 59T^{15} - 405T^{14} + 1715T^{13} - 5005T^{12} + 10647T^{11} - 17017T^{10} + 20735T^9 - 19305T^8 + 13585T^7 - 7007T^6 + 2457T^5 - 455T^4 - 35T^3 + 45T^2 - 11T + 1)/(-T + 1)^{16}$	51
1	4	$(-3T^{16} + 44T^{15} - 300T^{14} + 1260T^{13} - 3640T^{12} + 7644T^{11} - 12012T^{10} + 14300T^9 - 12870T^8 + 8580T^7 - 4004T^6 + 1092T^5 - 140T^3 + 60T^2 - 12T + 1)/(-T + 1)^{16}$	343
2	2	$(T^{15} - 13T^{14} + 77T^{13} - 273T^{12} + 637T^{11} - 1001T^{10} + 1001T^9 - 429T^8 - 429T^7 + 1001T^6 - 1001T^5 + 637T^4 - 273T^3 + 77T^2 - 13T + 1)/(-T + 1)^{16}$	2236
4	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^8$	246
2	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^8$	4503
3	1	$(T^7 - 6T^6 + 14T^5 - 15T^4 + 5T^3 + 4T^2 - 4T + 1)/(-T + 1)^8$	531
2	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^8$	10473
4	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^9$	401
3	2	$(-T^8 + 8T^7 - 26T^6 + 44T^5 - 40T^4 + 16T^3 + 2T^2 - 4T + 1)/(-T + 1)^9$	214
3	5	$(-4T^{10} + 35T^9 - 135T^8 + 300T^7 - 420T^6 + 378T^5 - 210T^4 + 60T^3 - 5T + 1)/(-T + 1)^{12}$	70
3	1	$(T^2 - 2T + 1)/(-T + 1)^5$	248
4	1	$(-T + 1)(-4)$	25
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Dimension	Degree	Hilbert Series	Count
2	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^5$	120
1	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^5$	486
0	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^5$	140
3	2	$(-T^6 + 6T^5 - 13T^4 + 12T^3 - 3T^2 - 2T + 1)/(-T + 1)^7$	16
3	4	$(T^6 - 2T^5 - T^4 + 4T^3 - T^2 - 2T + 1)/(-T + 1)^7$	43
3	8	$(-T^{15} + 7T^{14} - T^{13} - 169T^{12} + 923T^{11} - 2717T^{10} + 5291T^9 - 7293T^8 + 7293T^7 - 5291T^6 + 2717T^5 - 923T^4 + 169T^3 + T^2 - 7T + 1)/(-T + 1)^{16}$	3
2	4	$(3T^{15} - 41T^{14} + 259T^{13} - 1001T^{12} + 2639T^{11} - 5005T^{10} + 7007T^9 - 7293T^8 + 5577T^7 - 3003T^6 + 1001T^5 - 91T^4 - 91T^3 + 49T^2 - 11T + 1)/(-T + 1)^{16}$	172
2	2	$(-T^{16} + 16T^{15} - 118T^{14} + 532T^{13} - 1638T^{12} + 3640T^{11} - 6006T^{10} + 7436T^9 - 6864T^8 + 4576T^7 - 2002T^6 + 364T^5 + 182T^4 - 168T^3 + 62T^2 - 12T + 1)/(-T + 1)^{16}$	866
2	3	$(2T^{15} - 27T^{14} + 168T^{13} - 637T^{12} + 1638T^{11} - 3003T^{10} + 4004T^9 - 3861T^8 + 2574T^7 - 1001T^6 + 273T^4 - 182T^3 + 63T^2 - 12T + 1)/(-T + 1)^{16}$	369
2	3	$(-T^{16} + 17T^{15} - 132T^{14} + 623T^{13} - 2002T^{12} + 4641T^{11} - 8008T^{10} + 10439T^9 - 10296T^8 + 7579T^7 - 4004T^6 + 1365T^5 - 182T^4 - 77T^3 + 48T^2 - 11T + 1)/(-T + 1)^{16}$	181
2	4	$(-T^{16} + 18T^{15} - 146T^{14} + 714T^{13} - 2366T^{12} + 5642T^{11} - 10010T^{10} + 13442T^9 - 13728T^8 + 10582T^7 - 6006T^6 + 2366T^5 - 546T^4 + 14T^3 + 34T^2 - 10T + 1)/(-T + 1)^{16}$	80
2	3	$(-2T^{16} + 32T^{15} - 237T^{14} + 1078T^{13} - 3367T^{12} + 7644T^{11} - 13013T^{10} + 16874T^9 - 16731T^8 + 12584T^7 - 7007T^6 + 2730T^5 - 637T^4 + 28T^3 + 33T^2 - 10T + 1)/(-T + 1)^{16}$	51
2	6	$(5T^{15} - 69T^{14} + 441T^{13} - 1729T^{12} + 4641T^{11} - 9009T^{10} + 13013T^9 - 14157T^8 + 11583T^7 - 7007T^6 + 3003T^5 - 819T^4 + 91T^3 + 21T^2 - 9T + 1)/(-T + 1)^{16}$	17
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Dimension	Degree	Hilbert Series	Count
2	2	$(-2T^{16} + 31T^{15} - 223T^{14} + 987T^{13} - 3003T^{12} + 6643T^{11} - 11011T^{10} + 13871T^9 - 13299T^8 + 9581T^7 - 5005T^6 + 1729T^5 - 273T^4 - 63T^3 + 47T^2 - 11T + 1)/(-T + 1)^{16}$	272
