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#### 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), LOMI_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)*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
+ 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*v2^6 + 1135*v1^6*v2^7 - 948*v1^5*v2^8 - 606*v1^4*v2^9 - 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 + 166866*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)*23*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 + 488669*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*v1^24 - 351*v1^25*v2
+ 2951*v1^24*v2^2 - 17850*v1^23*v2 + 2324*v1^22*v2^2 - 308913*v1^21*v2^5 + 942953*v1^20*v2^6
- 2406240*v1^19*v2^7 + 520524*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 + 41287213*v1^12*v2^14 - 1928949*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*v2 + 2*v2*v3 - 1/2*v3*v2,
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*v2 + 109/16*v1^3*v3*v1 + 75/8*v1^2*v3*v1 - 291/16*v1^3*v2*v1 + 61/8*v1^3*v3*v1 - 2*v2*v4 + 115/16*v1^2*v3*v3
- 51/8*v1^2*v2^3*v2 + 115/16*v1^3*v3*v2 - 2*v3^4,
LOMI_9_3 = -2189/72*v1^5*v2
- 461/72*v1^2*v3*v1 - 59*v1^3*v3*v2*v2 + 46*v1^3*v3*v1^2*v2 + 1567/36*v3^3*v2*v2*v1 - 53/36*v2^2*v1^3*v3*v3
+ 551/36*v3^2*v1^2*v1 - 313/36*v1^5*v3*v2 + 1159/72*v1^5*v3*v2 - 559/24*v1^2*v4*v3*v2 + 559/18*v2^3*v3*v3
- 559/24*v2^2*v3*v4 - 25/6*v2^6 + 28/3*v1^6 + 845/24*v1^4*v2*v2 - 328/9*v1^3*v2*v3 + 341/24*v1^2*v2*v4
+ 121/12*v1^4*v3*v2 - 115/12*v1^3*v3*v2 - 131/12*v1^2*v3*v2 + 593/36*v1^2*v3*v3*v2 + 1/3*v1^2*v2*v2*v3*v2
+ 439/36*v1^2*v2^4*v3*v3 - 1567/36*v1^2*v3*v3*v2 - 3319/72*v1*v2*v3*v4 + 25/6*v3^6 + 2513/72*v1^4*v3*v2,
LOMI_11_3 = -7*v3^8 - 13813/240*v1^7*v2 - 613/240*v2^7*v1 - 7*v2*v8 + 15*v1^8
+ 298/3*v1^6*v2^2 - 415/30*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*v2^7*v3 - 361/6*v2^6*v3^2 - 229/6*v1^2*v3^6 + 3373/120*v1*v3^7
+ 1468/15*v2^5*v3^3 - 2599/24*v1^4*v3^4 + 1468/15*v2^4*v3^5 - 361/6*v2^5*v3^6 - 7307/240*v2^3*v3^7
- 95/12*v1^4*v3*v2 + 125/30*v1^3*v3^2 - 727/30*v1^5*v3^3 + 7503/30*v1^6*v3*v2 - 882/5*v1^5*v3*v2
- 5037/10*v1^5*v3*v2*v1 - 7897/80*v1^3*v6*v2*v1 + 11243/80*v3^5*v2*v1
+ 2949/80*v2^5*v3*v2 - 5851/80*v2^5*v3*v2 + 3613/48*v1^4*v2^3*v3 + 917/12*v1^4*v2^3*v3
- 167/16*v1^3*v2^4*v3 - 289/21*v1^2*v3*v2 - 10/3*v1^2*v2^4*v3*v2 + 237/40*v1^2*v6*v3 + 103*v1^2*v2^3*v3
- 865/12*v1^2*v2^2*v3^4 - 8795/48*v1^2*v3*v3^4 + 2033/16*v1^2*v3^4 + 584/3*v1^4*v2*v3^4
+ 85/2*v1^3*v2^2*v3^3 - 604/3*v1^3*v2*v3^4,
LOMI_13_3 = -615/63*v1^19*v2 + 398/63*v1^20*v2 + 215/18*v1^21*v2 - 21/2*v1^20 + 22*v1^19*v2 - 22/2*v1^18*v2^2 - 32203/72*v1^5*v2^5 + 3997/18*v1^8*v2^6
- 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*v1^9*v3 - 2321/18*v1^8*v2^3 + 2813/24*v1^7*v2^4 - 2179/30*v1^3*v2^5 + 101/6*v1^2*v2^6
- 13079/36*v2^6*v3^4 - 30041/72*v1^5*v3^5 - 13079/36*v2^4*v3^6 + 254837/1008*v2^7*v3^7
+ 6529/126*v1^6*v2^3*v3^9 - 7199/126*v1^5*v3^2 + 26635773*v1^13*v2^13 + 41287213*v1^12*v2^14 - 1928949*v1^11*v2^15
- 1115/9*v1^4*v3^6 + 73267/504*v1^3*v3^7 - 70877/504*v1^7*v3^3 + 335047/1008*v3^7*v2*v1^2 - 11783/63*v1^8*v2*v1
+ 355561/1008*v3^7*v2*v1^2 + 26393/126*v1^5*v3^2*v1 - 457795/1008*v1^7*v2^2*v2 - 253775/1008*v1^7*v3^2*v2^2
+ 12899/126*v2^7*v3*v1^2 - 10033/126*v2^7*v3*v2 + 46757/144*v1^6*v2^3*v3 + 56575/144*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*v1^1*v2^8*v3
+ 2005/9*v1^2*v2^6*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*v1^6*v2^3*v3^3 - 2437/18*v1^5*v2^3*v3^2 + 88279/144*v1^4*v2^4*v3^4 - 82411/144*v1^2*v3^4
+ 30527/48*v1^6*v2^3*v3^3 - 7849/48*v1^5*v2^2*v3^3 - 5581/72*v1^5*v2^3*v3^4 - 331/8*v1^4*v2^3*v3^4
+ 52297/72*v1^4*v2^3*v3^5 + 16175/48*v1^3*v2^2*v3^5 - 27817/48*v1^3*v2*v3^6 + 61109/144*v1^4*v2^3*v3^4
+ 11035/72*v1^3*v2^4*v3^3 - 83035/144*v1^3*v2*v3^4,
LOMI_15_3 = -1020993/560*v1^7*v2^5 - 77645/560*v1^11*v2 + 105541/5040*v2^11*v1 + 407941/5040*v2^11*v3
- 68067/280*v1^2*v3^2 - 26293/140*v1^2*v3^3 + 186779/2520*v1^3*v3^4 + 408743/720*v1^2*v3^5
- 55905/56*v1^2*v3^4 + 78507/560*v1^2*v3^5 - 187129/120*v1^2*v3^6 + 78507/560*v1^2*v3^7 - 55905/56*v1^2*v3^8
+ 408743/720*v1^2*v3^9 - 68067/280*v1^2*v3^10 + 407941/5040*v2^2*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
+ 118273/280*v1^5*v3^7 - 13927/28*v1^4*v3^8 + 134857/360*v1^3*v3^9 - 44/3*v1^2*v2^12 + 91/3*v1^12
+ 120933/280*v1^10*v2^2 - 677737/720*v1^9*v2^3 + 38315/56*v1^8*v2^4 + 198071/120*v1^6*v2^6
- 620593/560*v1^5*v2^7 + 27759/56*v1^4*v2^8 - 88057/720*v1^3*v2^9 - 6467/280*v1^2*v2^10 - 44/3*v1^2*v3^12
+ 2041979/5040*v1^10*v3^2 - 1691539/1680*v1^9*v3^2*v2 + 1726799/520*v1^9*v3*v2^2 + 246859/1008*v2^9*v3*v1^2
- 36181/1008*v2^9*v3^2*v1 + 357809/336*v1^8*v2^3*v3^3 + 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*v2^5*v3 + 19309/12*v1^6*v2^4*v3^2 - 22647/40*v1^5*v2^6*v3
- 119673/80*v1^5*v2^5*v3^3 + 724231/1680*v1^4*v2^7*v3 + 36901/60*v1^4*v2^6*v3^2 - 26878/105*v1^3*v2^8*v3
- 627509/1680*v1^3*v2^7*v3^2 - 1562/7*v1^2*v2^8*v3^2 - 187259/2520*v1^2*v10*v3 + 901291/1680*v1^2*v2^7*v3^3
- 39539/60*v1^2*v2^6*v3^4 + 98727/80*v1^2*v2^5*v3^5 - 16571/12*v1^2*v2^4*v3^6 - 123713/80*v1^2*v2^3*v3^7
- 7178/7*v1^2*v2^3*v3^2 + 39272/105*v1^2*v2^4*v3^3 - 1886489/1680*v1^2*v2^7*v3^4 + 75353/40*v1^2*v2^6*v3^5
- 187197/80*v1^2*v2^5*v3^4 + 441073/210*v1^2*v2^4*v3^7 - 500671/336*v1^2*v2^3*v3^8 + 978361/560*v1^2*v2^4*v3^5
- 123049/105*v1^7*v2^2*v3^3 - 40487/16*v1^7*v2*v3^4 + 7669/10*v1^6*v2^2*v3^4 + 232571/80*v1^6*v2*v3^5

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$+ 10513/40*v1^5*v2^2*v3^5 - 225029/80*v1^5*v2*v3^6 - 9491/10*v1^4*v2^2*v3^6 + 35017/16*v1^4*v2*v3^7$
 $+ 143126/105*v1^3*v2^2*v3^7 - 805239/560*v1^3*v2*v3^8 + 144331/80*v1^6*v2^3*v3^3 - 58109/120*v1^5*v2^4*v3^3$
 $- 170581/80*v1^5*v2^3*v3^4 + 191401/240*v1^4*v2^5*v3^2 - 1/3*x1^4*v2^4*x3^4 + 149739/80*v1^4*v2^3*v3^5$
 $+ 11709/40*v1^3*v2^6*v3^3 - 332759/240*v1^3*v2^5*v3^4 + 160291/120*v1^3*v2^4*v3^5 - 167669/80*v1^3*v2^3*v3^6$
 $+ 1213181/1680*v1^3*v2*x1^2 - 1662421/5040*v1^3*x10*x2*x1 - 1924681/2520*v3^9*v2^2*x1,$
LOMI_17_3 = -8298563/1440*v1^9*x2^5 - 13733/60*x1^13*x2 + 2587/50*x2^13*x1
 $- 39/2*x1^4 + 40*x1^4 - 747773/120*v1^7*x2^7 + 135097/96*v2^11*x2^2*x1^2 - 2169/4*v3^12*x2^2*x1$
 $+ 142679/96*v3^11*x2^2*x1^2 - 805239/560*v1^3*x2*v3^8 + 144331/80*v1^6*v2^3*v3^3 - 58109/120*v1^5*v2^4*v3^3$
 $+ 1083/2*x2^2*x1^11*x3*x1^2 + 267/2*x2^2*x1^3*x2^1 + 412959/1440*v1^10*x2^3*x3 + 4728061/1440*v1^10*x2^2*x3^2$
 $- 610377/160*v1^9*x2^2*x1^3 - 2005489/360*x1^9*x2^3*x2^2 - 666017/160*x1^8*x2^5*x3^2 + 147817/96*v1^11*x3*x2^2$
 $- 1424233/120*v1^7*x2^6*x3^2 - 3243967/480*v1^7*x2^5*x3^2 - 75847/30*x1^6*x2^7*x3 + 3605549/720*x1^6*x2^6*x3^2$
 $- 25829/16*x1^5*x2^8*x3^2 - 322475/96*x1^5*x2^7*x3^2 - 217973/240*x1^4*x2^8*x3^2 - 187549/240*x1^3*x2^10*x3$
 $- 166613/1440*x1^3*x2^9*x3^2 - 516781/720*x1^2*x2^10*x3^2 - 345/2*x1^2*x2^12*x3^2 + 2036587/1440*x1^2*x2^9*x3^3$
 $- 441223/240*x1^2*x2^8*x3^4 + 304213/96*x1^2*x2^7*x3^5 - 315939/720*x1^2*x2^6*x3^6$
 $+ 2753633/480*x1^2*x2^5*x3^7 - 2613437/480*x1^2*x2^4*x3^8 + 1617551/360*x1^2*x2^3*x3^9$
 $- 3693085/1440*x1^2*x2^2*x3^10 + 81731/240*x1^2*x10*x3^3 - 698093/360*x1^2*x2^9*x3^4 - 217913/30*x1^2*x2^7*x3^6$
 $+ 1036207/120*x1^2*x2^6*x3^7 - 1289663/160*x1^2*x2^5*x3^8 + 934583/160*x1^2*x2^4*x3^9 - 4879081/1440*x1^2*x2^3*x3^10$
 $+ 72091/16*x1^2*x2^8*x3^5 + 439417/368*x1^4*x2^9*x3 + 1201163/288*x1^10*x2^3*x3 - 700239/160*x1^9*x2^2*x3^3$
 $- 2033495/288*x1^9*x2^3*x3^4 - 2174443/480*x1^8*x2^4*x3^4 - 154813/160*x1^8*x2*x3^5 - 570389/240*x1^7*x2^2*x3^5$
 $- 267895/24*x1^7*x2^3*x6 - 266949/360*x1^6*x2*x3^2 - 257201/24*x1^6*x2*x3^7 - 861691/240*x1^5*x2^2*x3^7$
 $- 1386767/160*x1^5*x2*x3^8 - 2174837/480*x1^4*x2^3*x3^8 - 1658089/288*x1^4*x2*x3^9 + 665201/160*x1^3*x2^2*x3^9$
