

LOMI tables at depth 1,2,3,4 up to weight s=29

lomi at depth r=1 up to weight s=29

[LOMI_3_1 = v1^2, LOMI_5_1 = v1^4, LOMI_7_1 = v1^6, LOMI_9_1 = v1^8, LOMI_11_1 = v1^10, LOMI_13_1 = v1^12,
LOMI_15_1 = v1^14, LOMI_17_1 = v1^16, LOMI_19_1 = v1^18, LOMI_21_1 = v1^20, LOMI_23_1 = v1^22,
LOMI_25_1 = v1^24, LOMI_27_1 = v1^26, LOMI_29_1 = v1^28]

lomi at depth r=2 up to weight s=29

[LOMI_3_2 = -2*v2 + v1,
LOMI_5_2 = (-2*v2 + v1)*(4*v1^2 - 3*v1*v2 + 3*v2^2)/2,
LOMI_7_2 = (-2*v2 + v1)*(v1^2 - v1*v2 + v2^2)*(3*v1^2 - 2*v1*v2 + 2*v2^2), LAMI_9_2 =
(-2*v2 + v1)*(8*v1^6 - 21*v1^5*v2 + 41*v1^4*v2^2 - 45*v1^3*v2^3 + 35*v1^2*v2^4 - 15*v1*v2^5 + 5*v2^6)/2,
LOMI_11_2 = (-2*v2 + v1)*(10*v1^8 - 36*v1^7*v2 + 92*v1^6*v2^2 - 147*v1^5*v2^3 + 167*v1^4*v2^4 - 129*v1^3*v2^5
+ 71*v1^2*v2^6 - 24*v1*v2^7 + 6*v2^8)/2,
LOMI_13_2 = (-2*v2 + v1)*(v1^2 - v1*v2 + v2^2)*(12*v1^8 - 43*v1^7*v2
+ 120*v1^6*v2^2 - 203*v1^5*v2^3 + 231*v1^4*v2^4 - 175*v1^3*v2^5 + 91*v1^2*v2^6 - 28*v1*v2^7 + 7*v2^8)/2,
LOMI_15_2 = (-2*v2 + v1)*(7*v1^12 - 39*v1^11*v2 + 149*v1^10*v2^2 - 385*v1^9*v2^3 + 731*v1^8*v2^4
- 1041*v1^7*v2^5 + 1135*v1^6*v2^6 - 948*v1^5*v2^7 + 606*v1^4*v2^8 - 290*v1^3*v2^9 + 102*v1^2*v2^10
- 24*v1*v2^11 + 4*v2^12),
LOMI_17_2 = (-2*v2 + v1)*(16*v1^14 - 105*v1^13*v2 + 469*v1^12*v2^2 - 1443*v1^11*v2^3
+ 3301*v1^10*v2^4 - 5775*v1^9*v2^5 + 7897*v1^8*v2^6 - 8517*v1^7*v2^7 + 7275*v1^6*v2^8 - 4899*v1^5*v2^9
+ 2577*v1^4*v2^10 - 1035*v1^3*v2^11 + 309*v1^2*v2^12 - 63*v1*v2^13 + 9*v2^14)/2,
LOMI_19_2 = (-2*v2 + v1)*
(v1^2 - v1*v2 + v2^2)*(18*v1^14 - 118*v1^13*v2 + 560*v1^12*v2^2 - 1807*v1^11*v2^3 + 4290*v1^10*v2^4
- 7722*v1^9*v2^5 + 10737*v1^8*v2^6 - 11626*v1^7*v2^7 + 9844*v1^6*v2^8 - 6495*v1^5*v2^9 + 3312*v1^4*v2^10
- 1280*v1^3*v2^11 + 365*v1^2*v2^12 - 70*v1*v2^13 + 10*v2^14)/2,
LOMI_21_2 = (-2*v2 + v1)*(20*v1^18
- 171*v1^17*v2 + 987*v1^16*v2^2 - 4012*v1^15*v2^3 + 12324*v1^14*v2^4 - 29617*v1^13*v2^5 + 57045*v1^12*v2^6
- 89401*v1^11*v2^7 + 115127*v1^10*v2^8 - 122463*v1^9*v2^9 + 107789*v1^8*v2^10 - 78353*v1^7*v2^11
+ 46783*v1^6*v2^12 - 22715*v1^5*v2^13 + 8833*v1^4*v2^14 - 2684*v1^3*v2^15 + 616*v1^2*v2^16 - 99*v1*v2^17
+ 11*v2^18)/2,
LOMI_23_2 = (-2*v2 + v1)*(22*v1^20 - 210*v1^19*v2 + 1350*v1^18*v2^2 - 6156*v1^17*v2^3
+ 21336*v1^16*v2^4 - 58276*v1^15*v2^5 + 128604*v1^14*v2^6 - 233107*v1^13*v2^7 + 350975*v1^12*v2^8
- 442117*v1^11*v2^9 + 467843*v1^10*v2^10 - 416393*v1^9*v2^11 + 311279*v1^8*v2^12 - 194633*v1^7*v2^13
+ 101047*v1^6*v2^14 - 43064*v1^5*v2^15 + 14818*v1^4*v2^16 - 4014*v1^3*v2^17 + 826*v1^2*v2^18 - 120*v1*v2^19
+ 12*v2^20)/2,
LOMI_25_2 = (-2*v2 + v1)*(v1^2 - v1*v2 + v2^2)*(24*v1^20 - 229*v1^19*v2 + 1540*v1^18*v2^2
- 7296*v1^17*v2^3 + 26163*v1^16*v2^4 - 73644*v1^15*v2^5 + 166686*v1^14*v2^6 - 308260*v1^13*v2^7
+ 470848*v1^12*v2^8 - 598065*v1^11*v2^9 + 634140*v1^10*v2^10 - 561990*v1^9*v2^11 + 415779*v1^8*v2^12
- 255814*v1^7*v2^13 + 130000*v1^6*v2^14 - 53976*v1^5*v2^15 + 18018*v1^4*v2^16 - 4719*v1^3*v2^17
+ 936*v1^2*v2^18 - 130*v1*v2^19 + 13*v2^20)/2,
LOMI_27_2 = (-2*v2 + v1)*(26*v1^24 - 300*v1^23*v2 + 2324*v1^22*v2^2 - 12903*v1^21*v2^3
+ 54923*v1^20*v2^4 - 186165*v1^19*v2^5 + 515699*v1^18*v2^6 - 1188678*v1^17*v2^7
+ 2309468*v1^16*v2^8 - 3817350*v1^15*v2^9 + 5403194*v1^14*v2^10 - 6577473*v1^13*v2^11
+ 6903353*v1^12*v2^12 - 6251595*v1^11*v2^13 + 4880669*v1^10*v2^14 - 3276558*v1^9*v2^15 + 1883168*v1^8*v2^16
- 920490*v1^7*v2^17 + 379094*v1^6*v2^18 - 129843*v1^5*v2^19 + 36323*v1^4*v2^20 - 8085*v1^3*v2^21
+ 1379*v1^2*v2^22 - 168*v1*v2^23 + 14*v2^24)/2,
LOMI_29_2 = (-2*v2 + v1)*(28*v1^26 - 351*v1^25*v2
+ 2951*v1^24*v2^2 - 17850*v1^23*v2^3 + 83054*v1^22*v2^4 - 308913*v1^21*v2^5 + 942953*v1^20*v2^6
- 2406240*v1^19*v2^7 + 5262524*v1^18*v2^8 - 9624963*v1^17*v2^9 + 15347363*v1^16*v2^10 - 21201210*v1^15*v2^11
+ 25461494*v1^14*v2^12 - 26635773*v1^13*v2^13 + 24287213*v1^12*v2^14 - 19289490*v1^11*v2^15
+ 13316954*v1^10*v2^16 - 7963383*v1^9*v2^17 + 4103243*v1^8*v2^18 - 1808520*v1^7*v2^19 + 675104*v1^6*v2^20
- 210573*v1^5*v2^21 + 53873*v1^4*v2^22 - 11010*v1^3*v2^23 + 1730*v1^2*v2^24 - 195*v1*v2^25 + 15*v2^26)/2]

lomi at depth r=3 up to weight s=29

[LOMI_3_3 = 1/3,
LOMI_5_3 = 2*v1^2 - 11/2*v1*v2 + 9/2*v3*v1 - 1/2*v2^2 + 2*v2*v3 - 1/2*v3^2,
LOMI_7_3 = 5*v1^4 - 221/16*v1^3*v2 + 5/8*v1^3*v3 + 61/8*v1^2*v2^2 + 157/16*v1^2*v3*v2
- 1/4*v1^2*v3^2 - 109/16*v2^3*v1 + 75/8*v2^2*v3*v1 - 291/16*v3^2*v2*v1 + 61/8*v3^3*v1 - 2*v2^4 + 115/16*v2^2*v3*v3
- 51/8*v2^2*v3^2 + 115/16*v3^3*v2 - 2*v3^4,
LOMI_9_3 = -2189/72*v1^5*v2
- 461/72*v2^2*v3*v1 - 59*v1^3*v3^2*v2 + 46*v3^3*v2^2*v1 - 53/36*v2^2*v3^3*v3
+ 551/36*v3^5*v1 - 313/36*v1^5*v3 + 1159/72*v3^5*v2 + 1159/72*v2^2*v3^5
- 559/24*v2^2*v3^4 - 25/6*v2^6 + 28/3*v1^6 + 845/24*v1^4*v2^2 - 328/9*v1^3*v2^3 + 341/24*v1^2*v2^4
+ 121/12*v1^4*v3^2 + 115/18*v1^3*v3^3 - 131/12*v1^2*v3^4 + 593/36*v1^2*v2^2*v3^3 + 1/3*v1^2*v2^2*v3^3^2
+ 439/136*v1^2*v4*v3 + 1567/36*v1^2*v3^3^2 - 3319/72*v1*v2^2*v3^4 - 25/6*v3^6 + 2513/72*v1^4*v3^3*v2,
LOMI_11_3 = -7*v3^8 - 13813/240*v1^7*v2 - 613/240*v2^2*v1 - 7*v2^8 + 15*v1^8
+ 298/3*v1^6*v2^2 - 4159/30*v1^5*v2^3 + 2813/24*v1^4*v2^4 - 2179/30*v1^3*v2^5 + 101/6*v1^2*v2^6
- 3227/120*v1^7*v3 - 133/3*v1^6*v3^2 + 7307/240*v2^2*v7*v3 - 361/6*v2^6*v3^2 - 229/6*v1^2*v3^6 + 3373/120*v1*v3^7
+ 1468/15*v2^2*v3^3 + 2599/24*v2^4*v3^4 + 1468/15*v2^3*v3^5 - 361/6*v2^2*v3^6 + 7307/240*v2*v3^7
- 95/12*v1^4*v3^4 + 1253/30*v1^3*v3^5 - 727/30*v1^5*v3^3 + 7503/80*v1^6*v3^2 - 882/5*v1^5*v3^2*v2
- 5037/80*v1^5*v3^2*v2^2 + 1371/10*v3^3*v2^2*v1^2 - 7897/80*v3^6*v2^2*v1 + 11243/80*v3^5*v2^2*v1
+ 2949/80*v2^5*v3*v1^2 - 5851/80*v2^5*v3^2*v1 + 3613/48*v1^4*v2^2*v3^3 + 917/12*v1^4*v2^2*v3^3^2
- 167/16*v1^3*v2^2*v4*v3 - 289/2*v1^3*v2^2*v3^3^2 - 10/3*v1^2*v2^4*v3^2 + 237/40*v1*v2^6*v3 + 103*v1^2*v2^3*v3^3
- 865/12*v1^2*v2^2*v3^4 - 8795/48*v1*v2^2*v3^4 + 2033/16*v1*v2^4*v3^3 + 584/3*v1^4*v2^2*v3^3
+ 85/2*v1^3*v2^2*v3^3 - 604/3*v1^3*v2^2*v3^4,
LOMI_13_3 = -6154/63*v1^9*v2 + 398/63*v2^9*v1 - 21/2*v3^10 - 21/2*v2^10 + 22*v1^10 - 32203/72*v1^5*v2^5 + 3997/18*v1^8*v2^2
- 400363/1008*v1^7*v2^3 + 17575/36*v1^6*v2^4 + 9853/36*v1^4*v2^6 - 112075/1008*v1^3*v2^7 + 68/9*v1^2*v2^8
+ 6529/126*v2^9*v3 - 2321/18*v2^8*v3^2 - 829/9*v1^2*v3^8 + 5905/126*v1*v3^9 + 254837/1008*v2^7*v3^3
- 13079/36*v2^6*v3^4 + 30041/72*v2^5*v3^5 - 13079/36*v2^4*v3^6 + 254837/1008*v2^3*v3^7 - 2321/18*v2^2*v3^8
+ 6529/126*v2*v3^9 - 7199/126*v1^9*v3 + 2203/18*v1^8*v3^2 + 1631/18*v1^6*v3^4 + 1117/36*v1^5*v3^5
- 1115/9*v1^4*v3^6 + 73267/504*v1^3*v3^7 - 70877/504*v1^7*v3^3 + 335047/1008*v3^7*v2^2*v1^2 - 11783/63*v3^8*v2^2*v1
+ 355561/1008*v3^7*v2^2*v1 + 26393/126*v1^8*v3^2*v2 - 457745/1008*v1^7*v3^2*v2 - 253775/1008*v1^7*v3^2*v2^2
+ 12899/126*v2^7*v3*v1^2 - 10033/126*v2^7*v3^2*v1 + 46757/144*v1^6*v2^3*v3 + 55675/144*v1^6*v2^2*v3^2
- 29657/144*v1^5*v2^4*v3 - 80461/144*v1^5*v2^3*v3^2 + 7829/48*v1^4*v2^5*v3 + 4343/16*v1^4*v2^4*v3^2
- 4513/72*v1^3*v2^6*v3 + 4999/18*v1^3*v2^5*v3^2 - 4123/72*v1^2*v2^6*v3^2 - 2701/126*v1*v2^8*v3
+ 2005/9*v1^2*v2^5*v3^3 - 3665/16*v1^2*v2^4*v3^4 + 63683/144*v1^2*v2^3*v3^5 - 47285/144*v1^2*v2^2*v3^6
+ 18419/72*v1*v2^6*v3^3 - 24931/48*v1*v2^5*v3^4 + 88279/144*v1*v2^4*v3^5 - 82411/144*v1*v2^3*v3^6