3	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^9$	3969
3	7	$(-T^{11} + 4T^{10} + 8T^9 - 87T^8 + 258T^7 - 420T^6 + 420T^5 - 258T^4 + 87T^3 - 8T^2 - 4T + 1)/(-T + 1)^{12}$	9
3	4	$(-3T^{10} + 26T^9 - 99T^8 + 216T^7 - 294T^6 + 252T^5 - 126T^4 + 24T^3 + 9T^2 - 6T + 1)/(-T + 1)^{12}$	29
4	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^8$	1073
4	1	$(-T^6 + 5T^5 - 9T^4 + 6T^3 + T^2 - 3T + 1)/(-T + 1)^8$	518
4	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^8$	443
2	3	$(-2T^6 + 9T^5 - 15T^4 + 10T^3 - 3T + 1)/(-T + 1)^7$	166
2	1	$(-T^{16} + 15T^{15} - 104T^{14} + 441T^{13} - 1274T^{12} + 2639T^{11} - 4004T^{10} + 4433T^9 - 3432T^8 + 1573T^7 - 637T^5 + 546T^4 - 259T^3 + 76T^2 - 13T + 1)/(-T + 1)^{16}$	94
3	2	$(T^{15} - 15T^{14} + 103T^{13} - 429T^{12} + 1209T^{11} - 2431T^{10} + 3575T^9 - 3861T^8 + 3003T^7 - 1573T^6 + 429T^5 + 65T^4 - 117T^3 + 51T^2 - 11T + 1)/(-T + 1)^{16}$	102
2	6	$(-T^{16} + 20T^{15} - 174T^{14} + 896T^{13} - 3094T^{12} + 7644T^{11} - 14014T^{10} + 19448T^9 - 20592T^8 + 16588T^7 - 10010T^6 + 4368T^5 - 1274T^4 + 196T^3 + 6T^2 - 8T + 1)/(-T + 1)^{16}$	3
2	5	$(4T^{15} - 55T^{14} + 350T^{13} - 1365T^{12} + 3640T^{11} - 7007T^{10} + 10010T^9 - 10725T^8 + 8580T^7 - 5005T^6 + 2002T^5 - 455T^4 + 35T^2 - 10T + 1)/(-T + 1)^{16}$	51
3	2	$(-T^{14} + 12T^{13} - 65T^{12} + 208T^{11} - 429T^{10} + 572T^9 - 429T^8 + 429T^6 - 572T^5 + 429T^4 - 208T^3 + 65T^2 - 12T + 1)/(-T + 1)^{16}$	146
2	5	$(-T^{16} + 19T^{15} - 160T^{14} + 805T^{13} - 2730T^{12} + 6643T^{11} - 12012T^{10} + 16445T^9 - 17160T^8 + 13585T^7 - 8008T^6 + 3367T^5 - 910T^4 + 105T^3 + 20T^2 - 9T + 1)/(-T + 1)^{16}$	15
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Dimension	Degree	Hilbert Series	Count
3	2	$(-T^{16} + 15T^{15} - 106T^{14} + 467T^{13} - 1430T^{12} + 3211T^{11} - 5434T^{10} + 7007T^9 - 6864T^8 + 5005T^7 - 2574T^6 + 793T^5 - 26T^4 - 103T^3 + 50T^2 - 11T + 1)/(-T + 1)^{16}$	33
2	2	$(-3T^{16} + 46T^{15} - 328T^{14} + 1442T^{13} - 4368T^{12} + 9646T^{11} - 16016T^{10} + 20306T^9 - 19734T^8 + 14586T^7 - 8008T^6 + 3094T^5 - 728T^4 + 42T^3 + 32T^2 - 10T + 1)/(-T + 1)^{16}$	21
3	2	$(-T^{16} + 16T^{15} - 120T^{14} + 558T^{13} - 1794T^{12} + 4212T^{11} - 7436T^{10} + 10010T^9 - 10296T^8 + 8008T^7 - 4576T^6 + 1794T^5 - 390T^4 - 12T^3 + 36T^2 - 10T + 1)/(-T + 1)^{16}$	28
3	6	$(-T^{15} + 9T^{14} - 27T^{13} - 13T^{12} + 351T^{11} - 1287T^{10} + 2717T^9 - 3861T^8 + 3861T^7 - 2717T^6 + 1287T^5 - 351T^4 + 13T^3 + 27T^2 - 9T + 1)/(-T + 1)^{16}$	40
4	6	$(-T^7 + T^6 + 9T^5 - 25T^4 + 25T^3 - 9T^2 - T + 1)/(-T + 1)^9$	15
4	6	$(T^{14} - 8T^{13} + 19T^{12} + 32T^{11} - 319T^{10} + 968T^9 - 1749T^8 + 2112T^7 - 1749T^6 + 968T^5 - 319T^4 + 32T^3 + 19T^2 - 8T + 1)/(-T + 1)^{16}$	4
3	1	$(T^9 - 8T^8 + 28T^7 - 55T^6 + 64T^5 - 41T^4 + 8T^3 + 7T^2 - 5T + 1)/(-T + 1)^9$	106
3	1	$(-2T^8 + 14T^7 - 41T^6 + 64T^5 - 55T^4 + 22T^3 + T^2 - 4T + 1)/(-T + 1)^9$	17
3	1	$(-T^8 + 7T^7 - 20T^6 + 29T^5 - 20T^4 + T^3 + 8T^2 - 5T + 1)/(-T + 1)^9$	284
4	2	$(2T^7 - 13T^6 + 34T^5 - 45T^4 + 30T^3 - 7T^2 - 2T + 1)/(-T + 1)^9$	7
1	1	$(-2T^{10} + 18T^9 - 71T^8 + 160T^7 - 224T^6 + 196T^5 - 98T^4 + 16T^3 + 10T^2 - 6T + 1)/(-T + 1)^9$	6
2	1	$(-T^{10} + 9T^9 - 36T^8 + 83T^7 - 119T^6 + 105T^5 - 49T^4 + T^3 + 12T^2 - 6T + 1)/(-T + 1)^9$	6