 $- 923701/288*x1^3*x2*x3^10 + 265389/140*x1^2*x3^3*x3 - 366737/80*x1^7*x2^4*x3^3 - 3850867/480*x1^7*x2^3*x3^4$
 $+ 2602583/480*x1^6*x2^5*x3^3 + 2354537/270*x1^6*x2^4*x3^4 + 376007/480*x1^6*x2^3*x3^5$
 $- 52939/48*x1^5*x2^6*x3^3 - 2530511/480*x1^5*x2^5*x3^4 + 303971/240*x1^5*x2^4*x3^5 - 3931753/480*x1^5*x2^3*x3^6$
 $+ 788569/480*x1^4*x2^7*x3^3 + 31723/360*x1^4*x2^6*x3^4 + 1924849/480*x1^4*x2^5*x3^5$
 $- 2418163/220*x1^4*x2^4*x3^6 + 3468639/140*x1^3*x2^3*x7 + 1531/20*x1^3*x2^8*x3^3 - 1267751/480*x1^3*x2^7*x3^4$
 $+ 186965/48*x1^3*x2^6*x3^3 - 3176137/480*x1^3*x2^5*x3^6 + 510463/80*x1^3*x2^4*x3^7 - 268411/40*x1^3*x2^3*x3^8$
 $+ 22841/30*x1^12*x2^2*x1^2 - 39/2*x1^2*x2^12*x3 - 913133/240*x1^10*x2^4*x1^2 + 542763/80*x1^8*x2^6$
 $+ 348283/80*x1^6*x2^2*x3 - 3206723/1440*x1^5*x2^9 + 170573/240*x1^4*x2^10*x3^4 + 83347/1440*x1^3*x2^11$
 $- 2659/30*x1^2*x2^6*x2^2 - 39/2*x1^2*x2^12*x3 - 6302/15*x2^2*x2^12*x3^2 - 10207/30*x1^2*x3^12$
 $+ 1654/15*x1*x3^13 + 1642493/1440*x2*x11*x3^3 - 569947/240*x2*x10*x3^4 + 516237/1440*x2*x9*x3^5$
 $- 428957/80*x1^8*x2^3*x6 - 711847/120*x2^7*x3^7 - 428957/80*x2^6*x3^8 + 5716237/1440*x2^5*x3^9$
 $+ 569947/240*x2^4*x3^10 + 1642493/1440*x2^3*x3^11 - 6302/15*x2^2*x3^12 + 7177/60*x2*x3^13 - 2426/15*x1^13*x3$
 $+ 15293/30*x1^2*x2^3*x2^2 + 199807/120*x1^10*x3^4 - 1254037/720*x1^9*x3^5 + 40377/40*x1^8*x3^6 + 18023/60*x1^7*x3^7$
 $- 56863/40*x1^6*x3^8 - 1291883/720*x1^5*x3^9 - 171473/120*x1^4*x3^10 + 592027/720*x1^3*x3^11$
 $- 77885/720*x1^11*x3^3,$
LOMI_19_3 = -1022117/40*x1^9*x2^7 - 675391/44*x1^11*x2^5
 $- 286081/880*x1^15*x2 - 65039/880*x1^2*x15*x1 - 25*x2^16 + 51*x1^16 + 1087061/80*x1^8*x2^7*x3$
 $+ 971059/18*x1^8*x2^6*x3^2 + 171085/8*x1^8*x2^4*x3^3 + 165917/8*x1^8*x2^4*x3^4 + 238915/8*x1^8*x2^3*x3^5$
 $+ 43822/5*x1^8*x2^2*x3^6 + 1707347/40*x1^8*x2*x3^7 + 274883/220*x1^14*x2^2 - 29745/8*x1^13*x2^3$
 $+ 747103/88*x1^12*x2*x4 + 884229/40*x1^10*x2^6*x3 + 188603/8*x1^8*x2*x3^2 - 686197/40*x1^7*x2^2*x9 + 380349/40*x1^6*x2^10$
 $- 163759/44*x1^5*x2^2*x11 + 64927/88*x1^4*x2^2*x12 + 1263/8*x1^3*x2^13 - 44887/220*x1^2*x2^14$
 $+ 1117239/440*x1^3*x2*x1*x2^2 - 745311/880*x1^4*x2*x1 + 2358339/880*x1^3*x2*x1^2 + 1035369/880*x1^14*x3*x2$
 $- 1654101/448*x1^13*x2*x1^2 - 2682471/880*x1^13*x2*x2^2 + 957483/880*x1^2*x3*x1^2 + 449143/880*x1^3*x2*x1^2$
 $+ 5851717/880*x1^12*x2*x3*x3 + 328721/44*x1^2*x2*x3^2 - 5766989/528*x1^11*x2*x4*x3$
 $- 3145839/220*x1^11*x2*x3*x2^2 + 701363/48*x1^10*x2^5*x3^2 + 2416403/120*x1^10*x2^4*x3^2$
 $- 3709081/240*x1^9*x2^6*x3 - 299417/12*x1^9*x2^5*x3^2 - 159943/16*x1^7*x2^8*x3 - 101851/5*x1^7*x2^7*x3^2$
 $+ 329723/48*x1^12*x2*x3^2 + 101317/8*x1^6*x2^8*x3^7 - 1092439/240*x1^5*x2^9*x3^2 - 244713/40*x1^5*x2^9*x3^2$
 $+ 1713425/528*x1^4*x2^11*x3^3 - 35893/120*x1^4*x2*x10*x3^2 - 1719327/880*x1^3*x2*x12*x3$
 $+ 407413/330*x1^3*x2*x11*x3^2 - 20453/11*x1^2*x2*x12*x3^2 - 144589/40*x1*x2*x14*x3 + 603419/165*x1^2*x2*x11*x3^3$
 $- 603647/120*x1^2*x2*x10*x3^4 + 317307/40*x1^2*x2*x3^5 - 96359/8*x1^2*x2*x3^6 + 179053/10*x1^2*x2*x7*x3^7$
 $- 857121/40*x1^2*x2*x3^8 + 260665/12*x1^2*x2*x3^9 - 2060377/120*x1^2*x2*x4*x3^10$
 $+ 2503431/220*x1^2*x2*x3*x11 + 1250353/48*x1^10*x2^5*x3^11 - 701363/120*x1^10*x2^4*x3^2$
 $- 3709081/240*x1^9*x2^6*x3 - 299417/12*x1^9*x2^5*x3^2 - 159943/16*x1^7*x2^8*x3 - 101851/5*x1^7*x2^7*x3^2$
 $+ 329723/48*x1^12*x2*x3^2 + 101317/8*x1^6*x2^8*x3^7 - 1092439/240*x1^5*x2^9*x3^2 - 244713/40*x1^5*x2^9*x3^2$
 $+ 1713425/528*x1^4*x2^11*x3^3 - 35893/120*x1^4*x2*x10*x3^2 - 1719327/880*x1^3*x2*x12*x3$
 $+ 407413/330*x1^3*x2*x11*x3^2 - 20453/11*x1^2*x2*x12*x3^2 - 144589/40*x1*x2*x14*x3 + 603419/165*x1^2*x2*x11*x3^3$
 $- 603647/120*x1^2*x2*x10*x3^4 + 317307/40*x1^2*x2*x3^5 - 96359/8*x1^2*x2*x3^6 + 179053/10*x1^2*x2*x7*x3^7$
 $- 857121/40*x1^2*x2*x3^8 + 260665/12*x1^2*x2*x3^9 - 2060377/120*x1^2*x2*x4*x3^10$
 $+ 2503431/220*x1^2*x2*x3*x11 + 1250353/48*x1^10*x2^5*x3^11 - 701363/120*x1^10*x2^4*x3^2$
 $- 3709081/240*x1^9*x2^6*x3 - 299417/12*x1^9*x2^5*x3^2 - 159943/16*x1^7*x2^8*x3 - 101851/5*x1^7*x2^7*x3^2$
 $+ 329723/48*x1^12*x2*x3^2 + 101317/8*x1^6*x2^8*x3^7 - 1092439/240*x1^5*x2^9*x3^2 - 244713/40*x1^5*x2^9*x3^2$
 $+ 1713425/528*x1^4*x2^11*x3^3 - 35893/120*x1^4*x2*x10*x3^2 - 1719327/880*x1^3*x2*x12*x3$
 $+ 407413/330*x1^3*x2*x11*x3^2 - 20453/11*x1^2*x2*x12*x3^2 - 144589/40*x1*x2*x14*x3 + 603419/165*x1^2*x2*x11*x3^3$
 $- 603647/120*x1^2*x2*x10*x3^4 + 317307/40*x1^2*x2*x3^5 - 96359/8*x1^2*x2*x3^6 + 179053/10*x1^2*x2*x7*x3^7$
 $- 857121/40*x1^2*x2*x3^8 + 260665/12*x1^2*x2*x3^9 - 2060377/120*x1^2*x2*x4*x3^10$
 $+ 2503431/220*x1^2*x2*x3*x11 + 1250353/48*x1^10*x2^5*x3^11 - 701363/120*x1^10*x2^4*x3^2$
 $- 3709081/240*x1^9*x2^6*x3 - 299417/12*x1^9*x2^5*x3^2 - 159943/16*x1^7*x2^8*x3 - 101851/5*x1^7*x2^7*x3^2$
 $+ 329723/48*x1^12*x2*x3^2 + 101317/8*x1^6*x2^8*x3^7 - 1092439/240*x1^5*x2^9*x3^2 - 244713/40*x1^5*x2^9*x3^2$
 $+ 1713425/528*x1^4*x2^11*x3^3 - 35893/120*x1^4*x2*x10*x3^2 - 1719327/880*x1^3*x2*x12*x3$
 $+ 407413/330*x1^3*x2*x11*x3^2 - 20453/11*x1^2*x2*x12*x3^2 - 144589/40*x1*x2*x14*x3 + 603419/165*x1^2*x2*x11*x3^3$
 $- 603647/120*x1^2*x2*x10*x3^4 + 317307/40*x1^2*x2*x3^5 - 96359/8*x1^2*x2*x3^6 + 179053/10*x1^2*x2*x7*x3^7$
 $- 857121/40*x1^2*x2*x3^8 + 260665/12*x1^2*x2*x3^9 - 2060377/120*x1^2*x2*x4*x3^10$
 $+ 2503431/220*x1^2*x2*x3*x11 + 1250353/48*x1^10*x2^5*x3^11 - 701363/120*x1^10*x2^4*x3^2$
 $- 3709081/240*x1^9*x2^6*x3 - 299417/12*x1^9*x2^5*x3^2 - 159943/16*x1^7*x2^8*x3 - 101851/5*x1^7*x2^7*x3^2$
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 $- 603647/120*x1^2*x2*x10*x3^4 + 317307/40*x1^2*x2*x3^5 - 96359/8*x1^2*x2*x3^6 + 179053/10*x1^2*x2*x7*x3^7$
 $- 857121/40*x1^2*x2*x3^8 + 260665/12*x1^2*x2*x3^9 - 2060377/120*x1^2*x2*x4*x3^10$
 $+ 2503431/220*x1^2*x2*x3*x11 + 1250353/48*x1^10*x2^5*x3^11 - 701363/120*x1^10*x2^4*x3^2$
 $- 3709081/240*x1^9*x2^6*x3 - 299417/12*x1^9*x2^5*x3^2 - 159943/16*x1^7*x2^8*x3 - 101851/5*x1^7*x2^7*x3^2$
 $+ 329723/48*x1^12*x2*x3^2 + 101317/8*x1^6*x2^8*x3^7 - 1092439/240*x1^5*x2^9*x3^2 - 244713/40*x1^5*x2^9*x3^2$
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 $- 603647/120*x1^2*x2*x10*x3^4 + 317307/40*x1^2*x2*x3^5 - 96359/8*x1^2*x2*x3^6 + 179053/10*x1^2*x2*x7*x3^7$
 $- 857121/40*x1^2*x2*x3^8 + 260665/12*x1^2*x2*x3^9 - 2060377/120*x1^2*x2*x4*x3^10$
 $+ 2503431/220*x1^2*x2*x3*x11 + 1250353/48*x1^10*x2^5*x3^11 - 701363/120*x1^10*x2^4*x3^2$
 $- 3709081/240*x1^9*x2^6*x3 - 299417/12*x1^9*x2^5*x3^2 - 159943/16*x1^7*x2^8*x3 - 101851/5*x1^7*x2^7*x3^2$
 $+ 329723/48*x1^12*x2*x3^2 + 101317/8*x1^6*x2^8*x3^7 - 1092439/240*x1^5*x2^9*x3^2 - 244713/40*x1^5*x2^9*x3^2$
 $+ 1713425/528*x1^4*x2^11*x3^3 - 35893/120*x1^4*x2*x10*x3^2 - 1719327/880*x1^3*x2*x12*x3$
 $+ 407413/330*x1^3*x2*x11*x3^2 - 20453/11*x1^2*x2*x12*x3^2 - 144589/40*x1*x2*x14*x3 + 603419/165*x1^2*x2*x11*x3^3$
 $- 603647/120*x1^2*x2*x10*x3^4 + 317307/40*x1^2*x2*x3^5 - 96359/8*x1^2*x2*x3^6 + 179053/10*x1^2*x2*x7*x3^7$
 $- 857121/40*x1^2*x2*x3^8 + 260665/12*x1^2*x2*x3^9 - 2060377/120*x1^2*x2*x4*x3^10$
 $+ 2503431/220*x1^2*x2*x3*x11 + 1250353/48*x1^10*x2^5*x3^11 - 701363/120*x1^10*x2^4*x3^2$
 $- 3709081/240*x1^9*x2^6*x3 - 299417/12*x1^9*x2^5*x3^2 - 159943/16*x1^7*x2^8*x3 - 101851/5*x1^7*x2^7*x3^2$
 $+ 329723/48*x1^12*x2*x3^2 + 101317/8*x1^6*x2^8*x3^7 - 1092439/240*x1^5*x2^9*x3^2 - 244713/40*x1^5*x2^9*x3^2$
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 $+ 407413/330*x1^3*x2*x11*x3^2 - 20453/11*x1^2*x2*x12*x3^2 - 144589/40*x1*x2*x14*x3 + 603419/165*x1^2*x2*x11*x3^3$
 $- 603647/120*x1^2*x2*x10*x3^4 + 317307/40*x1^2*x2*x3^5 - 96359/8*x1^2*x2*x3^6 + 179053/10*x1^2*x2*x7*x3^7$
 $- 857121/40*x1^2*x2*x3^8 + 260665/12*x1^2*x2*x3^9 - 2060377/120*x1^2*x2*x4*x3^10$
 $+ 2503431/220*x1^2*x2*x3*x11 + 1250353/48*x1^10*x2^5*x3^11 - 701363/120*x1^10*x2^4*x3^2$
 $- 3709081/240*x1^9*x2^6*x3 - 299417/12*x1^9*x2^5*x3^2 - 159943/16*x1^7*x2^8*x3 - 101851/5*x1^7*x2^7*x3^2$