+ 30527/48*v1^6*v2^3*v3^3 - 7849/48*v1^5*v2^2*v3^3^2 - 55811/72*v1^5*v2^2*v3^4 - 331/8*v1^4*v2^2*v3^4
+ 52297/72*v1^4*v2^2*v3^5 + 16175/48*v1^3*v2^2*v3^5 - 27817/48*v1^3*v2^2*v3^6 + 61109/144*v1^4*v2^2*v3^3
+ 11035/72*v1^3*v2^2*v3^4 - 83035/144*v1^3*v2^2*v3^5,
LOMI_15_3 = -1020993/560*v1^7*v2^5 - 776459/5040*v1^11*v2 + 105541/5040*v2^11*v1 + 407941/5040*v2^11*v3
- 68067/280*v2^10*v2^2 - 26293/140*v1^2*v3^10 + 186779/2520*v1^9*v3^11 + 408743/720*v2^9*v3^3
- 55905/56*v2^8*v3^4 + 785007/560*v2^7*v3^5 - 187129/120*v2^6*v3^6 + 785007/560*v2^5*v3^7 - 55905/56*v2^4*v3^8
- 408743/720*v2^3*v3^9 - 68067/280*v2^2*v3^10 + 407941/5040*v2*v3^11 - 254221/2520*v1^11*v3
+ 37407/140*v1^10*v3^2 - 159983/360*v1^9*v3^3 + 14101/28*v1^8*v3^4 - 81927/280*v1^7*v3^5 - 5411/60*v1^6*v3^6
+ 17293/280*v1^5*v3^7 - 13927/28*v1^4*v3^8 + 134857/360*v1^3*v3^9 - 44/3*v2^12 + 91/3*v1^12
- 120933/280*v1^10*v2^2 - 677737/720*v1^9*v2^3 + 83815/56*v1^8*v2^4 + 198071/120*v1^6*v2^6
- 620593/560*v1^5*v2^7 + 2759/56*v1^4*v2^8 - 88057/720*v1^3*v2^9 - 6467/280*v1^2*v2^10 - 44/3*v3^12
+ 204191/5040*v1^10*v3*v2 - 1691539/1680*v1^9*v3^2*v2 - 172679/2520*v1^9*v3^2*v2 + 246059/1008*v2^9*v3^3*v1^2
- 36181/1008*v2^9*v3^2*v1 + 357809/336*v1^8*v2^3*v3 + 8747/7*v1^8*v2^2*v3^2 - 223577/210*v1^7*v2^4*v3
+ 151887/80*v1^7*v2^3*v3^2 + 74403/80*v1^6*v2^2*v3^3 + 19309/12*v1^6*v2^2*v3^3^2 - 22647/40*v1^5*v2^2*v3^3
- 119673/80*v1^5*v2^2*v3^3^2 - 742431/1680*v1^4*v2^2*v3^3 + 36901/60*v1^4*v2^2*v3^3^2 - 26878/105*v1^3*v2^2*v3^3
- 627509/1680*v1^3*v2^2*v3^3^2 - 1562/7*v1^2*v2^2*v3^3^2 - 187259/2520*v1^2*v2^2*v3^3 + 901291/1680*v1^2*v2^2*v3^3^2
- 7178/7*v1^2*v2^2*v3^3^3 + 39272/105*v1^2*v2^2*v3^3^3 - 1886489/1680*v1^2*v2^2*v3^3^4 + 75353/40*v1^2*v2^2*v3^3^5
- 18107/80*v1^2*v2^2*v3^3^6 + 441073/210*v1^2*v2^2*v3^3^7 - 500671/336*v1^2*v2^2*v3^3^8 + 978361/560*v1^2*v2^2*v3^3^9
- 123049/105*v1^7*v2^2*v3^3^3 - 40487/16*v1^7*v2^2*v3^3^4 + 7669/10*v1^6*v2^2*v3^3^4 + 232571/80*v1^6*v2^2*v3^3^5

+ 14501055305*v1^3*v2*v3^14*v4^5/19656 - 39209284579*v1^3*v2*v3^13*v4^6/39312
+ 2239428701*v1^3*v2*v3^12*v4^7/1638 - 52065223051*v1^3*v2*v3^11*v4^8/39312
+ 40407654251*v1^3*v2*v3^10*v4^9/39312 - 7664124829*v1^3*v2*v3^9*v4^10/39312
+ 6449302505*v1^3*v2*v3^8*v4^11/9828 + 3824297131*v1^3*v2*v3^7*v4^12/2457 - 3614856277*v1^3*v2*v3^6*v4^13/1872
+ 37022676905*v1^3*v2*v3^5*v4^14/19656 - 4040383775*v1^3*v2*v3^4*v4^15/3024 + 918102971*v1^3*v2*v3^3*v4^16/936
+ 993994697*v1^3*v3^17*v4^3/13104 + 160565393*v1^5*v2^9*v3^3*v4^6/112 - 124934858201*v1^5*v2^8*v3^7*v4^3/19656
- 55250778007*v1^5*v2^8*v3^5*v4^5/13104 - 75614710813*v1^5*v2^8*v3^4*v4^6/39312
+ 171931253993*v1^5*v2^8*v3^3*v4^7/39312 + 13415823629*v1^5*v2^7*v3^8*v4^3/19656
+ 1674857869*v1^5*v2^7*v3^7*v4^4/819 + 22682742857*v1^5*v2^7*v3^5*v4^6/9828
+ 160577283397*v1^5*v2^7*v3^3*v4^8/39312 - 17262523661*v1^5*v2^2*v3^9*v4^7/19656
+ 2487258019*v1^5*v2^2*v3^8*v4^8/3276 - 148253590003*v1^5*v2^2*v3^7*v4^9/39312
+ 129144133015*v1^5*v2^2*v3^6*v4^10/39312 - 2566565515*v1^5*v2^2*v3^5*v4^11/624
+ 35315939651*v1^5*v2^2*v3^4*v4^12/9828 - 1043223407*v1^5*v2^2*v3^3*v4^13/189
+ 16871513795*v1^5*v2*v3^14*v4^3/19656 - 467658361*v1^5*v2*v3^13*v4^4/39312 + 895858903*v1^5*v2*v3^12*v4^5/4368
+ 23656743007*v1^5*v2*v3^11*v4^6/39312 - 877247341*v1^5*v2*v3^10*v4^7/13104
+ 12056087359*v1^5*v2*v3^9*v4^8/13104 - 969560419*v1^5*v2*v3^8*v4^9/2457 + 60133078589*v1^5*v2*v3^7*v4^10/39312
- 65580976267*v1^5*v2*v3^6*v4^11/39312 + 6847356701*v1^5*v2*v3^5*v4^12/2808
- 3757167233*v1^5*v2*v3^4*v4^13/2808 + 716288915*v1^5*v2*v3^3*v4^14/312 - 1008972845*v1^5*v3^13*v4^5/9828
+ 2664491117*v1^4*v2^2*v3^14*v4^3/819 - 1056561695*v1^4*v2^2*v3^12*v4^5/2808
+ 1637604025*v1^4*v2^2*v3^11*v4^6/1512 - 3593479957*v1^4*v2^2*v3^10*v4^7/4914
+ 17008950215*v1^4*v2^2*v3^9*v4^8/9828 - 18467635985*v1^4*v2^2*v3^8*v4^9/9828
+ 15242892157*v1^4*v2^2*v3^7*v4^10/4368 - 18755671931*v1^4*v2^2*v3^6*v4^11/5616
+ 13113977739*v1^4*v2^2*v3^5*v4^12/364 - 119640750227*v1^4*v2^2*v3^4*v4^13/39312
+ 136211655473*v1^4*v2^2*v3^3*v4^14/39312 - 17534014955*v1^4*v2*v3^15*v4^3/39312 - 443623*v1^4*v2*v3^14*v4^4/91
+ 10211926763*v1^4*v2*v3^13*v4^5/39312 - 138791689*v1^4*v2*v3^12*v4^6/144 + 11509482617*v1^4*v2*v3^11*v4^7/9828
- 1819251803*v1^4*v2*v3^10*v4^8/1092 + 24889475463*v1^4*v2*v3^9*v4^9/19656
- 10854853927*v1^4*v2*v3^8*v4^10/13104 - 3889901329*v1^4*v2*v3^7*v4^11/9828
+ 48859872389*v1^4*v2*v3^6*v4^12/39312 - 12200813447*v1^4*v2*v3^5*v4^13/6552
+ 9259400585*v1^4*v2*v3^4*v4^14/6552 - 8596250771*v1^4*v2*v3^3*v4^15/5616 - 117239092*v1^3*v2^12*v4^6/351
+ 20027326633*v1^3*v2^13*v4^5/19656 + 4611905735*v1^3*v2^13*v3*v4^6/4914 + 23057437*v1^3*v2^13*v4^7/36
+ 13177471449*v1^3*v2^11*v3^2*v4^7/4914 + 7947730247*v1^3*v2^11*v3*v4^8/2104
+ 18489114485*v1^3*v2^11*v4^9/19656 - 32943054737*v1^3*v2^10*v3^2*v4^8/13104
+ 207591116597*v1^3*v2^10*v3*v4^9/39312 - 2089124231*v1^3*v2^10*v4^10/3024
+ 260552947399*v1^3*v2^9*v3^2*v4^9/13104 + 19379859973*v1^3*v2^9*v3*v4^10/3024 + 21650689*v1^3*v2^9*v4^11/84
+ 24399560495*v1^3*v2^8*v3^2*v4^10/39312 - 136049656417*v1^3*v2^8*v3*v4^11/19656
+ 2068106165*v1^3*v2^8*v4^12/756 - 9639564499*v1^3*v2^7*v3^2*v4^11/19656 + 18092172941*v1^3*v2^7*v3*v4^12/2808
- 12669928405*v1^3*v2^7*v4^13/19656 + 70992334853*v1^3*v2^6*v3^2*v4^12/39312
- 210629965433*v1^3*v2^6*v3*v4^13/39312 + 31727783771*v1^3*v2^6*v4^14/39312
- 9318427777*v1^3*v2^5*v3^2*v4^13/39312 + 52210377655*v1^3*v2^5*v3*v4^14/13104
- 28737719587*v1^3*v2^5*v4^15/39312 + 31069257511*v1^3*v2^4*v3^2*v4^14/13104
- 10843104475*v1^3*v2^4*v3*v4^15/39312 + 3330860803*v1^3*v2^4*v4^16/5616
- 58686392159*v1^3*v2^4*v3^2*v4^15/39312 + 1507036085*v1^3*v2^3*v3*v4^16/1008
+ 4680621133*v1^3*v2^3*v4^17/13104 + 44456000831*v1^3*v2^2*v3^2*v4^16/39312
- 2909557225*v1^3*v2^2*v3*v4^17/39312 + 1798510969*v1^3*v2^2*v4^18/9828 - 522861487*v1^3*v2*v3^2*v4^17/1008
+ 11343148891*v1^3*v2*v3*v4^18/39312 - 2178908297*v1^3*v2*v4^19/39312 + 468459013*v1^2*v2^20*v3/19656
+ 133385743*v1^2*v2^20*v4/19656 - 6802475*v1^2*v2^19*v3^2/104 - 88263544*v1^2*v2^19*v3*v4/2457
+ 38724379*v1^2*v2^19*v4^2/1512 + 6534513785*v1^2*v2^18*v3^3/39312 + 2295164593*v1^2*v2^18*v3^2*v4/39312
- 4013677225*v1^2*v2^18*v3*v4^2/39312 + 123644749*v1^2*v2^18*v4^3/2457 - 14128051697*v1^2*v2^17*v3^4/39312
- 2639746099*v1^2*v2^17*v3^3*v4/39312 - 2324089795*v1^2*v2^17*v3^2*v4^2/13104
+ 3733710163*v1^2*v2^17*v3*v4^3/13104 - 1801498483*v1^2*v2^17*v4^4/19656 + 2956990037*v1^2*v2^16*v3^5/4368
- 317401625*v1^3*v2^5*v3^7*v4^8/6552 + 35661650093*v1^3*v2^5*v3^6*v4^9/39312
+ 57288551725*v1^3*v2^5*v3^5*v4^10/19656 + 1649995579*v1^3*v2^5*v3^3*v4^12/336
- 19068006207*v1^3*v2^4*v3^13*v4^3/19656 - 10584106025*v1^3*v2^4*v3^11*v4^5/9828
+ 4926847651*v1^3*v2^4*v3^10*v4^6/6552 - 5534556205*v1^3*v2^4*v3^9*v4^7/9828
- 524952595*v1^3*v2^4*v3^8*v4^8/6552 - 2448254995*v1^3*v2^4*v3^7*v4^9/1092
+ 12623177279*v1^3*v2^4*v3^6*v4^10/5616 - 60550195325*v1^3*v2^4*v3^5*v4^11/13104
- 1650823015587*v1^3*v2^4*v3^3*v4^13/39312 - 358720787*v1^3*v2^2^3*v3^13*v4^4/756
+ 4310293385*v1^3*v2^3*v3^12*v4^5/4368 - 1030256597*v1^3*v2^2^3*v3^11*v4^6/9828
+ 953202709*v1^3*v2^3*v3^10*v4^7/4914 + 3647090705*v1^3*v2^3*v3^9*v4^8/3276