1	3	$(-T^{10} + 11T^9 - 51T^8 + 132T^7 - 210T^6 + 210T^5 - 126T^4 + 36T^3 + 3T^2 - 5T + 1)/(-T + 1)^9$	9
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Dimension	Degree	Hilbert Series	Count
3	3	$(-T^8 + 9T^7 - 32T^6 + 59T^5 - 60T^4 + 31T^3 - 4T^2 - 3T + 1)/(-T + 1)^9$	23
4	3	$(-T^7 + 4T^6 - 6T^5 + 5T^4 - 5T^3 + 6T^2 - 4T + 1)/(-T + 1)^9$	21
3	1	$(-3T^8 + 21T^7 - 62T^6 + 99T^5 - 90T^4 + 43T^3 - 6T^2 - 3T + 1)/(-T + 1)^9$	6
4	3	$(T^8 - 5T^7 + 7T^6 + 4T^5 - 20T^4 + 19T^3 - 5T^2 - 2T + 1)/(-T + 1)^9$	7
3	1	$(-T^{10} + 10T^9 - 44T^8 + 112T^7 - 181T^6 + 190T^5 - 125T^4 + 44T^3 - 2T^2 - 4T + 1)/(-T + 1)^9$	1
3	1	$(T^9 - 9T^8 + 35T^7 - 76T^6 + 99T^5 - 76T^4 + 29T^3 - 4T + 1)/(-T + 1)^9$	28
4	4	$(-3T^6 + 14T^5 - 25T^4 + 20T^3 - 5T^2 - 2T + 1)/(-T + 1)^9$	47
3	4	$(3T^7 - 17T^6 + 39T^5 - 45T^4 + 25T^3 - 3T^2 - 3T + 1)/(-T + 1)^9$	52
3	6	$(-T^{11} + 5T^{10} - T^9 - 51T^8 + 174T^7 - 294T^6 + 294T^5 - 174T^4 + 51T^3 + T^2 - 5T + 1)/(-T + 1)^{12}$	30
2	1	$(-2T^{16} + 30T^{15} - 209T^{14} + 896T^{13} - 2639T^{12} + 5642T^{11} - 9009T^{10} + 10868T^9 - 9867T^8 + 6578T^7 - 3003T^6 + 728T^5 + 91T^4 - 154T^3 + 61T^2 - 12T + 1)/(-T + 1)^{16}$	10
3	2	$(4T^{15} - 57T^{14} + 376T^{13} - 1521T^{12} + 4212T^{11} - 8437T^{10} + 12584T^9 - 14157T^8 + 12012T^7 - 7579T^6 + 3432T^5 - 1027T^4 + 156T^3 + 9T^2 - 8T + 1)/(-T + 1)^{16}$	7
1	6	$(-5T^{16} + 74T^{15} - 510T^{14} + 2170T^{13} - 6370T^{12} + 13650T^{11} - 22022T^{10} + 27170T^9 - 25740T^8 + 18590T^7 - 10010T^6 + 3822T^5 - 910T^4 + 70T^3 + 30T^2 - 10T + 1)/(-T + 1)^{16}$	4
3	2	$(3T^{15} - 43T^{14} + 285T^{13} - 1157T^{12} + 3211T^{11} - 6435T^{10} + 9581T^9 - 10725T^8 + 9009T^7 - 5577T^6 + 2431T^5 - 663T^4 + 65T^3 + 23T^2 - 9T + 1)/(-T + 1)^{16}$	7
3	2	$(2T^{15} - 29T^{14} + 194T^{13} - 793T^{12} + 2210T^{11} - 4433T^{10} + 6578T^9 - 7293T^8 + 6006T^7 - 3575T^6 + 1430T^5 - 299T^4 - 26T^3 + 37T^2 - 10T + 1)/(-T + 1)^{16}$	18
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Dimension	Degree	Hilbert Series	Count
4	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^{10}$	88
3	2	$(-T^{16} + 17T^{15} - 134T^{14} + 649T^{13} - 2158T^{12} + 5213T^{11} - 9438T^{10} + 13013T^9 - 13728T^8 + 11011T^7 - 6578T^6 + 2795T^5 - 754T^4 + 79T^3 + 22T^2 - 9T + 1)/(-T + 1)^{16}$	9
3	6	$(-5T^{14} + 64T^{13} - 377T^{12} + 1352T^{11} - 3289T^{10} + 5720T^9 - 7293T^8 + 6864T^7 - 4719T^6 + 2288T^5 - 715T^4 + 104T^3 + 13T^2 - 8T + 1)/(-T + 1)^{16}$	18
2	8	$(-2T^9 + 9T^8 - 8T^7 - 28T^6 + 84T^5 - 98T^4 + 56T^3 - 12T^2 - 2T + 1)/(-T + 1)^9$	2
2	6	$(-T^9 + 3T^8 + 6T^7 - 42T^6 + 84T^5 - 84T^4 + 42T^3 - 6T^2 - 3T + 1)/(-T + 1)^9$	11
2	5	$(-4T^8 + 27T^7 - 77T^6 + 119T^5 - 105T^4 + 49T^3 - 7T^2 - 3T + 1)/(-T + 1)^9$	5
2	5	$(-T^9 + 4T^8 - T^7 - 21T^6 + 49T^5 - 49T^4 + 21T^3 + T^2 - 4T + 1)/(-T + 1)^9$	3
4	3	$(-2T^8 + 13T^7 - 38T^6 + 64T^5 - 65T^4 + 37T^3 - 8T^2 - 2T + 1)/(-T + 1)^9$	4
4	3	$(-T^8 + 6T^7 - 17T^6 + 29T^5 - 30T^4 + 16T^3 - T^2 - 3T + 1)/(-T + 1)^9$	7
4	5	$(T^8 - 7T^7 + 17T^6 - 16T^5 + 9T^3 - 3T^2 - 2T + 1)/(-T + 1)^9$	6
3	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^8$	39
4	2	$(-T^6 + 6T^5 - 13T^4 + 12T^3 - 3T^2 - 2T + 1)/(-T + 1)^8$	94
2	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^8$	194