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 $+ 407413/330*x1^3*x2*x11*x3^2 - 20453/11*x1^2*x2*x12*x3^2 - 144589/40*x1*x2*x14*x3 + 603419/165*x1^2*x2*x11*x3^3$
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 $+ 1713425/528*x1^4*x2^11*x3^3 - 35893/120*x1^4*x2*x10*x3^2 - 1719327/880*x1^3*x2*x12*x3$
 $+ 407413/330*x1^3*x2*x11*x3^2 - 20453/11*x1^2*x2*x12*x3^2 - 144589/40*x1*x2*x14*x3 + 603419/165*x1^2*x2*x11*x3^3$
 $- 603647/120*x1^2*x2*x10*x3^4 + 317307/40*x1^2*x2*x3^5 - 96359/8*x1^2*x2*x3^6 + 179053/10*x1^2*x2*x7*x3^7$
 $- 857121/40*x1^2*x2*x3^8 + 260665/12*x1^2*x2*x3^9 - 2060377/120*x1^2*x2*x4*x3^10$
 $+ 2503431/220*x1^2*x2*x3*x11 + 1250353/48*x1^10*x2^5*x3^11 - 701363/120*x1^10*x2^4*x3^2$
 $- 3709081/240*x1^9*x2^6*x3 - 299417/12*x1^9*x2^5*x3^2 - 159943/16*x1^7*x2^8*x3 - 101851/5*x1^7*x2^7*x3^2$
 $+ 329723/48*x1^12*x2*x3^2 + 101317/8*x1^6*x2^8*x3^7 - 1092439/240*x1^5*x2^9*x3^2 - 244713/40*x1^5*x2^9*x3^2$
 $+ 1713425/528*x1^4*x2^11*x3^3 - 35893/120*x1^4*x2*x10*x3^2 - 1719327/880*x1^3*x2*x12*x3$
 $+ 407413/330*x1^3*x2*x11*x3^2 - 20453/11*x1^2*x2*x12*x3^2 - 144589/40*x1*x2*x14*x3 + 603419/165*x1^2*x2*x11*x3^3$
 $- 603647/120*x1^2*x2*x10*x3^4 + 317307/40*x1^2*x2*x3^5 - 96359/8*x1^2*x2*x3^6 + 179053/10*x1^2*x2*x7*x3^7$
 $- 857121/40*x1^2*x2*x3^8 + 260665/12*x1^2*x2*x3^9 - 2060377/120*x1^2*x2*x4*x3^10$
 $+ 2503431/220*x1^2*x2*x3*x11 + 1250353/48*x1^10*x2^5*x3^11 - 701363/120*x1^10*x2^4*x3^2$
 $- 3709081/240*x1^9*x2^6*x3 - 299417/12$

$+ 332443/231*v1^16*v3^2 - 8052575/1232*v1^15*v2^3 - 2644881/616*v1^15*v3^3 + 1079684/63*v1^14*v2^4$
 $+ 617672/63*v1^14*v3^4 - 199534415/5544*v1^13*v2^5 - 47610175/2772*v1^13*v3^5 + 5387601/88*v1^12*v2^6$
 $+ 1007381/44*v1^12*v3^6 - 235952567/2772*v1^11*v2^7 - 15214505/693*v1^11*v3^7 - 48823517/504*v1^10*v2^8$
 $+ 3023341/252*v1^10*v3^8 - 45360053/504*v1^9*v2^9 + 915443/252*v1^9*v3^9 + 34009445/504*v1^8*v2^10$
 $- 4383695/252*v1^8*v3^10 - 110602727/2772*v1^7*v2^11 + 16122955/693*v1^7*v3^11 + 1550361/88*v1^6*v2^12$
 $- 911239/44*v1^6*v3^12 - 27626063/5544*v1^5*v2^13 + 38344001/2772*v1^5*v3^13 + 22723/126*v1^4*v2^14$
 $- 901301/126*v1^4*v3^14 + 795649/1232*v1^3*v2^15 + 1779231/616*v1^3*v3^15 - 362027/924*v1^2*v2^16$
 $- 410437/462*v1^2*v3^16 + 321589/2772*v1^2*v2^17 + 147937/693*v1^3*v17 + 641755/2772*v2^17*v3$
 $- 966785/924*v2^16*v3^2 + 4495345/1232*v2^15*v3^3 - 1257941/126*v2^14*v3^4 + 122851957/5544*v2^13*v3^5$
 $- 3565035/88*v2^12*v3^6 + 171463519/2772*v2^11*v3^7 - 40055623/504*v2^10*v3^8 + 43529671/504*v2^9*v3^9$
 $- 40055623/504*v2^8*v3^10 + 171463519/2772*v2^7*v3^11 - 3565035/88*v2^6*v3^12 + 122851957/5544*v2^5*v3^13$
 $- 1257941/126*v2^4*v3^14 + 4495345/1232*v2^3*v3^15 - 966785/924*v2^2*v3^16 + 641755/2772*v2*v3^17 + 190/3*v1^18$
 $- 187/6*v2^18 - 187/6*v3^18,$
LOMI_23_3 = $44129221/16016*v1^17*v2^3$
 $+ 23001665/8008*v1^18*v2^2 + 8866171/4004*v1^18*v3^2 + 77*v1^20 - 38*v2^20 - 38*v3^20$
 $+ 6612423967/4004*v2^12*x3^7 - 150104687/616*v2^12*x3^8 + 945502407/3080*v2^11*x3^9 - 278371733/840*v2^10*x3^10$
 $+ 945502407/3080*v2^9*x3^11 - 150104687/616*v2^8*x3^12 + 661243967/4004*v2^7*x3^13 - 475167422/5005*v2^6*x3^14$
 $+ 1001878609/21840*v2^5*x3^15 - 3085417/168*v2^4*x3^16 + 287784587/48408*v2^3*x3^17 - 12361663/8008*v2^2*x3^18$
 $+ 49242023/16016*v2^17*x3^19 - 9424149/16016*v1^19*x3^20 - 3811091/8008*v1^19*x3^21 - 52151514/48048*v1^17*x3^23$
 $- 181118027/24024*v1^17*x3^3 + 5392199/168*v1^16*x2^4 + 1673209/84*v1^16*x3^4 - 1675486991/21840*v1^15*x2^5$
 $- 450571489/10920*v1^15*x2^6 + 1503571611/10101*v1^14*x2^7 + 336892014/5005*v1^14*x3^6$
 $- 974816459/4004*v1^13*x2^7 - 85207314/1001*v1^13*x3^7 + 202260557/616*v1^12*x2^8 + 24261277/308*v1^12*x3^8$
 $- 113673313/3080*v1^11*x2^9 - 64552337/1540*v1^11*x3^9 + 289491367/840*v1^10*x2^10 - 5559397/420*v1^10*x3^10$
 $- 816394653/3080*v1^9*x2^11 + 95616983/1540*v1^9*x3^11 + 101582749/616*v1^8*x2^12 - 26077627/308*v1^8*x3^12$
 $- 320410707/4004*v1^7*x2^13 + 78394124/1001*v1^7*x3^13 + 138280413/5005*v1^6*x2^14 - 553226757/10010*v1^6*x3^14$
 $- 100713791/21840*v1^5*x2^15 + 336815111/19020*v1^5*x3^15 - 260833/168*x1^4*x2^16 - 1153307/84*x1^4*x3^16$
 $+ 74499515/48048*v1^3*x2^17 + 116705701/24024*v1^3*x3^17 - 5362671/8008*v1^2*x2^18 - 5315997/4004*v1^2*x3^18$
 $+ 2713995/16016*v1*x2^19 + 2266981/8008*v1*x3^19 + 4924203/16016*v2^19*x3^21 - 12361663/8008*v2^18*x3^2$
 $+ 287784587/48408*v2^17*x3^3 - 3085417/168*v2^16*x3^4 + 1008178609/21840*v2^15*x3^5 - 475167422/5005*v2^14*x3^6$
 $- 52757105/2288*x1^2*x3^3 + 28498465/4004*v1*x2^2*x3^7 - 2807643/16016*v1*x2*x3^8$
 $- 2146248109/18480*v1^5*x2^9*x3^6 + 27189179/176*v1^5*x2^8*x3^7 - 30880859/112*v1^5*x2^7*x3^8$
 $+ 5544826909/18480*v1^5*x2^6*x3^9 - 685769893/18480*v1^5*x2^5*x10 + 5768623349/18480*v1^5*x2^4*x3^11$
 $- 361276651/1232*x1^5*x2^3*x3^12 + 8032358929/48048*v1^5*x2^2*x3^13 - 1450710231/11440*v1^5*x2*x3^14$
 $+ 5097613067/240240*v1^4*x2^15*x3 - 50295281/21840*v1^4*x2^14*x3^2 + 619025307/16016*v1^4*x2^13*x3^3$
 $- 24876791/924*x1^4*x2^12*x3^4 + 807222509/18480*v1^4*x2^11*x3^5 - 125760701/280*x1^4*x2^10*x3^6$
 $+ 3455807/33*x1^4*x2^9*x3^7 - 54878503/308*v1^4*x2^8*x3^8 + 26362815/924*x1^4*x2^7*x3^9$
 $- 3042312697/924*x1^4*x2^5*x3^10 + 31144145051/9240*v1^4*x2^5*x3^11 - 488134939/18480*v1^4*x2^4*x3^12$
 $+ 4662958249/24024*v1^4*x2^3*x3^13 - 3063751606/3003*v1^4*x2^2*x3^14 + 36174263/624*v1^4*x2*x3^15$
 $- 10985147/1144*x1^3*x2^16*x3^3 - 159394571/80080*v1^3*x2^15*x3^4 - 591202553/24024*v1^3*x2^14*x3^5$
 $+ 278653275/16016*x1^3*x2^13*x3^4 + 12857869/18480*v1^3*x2^12*x3^5 - 1369475273/18480*x1^3*x2^11*x3^6$
 $+ 434896357/24024*x1^3*x2^10*x3^7 - 997353817/3696*x1^3*x2^9*x3^8 + 1290029855/3696*x1^3*x2^8*x3^9$
 $- 7178809247/18480*x1^3*x2^7*x3^10 + 667008253/18480*x1^3*x2^6*x3^11 - 1072480097/3696*x1^3*x2^5*x3^12$
 $+ 9257611765/48048*v1^3*x2^4*x3^13 - 5407491451/48048*x1^3*x2^3*x3^14 + 1027212533/20020*x1^3*x2^2*x3^15$
 $- 50883801/2288*x1^2*x3^3 + 59449613/16016*x1^2*x2^17*x3 - 27785713/3003*x1^2*x2^16*x3^2$
 $+ 168139961/80080*x1^2*x2^15*x3^3 - 85106507/2184*x1^2*x2^14*x3^4 + 3220983235/48048*x1^2*x2^13*x3^5$
 $+ 24040972/231*x1^2*x2^12*x3^7 + 18627673/120*x1^2*x2^11*x3^7 - 180913373/840*x1^2*x2^10*x3^8$
 $+ 21017211/77*x1^2*x2^9*x3^9 - 2815088451/9240*x1^2*x2^8*x3^10 + 549071401/1848*x1^2*x2^7*x3^11$
 $- 380874511/1540*x1^2*x2^13*x3^4 + 191375367/1092*x1^2*x2^5*x3^5 - 2478131017/24024*x1^2*x2^4*x3^14$
 $+ 4096827457/80080*x1^2*x2^3*x3^15 - 50652024/3003*x1^2*x2^2*x3^16 + 15745129/2288*x1^2*x2*x3^17$
 $+ 7652781/8008*x1*x2^18*x3 + 43241421/16016*x1*x2^17*x3^2 - 6064803/1144*x1*x2^16*x3^3$
 $+ 1025304827/240240*x1^2*x15*x3^4 + 474301077/4004*x1*x2^14*x3^5 - 1337965579/18480*x1*x2^13*x3^6$
 $+ 287030427/18480*x1*x2^12*x3^7 - 158321977/560*x1*x2^11*x3^8 + 7443073903/18480*x1*x2^10*x3^9$
 $+ 172089031/369*x1*x2^12*x3^8 + 6519817387/18480*x1*x2^7*x3^9$
 $+ 56307662813/240240*x1*x2^6*x3^13 - 1043585313/80080*x1*x2^5*x3^14 + 556373563/9240*x1*x2^4*x3^15$
 $- 5791827091/18480*x1*x2^11*x3^12 + 191375367/1092*x1^2*x2^5*x3^13 - 2478131017/24024*x1^2*x2^4*x3^14$
 $- 2508026271/440*x1^11*x2*x3^8 - 778217387/3696*x1^10*x2*x3^9 + 3423331889/9240*x1^10*x2*x3^10$
 $+ 5396211673/18480*x1^10*x2*x3^7 - 210809247/18480*x1^9*x2*x3^8 - 10897337/120*x1^7*x2^11*x3^2$
 $+ 1025304827/240240*x1^2*x15*x3^4 + 474301077/4004*x1*x2^14*x3^5 - 1337965579/18480*x1*x2^13*x3^6$
 $+ 287030427/18480*x1*x2^12*x3^7 - 158321977/560*x1*x2^11*x3^8 + 7443073903/18480*x1*x2^10*x3^9$
 $+ 172089031/369*x1*x2^12*x3^8 + 6519817387/18480*x1*x2^7*x3^9$
 $+ 56307662813/240240*x1*x2^6*x3^13 - 1043585313/80080*x1*x2^5*x3^14 + 556373563/9240*x1*x2^4*x3^15$
 $- 5791827091/18480*x1*x2^11*x3^12 + 191375367/1092*x1^2*x2^5*x3^13 - 2478131017/24024*x1^2*x2^4*x3^14$