- 13132645675*v1^3*v2^3*v3^8*v4^9/9828 + 16745314203*v1^3*v2^3*v3^7*v4^10/6552
+ 44131479975*v1^3*v2^3*v3^6*v4^11/19656 + 12622059863*v1^3*v2^3*v3^5*v4^12/39312
+ 110978253713*v1^3*v2^2^3*v3^3*v4^14/39312 - 20616115867*v1^3*v2^2^3*v3^15*v4^3/39312
- 129402137377*v1^14*v2^2^3*v3^3*v4^3/39312 + 175144471163*v1^13*v2^2^3*v3^4*v4^3/39312
- 27204876029*v1^12*v2^4*v3^3*v4^4/13104 - 63564147419*v1^12*v2^3*v3^5*v4^3/13104
+ 90431123533*v1^11*v2^4*v3^4*v4^4/39312 + 221560919725*v1^11*v2^3*v3^6*v4^3/39312
- 1954096017*v1^10*v2^5*v3^3*v4^5/3276 + 646037395*v1^10*v2^4*v3^5*v4^4/378
- 255380325345*v1^10*v2^3*v3^7*v4^3/39312 + 244640695165*v1^9*v2^5*v3^4*v4^5/39312
+ 978672839*v1^8*v2^2^10*v3*v4^10/168 + 3201710465*v1^11*v2*v3^11/504 - 8138865547*v1^10*v2^3*v3^10/1512
+ 677707477*v1^10*v2^2^3*v3^10*v4/504 + 135518397293*v1^9*v2^5*v3^9/39312 - 61315845259*v1^9*v2^4*v3^9*v4/39312
+ 135625809083*v1^8*v2^7*v3^8/13104 + 438041689*v1^8*v2^6*v3^8*v4/468 + 2607659317*v1^7*v2^9*v3^7/13104
- 129952017799*v1^7*v2^8*v3^7*v4/39312 - 182898571*v1^6*v2^11*v3^6/108 + 8905703*v1^4*v2*v4^18/84
+ 1295164097*v1^3*v2^16*v4^4/39312 - 1494137285*v1^3*v2^15*v3*v4^4/5616 + 1604115995*v1^3*v2^15*v4^5/13104
- 677199853*v1^3*v2^14*v3^2*v4^4/2184 - 3370889455*v1^3*v2^14*v3*v4^5/19656
+ 18533565941*v1^5*v2^9*v3^6*v4^3/2808 - 680588369*v1^5*v2^8*v3^6*v4^4/336
+ 4797085407*v1^5*v2^7*v3^6*v4^5/9828 + 18697285559*v1^5*v2^7*v3^4*v4^7/4914
- 543878069*v1^5*v2^6*v3^6*v4^6/351 + 49302709577*v1^5*v2^5*v3^8*v4^5/13104
+ 11635415453*v1^5*v2^5*v3^6*v4^7/3276 - 223840538*v1^5*v2^4*v3^10*v4^4/189
+ 56604216509*v1^5*v2^4*v3^6*v4^8/39312 + 72122319551*v1^5*v2^3^3*v3^12*v4^3/39312
+ 1530428019*v1^5*v2^3^3*v3^6*v4^9/4914 + 4797575*v1^4*v2^2^11*v3^5*v4^3/216
+ 62411066135*v1^4*v2^2^10*v3^5*v4^4/13104 - 4421457871*v1^4*v2^2^9*v3^5*v4^5/2184
+ 169415530631*v1^4*v2^2^8*v3^5*v4^6/39312 + 44031680023*v1^4*v2^2^8*v3^3*v4^8/9828
- 6295559194*v1^4*v2^2^7*v3^5*v4^7/2457 + 43188239723*v1^4*v2^2^6*v3^7*v4^6/9828
+ 171880469501*v1^4*v2^2^6*v3^5*v4^8/39312 + 5911025891*v1^4*v2^2^5*v3^9*v4^5/39312
+ 324864577*v1^4*v2^2^5*v3^5*v4^9/168 + 106142747051*v1^4*v2^2^4*v3^3^11*v4^4/39312
+ 215603498627*v1^4*v2^2^4*v3^3^5*v4^10/39312 - 2993575763*v1^4*v2^2^3^3*v3^13*v4^3/3024
- 39122183819*v1^4*v2^2^3^3*v5*v4^11/19656 + 5702094467*v1^3*v2^2^13*v3^4*v4^3/4914
+ 14544406141*v1^3*v2^12*v3^3^4*v4^4/9828 + 11951555381*v1^3*v2^2^11*v3^4*v4^5/3276
- 38920517413*v1^3*v2^10*v3^4*v4^6/13104 + 70734262981*v1^3*v2^9*v3^4*v4^7/19656
+ 20396263127*v1^3*v2^8*v3^4*v4^8/9828 + 16445753089*v1^3*v2^7*v3^6*v4^7/4914
+ 8493475157*v1^3*v2^7*v3^3^4*v4^9/6552 + 7223663981*v1^3*v2^6*v3^8*v4^6/19656
- 43837915967*v1^3*v2^8*v3^8*v4^4/19656 - 61890162433*v1^3*v2^8*v3^7*v4^5/9828
- 94217813051*v1^3*v2^8*v3^6*v4^6/39312 - 163143849083*v1^3*v2^8*v3^5*v4^7/39312
+ 219647454973*v1^3*v2^8*v3^3^4*v4^9/39312 + 7606390231*v1^3*v2^7*v3^10*v4^3/4914
+ 22757096263*v1^3*v2^7*v3^9*v4^4/19656 + 60331425227*v1^3*v2^7*v3^8*v4^5/9828
- 3411237311*v1^3*v2^6*v3^3^10*v4^4/19656 - 15021027599*v1^3*v2^6*v3^9*v4^5/2808
+ 42080088445*v1^3*v2^6^3*v7*v4^7/9828 + 7880450765*v1^3*v2^6^3*v6*v4^8/13104
+ 10006075531*v1^3*v2^6^3*v5*v4^9/2184 - 235851278245*v1^3*v2^6^3*v3^3^4*v4^11/39312
+ 5062070267*v1^3*v2^5^3*v3^12*v4^3/3024 - 122286139*v1^3*v2^5^3*v3^11*v4^4/216
- 3894942095*v1^3*v2^5^3*v3^9*v4^6/3276 - 1007994975*v1^3*v2^5^3*v3^8*v4^7/3276
+ 16288220161*v1^3*v2^5^3*v3^4*v4^8/13104 + 7982343813*v1^3*v2^5^3*v3^10*v4^5/19656
- 28323634025*v1^3*v2^5^3*v3^4*v4^11/19656 - 1141639063*v1^3*v2^4^3*v3^12*v4^4/13104
+ 65104834259*v1^3*v2^4^3*v3^4*v4^12/19656 + 34321244701*v1^3*v2^3^3*v3^14*v4^3/39312
- 54435740101*v1^3*v2^3^3*v3^4*v4^13/19656 - 100646284229*v1^2*v2^9*v3^3^4*v4^9/19656
+ 25916935087*v1^2*v2^8*v3^5*v4^8/6552 - 17202917*v1^2*v2^7*v3^7*v4^7/18 + 331879013*v1^2*v2^6^3^9*v4^6/63
+ 79077413*v1^2*v2^5^5*v3^11*v4^5/104 + 1368890606*v1^2*v2^4^3*v3^13*v4^4/2457
- 317100977*v1^2*v2^3^3^15*v4^3/1512 - 7705852523*v1^9*v2^4^3*v3^6*v4^4/6552
+ 194460373447*v1^9*v2^3^3^8*v4^3/39312 + 36758629717*v1^8*v2^6^3^3^4*v6/6552
- 28449252593*v1^8*v2^5^5*v3^5*v4^5/13104 + 15305012993*v1^8*v2^4^3^7*v4^4/4368
- 52041988081*v1^8*v2^3^3^9*v4^3/13104 + 2285460389*v1^7*v2^7^3^2^2*v4^7/504
- 1234147691*v1^7*v2^6^3^3^4*v4^6/1404 + 173040141397*v1^7*v2^5^5^3^8*v4^3/39312
+ 6412274437*v1^7*v2^5^5^3^6*v4^5/1404 - 34427405731*v1^7*v2^2^4^3^8*v4^4/13104
+ 19238535067*v1^7*v2^3^3^10*v4^3/5616 + 125418864007*v1^7*v2^3^3^8*v4^5/39312
- 314500633*v1^6*v2^7^3^7^4*v4^3/156 - 5847355403*v1^6*v2^7^3^3^4*v4^7/2457 + 569066402*v1^6*v2^6^3^7^4*v4^4/117
+ 3277583947*v1^6*v2^6^3^3^5*v4^6/702 - 18707065291*v1^6*v2^5^5^3^7^4*v4^5/9828
+ 3362311001*v1^6*v2^4^3^9*v4^4/936 + 5384716639*v1^6*v2^4^3^7^4*v4^6/1404

- 247443386515*v1^9*v3*v4^15/11424 + 1846563734*v1^10*v3^14*v4/1071 + 8398317637*v1^10*v3^13*v4^2/2448
+ 25748950625*v1^10*v3^9*v4^6/8568 + 2184288167*v1^10*v3^8*v4^7/2016 + 221808502495*v1^10*v3^7*v4^8/34272
+ 125889463607*v1^10*v3^6*v4^9/34272 + 2477618695*v1^10*v3^3*v4^12/126 - 106714984457*v1^10*v3^2*v4^13/5712
+ 51646389959*v1^10*v3*v4^14/1904 + 82839124763*v1^12*v3^9*v4^4/34272 + 2219096021*v1^12*v3^8*v4^5/1224
+ 6557616253*v1^12*v3^7*v4^6/2856 + 6724766203*v1^12*v3^6*v4^7/5712 + 50215982897*v1^12*v3^5*v4^8/8568
+ 106480047931*v1^12*v3^4*v4^9/17136 + 1014627619*v1^12*v3^3*v4^10/84 - 48897388007*v1^12*v3^2*v4^11/3808
- 38766223869*v1^11*v3^9*v4^5/11424 - 246723241633*v1^11*v3^8*v4^6/17136 - 13297230209*v1^11*v3^7*v4^7/2856
+ 132499859*v1^11*v3^6*v4^8/504 - 42012282917*v1^11*v3^5*v4^9/4284 + 278733650149*v1^11*v3^4*v4^10/34272
- 504360202385*v1^11*v3*v4^13/17136 - 10472168611*v1^13*v3^9*v4^3/34272 - 5067562681*v1^13*v3^8*v4^4/17136
- 12405999457*v1^13*v3^7*v4^5/17136 - 2240857969*v1^13*v3^6*v4^6/5712 - 45296673445*v1^13*v3^5*v4^7/17136
+ 90263754809*v1^13*v3^4*v4^8/17136 - 32330677933*v1^13*v3^3*v4^9/4896 + 16954434215*v1^13*v3^2*v4^10/1904
- 42060965637*v1^13*v3*v4^11/1904 + 17534851871*v1^15*v3^9*v4/11424 + 93705979823*v1^15*v3^8*v4^2/34272
+ 370985398*v1^15*v3^7*v4^3/153 + 2528897869*v1^15*v3^6*v4^4/952 + 29688795277*v1^15*v3^5*v4^5/17136
+ 11973125263*v1^15*v3^4*v4^6/2856 + 11786434595*v1^15*v3^3*v4^7/8568 + 145397644043*v1^15*v3^2*v4^8/34272
- 4407249761*v1^15*v3*v4^9/544 - 63649296931*v1^14*v3^9*v4^2/34272 - 10639676045*v1^14*v3^8*v4^3/8568
- 36383831*v1^14*v3^7*v4^4/136 - 15688614553*v1^14*v3^6*v4^5/17136 - 113700035*v1^14*v3^5*v4^6/8568
- 13423612093*v1^14*v3^4*v4^7/2856 + 60456813925*v1^14*v3^3*v4^8/34272 - 102034842149*v1^14*v3^2*v4^9/17136
+ 18215774885*v1^14*v3*v4^10/1224 - 20002073473*v1^18*v3^5*v4^2/11424 - 66382700863*v1^18*v3^4*v4^3/34272
- 2433554899*v1^18*v3^3*v4^4/126 - 3758742431*v1^18*v3^2*v4^5/2142 - 8955179663*v1^18*v3*v4^6/17136
- 36232484891*v1^16*v3^8*v4/17136 - 353965133*v1^16*v3^7*v4^2/1224 - 48612041257*v1^16*v3^6*v4^3/17136
9687500043*v1^16*v3^5*v4^4/34272 - 121398706481*v1^16*v3^4*v4^5/34272 - 12915481853*v1^16*v3^3*v4^6/4896
+ 56264528431*v1^16*v3^2*v4^7/17136 + 7808295295*v1^16*v3*v4^8/2448 + 908122737*v1^21*v3^3*v4/4284
- 766435391*v1^21*v3^2*v4^2/34272 + 38550751*v1^21*v3*v4^3/204 - 1874135783*v1^20*v3^4*v4/3808