4	5	$(T^6 - T^5 - 5T^4 + 10T^3 - 5T^2 - T + 1)/(-T + 1)^8$	18
2	1	$(-T^{10} + 9T^9 - 35T^8 + 76T^7 - 98T^6 + 70T^5 - 14T^4 - 20T^3 + 19T^2 - 7T + 1)/(-T + 1)^{10}$	64
4	1	$(-2T^5 + 5T^4 - 3T^3 - T + 1)/(-T + 1)^6$	9
3	1	$(2T^6 - 7T^5 + 8T^4 - 3T^3 + T^2 - 2T + 1)/(-T + 1)^6$	2
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Dimension	Degree	Hilbert Series	Count
2	4	$(-2T^{16} + 33T^{15} - 251T^{14} + 1169T^{13} - 3731T^{12} + 8645T^{11} - 15015T^{10} + 19877T^9 - 20163T^8 + 15587T^7 - 9009T^6 + 3731T^5 - 1001T^4 + 119T^3 + 19T^2 - 9T + 1)/(-T + 1)^{16}$	5
4	5	$(-T^7 + 2T^6 + 4T^5 - 15T^4 + 15T^3 - 4T^2 - 2T + 1)/(-T + 1)^9$	3
4	4	$(3T^5 - 11T^4 + 14T^3 - 6T^2 - T + 1)/(-T + 1)^8$	2
3	5	$(4T^7 - 23T^6 + 54T^5 - 65T^4 + 40T^3 - 9T^2 - 2T + 1)/(-T + 1)^9$	5
4	3	$(-T^8 + 9T^7 - 32T^6 + 59T^5 - 60T^4 + 31T^3 - 4T^2 - 3T + 1)/(-T + 1)^{10}$	38
4	3	$(-2T^{10} + 20T^9 - 87T^8 + 216T^7 - 336T^6 + 336T^5 - 210T^4 + 72T^3 - 6T^2 - 4T + 1)/(-T + 1)^{12}$	10
2	4	$(-T^9 + 5T^8 - 8T^7 + 14T^5 - 14T^4 + 8T^2 - 5T + 1)/(-T + 1)^9$	17
4	2	$(-T^8 + 7T^7 - 22T^6 + 39T^5 - 40T^4 + 21T^3 - 2T^2 - 3T + 1)/(-T + 1)^9$	3
3	8	$(3T^8 - 14T^7 + 22T^6 - 6T^5 - 20T^4 + 22T^3 - 6T^2 - 2T + 1)/(-T + 1)^9$	20
3	2	$(2T^{11} - 21T^{10} + 98T^9 - 267T^8 + 468T^7 - 546T^6 + 420T^5 - 198T^4 + 42T^3 + 7T^2 - 6T + 1)/(-T + 1)^{12}$	4
3	4	$(-T^{16} + 16T^{15} - 122T^{14} + 584T^{13} - 1950T^{12} + 4784T^{11} - 8866T^{10} + 12584T^9 - 13728T^8 + 11440T^7 - 7150T^6 + 3224T^5 - 962T^4 + 144T^3 + 10T^2 - 8T + 1)/(-T + 1)^{16}$	2
3	10	$(-2T^{15} + 19T^{14} - 66T^{13} + 39T^{12} + 494T^{11} - 2145T^{10} + 4862T^9 - 7293T^8 + 7722T^7 - 5863T^6 + 3146T^5 - 1131T^4 + 234T^3 - 11T^2 - 6T + 1)/(-T + 1)^{16}$	3
1	3	$(-2T^{10} + 17T^9 - 63T^8 + 132T^7 - 168T^6 + 126T^5 - 42T^4 - 12T^3 + 18T^2 - 7T + 1)/(-T + 1)^{10}$	9
2	7	$(6T^{15} - 83T^{14} + 532T^{13} - 2093T^{12} + 5642T^{11} - 11011T^{10} + 16016T^9 - 17589T^8 + 14586T^7 - 9009T^6 + 4004T^5 - 1183T^4 + 182T^3 + 7T^2 - 8T + 1)/(-T + 1)^{16}$	4
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Dimension	Degree	Hilbert Series	Count
3	1	$(T^{11} - 10T^{10} + 44T^9 - 111T^8 + 174T^7 - 168T^6 + 84T^5 + 6T^4 - 39T^3 + 26T^2 - 8T + 1)/(-T + 1)^{12}$	2
3	1	$(-T^{12} + 11T^{11} - 55T^{10} + 164T^9 - 321T^8 + 426T^7 - 378T^6 + 204T^5 - 39T^4 - 29T^3 + 25T^2 - 8T + 1)/(-T + 1)^{12}$	2
3	1	$(-T^9 + 9T^8 - 36T^7 + 84T^6 - 126T^5 + 126T^4 - 84T^3 + 36T^2 - 9T + 1)/(-T + 1)^{12}$	4
3	1	$(2T^{11} - 20T^{10} + 89T^9 - 231T^8 + 384T^7 - 420T^6 + 294T^5 - 114T^4 + 6T^3 + 16T^2 - 7T + 1)/(-T + 1)^{12}$	2
3	1	$(-T^{12} + 12T^{11} - 65T^{10} + 209T^9 - 441T^8 + 636T^7 - 630T^6 + 414T^5 - 159T^4 + 16T^3 + 15T^2 - 7T + 1)/(-T + 1)^{12}$	2
4	1	$(2T^5 - 8T^4 + 11T^3 - 5T^2 - T + 1)/(-T + 1)^7$	10
2	2	$(-4T^{16} + 61T^{15} - 433T^{14} + 1897T^{13} - 5733T^{12} + 12649T^{11} - 21021T^{10} + 26741T^9 - 26169T^8 + 19591T^7 - 11011T^6 + 4459T^5 - 1183T^4 + 147T^3 + 17T^2 - 9T + 1)/(-T + 1)^{16}$	2
3	2	$(-T^{16} + 18T^{15} - 148T^{14} + 740T^{13} - 2522T^{12} + 6214T^{11} - 11440T^{10} + 16016T^9 - 17160T^8 + 14014T^7 - 8580T^6 + 3796T^5 - 1118T^4 + 170T^3 + 8T^2 - 8T + 1)/(-T + 1)^{16}$	1
3	3	$(-T^5 + 2T^4 - T^3 + T^2 - 2T + 1)/(-T + 1)^6$	22
2	6	$(3T^6 - 10T^5 + 11T^4 - 4T^3 + T^2 - 2T + 1)/(-T + 1)^6$	12