 $- 2508026271/440*x1^11*x2*x3^8 + 778217387/3696*x1^10*x2*x3^9 + 3423331889/9240*x1^10*x2*x3^10$
 $+ 5396211673/18480*x1^10*x2*x3^7 - 210809247/18480*x1^9*x2*x3^8 - 10897337/120*x1^7*x2^11*x3^2$
 $+ 200629523/264*x1^7*x2^10*x3^3 - 10379165/66*x1^7*x2^9*x3^4 - 7065117/176*x1^7*x2^8*x3^5$
 $- 79656086/385*x1^7*x2^7*x3^6 + 35468779/770*x1^7*x2^6*x3^7 - 104051491/308*x1^7*x2^5*x3^8$
 $+ 61220161/369*x1^6*x2^9*x3^10 + 21108293/4620*x1^7*x2^5*x3^10 + 70562063/560*x1^8*x2^7*x3^7$
 $+ 16485657/44*x1^7*x2^3*x12 + 1341916162/21840*x1^6*x2^13*x3 + 4070111/231*x1^6*x2^12*x3^2$
 $+ 977595607/18480*x1^6*x2^11*x3^3 + 17140419/280*x1^6*x2^10*x3^4 + 1051752851/18480*x1^6*x2^9*x3^5$
 $+ 7075141/77*x1^6*x2^3*x3^8 + 123484163/770*x1^6*x2^3*x3^7 - 56286769/385*x1^6*x2^6*x3^8$
 $+ 51998827/154*x1^6*x2^4*x3^9 - 263609891/924*x1^9*x2^7*x3^4 - 46195207/154*x1^9*x2^9*x3^2$
 $+ 807840073/369*x1^9*x2^8*x3^3 - 280422155/924*x1^9*x2^7*x3^4 - 4093592651/18480*x1^9*x2^6*x3^5$
 $- 27485672/77*x1^9*x2^5*x3^6 - 39457647/308*x1^9*x2^4*x3^7 - 906961751/1848*x1^9*x2^3*x3^8$
 $+ 4160759/154*x1^9*x2^4*x3^7 - 73598327/120*x1^9*x2^3*x10 + 70562063/560*x1^8*x2^2*x11*x3$
 $+ 161562607/840*x1^8*x2^10*x3^2 + 529177343/3696*x1^8*x2^9*x3^4 - 65786811/308*x1^8*x2^8*x3^5$
 $+ 20534813/112*x1^8*x2^7*x3^5 + 106579167/70*x1^8*x2^6*x3^6 + 97304125/308*x1^8*x2^5*x3^7$
 $- 2727000*x1^7*x2^8*x3^8 + 902598793/1848*x1^8*x2^3*x3^9 - 716637773/4620*x1^8*x2^2*x3^10$
 $+ 226462889/440*x1^11*x2*x3^8 - 165785939/18480*x1^7*x2^6*x3^4 + 656825067/18480*x1^10*x2^5*x3^5$
 $+ 247787611/924*x1^10*x2^4*x3^8 + 2145808597/4620*x1^10*x2^3*x3^7 + 51895307/4620*x1^10*x2^2*x3^8$
 $+ 76170313/120*x1^10*x2^3*x3^9 - 3125758217/18480*x1^9*x2^10*x3^2 - 46195207/154*x1^9*x2^9*x3^2$
 $- 807840073/369*x1^9*x2^8*x3^3 - 280422155/924*x1^9*x2^7*x3^4 - 4093592651/18480*x1^9*x2^6*x3^5$
 $- 27485672/77*x1^9*x2^5*x3^6 - 39457647/308*x1^9*x2^4*x3^7 - 906961751/1848*x1^9*x2^3*x3^8$
 $+ 4160759/154*x1^9*x2^4*x3^7 - 73598327/120*x1^9*x2^3*x10 - 70562063/560*x1^8*x2^2*x11*x3$
 $+ 161562607/840*x1^8*x2^10*x3^2 + 529177343/3696*x1^8*x2^9*x3^4 - 65786811/308*x1^8*x2^8*x3^5$
 $+ 20534813/112*x1^8*x2^7*x3^5 + 1065791663/80080*x1^8*x2^6*x3^4 - 9338170487/20020*x1^15*x2^2*x3^3$
 $- 50813209/624*x1^15*x2^3*x4 + 920649453/80080*x1^14*x2^5*x3 + 3398247499/24024*x1^14*x2^4*x3^2$
 $+ 6587244605/48048*x1^14*x2^3*x3^3 + 175875083/6006*x1^14*x2^2*x3^4 + 1051752851/18480*x1^6*x2^2*x3^5$
 $- 41822809627/240240*x1^13*x2^6*x3^2 - 255777139/1092*x1^13*x2^5*x3^2 - 10161828275/48048*x1^13*x2^4*x3^3$
 $- 5557319819/24024*x1^3*x2^3*x3^4 - 9173762903/48048*x1^13*x2^2*x3^5 - 846052981/2860*x1^13*x2*x3^6$
 $+ 4053690173/18480*x1^12*x2^7*x3^7 + 498692639/1540*x1^12*x2^6*x3^2 + 105817911/3696*x1^12*x2^5*x3^3$
 $+ 537890369/1848*x1^12*x2^4*x3^4 + 405651357/1232*x1^12*x2^3*x3^5 + 16162125933/4620*x1^12*x2^2*x3^6$
 $+ 19470703/44*x1^12*x2*x3^7 - 1428560139/6160*x1^11*x2^8*x3 - 701939075/1848*x1^11*x2^7*x3^2$
 $- 574137267/18480*x1^11*x2^6*x3^3 - 3287913689/9240*x1^11*x2^5*x3^4,$
LOMI_25_3 = $4565602/91*x1^18*x2^3*x3 + 8202887/156*x1^18*x2^2*x3^2 + 2967141/52*x1^18*x2*x3^3 + 17638789/312*x1^18*x2^4$
 $+ 5842877/156*x1^18*x2^2*x22 + 92*x1^2*x3^22 - 92/1*x2*x3^22 - 205943/12*x1^19*x2^3 - 37478/3*x1^19*x3^3$
 $- 47250283/312*x1^17*x2^5 - 13926911/156*x1^17*x3^5 + 17426881/52*x1^16*x2^4 + 222335/13*x1^16*x3^6$
 $- 90242357/1456*x1^15*x2^7 - 191177297/278*x1^15*x3^7 + 351213895/364*x1^14*x2^8 + 57787607/182*x1^14*x3^8$
 $- 2772536999/2184*x1^13*x2^9 - 310213399/1892*x1^13*x3^9 + 33897473/24*x1^12*x2^10 + 1761319/12*x1^12*x3^10$
 $- 31804333/24*x1^11*x2^11 + 602395/12*x1^11*x3^11 + 24982943/24*x1^10*x2^12 - 2696081/12*x1^10*x3^12$
 $- 1474542119/2184*x1^9*x2^13 - 38378401/19*x2^13*x3^13 + 24821025/36*x1^9*x2^14*x3^14 - 26879414/91*x1^8*x3^14$
 $- 202524375/1456*x1^7*x2^15*x3^15 + 158772383/728*x1^7*x3^15 + 1804131/52*x1^6*x2^2*x16 - 336705/26*x1^6*x3^16$
 $+ 1113131/312*x1^5*x2^2*x19 + 41479/104*x2^2*x1 - 16029327/728*x1^2*x2*x20 - 694455/364*x1^2*x3^20 + 24579/104*x1*x2^21*x1$
 $+ 19023/52*x1^3*x2^2*x19 + 41479/104*x2^2*x1 - 16029327/728*x1^2*x2*x20 - 694455/364*x1^2*x3^20 + 24579/104*x1*x2^21*x1$
 $- 9984911/312*x1^18*x2^3*x19 - 27742817/312*x1^2*x2^7*x3^5 - 10693419/52*x1^2*x3^6 + 584880425/1456*x1^2*x3^7$
 $- 243695875/364*x1^2*x3^8 + 2094971101/2184*x1^2*x3^9 - 28055557/24*x1^2*x3^10 + 30595567/24*x1^2*x3^11$
 $- 28505557/24*x1^2*x3^12 + 2094971101/2184*x1^2*x3^13 - 243695875/364*x1^2*x3^14 + 584880425/1456*x1^2*x3^15$
 $- 10693419/52*x1^2*x3^16 + 27742817/312*x1^2*x5*x3^17 - 9984911/312*x1^2*x4*x3^18 + 112987/12*x1^2*x3^19$
 $- 1602931/728*x1^2*x3^20 + 41479/104*x2^2*x3^21 - 79421/104*x2^1*x21*x2 - 32977/52*x1^2*x19*x3$
 $- 4098820183/436*x1^2*x3^14 + 183437525/336*x1^2*x6*x3^15 - 587678717/2184*x1^2*x3^16$
 $+ 60841789/546*x1^2*x3^17 - 3506989/91*x1^2*x3^18 + 1976285/182*x1^2*x2*x3^19 - 140117/56*x1^2*x3^20$
 $+ 210235993/208*x1^5*x2^4*x3^13 - 264519691/336*x1^5*x2^3*x3^14 - 615256427/1456*x1^5*x2*x3^15$
 $- 82107383/312*x1^5*x2^5*x3^16 + 102078595/2184*x1^4*x2*x3^17*x3 - 10787845/156*x1^4*x2*x3^18 + 33928399/312*x1^4*x2*x3^19$
 $- 1497227/12*x1^4*x2*x3^16 + 29943085/156*x1^4*x2*x3^17*x3 - 1664470387/436*x1^4*x2*x3^18$
 $+ 3286738831/436*x1^2*x3^17*x3 - 227783551/208*x1^2*x3^18*x3 + 83190503/624*x1^2*x3^19*x3 - 1083960343/1456*x1^2*x3^20$
 $- 807880519/624*x1^2*x3^12*x3^16 + 226196567/208*x1^2*x3^14*x3^18 - 1083960343/1456*x1^2*x3^19*x3$
 $- 20372279/436*x1^2*x3^12*x3^16 + 29943085/2184*x1^4*x2*x3^17*x3 - 10787845/156*x1^4*x2*x3^18$
 $- 6745231/364*x1^3*x2^18*x3 + 1115743*x1^3*x2^17*x3^2 - 862235/13*x1^3*x2^16*x3^2$
 $- 28716917/364*x1^3*x2^15*x3^4 - 111590005/2184*x1^3*x2^14*x3^5 - 29684501/312*x1^3*x2^13*x3^6$
 $+ 110127209/312*x1^3*x2^12*x3^7 + 1025962163/1456*x1^3*x2^11*x3^8 + 667509883/624*x1^3*x2^10*x3^9$
 $- 2004055649/1456*x1^3*x2^9*x3^13 - 312320535/208*x1^3*x2^8*x3^12 - 887882477/624*x1^3*x2^7*x3^12$
 $+ 55244291/$

+ 174471/28*v1^2*v2^19*v3 - 1385609/78*v1^2*v2^18*v3^2 + 133999/3*v1^2*v2^17*v3^3
 - 14752585/156*v1^2*v2^16*v3^4 + 130131935/728*v1^2*v2^15*v3^5 - 653018837/2184*v1^2*v2^14*v3^6
 + 1018021139/2184*v1^2*x2^13*v3^7 - 10764125/16*x1^2*x2^12*x3^8 - 3894155537/4368*x1^2*x2^11*x3^9
 - 4667917199/4368*x1^2*x2^10*x3^10 + 5033820257/4368*x1^2*x2^9*x3^11 - 4816307357/4368*x1^2*x2^8*x3^12
 + 578942339/624*x1^2*x2^7*x3^13 - 983490041/1456*x1^2*x2^6*x3^14 + 613441359/1456*x1^2*x2^5*x3^15
 - 481666721/2184*x1^2*x2^4*x3^16 + 53183381/546*x1^2*x2^3*x3^17 - 5431513/156*x1^2*x2^2*x3^18
 + 3867931/364*x1^2*x2*x3^19 - 41155/28*x1*x2^20*x3 + 138071/28*x1*x2^19*x3^2 - 4497531/364*x1*x2^18*x3^3
 + 4733035/2184*x1*x2^17*x3^4 - 9487459/1092*x1*x2^16*x3^5 - 147610807/2184*x1*x2^15*x3^6
 + 58700229/2184*x1*x2^14*x3^7 - 274593923/4368*x1*x2^13*x3^8 + 685280611/624*x1*x2^12*x3^9
 - 73604065/48*x1*x2^11*x3^10 + 84546959/48*x1*x2^10*x3^11 - 7386099163/4368*x1*x2^9*x3^12
 + 5977366415/4368*x1*x2^8*x3^13 + 620690099/624*x1^10*x2^6*x3^8 - 846900251/624*x1^10*x2^5*x3^7
 + 1051053923/2184*x1^10*x2^4*x3^8 - 2120075987/2184*x1^10*x2^3*x3^9 - 197049817/2184*x1^10*x2^2*x3^10
 + 56928577/24*x1^10*x2*x3^11 - 33478909/624*x1^9*x2^12*x3 - 3249839503/4368*x1^9*x2^11*x3^2
 - 34839727/624*x1^9*x2^10*x3^3 - 3986268929/4368*x1^9*x2^9*x3^4 - 349246351/624*x1^9*x2^8*x3^5
 - 1451014169/1456*x1^9*x2^7*x3^6 - 586477841/1456*x1^9*x2^6*x3^7 - 97201589/728*x1^9*x2^5*x3^8
 + 340767233/2184*x1^9*x2^4*x3^9 - 242689073/2184*x1^9*x2^3*x3^10 + 1217253487/2184*x1^9*x2^2*x3^11
 - 11242707/16*x1^9*x2^3*x3^12 + 1716573367/4368*x1^8*x2^13*x3 + 551275/16*x1^8*x2^12*x3^2
 + 470532837/1456*x1^8*x2^11*x3^3 + 2681305193/4368*x1^8*x2^10*x3^4 + 1524638359/4368*x1^8*x2^9*x3^5
 + 629160019/1456*x1^8*x2^8*x3^6 - 62012592559/1456*x1^8*x2^7*x3^7 - 60491191/728*x1^8*x2^6*x3^8