- 6222028807*v1^20*v3^3*v4^2/11424 - 10087795275*v1^19*v2^6*v3^5*v4^5/8568
+ 161052259409*v1^9*v2^5*v3^9*v4^2/11424 + 44802415261*v1^9*v2^5*v3^7*v4^4/4284
- 270638190439*v1^9*v2^4*v3^9*v4^3/34272 + 180409255157*v1^9*v2^3*v3^9*v4^4/11424
- 68389336641*v1^8*v2^7*v3^8*v4^2/544 - 174217291417*v1^8*v2^7*v3^4*v4^6/11424
+ 37387526393*v1^8*v2^6*v3^8*v4^3/4284 + 13229825923*v1^8*v2^6*v3^6*v4^5/2448
+ 2761354333*v1^8*v2^5*v3^8*v4^4/238 + 282428508365*v1^8*v2^4*v3^10*v4^3/34272
+ 50599715207*v1^8*v2^4*v3^8*v4^5/5712 - 12232082725*v1^8*v2^3*v3^8*v4^6/816
- 1823247885*v1^7*v2^9*v3^7*v4^2/2856 - 141598993433*v1^7*v2^8*v3^7*v4^3/11424
- 498221776147*v1^7*v2^8*v3^3*v4^7/34272 + 10281861251*v1^7*v2^7*v3^7*v4^4/1428
+ 123247387717*v1^7*v2^7*v3^5*v4^6/17136 - 21330644791*v1^7*v2^6*v3^7*v4^5/1224
+ 175480176461*v1^7*v2^5*v3^9*v4^4/17136 + 10312242079*v1^7*v2^5*v3^7*v4^6/1224
- 170241815201*v1^7*v2^4*v3^11*v4^3/17136 - 21602689985*v1^7*v2^4*v3^7*v4^7/1428
+ 89117701373*v1^7*v2^3*v3^7*v4^8/17136 - 433882377641*v1^6*v2^11*v3^6*v4^2/22848
+ 52190971101*v1^6*v2^10*v3^6*v4^3/7616 - 469482463237*v1^6*v2^9*v3^6*v4^4/34272
+ 30634979219*v1^6*v2^8*v3^6*v4^5/5712 + 65574786113*v1^6*v2^8*v3^4*v4^7/8568
- 5865033461*v1^6*v2^7*v3^6*v4^6/306 + 107144466889*v1^6*v2^6*v3^8*v4^5/17136
+ 12983543231*v1^6*v2^6*v3^6*v4^7/2142 - 464521818821*v1^6*v2^5*v3^10*v4^4/4284
- 29118044739*v1^6*v2^5*v3^6*v4^8/1904 + 30256549963*v1^6*v2^4*v3^12*v4^3/34272
- 733574639*v1^6*v2^4*v3^6*v4^9/4896 - 146388845863*v1^6*v2^3*v3^6*v4^10/7616
- 4792648995*v1^5*v2^13*v3^5*v4^2/2448 - 36114431407*v1^5*v2^12*v3^5*v4^3/22848
+ 15017772725*v1^5*v2^11*v3^5*v4^4/68544 - 414925784269*v1^5*v2^10*v3^5*v4^5/34272
+ 22028079329*v1^5*v2^9*v3^5*v4^6/2856 + 488606539427*v1^5*v2^9*v3^3*v4^8/34272
- 99734761075*v1^5*v2^8*v3^5*v4^7/5712 + 2484727487*v1^5*v2^7*v3^7*v4^6/357
+ 60439441133*v1^5*v2^7*v3^5*v4^8/5712 - 35133321305*v1^5*v2^6*v3^9*v4^5/2448
- 52142622793*v1^5*v2^6*v3^5*v4^9/2856 + 28950969143*v1^5*v2^5*v3^11*v4^4/4896
+ 405310736281*v1^5*v2^5*v3^5*v4^10/34272 - 78549583553*v1^5*v2^4*v3^13*v4^3/9792
- 174480062639*v1^5*v2^4*v3^5*v4^11/68544 + 268350692353*v1^5*v2^3*v3^5*v4^12/68544
+ 495111741*v1^4*v2^15*v3^4*v4^2/2448 + 30183262511*v1^4*v2^14*v3^4*v4^3/34272
- 532202787421*v1^4*v2^13*v3^4*v4^4/68544 - 22223443*v2^23*v3*v1/2856 + 154823253535*v1^11*v2^7*v3^2*v4^5/11424
+ 118899786307*v1^11*v2^7*v3*v4^6/17136 + 996418229587*v1^11*v2^6*v3^2*v4^6/68544
+ 13633681739*v1^11*v2^6*v3*v4^7/11424 + 231284282945*v1^11*v2^5*v3^2*v4^7/34272
+ 11214014591*v1^11*v2^5*v3*v4^8/1008 + 102164680501*v1^11*v2^4*v3^2*v4^8/17136
+ 247995315425*v1^11*v2^4*v3*v4^9/8568 + 2230719331759*v1^11*v2^3*v3^2*v4^9/34272
+ 7892472807*v1^11*v2^3*v3*v4^10/4284 - 820598449031*v1^5*v2^8*v3*v4^11/34272
+ 245230812145*v1^5*v2^7*v3^3^2*v4^11/34272 + 422355074299*v1^5*v2^7*v3*v4^12/17136
+ 1344818415*v1^5*v2^6*v3^2*v4^12/8568 - 195927638017*v1^5*v2^6*v3*v4^13/8568
- 44206437533*v1^5*v2^5*v3^2*v4^13/4284 + 89923955887*v1^5*v2^5*v3*v4^14/4284
+ 793746454255*v1^5*v2^4*v3^2*v4^14/68544 - 167171532809*v1^5*v2^4*v3*v4^15/8568
- 2868124233001^5*v2^3*v3^2*v4^15/1008 + 110946860633*v1^5*v2^3*v3*v4^16/11424
+ 8658934745*v1^5*v2^2*v3^2*v4^16/1224 - 92062891303*v1^5*v2^2*v3*v4^17/17136
- 165227111587*v1^5*v2^2*v3^2*v4^17/34272 + 14839026031*v1^5*v2^2*v3*v4^18/896 - 795296281*v1^4*v2^17*v3*v4^3/1008
- 12312343399*v1^4*v2^16*v3^2*v4^3/11424 - 111671492609*v1^4*v2^15*v3*v4^5/34272
+ 1327510840909*v1^4*v2^14*v3^2*v4^5/34272 + 24491681047*v1^4*v2^14*v3*v4^6/5712
- 36496032329*v1^4*v2^13*v3^2*v4^6/9792 - 231009275855*v1^4*v2^13*v3*v4^7/34272
+ 36462387779*v1^4*v2^12*v3^2*v4^7/11424 + 85633262107*v1^4*v2^12*v3*v4^8/8568
- 100243827437*v1^4*v2^11*v3^2*v4^8/17136 - 71452475173*v1^4*v2^11*v3*v4^9/5712
+ 12359368879*v1^6*v2^15*v3*v4^3/5712 - 4019383409*v1^6*v2^14*v3^2*v4^3/336
+ 6761651149*v1^6*v2^14*v3*v4^4/1224 + 2040792637*v1^6*v2^13*v3^2*v4^4/2448
- 6343958885*v1^6*v2^13*v3*v4^5/4284 + 32253059275*v1^6*v2^12*v3^2*v4^5/5712
+ 3160518283*v1^6*v2^11*v3*v4^7/1632 - 43555644373*v1^4*v2^6*v3^2*v4^13/11424
+ 85184426371*v1^4*v2^6*v3*v4^14/4896 + 81965643865*v1^4*v2^5*v3^2*v4^14/9792
- 82356777353*v1^4*v2^5*v3*v4^15/5712 - 1382274127*v1^4*v2^4*v3^2*v4^15/153
+ 396701294639*v1^4*v2^4*v3*v4^16/34272 + 49921380695*v1^4*v2^3*v3^2*v4^16/11424
- 8873741909*v1^4*v2^3*v3*v4^17/1428 - 148834720241*v1^4*v2^2*v3^2*v4^17/34272
+ 101534889017*v1^4*v2^2*v3*v4^18/34272 + 28542465043*v1^4*v2^2*v3^2*v4^18/11424
- 15703134179*v1^4*v2^2*v3*v4^19/11424 - 192521095*v1^3*v2^17*v3*v4^4/168 + 12623615*v1^3*v2^16*v3^2*v4^4/224
+ 1965454441*v1^3*v2^16*v3*v4^5/4284 + 53097147989*v1^3*v2^15*v3^2*v4^5/34272
+ 284433287*v1^3*v2^15*v3*v4^6/2448 - 106826259479*v1^3*v2^14*v3^2*v4^6/22848
+ 463314016*v1^3*v2^14*v3*v4^7/1071 + 70827072451*v1^3*v2^13*v3^2*v4^7/8568
+ 148445657251*v1^3*v2^13*v3*v4^8/17136 - 14053496231*v1^3*v2^12*v3^2*v4^8/1428
- 168107834563*v1^3*v2^12*v3*v4^9/11424 + 115780782287*v1^3*v2^11*v3^2*v4^9/11424
+ 49643932399*v1^3*v2^11*v3*v4^10/2448 - 81656056015*v1^3*v2^10*v3^2*v4^10/11424
- 20772157643*v1^3*v2^10*v3*v4^11/8568 + 9119440461*v1^3*v2^9*v3^2*v4^11/3808
+ 13835825711*v1^3*v2^9*v3*v4^12/544 + 85729314515*v1^7*v2^2*v3^3^5*v4^12/8568
+ 25642654043*v1^7*v2^2*v3^4*v4^13/5712 + 71089682491*v1^7*v2^2*v3^3^5*v4^14/5712 - 21373841663*v1^7*v3^11*v4^7/8568
+ 75576855877*v1^10*v2^2*v3^10*v4^3/11424 + 350231164925*v1^10*v2^2^2*v3^9*v4^4/34272
+ 278651426797*v1^10*v2^2*v3^8*v4^5/34272 + 2075896732*v1^10*v2^2^2*v3^7*v4^6/153
+ 7437953051*v1^10*v2^2^2*v3^6*v4^7/1428 - 179448812971*v1^10*v2^2^2*v3^5*v4^8/34272
- 84272157643*v1^10*v2^2^2*v3^4*v4^9/34272 - 77747662721*v1^10*v2^2*v3^11*v4^3/4284
- 14806548435*v1^10*v2^2*v3^10*v4^4/952 - 63205922333*v1^10*v2^2*v3^9*v4^5/4896 - 8712435667*v1^10*v2^2*v3^8*v4^6/476
- 120762885205*v1^10*v2^2*v3^7*v4^7/8568 - 5978322383*v1^10*v2^2*v3^6*v4^8/544
- 186237299519*v1^10*v2^2*v3^5*v4^9/11424 - 556928561*v1^10*v2^2*v3^4*v4^10/16
- 17151108087*v1^10*v2^2*v3^3^5*v4^11/952 + 119612103617*v1^10*v3^5*v4^10/8568
- 20319601669*v1^9*v2^2^2*v3^11*v4^3/2856 - 166627285129*v1^9*v2^2^2*v3^10*v4^4/17136
- 337710514943*v1^9*v2^2^2*v3^9*v4^5/34272 - 60040843955*v1^9*v2^2^2*v3^8*v4^6/11424
- 317274802259*v1^9*v2^2^2*v3^7*v4^7/17136 - 1851824609*v1^9*v2^2^2*v3^6*v4^8/1632
+ 17323257305*v1^9*v2^2^2*v3^4*v4^10/3808 - 572584150939*v1^9*v2^2^2*v3^3*v4^11/8568
+ 485789685907*v1^9*v2^2*v3^12*v4^3/34272 + 54812750411*v1^9*v2^2*v3^11*v4^4/5712
+ 16077684843*v1^9*v2^2*v3^10*v4^5/2016 + 205697887669*v1^9*v2^2*v3^9*v4^6/17136
+ 17932806379*v1^9*v2^2*v3^8*v4^7/17136 + 20712968225*v1^9*v2^2*v3^7*v4^8/2016 + 5098160863*v1^9*v2^2*v3^6*v4^9/1224
+ 441253443581*v1^9*v2^2*v3^5*v4^10/34272 + 3671641447*v1^9*v2^2*v3^4*v4^11/1444
+ 57206470655*v1^9*v2^2*v3^3^5*v4^12/34272 - 117851982905*v1^8*v2^7*v3^3*v4^9/11424
+ 6395643039*v1^8*v2^6*v3^3^2*v4^9/2448 + 434655578761*v1^8*v2^6*v3^3*v4^10/34272
+ 199695688541*v1^8*v2^5*v3^3^2*v4^10/34272 - 368040985303*v1^8*v2^5*v3^3*v4^11/17136
+ 134922758287*v1^8*v2^4*v3^3^2*v4^11/34272 + 87338160823*v1^8*v2^4*v3^3*v4^12/2142
- 131490178167*v1^8*v2^4*v3^2*v4^12/34272 - 165572175871*v1^8*v2^3^3*v4^13/8568