2	3	$(T^6 - 3T^5 + 3T^4 - 2T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	44
4	4	$(-T^5 + T^4 + 2T^3 - 2T^2 - T + 1)/(-T + 1)^7$	1
2	4	$(-3T^6 + 14T^5 - 25T^4 + 20T^3 - 5T^2 - 2T + 1)/(-T + 1)^7$	2
3	6	$(-T^9 + 3T^8 + 6T^7 - 42T^6 + 84T^5 - 84T^4 + 42T^3 - 6T^2 - 3T + 1)/(-T + 1)^{10}$	1
4	3	$(-T^{11} + 6T^{10} - 7T^9 - 39T^8 + 174T^7 - 336T^6 + 378T^5 - 258T^4 + 99T^3 - 14T^2 - 3T + 1)/(-T + 1)^{12}$	4
3	1	$(T^7 - 6T^6 + 15T^5 - 19T^4 + 11T^3 - 3T + 1)/(-T + 1)^7$	16
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Dimension	Degree	Hilbert Series	Count
3	2	$(-2T^{16} + 30T^{15} - 211T^{14} + 922T^{13} - 2795T^{12} + 6214T^{11} - 10439T^{10} + 13442T^9 - 13299T^8 + 10010T^7 - 5577T^6 + 2158T^5 - 481T^4 + 2T^3 + 35T^2 - 10T + 1)/(-T + 1)^{16}$	4
2	3	$(-3T^{16} + 47T^{15} - 342T^{14} + 1533T^{13} - 4732T^{12} + 10647T^{11} - 18018T^{10} + 23309T^9 - 23166T^8 + 17589T^7 - 10010T^6 + 4095T^5 - 1092T^4 + 133T^3 + 18T^2 - 9T + 1)/(-T + 1)^{16}$	3
3	2	$(-T^{10} + 9T^9 - 37T^8 + 90T^7 - 140T^6 + 140T^5 - 84T^4 + 22T^3 + 5T^2 - 5T + 1)/(-T + 1)^{10}$	1
3	2	$(-2T^{16} + 31T^{15} - 225T^{14} + 1013T^{13} - 3159T^{12} + 7215T^{11} - 12441T^{10} + 16445T^9 - 16731T^8 + 13013T^7 - 7579T^6 + 3159T^5 - 845T^4 + 93T^3 + 21T^2 - 9T + 1)/(-T + 1)^{16}$	2
3	2	$(3T^{11} - 31T^{10} + 143T^9 - 387T^8 + 678T^7 - 798T^6 + 630T^5 - 318T^4 + 87T^3 - 3T^2 - 5T + 1)/(-T + 1)^{12}$	1
4	6	$(5T^9 - 39T^8 + 132T^7 - 252T^6 + 294T^5 - 210T^4 + 84T^3 - 12T^2 - 3T + 1)/(-T + 1)^{12}$	1
4	2	$(-2T^8 + 15T^7 - 47T^6 + 79T^5 - 75T^4 + 37T^3 - 5T^2 - 3T + 1)/(-T + 1)^{10}$	5
3	6	$(-3T^5 + 7T^4 - 4T^3 - T + 1)/(-T + 1)^6$	3
4	2	$(-T^5 + 3T^4 - 2T^3 - T + 1)/(-T + 1)^6$	2
1	4	$(-3T^{12} + 32T^{11} - 154T^{10} + 440T^9 - 825T^8 + 1056T^7 - 924T^6 + 528T^5 - 165T^4 + 22T^2 - 8T + 1)/(-T + 1)^{12}$	2
2	3	$(-T^9 + 6T^8 - 15T^7 + 21T^6 - 21T^5 + 21T^4 - 21T^3 + 15T^2 - 6T + 1)/(-T + 1)^9$	1
3	6	$(T^8 - 2T^7 - 8T^6 + 34T^5 - 50T^4 + 34T^3 - 8T^2 - 2T + 1)/(-T + 1)^9$	3
2	1	$(-T^8 + 7T^7 - 20T^6 + 29T^5 - 20T^4 + T^3 + 8T^2 - 5T + 1)/(-T + 1)^8$	97
4	4	$(T^8 - 6T^7 + 12T^6 - 6T^5 - 10T^4 + 14T^3 - 4T^2 - 2T + 1)/(-T + 1)^9$	2
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Dimension	Degree	Hilbert Series	Count
3	4	$(T^{15} - 17T^{14} + 129T^{13} - 585T^{12} + 1781T^{11} - 3861T^{10} + 6149T^9 - 7293T^8 + 6435T^7 - 4147T^6 + 1859T^5 - 507T^4 + 39T^3 + 25T^2 - 9T + 1)/(-T + 1)^{16}$	2
2	8	$(T^{16} - 8T^{15} + 8T^{14} + 168T^{13} - 1092T^{12} + 3640T^{11} - 8008T^{10} + 12584T^9 - 14586T^8 + 12584T^7 - 8008T^6 + 3640T^5 - 1092T^4 + 168T^3 + 8T^2 - 8T + 1)/(-T + 1)^{16}$	1
2	1	$(-3T^{16} + 45T^{15} - 314T^{14} + 1351T^{13} - 4004T^{12} + 8645T^{11} - 14014T^{10} + 17303T^9 - 16302T^8 + 11583T^7 - 6006T^6 + 2093T^5 - 364T^4 - 49T^3 + 46T^2 - 11T + 1)/(-T + 1)^{16}$	1
4	2	$(T^6 - 4T^5 + 5T^4 - 2T^3 + T^2 - 2T + 1)/(-T + 1)^7$	2
2	2	$(-T^8 + 8T^7 - 26T^6 + 44T^5 - 40T^4 + 16T^3 + 2T^2 - 4T + 1)/(-T + 1)^8$	8
4	1	$(-2T^6 + 10T^5 - 19T^4 + 16T^3 - 4T^2 - 2T + 1)/(-T + 1)^8$	5
4	6	$(T^{10} - 4T^9 - 3T^8 + 48T^7 - 126T^6 + 168T^5 - 126T^4 + 48T^3 - 3T^2 - 4T + 1)/(-T + 1)^{12}$	1
3	6	$(T^{15} - 19T^{14} + 155T^{13} - 741T^{12} + 2353T^{11} - 5291T^{10} + 8723T^9 - 10725T^8 + 9867T^7 - 6721T^6 + 3289T^5 - 1079T^4 + 195T^3 - T^2 - 7T + 1)/(-T + 1)^{16}$	1