 + 961455711/728*x1^8*x2^5*x3^9 - 1585498177/2184*x1^8*x2^4*x3^10 + 1308148787/728*x1^8*x2^3*x3^11
 - 179857075/2184*x1^8*x2^2*x3^12 + 1083813931/728*x1^7*x2*x3^13 - 593749771/2184*x1^7*x2^14*x3
 - 165570361/2184*x1^7*x2^13*x3^2 - 56625091/312*x1^7*x2^12*x3^3 - 58563905/156*x1^7*x2^11*x3^4
 - 7066539/104*x1^7*x2^10*x3^5 - 346656707/28*x1^7*x2^9*x3^6 - 124744369/728*x1^7*x2^8*x3^7
 - 1262079841/1456*x1^7*x2^7*x3^8 + 1085792839/1456*x1^7*x2^6*x3^9 - 881259949/624*x1^7*x2^5*x3^10
 + 229131137/208*x1^7*x2^4*x3^11 - 958811717/624*x1^7*x2^3*x3^12 + 1217116839/1456*x1^7*x2^2*x3^13
 - 1404935849/1456*x1^6*x2^4*x3^14 + 37641193/2184*x1^6*x2^15*x3 - 138660637/2184*x1^6*x2^14*x3^2
 + 47278999/312*x1^6*x2^13*x3^3 + 1068193/12*x1^6*x2^12*x3^4 + 48258727/312*x1^6*x2^11*x3^5
 - 324587/312*x1^6*x2^10*x3^3 + 22661393/728*x1^6*x2^9*x3^7 - 508176181/1456*x1^6*x2^8*x3^8
 + 127859271/1456*x1^6*x2^7*x3^9 - 620040301/624*x1^6*x2^6*x3^10 + 853441267/624*x1^6*x2^5*x3^11
 - 240060031/208*x1^6*x2^4*x3^12 + 729558543/624*x1^6*x2^3*x3^13 - 2877436475/4368*x1^6*x2^2*x3^14
 + 112940017/208*x1^6*x2^3*x15 - 10602059/109*x1^5*x2^16*x3 + 64830335/728*x1^5*x2^15*x3^2
 - 291169405/2184*x1^5*x2^14*x3^3 + 544928/13*x1^5*x2^13*x3^4 - 7255277/104*x1^5*x2^12*x3^5
 - 54358073/312*x1^5*x2^11*x3^6 + 399661/104*x1^5*x2^10*x3^7 - 3324005441/4368*x1^5*x2^9*x3^8
 + 615351569/624*x1^5*x2^8*x3^9 - 804500393/624*x1^5*x2^7*x3^10 + 274171301/208*x1^5*x2^6*x3^11
 - 272369419/208*x1^5*x2^5*x3^12 - 2831245/182*x1^5*x2^4*x3 - 62020329/364*x1^5*x2^3*x3^2
 - 70307411/546*x1^5*x2^4*x3 - 78675619/546*x1^5*x2^3*x3^2 - 73489383/546*x1^5*x2^2*x3^3
 - 49349801/312*x1^5*x2^4*x3 + 593728783/2184*x1^6*x2^5*x3 + 696901579/2184*x1^6*x2^4*x3^2
 + 15949421/52*x1^16*x2^3*x3^3 + 632698735/2184*x1^16*x2^2*x3^4 + 114245917/312*x1^16*x2*x3^5
 - 159731875/336*x1^15*x2^5*x3^2 - 6536124643/4368*x1^12*x2^8*x3^3 + 2381819365/4368*x1^15*x2^4*x3^3
 - 2540672591/4368*x1^15*x2^3*x3^4 - 74310573/1456*x1^15*x2^2*x3^5 - 149522183/208*x1^15*x2*x3^6
 + 3040806857/4368*x1^14*x2^7*x3 + 1394492839/1456*x1^14*x2^6*x3^2 + 1220646787/1456*x1^14*x2^5*x3^3
 + 1257018297/1456*x1^14*x2^4*x3^4 + 314384789/336*x1^14*x2^3*x3^5 + 3211686565/4368*x1^14*x2^2*x3^6
 + 17621089/1456*x1^14*x2*x3^7 - 375693985/4368*x1^13*x2^8*x3 - 812484061/624*x1^13*x2^7*x3^2
 - 51429709/48*x1^13*x2^6*x3^3 - 2831245/182*x1^13*x2^5*x3 - 91930733/624*x1^13*x2^4*x3^5
 - 812731357/624*x1^13*x2^5*x3^6 - 124483761/1456*x1^13*x2^2*x3^7 - 1282322569/728*x1^13*x2*x3^8
 + 3972011237/4368*x1^12*x2^5*x3^2 + 6536124643/4368*x1^12*x2^8*x3^3 + 738557923/624*x1^12*x2^7*x3^3
 + 798806521/624*x1^12*x2^6*x3^4 + 286880181/208*x1^12*x2^5*x3^5 + 250778369/208*x1^12*x2^4*x3^6
 + 1001133283/208*x1^12*x2^4*x3^15 + 1649409283/19656*x1^12*x2^3*x3^12 - 2877436475/4368*x1^12*x2^2*x3^14
 + 1272369419/208*x1^11*x2^10*x3 - 375693985/4368*x1^11*x2^9*x3 - 62020329/364*x1^11*x2*x3^2
 - 51429709/48*x1^11*x2^6*x3^3 - 2831245/182*x1^11*x2^5*x3 - 91930733/624*x1^11*x2^4*x3^5
 - 812731357/624*x1^11*x2^5*x3^6 - 124483761/1456*x1^11*x2^2*x3^7 - 1282322569/728*x1^11*x2*x3^8
 + 3972011237/4368*x1^11*x2^5*x3^2 + 6536124643/4368*x1^11*x2^8*x3^3 + 738557923/624*x1^11*x2^7*x3^3
 + 798806521/624*x1^11*x2^6*x3^4 + 286880181/208*x1^11*x2^5*x3^5 + 250778369/208*x1^11*x2^4*x3^6
 + 1001133283/208*x1^11*x2^4*x3^15 + 1649409283/19656*x1^11*x2^3*x3^12 + 1220646787/1456*x1^11*x2^2*x3^14
 + 17621089/1456*x1^11*x2^3*x3^7 - 375693985/4368*x1^11*x2^8*x3 - 812484061/624*x1^11*x2^7*x3^2
 - 35067201/1008*x1^11*x2*x3^2 + 219903613/13104*x1^11*x2^2*x3^2 + 5515381/1008*x1^11*x2*x3^2
 - 7047841/273*x1^21*x2*x3^2 - 306739595/3104*x1^21*x3*x2^2 + 9108143/1008*x2^2*x3*x1^2
 + 74570391/1008*x1^21*x3*x2^2 + 3224283835/39312*x1^21*x2*x3^2 + 208*x1^21*x2*x3*x1^2
 - 9117018571/39312*x1^19*x2*x3^2 - 510728855/19656*x1^19*x2*x3^3 + 712748793/13104*x1^18*x2^5*x3
 + 3094134655/4914*x1^18*x2*x3^2 + 20996861023/19656*x1^17*x2^6*x3 + 124710973/56*x1^12*x2*x3^9
 - 49734181183/19656*x1^17*x2^7*x3 - 6328658143/4368*x1^11*x2^9*x3^2 - 227190565/208*x1^11*x2^8*x3^3
 - 807165127/624*x1^11*x2^7*x3^4 - 284241499/208*x1^11*x2^6*x3^5 - 91930733/624*x1^11*x2^5*x3^6
 - 199216263/208*x1^11*x2^4*x3^7 - 132840333/728*x1^11*x2^3*x3^8 - 891988193/2184*x1^11*x2^2*x3^9
 - 58963823/24*x1^11*x2*x3^10 + 33838733/24*x1^10*x2*x3^11 + 5062021201/4368*x1^10*x2*x3^12
 + 12537405/71/1456*x1^10*x2*x3^10 + 23056259/208*x1^10*x2*x3^11 + 641463607/624*x1^10*x2*x3^12
 + 2992569/728*x1^20*x2^2 + 1189245/364*x1^20*x3^2 + 224843/56*x1^20*x2*x3

LOMI_27 =

5791943005/1872*x1^14*x2^9*x3 + 14765050123/3276*x1^14*x2^8*x3^2 + 174198321581/39312*x1^14*x2^7*x3^3
 + 185426959531/39312*x1^14*x2^6*x3^4 + 5902421703/13104*x1^14*x2^5*x3^5 + 165547212039/39312*x1^14*x2^4*x3^6
 + 2923602167/5616*x1^14*x2^3*x3^7 + 21149613649/6552*x1^14*x2^2*x3^8 + 267985990091/39312*x1^14*x2*x3^9
 + 196914101/189*x1^14*x3^10 + 3330060389/1872*x1^16*x2^7*x3^7 + 44665835329/19656*x1^16*x2^6*x3^2
 + 15174972725/6552*x1^16*x2^5*x3^3 + 5644466595/2457*x1^16*x2^4*x3^4 + 15667965311/6552*x1^16*x2^3*x3^5
 + 3120497539/1512*x1^16*x2^2*x3^6 + 11593047711/39312*x1^16*x2*x3^7 + 8742133/546*x1^5*x2^1*x2*x3^2
 - 35067201/1008*x1^22*x2*x3^2 + 306739595/3104*x1^21*x3*x2^2 + 9108143/1008*x2^2*x3*x1^2
 - 7047841/273*x1^21*x2*x3^2 - 306739595/3104*x1^21*x3*x2^2 + 9108143/1008*x2^2*x3*x1^2
 + 74570391/1008*x1^21*x3*x2^2 + 3224283835/39312*x1^21*x2*x3^2 + 208*x1^20*x2*x3*x1^2
 - 9117018571/39312*x1^19*x2*x3^2 - 510728855/19656*x1^19*x2*x3^3 + 712748793/13104*x1^18*x2^5*x3
 + 3094134655/4914*x1^18*x2*x3^2 + 20996861023/19656*x1^17*x2^6*x3 + 124710973/56*x1^12*x2*x3^9
 - 49734181183/19656*x1^17*x2^7*x3 - 6328658143/4368*x1^11*x2^9*x3^2 - 9887202877/3024*x1^13*x2^10*x3
 - 101747717347/19656*x1^13*x2^9*x3^2 - 351537883/144*x1^11*x2^12*x3^2 - 2292811307/504*x1^11*x2^11*x3^2
 + 600315683/336*x1^10*x2^8*x3^2 + 856096729/252*x1^10*x2^7*x3^2 + 11978175617/9828*x1^9*x2^4*x3^2
 - 82052776643/39312*x1^9*x2^3*x2^2 + 3148187572/39312*x1^8*x2^2*x3^2 + 2086745239/2184*x1^8*x2^1*x2^14*x3^2
 - 125194297/2457*x1^7*x2^16*x3^2 - 858032389/39312*x1^7*x2^15*x3^2 + 443978679/1456*x1^6*x2^2*x17*x3
 - 293652700/2457*x1^6*x2^16*x3^2 - 6418791661/39312*x1^5*x2^18*x3^2 + 99851483/546*x1^5*x2^2*x17*x3^2
 + 330182677/4368*x1^5*x2^19*x3^2 - 96863539/19656*x1^2*x2^3*x3^19 - 68747083/117*x1^2*x2^2*x3^20*x3
 + 15233581/216*x1^3*x2^19*x3^2 - 6791899/234*x1^2*x2^2*x3^2 - 1008325/504*x1*x2^2*x3^2
 + 17444881/216*x1^2*x2^19*x3^2 - 61681289/351*x1^2*x2^18*x3^4 + 9730369/273*x1^2*x2^17*x3^5
 - 2762008035/4914*x1^2*x2^16*x3^6 + 35119464103/39312*x1^2*x2^15*x3^7 - 3028073561/2184*x1^2*x2^14*x3^8
 + 8382833511/39312*x1^2*x2^13*x3^9 - 786309491/252*x1^2*x2^12*x3^10 + 2088658513/504*x1^2*x2^11*x3^11
 - 3649133779/756*x1^2*x2^9*x3^12 + 9541901953/19656*x1^2*x2^8*x3^13 - 13704921407/3276*x1^2*x2^8*x3^14
 + 577103823/1872*x1^2*x2*x3^15 - 3821722657/19656*x1^2*x2*x3^16 + 105550675/1008*x1^2*x2^5*x3^17
 - 2353402895/4914*x1^2*x2^4*x3^18 - 364901723/19656*x1^2*x2^3*x3^19 - 68747083/117*x1^2*x2^2*x3^20
 + 61386503/3024*x1^2*x2^2*x3^2 - 153101773/4368*x1^2*x2^19*x3^4 - 607318357/39312*x1^2*x2^18*x3^5
 - 202762689/1456*x1^2*x2^17*x3^6 - 1474981637/2457*x1^2*x2^16*x3^7 - 6049253935/39312*x1^2*x2^15*x3^8
 + 2947600405/4982*x1^2*x2^14*x3^9 - 1590109645/336*x1^2*x2^13*x3^10 + 90074765/144*x1^2*x2^12*x3^11
 - 2358880505/336*x1^2*x2^11*x3^12 + 104401611/3024*x1^2*x2^10*x3^13 - 1847967849/1872*x1^2*x2^9*x3^14
 + 78398801249/19656*x1^2*x2^8*x3^15 - 4566630907/1872*x1^2*x2^7*x3^16 + 25061805449/19656*x1^2*x2^6*x3^17
 - 7420743215/13104*x1^2*x2^5*x3^18 + 833119853/39312*x1^2*x2^4*x3^19 - 2600987981/39312*x1^2*x2^3*x3^20
 + 233569711/2457*x1^2*x2^4*x3^18 - 419604473/1638*x1^19*x2^2*x3^2 - 5651402317/19656*x1^19*x2^3*x3^4