- 194473934597*v1^8*v2^2^2*v3^2*v4^13/17136 + 16628403349*v1^8*v2^2^2*v3^2*v4^14/1632
+ 831186754*v1^8*v2^2*v3^2*v4^14/63 - 492496538669*v1^8*v2^2*v3^2*v4^15/34272 - 30037485609*v1^16*v2^7^7*v3^4/3808
- 78087024949*v1^6*v2^14*v3^3^6/17136 - 20475720655*v1^6*v2^12*v3^6*v4/4284 - 10348623787*v1^5*v2^12^5*v3^5/2448
- 72601813493*v1^5*v2^12^5*v3^5*v4/8568 - 25125150409*v1^4*v2^17^3*v3^4/8568 + 3424133*v1^4*v2^16^3*v3^4*v4/34272
+ 34260814739*v1^3*v2^19^3*v3^3/34272 + 426028475*v1^3*v2^18^3*v3^3*v4/4284 - 10340384245*v1^18*v2^2^3^3*v4^3/2142
+ 157960819409*v1^15*v2^2^2*v3^5*v4^3/17136 + 26776858025*v1^15*v2^2^2*v3^4*v4^4/2448
+ 2304711571*v1^15*v2^2^2*v3^3^5/952 + 12008964067*v1^15*v2^2^2*v3^6*v4^3/672 + 10155578043*v1^15*v2^2^2*v3^5*v4^4/544
+ 714957890543*v1^15*v2^2^2*v3^4*v4^5/34272 + 569953033913*v1^15*v2^2^2*v3^3^5/34272
- 28630948313*v1^14*v2^2^2*v3^6*v4^3/4032 + 16496566861*v1^12*v3^12*v4/8568 + 46615440349*v1^12^3*v1^11*v4^2/34272

- 150538864757*v1^18*v2*v3*v4^5/34272 - 16457640671*v1^20*v2*v3^2*v4^2/17136 + 19782029*v2^2*v3^22*v4/1632
+ 1408225471921*v1^11*v2*v3^12*v4/11424 + 1408225471921*v1^10*v2^13*v3*v4/17136
+ 11415701495*v1^10*v2^12*v3^2*v4/8568 + 56084617171*v1^10*v2^12*v3^3*v4^2/5712
+ 1975714513607*v1^10*v2^11*v3^3*v4/68544 - 2494742891315*v1^10*v2^11*v3^2*v4^2/68544
+ 1317797746339*v1^10*v2^10*v3^4*v4/68544 + 1748819902649*v1^10*v2^10*v3^3*v4^2/68544
+ 662004849931*v1^10*v2^9*v3^5*v4/68544 + 145984721857*v1^10*v2^9*v3^4*v4^2/68544
+ 33569554649*v1^10*v2^8*v3^6*v4/22848 - 709199052341*v1^10*v2^8*v3^5*v4^2/68544
+ 14234435349*v1^10*v2^7*v3^7*v4/34272 + 21288337971*v1^10*v2^7*v3^6*v4^2/1224
+ 4951750663*v1^10*v2^6*v3^8*v4/34272 + 60662807587*v1^10*v2^6*v3^7*v4^2/17136
- 14345384617*v1^10*v2^5*v3^9*v4/1632 - 527864900215*v1^10*v2^5*v3^8*v4^2/34272
+ 86480311163*v1^10*v2^4*v3^9*v4^2/17136 - 22202088977*v1^10*v2^3*v3^11*v4/1632
+ 25649657981*v1^10*v2^3*v3^12*v4/3808 + 97865981015*v1^10*v2^2*v3^11*v4^2/11424
+ 309949930457*v1^10*v2*v3^13*v4/34272 - 82184237465*v1^10*v2*v3^12*v4^2/4284
+ 17685953835*v1^12*v2^10*v3*v4^2/4284 + 1363230701905*v1^12*v2^9*v3^3*v4/68544
+ 16054830327*v1^12*v2^9*v3^2*v4^2/448 - 383186628173*v1^12*v2^8*v3^4*v4/22848
+ 66291534691*v1^12*v2^8*v3^3*v4^2/7616 - 93660873709*v1^12*v2^7*v3^5*v4/7616
- 681346940375*v1^12*v2^7*v3^4*v4^2/68544 - 298817992877*v1^12*v2^6*v3^6*v4/68544
- 984082216367*v1^12*v2^6*v3^5*v4^2/68544 - 258194323441*v1^12*v2^5*v3^7*v4/34272
- 577063294249*v1^12*v2^5*v3^6*v4^2/34272 - 13942208533*v1^12*v2^4*v3^8*v4/11424
+ 10097011595*v1^12*v2^4*v3^7*v4^2/2016 - 282459502265*v1^12*v2^3*v3^9*v4/17136
93719400277*v1^12*v2^3*v3^8*v4^2/3808 + 1562804209*v1^12*v2^2*v3^10*v4/544
- 18130979987*v1^12*v2^2*v3^9*v4^2/34272 - 8484021447*v1^12*v2*v3^11*v4/544
- 74747274253*v1^12*v2*v3^10*v4^2/2856 + 43330597633*v1^11*v2^12*v3*v4/4284
+ 47998915567*v1^11*v2^11*v3^2*v4/34272 + 65439893531*v1^11*v2^11*v3*v4^2/4896
- 207739373843*v1^11*v2^10*v3^3*v4/7616 + 38382627953*v1^11*v2^10*v3^2*v4^2/9792
+ 1302628811291*v1^11*v2^9*v3^4*v4/68544 - 1221062327845*v1^11*v2^9*v3^3*v4^2/68544
+ 224766431227*v1^11*v2^8*v3^5*v4/22848 + 116182198477*v1^11*v2^8*v3^4*v4^2/68544
+ 138144645805*v1^11*v2^7*v3^6*v4/22848 + 1173958702417*v1^11*v2^7*v3^5*v4^2/68544
- 51270538181*v1^11*v2^6*v3^7*v4/34272 + 343898750561*v1^11*v2^6*v3^6*v4^2/34272
+ 15085775551*v1^11*v2^5*v3^8*v4/1632 + 443277090551*v1^11*v2^5*v3^7*v4^2/34272
- 24389775381*v1^14*v2^3*v3^7*v4/17136 - 657905918317*v1^14*v2^3*v3^6*v4^2/34272
+ 14714620303*v1^14*v2^2*v3^8*v4/8568 - 2740180649*v1^14*v2^2*v3^7*v4^2/336 - 20325961657*v1^14*v2*v3^9*v4/1224
- 64539723289*v1^14*v2*v3^8*v4^2/2856 + 21312603805*v1^7*v2^7*v3^3*v4^8/1904
- 3398238979*v1^7*v2^6*v3^9*v4^3/252 - 184785851353*v1^7*v2^6*v3^8*v4^4/17136
- 11379080899*v1^7*v2^6*v3^6*v4^6/2142 - 323187771643*v1^7*v2^6*v3^5*v4^7/17136
- 71502893369*v1^7*v2^6*v3^4*v4^8/17136 - 127800349917*v1^7*v2^6*v3^3*v4^9/3808
+ 6263561729*v1^7*v2^5*v3^10*v4^3/3808 + 86466122753*v1^7*v2^5*v3^8*v4^5/5712
+ 299070037775*v1^7*v2^5*v3^6*v4^7/17136 + 5022220983*v1^7*v2^5*v3^5*v4^8/476
+ 824569323247*v1^7*v2^5*v3^4*v4^9/34272 + 702795550615*v1^7*v2^5*v3^3*v4^10/34272
+ 321886546159*v1^7*v2^4*v3^10*v4^4/34272 - 1596284183*v1^7*v2^4*v3^9*v4^5/136
- 12140154763*v1^7*v2^4*v3^8*v4^6/2142 - 1824234445*v1^7*v2^4*v3^6*v4^8/816
- 108039379605*v1^7*v2^4*v3^5*v4^9/34272 + 46645605221*v1^7*v2^4*v3^4*v4^10/34272
+ 10456537069*v1^7*v2^4*v3^3*v4^11/17136 + 407718966925*v1^7*v2^3*v3^12*v4^3/34272
+ 30598856443*v1^7*v2^3*v3^11*v4^4/4896 + 16387217937*v1^7*v2^3*v3^10*v4^5/1904
+ 23242621791*v1^7*v2^3*v3^9*v4^6/34272 + 23472165233*v1^7*v2^3*v3^8*v4^7/2142
+ 27291366587*v1^7*v2^3*v3^6*v4^9/1224 + 39394672105*v1^7*v2^3*v3^5*v4^10/8568
- 139581182191*v1^7*v2^3*v3^4*v4^11/11424 + 458045129837*v1^7*v2^3*v3^3*v4^12/34272
- 391102646537*v1^7*v2^2*v3^9*v4^7/34272 - 418873327*v1^6*v2^13*v3^3*v4^4/3808
+ 8484825967*v1^6*v2^12*v3^4*v4^3/5712 - 161311123441*v1^6*v2^12*v3^3*v4^4/34272
+ 164582148143*v1^6*v2^11*v3^5*v4^3/22848 - 566242668305*v1^6*v2^11*v3^4*v4^4/68544
+ 8563671017*v1^6*v2^11*v3^3*v4^5/9792 - 47460382467*v1^6*v2^11*v3^2*v4^6/7616
+ 52854653971*v1^6*v2^10*v3^5*v4^4/3264 - 242669716073*v1^6*v2^10*v3^4*v4^5/68544
+ 928517381173*v1^6*v2^10*v3^3*v4^6/68544 - 2885055221*v1^6*v2^9*v3^7*v4^3/672
- 80928574115*v1^6*v2^9*v3^5*v4^5/17136 - 443741111921*v1^6*v2^9*v3^4*v4^6/34272
- 62271604847*v1^6*v2^9*v3^3*v4^7/8568 + 6719313991*v1^6*v2^8*v3^8*v4^3/1224
+ 312651132175*v1^6*v2^8*v3^7*v4^4/17136 + 31628513037*v1^6*v2^8*v3^5*v4^6/1904
+ 541548308455*v1^6*v2^8*v3^3*v4^8/34272 - 349408155913*v1^6*v2^7*v3^9*v4^3/34272
- 312326816575*v1^6*v2^7*v3^8*v4^4/17136 - 359209999*v1^6*v2^7*v3^7*v4^5/51
+ 17687846267*v1^6*v2^7*v3^5*v4^7/8568 - 5533569745*v1^6*v2^7*v3^4*v4^8/357
- 9641901347*v1^6*v2^7*v3^3*v4^9/672 + 24532119709*v1^6*v2^6*v3^10*v4^3/2856
+ 158459224775*v1^6*v2^6*v3^9*v4^4/8568 + 30510361087*v1^6*v2^6*v3^8*v4^5/4896 + 287542751803*v1^6*v2^6*v3^7*v4^6/34272
+ 93759654763*v1^6*v2^6*v3^6*v4^7/34272 - 18677220631*v1^6*v2^6*v3^5*v4^8/17136 + 302834231809*v1^6*v2^6*v3^4*v4^9/34272
- 886699115321*v1^6*v2^6*v3^3*v4^10/34272 + 306876396823*v1^6*v2^6*v3^2*v4^11/22848
+ 767329719097*v1^6*v2^6*v3^1*v4^12/22848 + 348670846967*v1^6*v2^6*v3^0*v4^13/22848
+ 495755246255*v1^6*v2^5*v3^4*v4^7/34272 + 309794642383*v1^6*v2^5*v3^3*v4^8/17136
+ 199078274531*v1^6*v2^5*v3^2*v4^9/17136 + 111632102557*v1^6*v2^5*v3^1*v4^10/4896
+ 54155991999*v1^6*v2^5*v3^0*v4^11/17136 - 309107472743*v1^6*v2^5*v3^0*v4^12/34272
- 3444669660583*v1^6*v2^4*v3^9*v4^3/68544 - 1018350351785*v1^6*v2^4*v3^8*v4^4/68544
- 69175234791*v1^6*v2^4*v3^7*v4^5/68544 - 1128535103179*v1^6*v2^4*v3^6*v4^6/68544
- 651260663147*v1^6*v2^4*v3^5*v4^7/34272 - 483622094911*v1^6*v2^4*v3^4*v4^8/34272
- 132087955907*v1^6*v2^4*v3^3*v4^9/5712 - 114204573619*v1^6*v2^4*v3^2*v4^10/11424
- 46410436435*v1^6*v2^4*v3^1*v4^11/1632 - 20379624611*v1^6*v2^4*v3^0*v4^12/5712
+ 97000084631*v1^6*v2^3*v3^11*v4^2/11424 + 3825537328297*v1^6*v2^3*v3^10*v4^3/68544
+ 934062074917*v1^6*v2^3*v3^9*v4^4/68544 + 489262486963*v1^6*v2^3*v3^8*v4^5/68544
+ 148325713579*v1^6*v2^3*v3^7*v4^6/9792 + 31224128753*v1^6*v2^3*v3^6*v4^7/1632