6 N=7

6.1 E=7

Table 25: Quivers with 7 Vertices and 7 Edges

Dimension	Degree	Hilbert Series	Count
0	1	1	1

6.2 E=8

Table 26: Quivers with 7 Vertices and 8 Edges

Dimension	Degree	Hilbert Series	Count
1	1	$1/(-T + 1)$	5
0	1	$(T^2 - 2T + 1)/(-T + 1)^2$	8

6.3 E=9

Table 27: Quivers with 7 Vertices and 9 Edges

Dimension	Degree	Hilbert Series	Count
2	1	$(-T + 1)(-2)$	34
1	1	$(T^2 - 2T + 1)/(-T + 1)^3$	83
0	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^3$	82
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	93
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	170
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	282
2	2	$(T^3 - T^2 - T + 1)/(-T + 1)^4$	14
1	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^4$	4

6.4 E=10

Table 28: Quivers with 7 Vertices and 10 Edges

Dimension	Degree	Hilbert Series	Count
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	411
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	624
2	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^8$	1508
3	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^8$	446
2	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^8$	1856
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	6621
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	10945
2	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^8$	358
3	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^8$	192
1	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^8$	1308
3	4	$(-3T^6 + 14T^5 - 25T^4 + 20T^3 - 5T^2 - 2T + 1)/(-T + 1)^8$	50
3	1	$(T^2 - 2T + 1)/(-T + 1)^5$	735
3	2	$(T^3 - T^2 - T + 1)/(-T + 1)^5$	147
2	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^5$	1599
1	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^5$	3212
0	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^5$	1978
3	1	$(-T + 1)(-3)$	105
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	388
3	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	360
3	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^6$	168
2	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^6$	3222
1	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^6$	4540
2	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^6$	591
3	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^6$	150
0	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^6$	7832
2	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^5$	5
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Dimension	Degree	Hilbert Series	Count
2	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^5$	120
1	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^5$	24
1	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^5$	156
3	1	$(-T^4 + 3T^3 - 2T^2 - T + 1)/(-T + 1)^5$	23
2	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^5$	22
3	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^6$	18
2	1	$(-T^6 + 5T^5 - 9T^4 + 6T^3 + T^2 - 3T + 1)/(-T + 1)^6$	64
1	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^6$	276
0	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^5$	112
3	3	$(T^4 - T^3 - T + 1)/(-T + 1)^5$	2
2	1	$(-T^8 + 7T^7 - 20T^6 + 29T^5 - 20T^4 + T^3 + 8T^2 - 5T + 1)/(-T + 1)^8$	395
2	2	$(-T^8 + 8T^7 - 26T^6 + 44T^5 - 40T^4 + 16T^3 + 2T^2 - 4T + 1)/(-T + 1)^8$	22
2	4	$(3T^7 - 17T^6 + 39T^5 - 45T^4 + 25T^3 - 3T^2 - 3T + 1)/(-T + 1)^8$	3
1	3	$(-2T^8 + 13T^7 - 35T^6 + 49T^5 - 35T^4 + 7T^3 + 7T^2 - 5T + 1)/(-T + 1)^8$	24

7 N=8

7.1 E=8

Table 29: Quivers with 8 Vertices and 8 Edges

Dimension	Degree	Hilbert Series	Count
0	1	1	1

7.2 E=9

Table 30: Quivers with 8 Vertices and 9 Edges

Dimension	Degree	Hilbert Series	Count
1	1	$1/(-T + 1)$	5
0	1	$(T^2 - 2T + 1)/(-T + 1)^2$	8

7.3 E=10

Table 31: Quivers with 8 Vertices and 10 Edges

Dimension	Degree	Hilbert Series	Count
2	1	$(-T + 1)(-2)$	61
1	1	$(T^2 - 2T + 1)/(-T + 1)^3$	137
2	2	$(T^3 - T^2 - T + 1)/(-T + 1)^4$	27
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	140
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	281
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	379
0	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^3$	134
1	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^4$	12