 + 504296495/819*x1^18*x2*x3^2 - 2048647187/2808*x1^18*x2*x3^2 + 16118010563/13104*x1^17*x2^2*x3^5
 - 887299417/1512*x1^17*x2^2*x3^2 - 4363108349/2457*x1^15*x2^2*x3^2 - 62759813569/13104*x1^15*x2^3*x3^2
 - 108775187951/39312*x1^13*x2*x3^2 - 12921627067/1512*x1^13*x2*x3^3 + 102876649/252*x1^11*x2^2*x3^11
 - 4666718143/504*x1^11*x2^2*x3^12 - 786434737/378*x1^10*x2^2*x3^2 + 1083809965/2808*x1^18*x2^3*x3^2
 + 11966713889/39312*x1^9*x2*x3^2 - 23953748089/39312*x1^9*x2*x3^3 + 20445873011/6552*x1^8*x2^2*x3^2
 + 533753517/1512*x1^8*x2^2*x3^15 - 3824163571/1512*x1^7*x2^2*x3^15 - 93530935049/39312*x1^7*x2^3*x3^16
 - 2585983241/1512*x1^6*x2^2*x3^16 + 6781193241/1512*x1^6*x2^2*x3^17 + 12650669317/13104*x1^5*x2^2*x3^17
 - 1483936153/2808*x1^5*x2*x3^18 - 743530565/1638*x1^4*x2^2*x3^18 + 3869570963/19656*x1^4*x2*x3^19
 + 293318645/19656*x1^3*x2^2*x3^19 - 151638749/2457*x1^2*x2^1*x2^2*x3^20 + 1803809965/2808*x1^18*x2^3*x3^2
 - 51436792795/39312*x1^2*x2^1*x2^2*x3^3 - 52687530425/39312*x1^1*x2^1*x2^3*x3^4 - 4528135759/39312*x1^1*x2^6*x3^3
 - 516766809/144*x1^1*x2^5*x3^4 - 1306381953/373/39312*x1^1*x2^4*x3^5 + 4912648637/13104*x1^1*x2^3*x3^6
 - 63375044743/13104*x1^1*x2^2*x3^7 - 30873491827/5616*x1^1*x2^2*x3^8 - 905330837/1872*x1^1*x2^6*x3^5
 - 3299571167/624*x1^1*x2^5*x3^6 - 159830503/432*x1^1*x2^4*x3^7 - 14339696453/3024*x1^1*x2^3*x3^4
 - 418177537/112*x1^1*x2^2*x3^8 - 1560155737/3024*x1^1*x2^2*x3^7 - 826383071/432*x1^1*x2^2*x3^6
 - 11617720259/1512*x1^1*x2^3*x3^10 + 2721498781/1008*x1^1*x2^1*x2^3*x3^10 + 10322696719/3024*x1^1*x2^2*x3^10
 + 300869059/112*x1^1*x2^2*x3^5 + 9051361507/3024*x1^1*x2^2*x3^6 + 1602580823/3024*x1^1*x2^2*x3^9
 - 527078467/1512*x1^1*x2^4*x3^10 - 66315679/36*x1^1*x2^2*x3^3 - 314103955/1512*x1^1*x2^2*x3^4
 - 99589733/756*x1^1*x2^2*x3^5 - 3893092081/1512*x1^1*x2^2*x3^6 + 368501767/756*x1^1*x2^2*x3^9
 - 16443159337/3024*x1^1*x2^5*x3^10 + 1302792683/1008*x1^1*x2^4*x3^11 + 2627971279/3024*x1^1*x2^3*x4
 + 6853925/1008*x1^1*x2^2*x3^11*x3^10 + 544243555/432*x1^1*x2^2*x3^11*x3^6 + 315609059/1512*x1^1*x2^1*x3^9
 - 444830333/189*x1^1*x2^6*x3^10 + 4828863623/819*x1^1*x2^3*x3^13 - 6134719783/6552*x1^1*x2^4*x3^11
 - 366112813/2457*x1^1*x2^2*x3^13*x3^4 - 5074225/36*x1^1*x2^2*x3^12*x3^5 - 874633513/756*x1^1*x2^2*x3^11*x3^6
 + 88599349/42*x1^1*x2^2*x3^9 - 12374691233/3024*x1^1*x2^2*x3^10 + 176747664029/39312*x1^1*x2^2*x3^13
 - 2581187853/5616*x1^1*x2^2*x3^14 + 58324081/84*x1^1*x2^2*x3^15*x3^3 - 1810619663/6552*x1^1*x2^2*x3^14
 + 227271385/936*x1^1*x2^2*x3^15*x3^5 + 47965307/216*x1^1*x2^2*x3^16*x3^6 + 315609059/1512*x1^1*x2^1*x3^9
 - 931923437/3024*x1^1*x2^2*x3^16*x3^8 + 3235683793/624*x1^1*x2^2*x3^13 - 15869413441/39312*x1^1*x2^1*x3^6
 - 38682103/819*x1^1*x2^2*x3^16*x3^9 + 692930517/19656*x1^1*x2^2*x3^15*x3^4 - 1104956341/6552*x1^1*x2^2*x3^5
 - 326859335/936*x1^1*x2^2*x3^13*x3^6 + 2081126617/


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+ 38532650791/4284*v1^10*v2^10*v3^6 + 45997060273/5712*v1^10*v2^9*v3^7 + 25672462577/4284*v1^10*v2^8*v3^8
+ 64990845481/4896*v1^10*v2^7*v3^9 - 3150546439/2142*v1^10*v2^6*v3^10 + 41501804403/1904*v1^10*v2^5*v3^11
- 156286393421/17136*v1^10*v2^4*v3^12 + 5495816371/204*v1^10*v2^3*v3^13 - 110898244427/17136*v1^9*v2^14*v3^3
- 94685972401/34272*v1^9*x2^213*v3^4 - 81153549977/34272*v1^9*x2^12*x3^5 - 34940859401/4896*v1^9*x2^11*x3^6
- 64508887573/34272*x1^9*x2^10*x3^7 - 31382827859/3808*x1^9*x2^9*x3^8 - 68736784919/4896*v1^9*x2^7*x3^10
+ 108257671591/11424*v1^9*x2^6*x3^11 - 256725238577/11424*v1^9*x2^5*x3^12 + 515514325129/34272*v1^9*x2^4*x3^13
- 788734658449/34272*x1^9*x2^2*x3*x3^14 + 161543625097/34272*x1^8*x2^15*x3^3 - 13190904449/8568*v1^8*x2^14*x3^4
+ 4025292053/4284*v1^8*x2^13*x3^8 + 61725061483/17136*v1^8*x2^12*x3^6 + 10128006233/4284*v1^8*x2^11*x3^7
+ 327583400/1071*v1^8*x2^10*x3^8 + 2582288071/3808*x1^8*x2^9*x3^9 - 26982791893/4284*v1^8*x2^8*x3^10
+ 928949741/612*x1^8*x2^7*x3^11 - 128529006199/8568*v1^8*x2^6*x3^12 + 47171548759/2142*v1^8*x2^5*x3^13
- 73326914287/4284*v1^8*x2^4*x3^14 + 520999093503/34272*v1^8*x2^3*x3^15 - 8092446487/2448*v1^7*x2^16*x3^3
+ 319621095/238*x1^7*x2^15*x3^8 - 408894655/1071*v1^7*x2^14*x3^5 - 1890273059/816*x1^7*x2^13*x3^6
+ 26787841/28*x1^7*x2^12*x3^7 - 20517909067/4284*v1^7*x2^11*x3^8 + 205175167067/34272*v1^7*x2^10*x3^9
+ 14365470836/1071*x1^7*x2^8*x3^11 - 1036972653/56*x1^7*x2^7*x3^12 + 17679656839/952*x1^7*x2^6*x3^13
- 173642668859/8568*x1^7*x2^5*x3^14 + 44868121859/2856*x1^7*x2^4*x3^15 - 443366431301/34272*x1^7*x2^3*x3^16
+ 74221414507/34272*x1^6*x2^17*x3^3 - 265785263/168*x1^6*x2^16*x3^4 + 13061011009/17136*v1^6*x2^15*x3^5
+ 2573628359/8568*x1^6*x2^12*x3^6 - 497720341/816*x1^6*x2^13*x3^7 - 1071738317/17136*v1^6*x2^12*x3^8
+ 179133945829/17136*v1^6*x2^11*x3^9 - 32231535639/4284*v1^6*x2^10*x3^10 - 232933763053/17136*v1^6*x2^9*x3^11
- 300316492829/17136*v1^6*x2^8*x3^12 - 116403428531/5712*x1^6*x2^7*x3^13 - 328148966111/17136*v1^6*x2^6*x3^14
+ 145937828021/8568*x1^6*x2^5*x3^15 - 23229156323/1904*v1^6*x2^4*x3^16 + 6638827087/2016*v1^6*x2^3*x3^17
- 14551528003/11424*x1^5*x2^18*x3^3 + 5383249475/4284*v1^5*x2^17*x3^4 - 6403614599/8568*v1^5*x2^16*x3^5
- 4381723391/17136*v1^5*x2^15*x3^6 + 3270351565/2142*v1^5*x2^14*x3^7 - 18444341497/4284*v1^5*x2^13*x3^8
+ 253940758663/34272*x1^5*x2^12*x3^9 - 5410421855/476*x1^5*x2^11*x3^10 - 163705249705/8568*v1^5*x2^9*x3^12
+ 89214619343/4284*x1^5*x2^8*x3^13 - 17373542353/8568*x1^5*x2^7*x3^14 + 289894136485/17136*v1^5*x2^6*x3^15
- 217953548053/17136*v1^5*x2^5*x3^16 + 278001017215/34272*x1^5*x2^4*x3^17 - 7935597597/17136*v1^5*x2^3*x3^18
+ 8304622187/11424*v1^4*x2^19*x3^9 - 138498183/1264*x1^4*x2^18*x3^4 + 6551155252/4284*v1^4*x2^11*x3^11
- 386915363/168*x1^4*x2^16*x3^6 + 844518195/238*x1^4*x2^15*x3^7 - 43715439449/8568*v1^4*x2^14*x3^8
+ 250583264639/34272*x1^4*x2^13*x3^9 - 84497518849/8568*x1^4*x2^12*x3^10 + 4487814238/357*x1^4*x2^11*x3^11
- 255159082625/17136*v1^4*x2^10*x3^12 + 197823649/17136*x1^4*x2^9*x3^13 - 141383704829/8568*v1^4*x2^8*x3^14
+ 420769151457/2856*x1^4*x2^7*x3^5 - 6503209057/5712*x1^4*x2^6*x3^16 + 3766460571/4896*v1^4*x2^5*x3^17
- 2789796963/63*x1^4*x2^4*x3^18 + 9436890877/4284*x1^4*x2^3*x3^19 - 284879981/816*x1^3*x2^20*x3^3
+ 7490627915/11424*x1^3*x2^19*x3^4 - 11973879475/11424*x1^3*x2^18*x3^5 + 47068891291/34272*x1^3*x2^17*x3^6
- 286793231/2448*x1^3*x2^16*x3^7 - 10480497719/34272*x1^3*x2^15*x3^8 + 60515382685/17136*v1^3*x2^14*x3^9
- 288757936933/34272*x1^3*x2^13*x3^10 + 476636152511/34272*x1^3*x2^12*x3^11
+ 69410735101/34272*x1^3*x2^10*x3^13 - 661749981145/17136*x1^3*x2^9*x3^14 + 68998811099/4284*v1^3*x2^8*x3^15
- 23892836617/2016*x1^3*x2^7*x3^16 + 131261623403/17136*x1^3*x2^6*x3^17 - 149007623885/34272*x1^3*x2^5*x3^18
+ 73243152055/34272*x1^3*x2^4*x3^19 - 147604771/1632*x1^3*x2^3*x3^20 - 12269623043/4284*x1^19*x2^3*x3^4
- 306718201505/34272*x1^17*x2^4*x3^5 - 151477565179/8568*x1^15*x2^5*x3^6 - 634539179123/34272*x1^13*x2^10*x3^3
- 268241441/12*x1^13*x2^9*x3^4 - 758987513/4284*x1^13*x2^8*x3^5 - 10956197709/5712*x1^13*x2^7*x3^6
- 17195251901/952*x1^13*x2^6*x3^7 - 2330976778/1071*x1^13*x2^5*x3^8 - 470298334871/34272*x1^13*x2^4*x3^9
- 5944100729/204*x1^2*x3^10 + 755*x1^2*x4/v4 - 881*x1^2*x3^11 - 291*x1^2*x4/v4/16 + 61*x1^2*x3^12 - 109*x1^2*x3^13
- 67*x1^2*x4/v4/16 - 179*x1^2*x3^2/v2/16 - 2*x1^2*x3*x4 - 67*x1^2*x2/v2/16 + 61*x1^3*x3/8 - 179*x1^2*x4/v4/16 + 131*x1^2*x3/8
- 109*x1^4*x3/16,
LOMI_9_4 = -881*x4^5/72 + 845*x1^3*x3*v2/24 + 865*x1^3*x3*v1/24 + 803*x3^3*x2*x1/30 + 103*x1^3*x3^2/144 - 223*x1^2*x2*x3*v4/16 - 889*x1^2*x2*x3*v4/16 + 455*x1^2*x2*x3^2*x4/16
+ 641*x1^2*x2*x3*x4/2/16 - 881*x1^2*x3^2/16 + 341*x1^2*x5/36 + 3227*x1^3*x2^2/144 - 199*x1^4*x2/48 - 2765*x1^4*x4/v4/144