+ 605965141055*v1^6*v2^3*v3^5*v4^8/34272 + 44599370401*v1^6*v2^3*v3^4*v4^9/3808
+ 10174581003*v1^6*v2^3*v3^3*v4^10/3808 + 60105932339*v1^6*v2^3*v3^2*v4^11/11424
+ 359162670155*v1^6*v2^3*v3^1*v4^12/11424 + 2616884059*v1^6*v2^3*v3^0*v4^13/714
- 126804990541*v1^6*v2^2*v3^10*v4^2/17136 - 404756324405*v1^6*v2^2*v3^9*v4^3/7616
- 686222970389*v1^6*v2^2*v3^8*v4^4/68544 - 266449388141*v1^6*v2^2*v3^7*v4^5/68544
- 171904215443*v1^6*v2^2*v3^6*v4^6/68544 - 681077870387*v1^6*v2^2*v3^5*v4^7/34272
- 395475531991*v1^6*v2^2*v3^4*v4^8/34272 - 202385140883*v1^6*v2^2*v3^3*v4^9/11424
- 17229622379*v1^6*v2^2*v3^2*v4^10/2856 - 973480969945*v1^6*v2^2*v3^1*v4^11/34272
+ 5066970659*v1^6*v2^2*v3^0*v4^12/3808 + 188587835*v1^2*v2^22*v3/4896 + 4083437*v1^2*v2^22*v4/357
- 1929944453*v1^2*v2^22*v3^2/17136 - 731727347*v1^2*v2^22*v3^3*v4/11424 - 248760731*v1^2*v2^22*v3^4/5712
- 35078186219*v1^4*v2^29*v3^9*v4^3/5712 - 517477035959*v1^4*v2^29*v3^8*v4^4/17136
- 32487843607*v1^4*v2^29*v3^7*v4^5/4896 - 23077878577*v1^4*v2^29*v3^6*v4^6/17136
+ 17047480917*v1^4*v2^29*v3^5*v4^7/17136 - 566025710389*v1^4*v2^29*v3^4*v4^8/34272
+ 122977177375*v1^4*v2^28*v3^10*v4^3/17136 + 537604441141*v1^4*v2^28*v3^9*v4^4/17136
+ 6822947477*v1^4*v2^28*v3^8*v4^5/1632 + 143183404537*v1^4*v2^28*v3^7*v4^6/8568
+ 22055075989*v1^4*v2^28*v3^6*v4^8/1428 + 114883867249*v1^4*v2^28*v3^5*v4^10/5712
- 142843255231*v1^4*v2^27*v3^11*v4^3/17136 - 284560973657*v1^4*v2^27*v3^10*v4^4/11424
- 18203568825*v1^4*v2^27*v3^9*v4^5/3808 - 4929916847*v1^4*v2^27*v3^8*v4^7/714
- 68051989083*v1^4*v2^27*v3^7*v4^8/5712 - 10678589162*v1^4*v2^27*v3^6*v4^9/1071
+ 641348998559*v1^4*v2^27*v3^5*v4^11/34272 + 10847401705*v1^4*v2^26*v3^12*v4^3/1632
- 614773755103*v1^4*v2^26*v3^11*v4^4/34272 + 67825549763*v1^4*v2^26*v3^9*v4^6/4896
- 26032577681*v1^4*v2^26*v3^8*v4^7/34272 + 550839394043*v1^4*v2^26*v3^7*v4^8/34272
+ 54373720069*v1^4*v2^26*v3^6*v4^9/34272 + 18422340899*v1^4*v2^26*v3^5*v4^10/1224
+ 731601947833*v1^4*v2^26*v3^4*v4^12/34272 - 114906558769*v1^4*v2^25*v3^13*v4^3/22848
+ 164402197123*v1^4*v2^25*v3^11*v4^5/68544 - 319871960515*v1^4*v2^25*v3^10*v4^6/22848
+ 371697374189*v1^4*v2^25*v3^9*v4^7/68544 - 102641892245*v1^4*v2^25*v3^8*v4^8/7616
- 279008083821*v1^4*v2^25*v3^7*v4^9/68544 - 273647196203*v1^4*v2^25*v3^6*v4^10/68544
- 651515953321*v1^4*v2^25*v3^5*v4^11/68544 - 171661305481*v1^4*v2^25*v3^4*v4^12/9792
+ 413974824059*v1^4*v2^24*v3^13*v4^4/68544 - 79673669041*v1^4*v2^24*v3^12*v4^5/22848
+ 780916520407*v1^4*v2^24*v3^11*v4^6/68544 - 206592544301*v1^4*v2^24*v3^10*v4^7/22848
+ 399415899973*v1^4*v2^24*v3^9*v4^8/22848 - 31832326817*v1^4*v2^24*v3^8*v4^9/22848
+ 1344786735023*v1^4*v2^24*v3^7*v4^10/68544 - 925281973663*v1^4*v2^24*v3^6*v4^11/68544
+ 151899420083*v1^4*v2^24*v3^5*v4^12/7616 + 58139937071*v1^4*v2^24*v3^4*v4^14/4032
- 9956627293*v1^4*v2^23*v3^15*v4^3/2856 + 15793774261*v1^4*v2^23*v3^14*v4^4/34272
- 33457608991*v1^4*v2^23*v3^13*v4^5/8568 + 62734403309*v1^4*v2^23*v3^12*v4^6/11424
- 3029464513*v1^4*v2^23*v3^11*v4^7/238 + 205495609015*v1^4*v2^23*v3^10*v4^8/17136
- 6753352013*v1^4*v2^23*v3^9*v4^9/504 + 657508284601*v1^4*v2^23*v3^8*v4^10/8568
+ 1514340589*v1^4*v2^23*v3^7*v4^11/2016 + 4851334597*v1^4*v2^23*v3^6*v4^12/2448
- 77401485155*v1^4*v2^23*v3^5*v4^13/11424 - 10227426331*v1^4*v2^23*v3^4*v4^15/1071
+ 11845136338*v1^4*v2^23*v3^3*v4^14/1428 + 10373453803*v1^4*v2^23*v3^2*v4^16/34272
+ 2143088734*v1^4*v2^23*v3^1*v4^15/1071 - 98916800291*v1^4*v2^23*v3^0*v4^16/22848
- 22508142785*v1^4*v2^22*v3^14*v4^4/7616 + 114999698593*v1^4*v2^22*v3^13*v4^5/22848
+ 38797038081*v1^4*v2^22*v3^12*v4^6/7616 + 91770034451*v1^4*v2^22*v3^11*v4^7/9792

- 1016358975*v1^3*v2^12*v3^7*v4^3/952 - 48158894927*v1^3*v2^12*v3^6*v4^4/4896
- 232550590715*v1^3*v2^12*v3^5*v4^5/17136 - 87009902423*v1^3*v2^12*v3^4*v4^6/8568
+ 2043552719*v1^3*v2^11*v3^8*v4^3/4896 + 193070845361*v1^3*v2^11*v3^7*v4^4/17136
+ 36384879891*v1^3*v2^11*v3^6*v4^5/17136 + 364843329037*v1^3*v2^11*v3^5*v4^6/34272
+ 47006726837*v1^3*v2^11*v3^4*v4^7/34272 + 36054114517*v1^3*v2^10*v3^9*v4^3/3808
+ 49674891785*v1^3*v2^10*v3^8*v4^4/4284 - 99884027021*v1^3*v2^10*v3^7*v4^5/3808
- 18983205539*v1^3*v2^10*v3^6*v4^6/17136 - 1283103049*v1^3*v2^10*v3^5*v4^7/84
- 379840411451*v1^3*v2^10*v3^4*v4^8/34272 - 38364422823*v1^3*v2^9*v3^10*v4^3/3808
+ 142177946585*v1^3*v2^9*v3^9*v4^4/17136 + 1036017556325*v1^3*v2^9*v3^8*v4^5/34272
+ 15606329093*v1^3*v2^9*v3^7*v4^6/2016 + 527186882567*v1^3*v2^9*v3^6*v4^7/34272
+ 295436101085*v1^3*v2^9*v3^4*v4^9/34272 + 8245470659*v1^3*v2^8*v3^11*v4^3/1224
- 9026455941*v1^3*v2^8*v3^10*v4^4/1904 - 964179715729*v1^3*v2^8*v3^9*v4^5/34272
- 186974166173*v1^3*v2^8*v3^8*v4^6/34272 - 82300369663*v1^3*v2^8*v3^6*v4^8/11424
- 41612618335*v1^3*v2^8*v3^5*v4^9/2856 - 69023681389*v1^3*v2^8*v3^4*v4^10/34272
+ 309875385*v1^3*v2^7*v3^12*v4^3/476 - 128020247*v1^3*v2^7*v3^11*v4^4/1071
+ 826795339061*v1^3*v2^7*v3^10*v4^5/34272 + 68504834545*v1^3*v2^7*v3^9*v4^6/5712
+ 46014774067*v1^3*v2^7*v3^7*v4^8/8568 + 13402589645*v1^3*v2^7*v3^6*v4^9/2016
+ 33081566809*v1^3*v2^7*v3^5*v4^10/2856 - 59418039287*v1^3*v2^7*v3^4*v4^11/34272
- 89804585707*v1^3*v2^6*v3^13*v4^3/22848 + 266427933019*v1^3*v2^6*v3^12*v4^4/68544
+ 365425361779*v1^3*v2^6*v3^10*v4^6/68544 - 110820212771*v1^3*v2^6*v3^9*v4^7/68544
+ 513064297051*v1^3*v2^6*v3^8*v4^8/68544 - 1200347436329*v1^3*v2^6*v3^7*v4^9/68544
+ 552680558645*v1^3*v2^6*v3^6*v4^10/68544 - 117218033381*v1^3*v2^6*v3^5*v4^11/68544
+ 83257384717*v1^3*v2^6*v3^4*v4^12/9792 + 125273358769*v1^3*v2^5*v3^14*v4^3/22848
+ 473532070091*v1^10*v2^7*v3^3*v4^5/68544 - 44467516927*v1^10*v2^6*v3^6*v4^3/7616
+ 5272118358721*v1^10*v2^6*v3^5*v4^4/68544 + 1421792922353*v1^10*v2^6*v3^3*v4^6/68544
- 12458947265*v1^10*v2^5*v3^7*v4^3/952 - 335025671453*v1^10*v2^5*v3^5*v4^5/34272
- 954568946659*v1^10*v2^5*v3^4*v4^6/34272 - 8492230555*v1^10*v2^5*v3^3*v4^7/2016
+ 324554109277*v1^10*v2^4*v3^7*v4^4/34272 + 159920006233*v1^10*v2^4*v3^6*v4^5/34272
+ 314314380085*v1^10*v2^4*v3^5*v4^6/1904 + 44386536251*v1^10*v2^4*v3^4*v4^7/34272
- 20866308299*v1^10*v2^4*v3^3*v4^8/2016 - 732157597487*v1^10*v2^3*v3^9*v4^3/34272
- 117840076493*v1^10*v2^3*v3^8*v4^4/5712 - 37428794381*v1^10*v2^3*v3^7*v4^5/2448
+ 344994813563*v1^10*v2^3*v3^6*v4^6/11424 - 87806458367*v1^10*v2^3*v3^5*v4^7/4896
+ 249982567*v1^10*v2^3*v3^4*v4^8/56 - 429851567315*v1^10*v2^3*v3^3*v4^9/34272
- 2246483096047*v1^10*v2^3*v3^2*v4^10/34272 + 2353966045073*v1^10*v2^2*v3^3*v4^10/34272
+ 14833555765*v1^9*v2^10*v3^3*v4^3/1632 - 33328226263*v1^9*v2^9*v3^4*v4^3/11424
+ 17401249949*v1^9*v2^9*v3^3*v4^4/1428 - 227044011533*v1^9*v2^8*v3^5*v4^3/22848
+ 2204414136835*v1^9*v2^8*v3^4*v4^4/22848 - 1151564553599*v1^9*v2^8*v3^3*v4^5/68544
+ 464913480281*v1^9*v2^7*v3^6*v4^3/22848 - 34185930913*v1^9*v2^7*v3^5*v4^4/68544
+ 421347297641*v1^9*v2^7*v3^4*v4^5/22848 - 267876561619*v1^9*v2^6*v3^7*v4^3/34272
- 128749382185*v1^9*v2^6*v3^6*v4^4/34272 - 161396903*v1^9*v2^6*v3^4*v4^6/34272
- 924290194559*v1^9*v2^6*v3^3*v4^7/34272 + 198699633863*v1^9*v2^5*v3^8*v4^3/11424
+ 92336372005*v1^9*v2^5*v3^6*v4^5/5712 + 66859734023*v1^9*v2^5*v3^5*v4^6/5712
+ 1033426786457*v1^9*v2^5*v3^4*v4^7/34272 + 45970724797*v1^9*v2^5*v3^3*v4^8/4896