7.4 E=11

Table 32: Quivers with 8 Vertices and 11 Edges

Dimension	Degree	Hilbert Series	Count
3	1	$(T^2 - 2T + 1)/(-T + 1)^5$	1462
3	2	$(T^3 - T^2 - T + 1)/(-T + 1)^5$	330
2	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^5$	3518
1	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^5$	6443
0	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^5$	4128
3	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^6$	244
2	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^6$	5573
0	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^6$	13334
2	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^6$	940
1	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^6$	8150
3	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^8$	689
2	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^8$	3282
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	9627
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	14984
3	4	$(-3T^6 + 14T^5 - 25T^4 + 20T^3 - 5T^2 - 2T + 1)/(-T + 1)^8$	70
1	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^8$	2561
2	2	$(-T^8 + 8T^7 - 26T^6 + 44T^5 - 40T^4 + 16T^3 + 2T^2 - 4T + 1)/(-T + 1)^8$	88
2	1	$(-T^8 + 7T^7 - 20T^6 + 29T^5 - 20T^4 + T^3 + 8T^2 - 5T + 1)/(-T + 1)^8$	820
2	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^8$	2099
3	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^8$	289
2	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^8$	626
2	4	$(3T^7 - 17T^6 + 39T^5 - 45T^4 + 25T^3 - 3T^2 - 3T + 1)/(-T + 1)^8$	20
3	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^6$	332
3	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^6$	42
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Dimension	Degree	Hilbert Series	Count
3	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	705
2	1	$(-T^6 + 5T^5 - 9T^4 + 6T^3 + T^2 - 3T + 1)/(-T + 1)^6$	176
1	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^6$	624
2	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^5$	292
3	1	$(-T^4 + 3T^3 - 2T^2 - T + 1)/(-T + 1)^5$	35
3	3	$(T^4 - T^3 - T + 1)/(-T + 1)^5$	7
2	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^5$	44
1	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^5$	296
0	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^5$	272
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	882
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	1212
1	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^5$	34
3	1	$(-T + 1)(-3)$	267
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	1030
2	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^5$	7
1	3	$(-2T^8 + 13T^7 - 35T^6 + 49T^5 - 35T^4 + 7T^3 + 7T^2 - 5T + 1)/(-T + 1)^8$	73

8 N=9

8.1 E=9

Table 33: Quivers with 9 Vertices and 9 Edges

Dimension	Degree	Hilbert Series	Count
0	1	1	1

8.2 E=10

Table 34: Quivers with 9 Vertices and 10 Edges

Dimension	Degree	Hilbert Series	Count
1	1	$1/(-T + 1)$	7
0	1	$(T^2 - 2T + 1)/(-T + 1)^2$	10

8.3 E=11

Table 35: Quivers with 9 Vertices and 11 Edges

Dimension	Degree	Hilbert Series	Count
2	1	$(-T + 1)(-2)$	92
1	1	$(T^2 - 2T + 1)/(-T + 1)^3$	206
0	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^3$	201
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	179
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	349
2	2	$(T^3 - T^2 - T + 1)/(-T + 1)^4$	37
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	435
1	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^4$	16

8.4 E=12

Table 36: Quivers with 9 Vertices and 12 Edges

Dimension	Degree	Hilbert Series	Count
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	1825
3	1	$(-T + 1)(-3)$	599
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	2332
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	2432
3	1	$(T^2 - 2T + 1)/(-T + 1)^5$	2777
3	2	$(T^3 - T^2 - T + 1)/(-T + 1)^5$	689
2	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^5$	7056
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	14259
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	19812
2	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^8$	3190
1	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^8$	4265
2	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^8$	1116
3	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^8$	1008
3	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^8$	517
2	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^8$	5274
1	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^5$	12171
0	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^5$	7626
3	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^6$	83
3	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^6$	592
3	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	1249
3	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^6$	376
2	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^6$	9065
1	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^6$	13612
0	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^6$	21214
2	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^6$	1426
1	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^6$	1206
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Dimension	Degree	Hilbert Series	Count
2	1	$(-T^8 + 7T^7 - 20T^6 + 29T^5 - 20T^4 + T^3 + 8T^2 - 5T + 1)/(-T + 1)^8$	1549
2	4	$(3T^7 - 17T^6 + 39T^5 - 45T^4 + 25T^3 - 3T^2 - 3T + 1)/(-T + 1)^8$	53
2	2	$(-T^8 + 8T^7 - 26T^6 + 44T^5 - 40T^4 + 16T^3 + 2T^2 - 4T + 1)/(-T + 1)^8$	249
3	4	$(-3T^6 + 14T^5 - 25T^4 + 20T^3 - 5T^2 - 2T + 1)/(-T + 1)^8$	110
2	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^5$	90
2	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^5$	698
1	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^5$	604
0	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^5$	672
1	3	$(-2T^8 + 13T^7 - 35T^6 + 49T^5 - 35T^4 + 7T^3 + 7T^2 - 5T + 1)/(-T + 1)^8$	304
3	1	$(-T^4 + 3T^3 - 2T^2 - T + 1)/(-T + 1)^5$	59
1	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^5$	52
2	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^5$	10
3	3	$(T^4 - T^3 - T + 1)/(-T + 1)^5$	21
2	1	$(-T^6 + 5T^5 - 9T^4 + 6T^3 + T^2 - 3T + 1)/(-T + 1)^6$	384
3	6	$(-T^7 + T^6 + 9T^5 - 25T^4 + 25T^3 - 9T^2 - T + 1)/(-T + 1)^8$	5
3	2	$(2T^7 - 13T^6 + 34T^5 - 45T^4 + 30T^3 - 7T^2 - 2T + 1)/(-T + 1)^8$	3
2	3	$(-T^5 + 2T^4 - T^3 + T^2 - 2T + 1)/(-T + 1)^5$	2
2	3	$(-T^8 + 9T^7 - 32T^6 + 59T^5 - 60T^4 + 31T^3 - 4T^2 - 3T + 1)/(-T + 1)^8$	5
1	4	$(-3T^8 + 20T^7 - 56T^6 + 84T^5 - 70T^4 + 28T^3 - 4T + 1)/(-T + 1)^8$	8
2	6	$(T^8 - 2T^7 - 8T^6 + 34T^5 - 50T^4 + 34T^3 - 8T^2 - 2T + 1)/(-T + 1)^8$	1

9 N=10

9.1 E=10

Table 37: Quivers with 10 Vertices and 10 Edges

Dimension	Degree	Hilbert Series	Count
0	1	1	1

9.2 E=11

Table 38: Quivers with 10 Vertices and 11 Edges

Dimension	Degree	Hilbert Series	Count
1	1	$1/(-T + 1)$	7
0	1	$(T^2 - 2T + 1)/(-T + 1)^2$	10