- 4067*x1^2*x2*x3^2/144 + 3227*x1^2*x4/4/144 - 19*x1^2*x4^4/48 - 19*x1^2*x4^4/48 + 5375*x3*x4^4/144 - 661*x4^3*x3*x2/36
- 1421*x1^2*x3^2*x4/2/144 - 2125*x1^4*x3*x1/36 - 661*x2^3*x4/v4/36 + 1501*x1^3*x2*x4/v4/36 - 397*x1^2*x3*x1/2/16
- 1421*x1^4*x3^2*x2/144 - 1187*x1^3*x4*x3/36 - 6167*x4^3*x3^2/144 + 839*x1^2*x4/v1/72 + 3721*x1^2*x4/2/144
+ 361*x1^4*x3/144 - 391*x1^3*x4/144 - 3019*x1^3*x4/v1/44 + 2123*x1^3*x4^2/48 + 265*x1^2*x4/v1/44
- 97*x1^2*x2*x3^2*x4/16 + 1235*x1^2*x3^2*x4/24 + 187*x1^2*x3^2*x4/v2/72 - 97*x1^2*x3^2*x4^2/2/6 + 1009*x1^2*x2*x3/36
- 1205*x1^2*x2*x3^2*x4/72 - 367*x1^2*x3*x3/2/8 - 2879*x1^2*x4/v2/72 + 989*x1^2*x3/72 + 1089*x1^2*x3^4/36
- 91*x1^2*x2*x3^2*x4/2/6 + 31*x1^2*x2*x4^2/2/8 - 251*x1^2*x3^2*x4/v2/24 + 3389*x1^2*x3*x4^2/72 - 59*x1^2*x3*x4/2
+ 217*x1^3*x2*x4^2/8 + 14*x1^5 + 5375*x2*x4^2*x1/144 - 6167*x1^2*x3*x2/144 + 2123*x1^2*x3^2/48 - 3019*x1^2*x3^4/144,
LOMI_11_4 = -182871*x1^4*x2*x3*x4/v4/120 - 14671*x1^3*x2*x3*x4/v4/120 - 191*x1^3*x2*x3*x4/v4/15 + 7927*x1^3*x2*x3*x4/v4/60
- 18439*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
- 1081*x1^2*x2*x3*x4/v4/80 + 8873*x1^2*x3*x2*x4/60 + 1957*x1^2*x3*x4/v4/2/15 - 8287*x1^2*x3*x4/60
- 153*x1^2*x2*x3^2*x4/2/40 - 1104*x1^2*x2*x3*x4/3/5 + 5909*x1^2*x3*x4/v4/80 + 7351*x1^2*x3*x4^2/120
+ 2929*x1^2*x2*x3*x4/v4/3/120 + 32753*x1^2*x3*x4/4/240 - 4933*x1^2*x3*x4/7/240 - 4933*x1^2*x3*x4/2/120
+ 1855*x1^2*x3*x4/2/16 - 1061*x1^3*x6/v1/240 + 153*x1^3*x5*x2/v1/4/24 + 83*x1^4*x2*x3/2/30 - 13671*x1^4*x2*x3/2/80
+ 1627*x1^3*x2*x3*x4/2/8 + 14*x1^5 + 5375*x2*x4^2*x1/144 - 6167*x1^2*x3*x2/144 + 2123*x1^2*x3^2/48 - 3019*x1^2*x3^4/144,
LOMI_12_4 = -182871*x1^4*x2*x3*x4/v4/120 - 14671*x1^3*x2*x3*x4/v4/120 - 191*x1^3*x2*x3*x4/v4/15 + 7927*x1^3*x2*x3*x4/v4/60
+ 18439*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
- 1081*x1^2*x2*x3*x4/v4/80 + 8873*x1^2*x3*x2*x4/60 + 1957*x1^2*x3*x4/v4/2/15 - 8287*x1^2*x3*x4/60
- 153*x1^2*x2*x3^2*x4/2/40 - 1104*x1^2*x2*x3*x4/3/5 + 5909*x1^2*x3*x4/v4/80 + 7351*x1^2*x3*x4^2/120
+ 2929*x1^2*x2*x3*x4/v4/3/120 + 32753*x1^2*x3*x4/4/240 - 4933*x1^2*x3*x4/7/240 - 4933*x1^2*x3*x4/2/120
+ 1855*x1^2*x3*x4/2/16 - 1061*x1^3*x6/v1/240 + 153*x1^3*x5*x2/v1/4/24 + 83*x1^4*x2*x3/2/30 - 13671*x1^4*x2*x3/2/80
+ 1627*x1^3*x2*x3*x4/2/8 + 14*x1^5 + 5375*x2*x4^2*x1/144 - 6167*x1^2*x3*x2/144 + 2123*x1^2*x3^2/48 - 3019*x1^2*x3^4/144,
LOMI_13_4 = -2219*x1^2*x2*x3*x4/v4/120 - 2329*x1^2*x2*x3*x4/v4/120 - 2219*x1^2*x2*x3*x4/v4/120
+ 191*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
+ 18439*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
- 1081*x1^2*x2*x3*x4/v4/80 + 8873*x1^2*x3*x2*x4/60 + 1957*x1^2*x3*x4/v4/2/15 - 8287*x1^2*x3*x4/60
- 153*x1^2*x2*x3^2*x4/2/40 - 1104*x1^2*x2*x3*x4/3/5 + 5909*x1^2*x3*x4/v4/80 + 7351*x1^2*x3*x4^2/120
+ 2929*x1^2*x2*x3*x4/v4/3/120 + 32753*x1^2*x3*x4/4/240 - 4933*x1^2*x3*x4/7/240 - 4933*x1^2*x3*x4/2/120
+ 1855*x1^2*x3*x4/2/16 - 1061*x1^3*x6/v1/240 + 153*x1^3*x5*x2/v1/4/24 + 83*x1^4*x2*x3/2/30 - 13671*x1^4*x2*x3/2/80
+ 1627*x1^3*x2*x3*x4/2/8 + 14*x1^5 + 5375*x2*x4^2*x1/144 - 6167*x1^2*x3*x2/144 + 2123*x1^2*x3^2/48 - 3019*x1^2*x3^4/144,
LOMI_14_4 = -2219*x1^2*x2*x3*x4/v4/120 - 2329*x1^2*x2*x3*x4/v4/120 - 2219*x1^2*x2*x3*x4/v4/120
+ 191*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
+ 18439*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
- 1081*x1^2*x2*x3*x4/v4/80 + 8873*x1^2*x3*x2*x4/60 + 1957*x1^2*x3*x4/v4/2/15 - 8287*x1^2*x3*x4/60
- 153*x1^2*x2*x3^2*x4/2/40 - 1104*x1^2*x2*x3*x4/3/5 + 5909*x1^2*x3*x4/v4/80 + 7351*x1^2*x3*x4^2/120
+ 2929*x1^2*x2*x3*x4/v4/3/120 + 32753*x1^2*x3*x4/4/240 - 4933*x1^2*x3*x4/7/240 - 4933*x1^2*x3*x4/2/120
+ 1855*x1^2*x3*x4/2/16 - 1061*x1^3*x6/v1/240 + 153*x1^3*x5*x2/v1/4/24 + 83*x1^4*x2*x3/2/30 - 13671*x1^4*x2*x3/2/80
+ 1627*x1^3*x2*x3*x4/2/8 + 14*x1^5 + 5375*x2*x4^2*x1/144 - 6167*x1^2*x3*x2/144 + 2123*x1^2*x3^2/48 - 3019*x1^2*x3^4/144,
LOMI_15_4 = -2219*x1^2*x2*x3*x4/v4/120 - 2329*x1^2*x2*x3*x4/v4/120 - 2219*x1^2*x2*x3*x4/v4/120
+ 191*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
+ 18439*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
- 1081*x1^2*x2*x3*x4/v4/80 + 8873*x1^2*x3*x2*x4/60 + 1957*x1^2*x3*x4/v4/2/15 - 8287*x1^2*x3*x4/60
- 153*x1^2*x2*x3^2*x4/2/40 - 1104*x1^2*x2*x3*x4/3/5 + 5909*x1^2*x3*x4/v4/80 + 7351*x1^2*x3*x4^2/120
+ 2929*x1^2*x2*x3*x4/v4/3/120 + 32753*x1^2*x3*x4/4/240 - 4933*x1^2*x3*x4/7/240 - 4933*x1^2*x3*x4/2/120
+ 1855*x1^2*x3*x4/2/16 - 1061*x1^3*x6/v1/240 + 153*x1^3*x5*x2/v1/4/24 + 83*x1^4*x2*x3/2/30 - 13671*x1^4*x2*x3/2/80
+ 1627*x1^3*x2*x3*x4/2/8 + 14*x1^5 + 5375*x2*x4^2*x1/144 - 6167*x1^2*x3*x2/144 + 2123*x1^2*x3^2/48 - 3019*x1^2*x3^4/144,
LOMI_16_4 = -2219*x1^2*x2*x3*x4/v4/120 - 2329*x1^2*x2*x3*x4/v4/120 - 2219*x1^2*x2*x3*x4/v4/120
+ 191*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
+ 18439*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
- 1081*x1^2*x2*x3*x4/v4/80 + 8873*x1^2*x3*x2*x4/60 + 1957*x1^2*x3*x4/v4/2/15 - 8287*x1^2*x3*x4/60
- 153*x1^2*x2*x3^2*x4/2/40 - 1104*x1^2*x2*x3*x4/3/5 + 5909*x1^2*x3*x4/v4/80 + 7351*x1^2*x3*x4^2/120
+ 2929*x1^2*x2*x3*x4/v4/3/120 + 32753*x1^2*x3*x4/4/240 - 4933*x1^2*x3*x4/7/240 - 4933*x1^2*x3*x4/2/120
+ 1855*x1^2*x3*x4/2/16 - 1061*x1^3*x6/v1/240 + 153*x1^3*x5*x2/v1/4/24 + 83*x1^4*x2*x3/2/30 - 13671*x1^4*x2*x3/2/80
+ 1627*x1^3*x2*x3*x4/2/8 + 14*x1^5 + 5375*x2*x4^2*x1/144 - 6167*x1^2*x3*x2/144 + 2123*x1^2*x3^2/48 - 3019*x1^2*x3^4/144,
LOMI_17_4 = -2219*x1^2*x2*x3*x4/v4/120 - 2329*x1^2*x2*x3*x4/v4/120 - 2219*x1^2*x2*x3*x4/v4/120
+ 191*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
+ 18439*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
- 1081*x1^2*x2*x3*x4/v4/80 + 8873*x1^2*x3*x2*x4/60 + 1957*x1^2*x3*x4/v4/2/15 - 8287*x1^2*x3*x4/60
- 153*x1^2*x2*x3^2*x4/2/40 - 1104*x1^2*x2*x3*x4/3/5 + 5909*x1^2*x3*x4/v4/80 + 7351*x1^2*x3*x4^2/120
+ 2929*x1^2*x2*x3*x4/v4/3/120 + 32753*x1^2*x3*x4/4/240 - 4933*x1^2*x3*x4/7/240 - 4933*x1^2*x3*x4/2/120
+ 1855*x1^2*x3*x4/2/16 - 1061*x1^3*x6/v1/240 + 153*x1^3*x5*x2/v1/4/24 + 83*x1^4*x2*x3/2/30 - 13671*x1^4*x2*x3/2/80
+ 1627*x1^3*x2*x3*x4/2/8 + 14*x1^5 + 5375*x2*x4^2*x1/144 - 6167*x1^2*x3*x2/144 + 2123*x1^2*x3^2/48 - 3019*x1^2*x3^4/144,
LOMI_18_4 = -2219*x1^2*x2*x3*x4/v4/120 - 2329*x1^2*x2*x3*x4/v4/120 - 2219*x1^2*x2*x3*x4/v4/120
+ 191*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
+ 18439*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
- 1081*x1^2*x2*x3*x4/v4/80 + 8873*x1^2*x3*x2*x4/60 + 1957*x1^2*x3*x4/v4/2/15 - 8287*x1^2*x3*x4/60
- 153*x1^2*x2*x3^2*x4/2/40 - 1104*x1^2*x2*x3*x4/3/5 + 5909*x1^2*x3*x4/v4/80 + 7351*x1^2*x3*x4^2/120
+ 2929*x1^2*x2*x3*x4/v4/3/120 + 32753*x1^2*x3*x4/4/240 - 4933*x1^2*x3*x4/7/240 - 4933*x1^2*x3*x4/2/120
+ 1855*x1^2*x3*x4/2/16 - 1061*x1^3*x6/v1/240 + 153*x1^3*x5*x2/v1/4/24 + 83*x1^4*x2*x3/2/30 - 13671*x1^4*x2*x3/2/80
+ 1627*x1^3*x2*x3*x4/2/8 + 14*x1^5 + 5375*x2*x4^2*x1/144 - 6167*x1^2*x3*x2/144 + 2123*x1^2*x3^2/48 - 3019*x1^2*x3^4/144,
LOMI_19_4 = -2219*x1^2*x2*x3*x4/v4/120 - 2329*x1^2*x2*x3*x4/v4/120 - 2219*x1^2*x2*x3*x4/v4/120
+ 191*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
+ 18439*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3*x4/v4/60
- 1081*x1^2*x2*x3*x4/v4/80 + 8873*x1^2*x3*x2*x4/60 + 1957*x1^2*x3*x4/v4/2/15 - 8287*x1^2*x3*x4/60
- 153*x1^2*x2*x3^2*x4/2/40 - 1104*x1^2*x2*x3*x4/3/5 + 5909*x1^2*x3*x4/v4/80 + 7351*x1^2*x3*x4^2/120
+ 2929*x1^2*x2*x3*x4/v4/3/120 + 32753*x1^2*x3*x4/4/240 - 4933*x1^2*x3*x4/7/240 - 4933*x1^2*x3*x4/2/120
+ 1855*x1^2*x3*x4/2/16 - 1061*x1^3*x6/v1/240 + 153*x1^3*x5*x2/v1/4/24 + 83*x1^4*x2*x3/2/30 - 13671*x1^4*x2*x3/2/80
+ 1627*x1^3*x2*x3*x4/2/8 + 14*x1^5 + 5375*x2*x4^2*x1/144 - 6167*x1^2*x3*x2/144 + 2123*x1^2*x3^2/48 - 3019*x1^2*x3^4/144,
LOMI_20_4 = -2219*x1^2*x2*x3*x4/v4/120 - 2329*x1^2*x2*x3*x4/v4/120 - 2219*x1^2*x2*x3*x4/v4/120