- 39782947459*v1^9*v2^5*v3^2*v4^9/11424 - 85800215447*v1^9*v2^4*v3^8*v4^4/8568
- 259694435813*v1^9*v2^4*v3^7*v4^5/1904 - 9694435813*v1^9*v2^4*v3^6*v4^6/2448
- 924238319591*v1^9*v2^4*v3^5*v4^7/34272 - 1976163781*v1^9*v2^4*v3^4*v4^8/714
+ 91618896077*v1^9*v2^4*v3^3*v4^9/11424 + 643115018827*v1^9*v2^3*v3^10*v4^3/34272
+ 172878247651*v1^9*v2^3*v3^8*v4^5/11424 + 161134279181*v1^9*v2^3*v3^7*v4^6/11424
+ 1023744814847*v1^9*v2^3*v3^6*v4^7/34272 + 75946305473*v1^9*v2^3*v3^5*v4^8/5712
- 1316365715943*v1^9*v2^3*v3^4*v4^9/11424 + 433212335645*v1^9*v2^3*v3^3*v4^10/34272
+ 3872445391*v1^9*v2^2*v3^5*v4^9/1428 - 254628627629*v1^8*v2^11*v3^3*v4^3/34272
+ 222394806475*v1^3*v2^7*v3^13*v4^2/68544 - 104633062313*v1^3*v2^6*v3^15*v4/11424
- 676746777717*v1^3*v2^6*v3^11*v4^2/34272 + 5791596893*v1^3*v2^5*v3^16*v4/1428
+ 435448407*v1^3*v2^5*v3^15*v4^2/544 - 54178514689*v1^3*v2^4*v3^17*v4/34272
+ 347438899*v1^3*v2^4*v3^16*v4^2/1008 + 24287359163*v1^3*v2^3*v3^18*v4/34272
- 184989239*v1^3*v2^3*v3^17*v4^2/612 - 625330549*v1^3*v2^2*v3^3^19*v4/2016
+ 3857526481*v1^3*v2^2*v3^18*v4^2/11424 + 6127014079*v1^3*v2^3*v3^20*v4/34272
- 158738219*v1^3*v2^2*v3^19*v4^2/4896 - 808019431*v1^2*v2^2*v3^19*v4^2/3808 + 100435171*v1^2*v3^22*v4/5712
+ 96476857*v1^2*v2^22*v3^2/3808 + 19782029*v2^3^22*v4^2/1632 + 96276880103*v1^2*v2^5*v3^4*v4^14/7616
- 26633660187*v1^2*v2^5*v3^3*v4^15/1904 + 678900815897*v1^2*v2^5*v3^2*v4^16/8568
- 19987837145*v1^2*v2^5*v3*v4^17/2856 + 20611619719*v1^2*v2^4*v3^16*v4^3/34272
+ 3591775187*v1^2*v2^4*v3^17*v4^2/4896 + 722654407*v1^2*v2^4*v3^16*v4^3/408
+ 11010398631*v1^2*v2^4*v3^14*v4^5/17136 - 37739397385*v1^2*v2^4*v3^13*v4^6/11424
+ 3197008551*v1^2*v2^4*v3^12*v4^7/22848 - 122535096695*v1^2*v2^4*v3^11*v4^8/68544
+ 17524204861*v1^2*v2^4*v3^10*v4^9/4032 - 14147388555*v1^2*v2^4*v3^9*v4^10/7616
- 132572061635*v1^2*v2^4*v3^8*v4^11/68544 + 216365145611*v1^2*v2^4*v3^7*v4^12/22848
- 89889152075*v1^2*v2^4*v3^6*v4^13/68544 + 352107543761*v1^2*v2^4*v3^5*v4^14/22848
- 408191286355*v1^2*v2^4*v3^4*v4^15/34272 + 6554429989*v1^2*v2^4*v3^3*v4^16/672
- 26381019199*v1^2*v2^4*v3^2*v4^17/4896 + 14203324379*v1^2*v2^4*v3^2*v4^18/3808
- 68973619*v1^2*v2^3*v3^19*v4/2016 + 4940304325*v1^2*v2^3*v3^18*v4^2/34272
- 347151001*v1^2*v2^3*v3^16*v4^4/612 + 46212934123*v1^2*v2^3*v3^15*v4^5/11424
- 17919570743*v1^2*v2^3*v3^14*v4^6/17136 + 117516123657*v1^2*v2^3*v3^13*v4^7/68544
- 580336018765*v1^2*v2^3*v3^12*v4^8/22848 + 2002129284073*v1^2*v2^3*v3^11*v4^9/68544
- 520012853801*v1^2*v2^3*v3^10*v4^10/22848 + 435363106681*v1^2*v2^3*v3^9*v4^11/22848
- 583101557653*v1^2*v2^3*v3^8*v4^12/68544 - 122591684105*v1^2*v2^3*v3^7*v4^13/68544
+ 499439383013*v1^2*v2^3*v3^6*v4^14/68544 - 5340642167*v1^2*v2^3*v3^5*v4^15/5712
+ 262506668609*v1^2*v2^3*v3^4*v4^16/34272 - 26880113665*v1^2*v2^3*v3^3*v4^17/4896
+ 6226362411*v1^2*v2^3*v3^2*v4^18/224 - 330609665*v1^2*v2^3*v3^2*v4^19/2016 + 5532924139*v1^2*v2^2*v3^20*v4/34272
+ 637385708*v1^2*v2^2*v3^18*v4^3/1071 - 42778541*v1^2*v2^2*v3^17*v4^4/476
- 855785745*v1^2*v2^2*v3^16*v4^5/5712 + 182434730897*v1^2*v2^2*v3^15*v4^6/34272
- 38489110333*v1^2*v2^2*v3^14*v4^7/3264 + 483833453105*v1^2*v2^2*v3^13*v4^8/22848
+ 700594447243*v1^2*v2^2*v3^12*v4^9/22848 + 2584584479173*v1^2*v2^2*v3^11*v4^10/68544
- 389582126663*v1^2*v2^2*v3^10*v4^11/9792 + 2537461615777*v1^2*v2^2*v3^9*v4^12/68544
- 33315831*v1^2*v2^21*v3^2*v4/252 - 113068135*v1^221*v3^3*v4^2/4896 - 184741103*v1^220*v3^3*v4/8568
- 842719*v1^220*v3^2*v4^2/232 + 498923691*v1^220*v3^3*v4^3/11424 + 1859658655*v1^219*v3^3*v4^4/11424
+ 754738577*v1^219*v3^3*v4^4/232 + 953973623*v1^219*v3^2*v4^4/3808 + 228846241*v1^219*v3^2*v4^4/1428
- 733654211*v1^218*v3^5*v4/1632 - 29205709831*v1^218*v3^4*v4^2/34272 - 4644226901*v1^218*v3^3*v4^3/4896
+ 1867651855*v1^218*v3^2*v4^4/2448 - 6962876593*v1^218*v3^2*v4^5/8568 + 3726969541*v1^217*v3^6*v4/4284
+ 71110629881*v1^217*v3^5*v4^2/34272 + 16673120561*v1^217*v3^4*v4^3/5712
+ 32610519757*v1^217*v3^3*v4^4/17136 + 36579659335*v1^217*v3^2*v4^5/17136 + 560167145*v1^217*v3^2*v4^6/238
+ 148816656683*v1^5*v2^7*v3^6*v4^7/8568 + 64132312675*v1^5*v2^7*v3^4*v4^9/5712
+ 16120433057*v1^5*v2^7*v3^3*v4^10/816 - 321857091679*v1^5*v2^6*v3^11*v4^3/17136
- 19225466479*v1^5*v2^6*v3^10*v4^4/2142 - 13528470119*v1^5*v2^6*v3^8*v4^6/2856
- 25135240247*v1^5*v2^6*v3^7*v4^7/1428 - 497656271*v1^5*v2^6*v3^6*v4^8/153
- 45725044385*v1^5*v2^6*v3^4*v4^10/34272 - 243713915911*v1^5*v2^6*v3^3*v4^11/8568
+ 229943391725*v1^5*v2^5*v3^12*v4^3/17136 + 344640685169*v1^5*v2^5*v3^10*v4^5/34272
+ 33130059857*v1^5*v2^5*v3^9*v4^6/8568 + 33804900043*v1^5*v2^5*v3^8*v4^7/2856
+ 1187415041*v1^5*v2^5*v3^7*v4^8/204 + 126282604045*v1^5*v2^5*v3^6*v4^9/17136
+ 22929873259*v1^5*v2^5*v3^4*v4^11/4896 + 796358187685*v1^5*v2^5*v3^3*v4^12/34272
- 11319124553*v1^5*v2^4*v3^12*v4^4/4032 - 560298735911*v1^5*v2^4*v3^11*v4^5/68544
+ 2908011729*v1^5*v2^4*v3^10*v4^6/9792 - 1160122973627*v1^5*v2^4*v3^9*v4^7/68544
+ 1162511130971*v1^5*v2^4*v3^8*v4^8/22848 - 460630102327*v1^5*v2^4*v3^7*v4^9/22848
+ 7785043201*v1^5*v2^4*v3^6*v4^10/7616 + 749972622103*v1^5*v2^4*v3^4*v4^12/68544
- 70226724503*v1^5*v2^4*v3^3*v4^13/4032 + 133381174825*v1^5*v2^4*v3^2*v4^13/22848
+ 80839418585*v1^5*v2^4*v3^13*v4^4/68544 + 11569807411*v1^5*v2^3*v3^12*v4^5/4032
+ 42549086173*v1^5*v2^3*v3^11*v4^6/22848 + 637194124919*v1^5*v2^3*v3^10*v4^7/68544
- 265949670543*v1^5*v2^3*v3^9*v4^8/68544 + 844747971545*v1^5*v2^3*v3^8*v4^9/68544
- 303159107045*v1^5*v2^3*v3^7*v4^10/68544 + 691403448499*v1^5*v2^3*v3^6*v4^11/68544
+ 71328918887*v1^5*v2^3*v3^4*v4^13/7616 + 880828152823*v1^5*v2^3*v3^3*v4^14/68544
+ 5377476133*v1^5*v2^2*v3^13*v4^5/17136 - 716719475*v1^4*v2^15*v3^3*v4^3/714
- 13410465193*v1^4*v2^15*v3^2*v4^4/5712 + 123277189111*v1^4*v2^14*v3^3*v4^4/34272
+ 33849808765*v1^4*v2^13*v3^5*v4^3/22848 - 122331295601*v1^4*v2^13*v3^3*v4^5/22848
- 161252003329*v1^4*v2^12*v3^6*v4^3/68544 + 999856025597*v1^4*v2^12*v3^5*v4^4/68544
+ 672199961467*v1^4*v2^12*v3^3*v4^6/68544 - 5426070025*v1^4*v2^11*v3^7*v4^3/4284
- 615701415017*v1^4*v2^11*v3^6*v4^4/34272 - 35540825161*v1^4*v2^11*v3^5*v4^5/4896
- 40153918489*v1^4*v2^11*v3^3*v4^7/4284 + 10880557739*v1^4*v2^10*v3^8*v4^3/3808
+ 299594144603*v1^4*v2^10*v3^7*v4^4/11424 + 5841607330*v1^4*v2^10*v3^6*v4^5/1071
+ 472054408135*v1^4*v2^10*v3^5*v4^6/34272 + 246817797523*v1^4*v2^10*v3^3*v4^8/17136

+ 298170424681*v1^4*v2^11*v3^8*v4^2/68544 + 2125886275*v1^2*v2^20*v3^2*v4/17136
+ 310924503*v1^2*v2^20*v3*v4^2/1904 + 15600764855*v1^4*v2^10*v3^10*v4/68544
- 76381906633*v1^4*v2^10*v3^9*v4^2/9792 - 230673527759*v1^4*v2^9*v3^11*v4/68544
+ 566662542317*v1^4*v2^9*v3^10*v4^2/68544 + 238694045063*v1^4*v2^8*v3^12*v4/68544
- 293186931565*v1^4*v2^8*v3^11*v4^2/68544 - 212545108775*v1^4*v2^7*v3^13*v4/68544
- 1507187917*v1^4*v2^7*v3^12*v4^2/3264 + 143708063111*v1^4*v2^6*v3^14*v4/68544
+ 95134325827*v1^4*v2^6*v3^13*v4^2/22848 - 3476030657*v1^4*v2^5*v3^15*v4/2448
- 26281634663*v1^4*v2^5*v3^14*v4^2/5712 + 7116371107*v1^4*v2^4*v3^16*v4/8568
+ 5418001471*v1^4*v2^4*v3^15*v4^2/1632 - 25086497747*v1^4*v2^3*v3^17*v4/34272
- 3104479453*v1^4*v2^3*v3^16*v4^2/2856 + 832933013*v1^4*v2^2*v3^18*v4/2142