9.3 E=12

Table 39: Quivers with 10 Vertices and 12 Edges

Dimension	Degree	Hilbert Series	Count
2	1	$(-T + 1)(-2)$	142
1	1	$(T^2 - 2T + 1)/(-T + 1)^3$	308
0	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^3$	294
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	249
2	2	$(T^3 - T^2 - T + 1)/(-T + 1)^4$	60
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	506
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	542
1	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^4$	32

9.4 E=13

Table 40: Quivers with 10 Vertices and 13 Edges

Dimension	Degree	Hilbert Series	Count
3	1	$(-T + 1)(-3)$	1145
2	1	$(T^2 - 2T + 1)/(-T + 1)^4$	3314
1	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^4$	4514
0	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^4$	4204
3	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^6$	347
2	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^6$	8283
0	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^6$	17839
2	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^6$	1351
1	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^6$	12785
3	2	$(T^3 - T^2 - T + 1)/(-T + 1)^5$	1259
3	1	$(T^2 - 2T + 1)/(-T + 1)^5$	4699
2	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^5$	12640
1	1	$(T^4 - 4T^3 + 6T^2 - 4T + 1)/(-T + 1)^5$	20775
2	2	$(-T^4 + 2T^3 - 2T + 1)/(-T + 1)^5$	1382
0	1	$(-T^5 + 5T^4 - 10T^3 + 10T^2 - 5T + 1)/(-T + 1)^5$	12818
2	1	$(T^6 - 6T^5 + 15T^4 - 20T^3 + 15T^2 - 6T + 1)/(-T + 1)^8$	3180
0	1	$(T^8 - 8T^7 + 28T^6 - 56T^5 + 70T^4 - 56T^3 + 28T^2 - 8T + 1)/(-T + 1)^8$	10171
1	2	$(-T^8 + 6T^7 - 14T^6 + 14T^5 - 14T^3 + 14T^2 - 6T + 1)/(-T + 1)^8$	2726
3	2	$(T^7 - 7T^6 + 19T^5 - 25T^4 + 15T^3 - T^2 - 3T + 1)/(-T + 1)^8$	279
1	1	$(-T^7 + 7T^6 - 21T^5 + 35T^4 - 35T^3 + 21T^2 - 7T + 1)/(-T + 1)^8$	7747
2	2	$(T^7 - 5T^6 + 9T^5 - 5T^4 - 5T^3 + 9T^2 - 5T + 1)/(-T + 1)^8$	1824
3	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^8$	621
2	3	$(2T^7 - 11T^6 + 24T^5 - 25T^4 + 10T^3 + 3T^2 - 4T + 1)/(-T + 1)^8$	643
2	1	$(-T^8 + 7T^7 - 20T^6 + 29T^5 - 20T^4 + T^3 + 8T^2 - 5T + 1)/(-T + 1)^8$	1084
3	4	$(-3T^6 + 14T^5 - 25T^4 + 20T^3 - 5T^2 - 2T + 1)/(-T + 1)^8$	72
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Dimension	Degree	Hilbert Series	Count
3	1	$(-T^4 + 3T^3 - 2T^2 - T + 1)/(-T + 1)^5$	84
2	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^5$	146
2	4	$(3T^7 - 17T^6 + 39T^5 - 45T^4 + 25T^3 - 3T^2 - 3T + 1)/(-T + 1)^8$	39
2	2	$(-T^8 + 8T^7 - 26T^6 + 44T^5 - 40T^4 + 16T^3 + 2T^2 - 4T + 1)/(-T + 1)^8$	194
1	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^6$	1095
3	1	$(T^5 - 4T^4 + 5T^3 - T^2 - 2T + 1)/(-T + 1)^6$	587
3	1	$(-T^3 + 3T^2 - 3T + 1)/(-T + 1)^6$	1235
3	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^6$	91
2	1	$(-T^6 + 5T^5 - 9T^4 + 6T^3 + T^2 - 3T + 1)/(-T + 1)^6$	387
3	3	$(T^4 - T^3 - T + 1)/(-T + 1)^5$	42
1	2	$(T^5 - 3T^4 + 2T^3 + 2T^2 - 3T + 1)/(-T + 1)^5$	1036
0	2	$(-T^6 + 4T^5 - 5T^4 + 5T^2 - 4T + 1)/(-T + 1)^5$	1216
1	3	$(2T^5 - 7T^4 + 8T^3 - 2T^2 - 2T + 1)/(-T + 1)^5$	66
1	3	$(-2T^8 + 13T^7 - 35T^6 + 49T^5 - 35T^4 + 7T^3 + 7T^2 - 5T + 1)/(-T + 1)^8$	200
3	6	$(-T^7 + T^6 + 9T^5 - 25T^4 + 25T^3 - 9T^2 - T + 1)/(-T + 1)^8$	7
2	3	$(-2T^4 + 5T^3 - 3T^2 - T + 1)/(-T + 1)^5$	12
3	2	$(2T^7 - 13T^6 + 34T^5 - 45T^4 + 30T^3 - 7T^2 - 2T + 1)/(-T + 1)^8$	3
1	4	$(-3T^8 + 20T^7 - 56T^6 + 84T^5 - 70T^4 + 28T^3 - 4T + 1)/(-T + 1)^8$	7
2	6	$(T^8 - 2T^7 - 8T^6 + 34T^5 - 50T^4 + 34T^3 - 8T^2 - 2T + 1)/(-T + 1)^8$	1
2	3	$(-T^8 + 9T^7 - 32T^6 + 59T^5 - 60T^4 + 31T^3 - 4T^2 - 3T + 1)/(-T + 1)^8$	2
2	3	$(-T^5 + 2T^4 - T^3 + T^2 - 2T + 1)/(-T + 1)^5$	2