+ 951959333*v1^4*v2^2*v3^17*v4^2/2448 - 427136753*v1^4*v2*v3^19*v4/1224 + 10613049077*v1^4*v2*v3^18*v4^2/34272
+ 5529109711*v1^3*v2^20*v3*v4/34272 - 479011165*v1^3*v2^19*v3^2*v4/2016 - 9705922781*v1^3*v2^19*v3*v4^2/34272
+ 772716617*v1^3*v2^18*v3^2*v4^2/1904 + 19356682361*v1^3*v2^17*v3^4*v4/34272
- 4594355287*v1^3*v2^16*v3^5*v4/2016 + 967661989*v1^3*v2^16*v3^4*v4^2/4896
+ 11824393385*v1^3*v2^15*v3^6*v4/1632 + 1652821433*v1^3*v2^15*v3^5*v4^2/11424
- 1114232728783*v1^3*v2^14*v3^7*v4/68544 - 3081296013*v1^3*v2^14*v3^6*v4^2/7616
+ 215919130717*v1^3*v2^11*v3^4*v4^2/68544 - 3181859537*v1^3*v2^10*v3^6*v4/1088
- 17441182361*v1^3*v2^10*v3^6*v4^2/9792 + 24137460605*v1^3*v2^9*v3^7*v4/5712
- 145650266039*v1^3*v2^9*v3^6*v4^2/8568 + 137998926619*v1^3*v2^8*v3^7*v4^2/11424
- 56558135105*v1^3*v2^7*v3^9*v4/8568 + 254419857885*v1^3*v2^6*v3^10*v4/34272
+ 12813843068*v1^3*v2^6*v3^9*v4^2/1071 - 46253968273*v1^3*v2^5*v3^11*v4/4896
- 16302696187*v1^3*v2^5*v3^10*v4^2/1071 + 235127964695*v1^3*v2^4*v3^12*v4/34272
+ 438989750269*v1^3*v2^4*v3^11*v4^2/34272 - 87123274751*v1^3*v2^3*v3^13*v4/11424
- 496272128419*v1^3*v2^3*v3^12*v4^2/34272 + 44337849281*v1^3*v2^2*v3^14*v4/11424
+ 52727044775*v1^3*v2^2*v3^13*v4^2/5712 - 59861580085*v1^3*v2*v3^15*v4/17136
- 26649648833*v1^3*v2*v3^14*v4^2/34272 + 5321065105*v1^3*v2^16*v3*v4/2016
- 75262353899*v1^3*v2^15*v3^2*v4/34272 + 50278858505*v1^3*v2^15*v3*v4^2/34272
- 40970407655*v1^3*v2^14*v3^3*v4/4032 + 34122933139*v1^3*v2^14*v3^2*v4^2/3264
+ 111043403633*v1^3*v2^13*v3^4*v4/9792 - 166168929593*v1^3*v2^13*v3^3*v4^2/9792
- 13654958579*v1^3*v2^12*v3^5*v4/7616 - 161542740335*v1^3*v2^12*v3^4*v4^2/68544
+ 905917128497*v1^3*v2^11*v3^6*v4/9792 + 119272693213*v1^3*v2^11*v3^5*v4^2/68544
+ 105163149005*v1^3*v2^11*v3^4*v4^2/17136 - 46024340401*v1^3*v2^10*v3^2*v4/17136
- 193705310237*v1^3*v2^10*v3^2*v4^2/34272 + 44026059965*v1^3*v2^9*v3^2*v4^2/4896
+ 144046524911*v1^3*v2^9*v3^2*v4^2/17136 - 247740796159*v1^3*v2^9*v3^2*v4^2/34272
- 479517128497*v1^3*v2^9*v3^2*v4^2/17136 + 163569336355*v1^3*v2^9*v3^2*v4^2/17136
+ 635098669003*v1^3*v2^9*v3^2*v4^2/10/34272 - 223445755811*v1^3*v2^8*v3^2*v4^2/10/34272
- 20307960437*v1^3*v2^8*v3^2*v4^2/3808 + 358238653907*v1^3*v2^8*v3^2*v4^2/17136
- 129094002707*v1^3*v2^8*v3^2*v4^2/17136 - 132351420913*v1^3*v2^8*v3^2*v4^2/34272
+ 1034218151*v1^3*v2^8*v3^2*v4^2/8568 - 16370669975*v1^3*v2^8*v3^2*v4^2/4896
+ 972483149*v1^3*v2^8*v3^2*v4^2/1904 + 149677170637*v1^3*v2^8*v3^2*v4^2/68544
+ 91970666657*v1^3*v2^8*v3^2*v4^2/8/11424 - 7379977345*v1^3*v2^8*v3^2*v4^2/8/1904
- 286802973031*v1^3*v2^8*v3^2*v4^2/17136 + 587139364697*v1^3*v2^8*v3^2*v4^2/34272
+ 295490693635*v1^3*v2^7*v3^3*v4^2/10/17136 - 1151974216*v1^3*v2^7*v3^2*v4^2/10/357
- 45413315197*v1^3*v2^7*v3^2*v4^2/11/2448 - 286415657665*v1^3*v2^7*v3^2*v4^2/11/34272
+ 57111048429*v1^3*v2^7*v3^2*v4^2/12/238 + 36418117489*v1^3*v2^7*v3^2*v4^2/12/4896
- 60258522177*v1^3*v2^7*v3^2*v4^2/13/17136 + 168624324901*v1^3*v2^7*v3^2*v4^2/13/8568
+ 9590378889*v1^3*v2^7*v3^2*v4^2/14/544 + 13274171753*v1^3*v2^7*v3^2*v4^2/14/1224
- 56427540779*v1^3*v2^7*v3^2*v4^2/15/5712 - 93525228487*v1^3*v2^7*v3^2*v4^2/15/8568
+ 328721387317*v1^3*v2^7*v3^2*v4^2/16/34272 + 55564474795*v1^3*v2^7*v3^2*v4^2/16/4032
- 60163474723*v1^3*v2^7*v3^2*v4^2/16/7616 + 1028848856855*v1^3*v2^7*v3^2*v4^2/16/68544
- 586670813621*v1^3*v2^7*v3^2*v4^2/16/8544 + 212064224747*v1^3*v2^7*v3^2*v4^2/16/92848
+ 209718133217*v1^3*v2^7*v3^2*v4^2/16/8544 - 310719786017*v1^3*v2^7*v3^2*v4^2/16/8544
+ 940966991419*v1^3*v2^7*v3^2*v4^2/16/8544 - 69866991419*v1^3*v2^7*v3^2*v4^2/16/8544
+ 48556479485*v1^3*v2^7*v3^2*v4^2/16/34272 - 231580039015*v1^3*v2^7*v3^2*v4^2/16/11424
- 29623869571*v1^3*v2^7*v3^2*v4^2/16/17136 + 2325249461*v1^3*v2^7*v3^2*v4^2/16/7/476
- 327854758481*v1^3*v2^7*v3^2*v4^2/16/34272 + 62583077365*v1^3*v2^7*v3^2*v4^2/16/11424
- 9858933349*v1^3*v2^7*v3^2*v4^2/16/4284 - 134399554157*v1^3*v2^7*v3^2*v4^2/16/17136
+ 193658154811*v1^3*v2^7*v3^2*v4^2/16/17136 - 192667499621*v1^3*v2^7*v3^2*v4^2/16/13/11424
+ 212991004405*v1^3*v2^7*v3^2*v4^2/16/17136 + 6820314479*v1^3*v2^7*v3^2*v4^2/16/3/2448
+ 133181008139*v1^3*v2^7*v3^2*v4^2/16/5712 + 254083327465*v1^3*v2^7*v3^2*v4^2/16/8568
+ 33614165479*v1^3*v2^7*v3^2*v4^2/16/34272 - 78599696655*v1^3*v2^7*v3^2*v4^2/16/17136
+ 71558065225*v1^3*v2^7*v3^2*v4^2/16/11424 - 48205346953*v1^3*v2^7*v3^2*v4^2/16/9/4896
+ 3896022415*v1^3*v2^7*v3^2*v4^2/16/288 - 55726126963*v1^3*v2^7*v3^2*v4^2/16/4284
+ 462743470355*v1^3*v2^7*v3^2*v4^2/16/34272 - 680910095*v1^3*v2^7*v3^2*v4^2/16/13/63
+ 377964888799*v1^3*v2^7*v3^2*v4^2/16/34272 - 30824597855*v1^3*v2^7*v3^2*v4^2/16/34272
- 56540896217*v1^3*v2^7*v3^2*v4^2/16/34272 + 768025652323*v1^3*v2^7*v3^2*v4^2/16/34272
- 4633185983*v1^3*v2^7*v3^2*v4^2/16/336 + 647720179*v1^3*v2^7*v3^2*v4^2/16/48 + 31113966691*v1^3*v2^7*v3^2*v4^2/16/8568
+ 85790489525*v1^3*v2^7*v3^2*v4^2/16/4032 + 8104417543*v1^3*v2^7*v3^2*v4^2/16/2448
- 101412145*v1^3*v2^7*v3^2*v4^2/16/408 - 16692694603*v1^3*v2^7*v3^2*v4^2/16/17136
+ 56298269611*v1^3*v2^7*v3^2*v4^2/16/5712 - 4257256574*v1^3*v2^7*v3^2*v4^2/16/3/357
+ 37742138513*v1^3*v2^7*v3^2*v4^2/16/3808 + 53155490009*v1^3*v2^7*v3^2*v4^2/16/7616
- 29623680571*v1^3*v2^7*v3^2*v4^2/16/1344 - 17481727949*v1^3*v2^7*v3^2*v4^2/16/3/3264
- 995029899821*v1^3*v2^7*v3^2*v4^2/16/68544 + 736851993995*v1^3*v2^7*v3^2*v4^2/16/68544
- 41110299151*v1^3*v2^7*v3^2*v4^2/16/34272 - 7706226509*v1^3*v2^7*v3^2*v4^2/16/1344
- 23778338031*v1^3*v2^7*v3^2*v4^2/16/153 + 1734660829*v1^3*v2^7*v3^2*v4^2/16/504
- 749788086181*v1^3*v2^7*v3^2*v4^2/16/34272 - 13982083567*v1^3*v2^7*v3^2*v4^2/16/7616
- 78469692655*v1^3*v2^7*v3^2*v4^2/16/8568 + 207662214857*v1^3*v2^7*v3^2*v4^2/16/34272
+ 283495188743*v1^3*v2^7*v3^2*v4^2/16/4/34272 + 100214907319*v1^3*v2^7*v3^2*v4^2/16/5/17136
+ 674637065*v1^3*v2^7*v3^2*v4^2/16/11424 + 1665107509*v1^3*v2^7*v3^2*v4^2/16/544
+ 34496934319*v1^3*v2^7*v3^2*v4^2/16/17136 - 15756919337*v1^3*v2^7*v3^2*v4^2/16/2448
- 10374756391*v1^3*v2^7*v3^2*v4^2/16/2016 + 119627682859*v1^3*v2^7*v3^2*v4^2/16/2856
- 819329830691*v1^3*v2^7*v3^2*v4^2/16/34272 - 862799895325*v1^3*v2^7*v3^2*v4^2/16/34272
- 52882867643*v1^3*v2^7*v3^2*v4^2/16/2448 - 117816723103*v1^3*v2^7*v3^2*v4^2/16/5712
- 22333779315*v1^3*v2^7*v3^2*v4^2/16/952 - 56763955513*v1^3*v2^7*v3^2*v4^2/16/1428
- 696491202419*v1^3*v2^7*v3^2*v4^2/16/34272 - 62117428181*v1^3*v2^7*v3^2*v4^2/16/2448 + 157447333999*v1^3*v2^7*v3^2*v4^2/16/5712
- 162356492995*v1^3*v2^7*v3^2*v4^2/16/34272 - 15487266433*v1^3*v2^7*v3^2*v4^2/16/2448
- 347084073815*v1^3*v2^7*v3^2*v4^2/16/34272 - 69125719057*v1^3*v2^7*v3^2*v4^2/16/17136
+ 182752709285*v1^3*v2^7*v3^2*v4^2/16/34272 + 107980052423*v1^3*v2^7*v3^2*v4^2/16/8/34272
- 170253537317*v1^3*v2^7*v3^2*v4^2/16/2856 + 272584945709*v1^3*v2^7*v3^2*v4^2/16/11424
+ 186177437651*v1^3*v2^7*v3^2*v4^2/16/1428 + 29880458899*v1^3*v2^7*v3^2*v4^2/16/1428
+ 660018132769*v1^3*v2^7*v3^2*v4^2/16/34272 + 171025287971*v1^3*v2^7*v3^2*v4^2/16/8568
+ 275508406151*v1^3*v2^7*v3^2*v4^2/16/17136 + 2345460261*v1^3*v2^7*v3^2*v4^2/16/112 + 2850434777*v1^3*v2^7*v3^2*v4^2/16/72
+ 165285164735*v1^3*v2^7*v3^2*v4^2/16/8568 - 77396292625*v1^3*v2^7*v3^2*v4^2/16/17136]

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