+ 191*x1^2*x2*x3*x4/v4/120 - 191*x1^2*x2*x3*x4/v4/5 - 15881*x1^2*x2*x3*x4/v4/120 - 5273*x1^2*x2*x3
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$+ 225385*v1^5*v2^3*3*v4/504 + 48805*v1^5*v2^2*v4^2/144 + 67845*v1^5*v2*v4^3/112 + 26333*v1^5*v4^4/72$
 $+ 76721*v3^7*v1^2/1008 - 136*v3^8*v1/63 + 48277*v3^7*v2*v1/1008 - 4894*v1^8*v3/63 + 125627*v1^7*v3^2/1008$
 $+ 158747*v1^7*v3*v2/504 - 56257*v1^6*v2^2*v3/336 - 274283*v1^6*v2*v3^2/504 + 53965*v1^5*v2^3*v3/252$
 $+ 30371*v1^5*v2^2*v3/2/144 + 7129*v1^4*v2^4*v3/84 - 33077*v1^4*v2^3*v3^2/72 - 1631*v1^3*v2^5*v3/24$
 $+ 39875*v1^3*v2^4*v3^2/504 + 155045*v1^2*v2^4*v3^3/336 - 8591*v1^2*v2^3*v3^4/12 + 54109*v1^2*v2^2*v3^5/144$
 $- 121273*v1^2*v2*v3^6/504 + 25015*v1^2*v3^3/144 - 64699*v1^2*v4^3/252 + 114755*v1^2*v3*v3^5/504$
 $- 44869*v1^2*v2^2*v3^6/336 - 50263*v1^6*v3/3/1008 + 63633*v1^5*v2*v3^3/112 - 2293*v1^5*v3^4/72$
 $+ 8861*v1^4*v3^5/72 + 93875*v1^3*v2*v3^5/252 - 105461*v1^3*v3^6/1008 + 23969*v1^4*v2^2*v3^3/168$
 $- 79189*v1^3*v2^2*v3^4/336 - 4055*v1^2/9/126 + 527*v3^9/63 + 1424*v1^2*v2^8/63 - 4471*v3^8*v4/126$
 $- 35275*v2^2*v3^6*v4/336 - 198*v1^2*v3^3*v2^4*v3 - 487*v1^4*v2^3*v3*v4/336 - 355633*v1^3*v2^4*v3^4/1008$
 $+ 230455*v1^3*v2^3*v3^3/2*v4/504 + 14351*v1^3*v2^3*v3*v4/2/56 - 13919*v1^2*v3^4*v5/504 - 657*v1^2*v2^3*v3^4/2$
 $+ 255211*v1^3*v2^3*v3^3/1008 - 37783*v1^4*v2^4*v4/72 + 43753*v1^4*v3^4*v4/72 + 29687*v1^3*v2^3*v4/3/72$
 $- 135895*v1^3*v2^3*v3^4/336 - 16321*v1^3*v2^2*v3^4/2/3 - 8081*v1^2*v2^6*v4/84 - 26785*v1^2*v2^5*v3^2/72$
 $- 15397*v1^2*v2^5*v3^4/1008 - 11705*v1^2*v2^5*v4/2/72 - 47875*v1^2*v2^4*v3^2*v4/504$
 $+ 69079*v1^2*v2^4*v3^4/2/168 - 35761*v1^2*v2^4*v3^3*v4/2/52 - 5653*v1^2*v2^3*v3^2*v4/2/18$
 $- 19766*v1^2*v2*v3^4/4/2/63 + 688*v1^2*v3^5*v4/2/3 - 67241*v1^2*v6*v3/2/1008 - 2659*v1*v2^6*v4/2/28$
 $+ 129209*v1^2*v2^5*v3^2/4/252 + 180427*v1^2*v5^3*v4/2/336 - 72461*v1^2*v4^3*v3/4/126$
 $- 28199*v1^2*v4^3*v2^4/2/112 - 10105*v1^2*v4^3*v3/4/10 - 43451*v1^2*v3^3*v4/4/84$
 $+ 78899*v1^2*v3^3*v3^2*v4/2/52 + 95189*v1^2*v3^3*v4/4/144 - 183023*v1^2*v2^3*v3^5*v4/504 + 74455*v1*v3^6*v4/2/504$
 $- 791*v1^2*v2^2*v3^2*v4/3/18 + 45989*v1^2*v2^2*v3/4/72 - 5752*v1^2*v2^3*v3^4/63$
 $- 40939*v1^2*v2^2*v3^2*v4/4/168 - 83705*v1^2*v2^3*v3^4/2/52 + 1045*v1^2*v2^3*v4/2/84$
 $- 14775*v1^2*v2^2*v3^3*v4/3/28 + 245695*v1^2*v2^3*v2^4/4/1008 - 748025*v1^2*v2^3*v4/5/1008$
 $+ 20821*v1^2*v3^5*v4/2/1008 - 10333*v1^2*v3^4*v4/3/112 + 27441*v1^2*v3^3*v4/4/112$
 $- 99559*v1^2*v3^2*v4/5/1008 - 35275*v1^2*v3^6*v4/2/336 + 248347*v1^2*v6*v3/1008 - 203845*v1^5*v2^2*v3*v4/1008$
 $+ 517057*v1^5*v2*v3^2*v4/1008 + 79999*v1^5*v2*v3*v4/2/168 - 74807*v1^4*v2^2*v3^2*v4/1008$
 $+ 94189*v1^4*v2^2*v3*v4/2/252 - 1642*v1^4*v2^3*v3/3 - 5347*v1^4*v2^3*v3^4/16 - 47819*v1^4*v2*v3^2*v4/2/72$
 $- 14777*v1^4*v2^3*v3^4/3/30 - 2571*v1^3*v2^2*v3^3*v4 + 43735*v1^3*v2^3*v3^4/144 + 773*v1^3*v2^3*v3^4/2/2$
 $+ 86999*v1^3*v2^3*v4/4/18 + 921*v1^2*v2^2*v3^4/4/112 + 82151*v3^7*v4/2/504 - 22054*v3^6*v4/3/63$
 $+ 78913*v1^3*v4/4/144 - 9351*v1^2*v2^2*v3^4/16 + 481879*v3^3*v4/6/1008 - 38789*v3^2*v4/7/144 + 1171*v3*v4/8$
 $+ 18225*v1^3*v2^3*v3^4/3/56 + 39931*v1^2*v3^4*v4/4/72 - 22073*v2^3*v3^3*v4/3/126 + 3313*v2^2*v3^5*v4/2/8$
 $- 16537*v1^6*v2*v3^4/5/68 - 791*v1^3*v2^2*v3^2*v4/2/18 + 72171*v1^2*v2^2*v3^3*v4/2/18$
 $- 95321*v1^2*v2^3*v5*v4/1008 - 56969*v1^2*v3^6*v4/21 + 33329*v1^2*v3^6*v4/168 + 31933*v1^2*v3*v4/8/4$
 $+ 55*v1^9 + 139*v1^3*v7*v2/4/42 - 13439*v3^7*v1*v4/144 + 108987*v2^7*v1/4/1008 - 1280*v2^7*v1*v3/63$
 $+ 28127*v1^5*v2^4/72 - 24335*v1^8*v2/126 - 288101*v1^7*v2/2/1008 - 212663*v1^6*v2/3/504 - 11891*v1^4*v2^5/36$
 $+ 178849*v1^3*v2^6/1008 - 59939*v1^2*v6*v4/7/504 - 4055*v1^2*v6*v4/3/168 - 415*v2^5*v4/4/9$
 $- 415*v2^2*v4/5/96 + 12893*v2^3*v4/6/168 - 50839*v2^4*v7/504 - 4967*v2^4*v8/126 - 50839*v2^7*v4/2/504$
 $+ 1171*v2^8*v3/9 - 38789*v2^7*v3^2/144 - 481879*v2^6*v3^3/1008 - 9351*v2^5*v3/4/16 + 78913*v2^4*v3^5/144$
 $+ 22054*v2^3*v3^6/63 + 82151*v2^2*v3^7/504 - 4471*v2^3*v8/126,$
 $\text{LOMI_15_4} = 1124397*v1^5*v2^3*v3^5/560 + 538919*v1^5*v2^3*v4/5/280 - 128483*v1^5*v3*v4/5/560 + 598411*v1^4*v3*v4/4/420$
 $+ 243899*v2/11/5040 + 12059*v3^11/2520 - 888829*v3^8*v4/3/1260 + 2387641*v3^7*v4/4/1680 - 1132183*v3^6*v4/5/504$
 $+ 616569*v3^5*v4/6/280 - 126143*v3^4*v4/7/70 + 1167961*v3^3*v4/8/1008 + 78391*v3^9*v4/2/315$
 $- 132191*v3^2*v4/9/240 + 138713*v3^4*v10/630 - 93139*v1^3*v4/9/144 + 263653*v1^9*v3*v4/1680$
 $+ 40729*v1^6*v2^4*v4/5/560 + 1292353*v1^6*v3*v4/4/840 - 180307*v1^5*v3^5*v4/560 - 58133*v1^5*v3*v4/2/840$
 $- 1642973*v1^5*v3^3*v4/3/1680 - 649301*v1^5*v3^2*v4/4/840 + 227401*v1^4*v3^6*v4/1680$
 $+ 266989*v1^4*v3^5*v4/2/420 - 375031*v1^4*v3^4*v4/3/1680 - 1886723*v1^4*v3^2*v4/5/1680$
 $+ 1000459*v1^4*v3^4*v6/420 + 968939*v1^7*v4/4/80 - 3932359*v1^6*v2*v4/4/1680 - 2353527*v1^6*v4/5/1680$
 $+ 383241*v1^5*v4/6/280 - 132809*v1^4*v2^4/v6/112 - 155083*v1^4*v4/7/140 + 3771721*v1^3*v4/8/5040$
 $- 3656569*v1^8*v2^6*v3/630 - 829819*v1^2*v3^4/4/840 - 1034911*v1^4*v2^2*v3^5*v4/5/1680 + 35485*v1^3*v2^3*v3^4/5/56$
 $+ 15013*v1^3*v2^4*v4/4/168 - 1195561*v1^10*v4/5040 - 487353*v1^9*v2^4/v3/360 + 19013*v1^9*v4/2/36$
 $+ 1815471*v1^2*v2^5*v4/4/1680 + 36341*v1^2*v2^4*v4/5/1680 - 218437*v1^2*v4/9/560 - 378739*v1^2*v2^6*v4/4/840$
 $+ 85039*v1^2*v5*v4/5/280 + 537419*v1^2*v4^2*v4/280 - 166703*v1^2*v4/9/840 + 218923*v1^4*v10/1260$
 $+ 918931*v1^3*v2^6*v3/2/2520 + 329031*v1^3*v2^5*v3^3/144 - 2895919*v1^3*v2^4*v3^4/5040$
 $+ 569749*v1^3*v2^3*v3^5/5040 - 292123*v1^3*v2^3*v3^6/315 - 23836*v1^3*v2^3*v4/2/315$
 $- 579907*v1^3*v3^5*v4/3/720 + 30895*v1^3*v3^2*v4/4/36 - 270671*v1^3*v3^3*v4/5/144 + 1875443*v1^3*v3^2*v4/6/1260$
 $+ 829309*v1^2*v2^6*v3/630 - 248566*v1^2*v2^3*v5/15 + 240273*v1^2*v2^3*v5/140 - 473447*v1^2*v2^3*v3^6/336$
 $+ 7404411*v1^2*v2^2*v3^7/7/840 + 348247*v1^2*v3^7/7/840 - 315937*v1^2*v3^6*v4/3/560 + 179407*v1^2*v3^5*v4/4/140$
 $+ 2420503*v1^2*v2^3*v3^4*v4/5/1680 - 1277031*v1^2*v2^3*v4/6/7/1680 - 14315*v1^2*v3^7*v4/3/18$
 $+ 1647337*v1^3*v2^6*v4/4/1260 - 981297*v1^3*v2^5*v4/5/5040 + 2556973*v1^3*v2^4*v4/6/1260 - 4549123*v1^3*v3^4/7/2520$
 $+ 4916929*v1^7*v2^3*v3/5040 + 7445737*v1^7*v2^3*v4/5/5040 + 8634737*v1^7*v2^2*v3/2/840 + 381733*v1^7*v2^2*v4/2/280$
 $- 277733*v1^6*v2^4*v3/720 - 7179899*v1^6*v2^4*v4/5040 - 2800213*v1^6*v2^3*v3/2/1680$
 $- 3077471*v1^6*v2^3*v4/2/1680 - 208637*v1^6*v2^3*v2^3/3/630 - 6129079*v1^6*v2^2*v3^4/5040$
 $+ 256611*v1^5*v2^5*v3/3/5040 + 361079*v1^4*v2^5*v4/2/280 + 2330771*v1^5*v2^4*v3^2/280 + 929659*v1^5*v2^4*v2/315$
 $- 4665203*v1^4*v2^6*v3/5040 - 73229*v1^4*v2^5*v3/2/60 - 1687043*v1^4*v2^5*v4/2/1680$
 $+ 3834623*v1^4*v2^4*v3/5040 - 380617*v1^4*v2^4*v4/3/720 + 547327*v1^4*v2^2*v3^5/5040 - 380753*v1^3*v2^7*v3/8/40$
 $+ 3370033*v1^3*v2^3*v4/5/5040 + 1266491*v1^3*v2^6*v4/2/840 + 1516673*v1^2*v2^3*v5*v4/3/180 - 24969*v1^2*v2^7*v4/2/80$
 $+ 259901*v1^2*v2^6*v4/3/5040 + 248737*v1^2*v3^3*v3/8/40 - 1734589*v1^2*v6*v2/4/2520 + 329519*v1^2*v2^5*v3/5/360$
 $- 4420103*v1^2*v2^4*v3/6/5040 + 2860813*v1^2*v2^3*v3/7/5040 - 347929*v1^2*v3^3*v4/630 - 1691341*v1^2*v3^2*v4/2/1680$
 $+ 331537*v1^2*v3^4*v4/2/1260 + 93697*v1^2*v6*v3^4/2/56 + 2842457*v1^2*v6*v3^2*v4/3/5040 - 36077*v1^2*v3^5*v4/7/220$
 $- 503623*v1^2*v3^5*v4/4/236 - 2510147*v1^2*v5*v3^4/3/2520 - 1361471*v1^2*v3^4*v6*v4/5040$
 $+ 401371*v1^2*v3^5*v4/2/240 - 281867*v1^2*v3^4*v4/3/2520 + 104247*v1^2*v3^7*v4/5040$
 $- 4908871*v1^2*v3^6*v4/2/5040 - 66077*v1^2*v3^2*v4/4/5040 + 683539*v1^2*v3^2*v4/7/280$
 $- 4908871*v1^2*v3^6*v4/2/5040 - 1734589*v1^2*v6*v2/4/2520 + 329519*v1^2*v2^5*v3/5/360$
 $- 4420103*v1^2*v2^4*v3/6/5040 + 2860813*v1^2*v2^3*v3/7/5040 - 347929*v1^2*v3^3*v4/630 - 1691341*v1^2*v3^2*v4/2/1680$
 $+ 331537*v1^2*v3^4*v4/2/1260 + 93697*v1^2*v6*v3^4/2/56 + 2842457*v1^2*v6*v3^2*v4/3/5040 - 36077*v1^2*v3^5*v4/7/220$
 $- 503623*v1^2*v3^5*v4/4/236 - 2510147*v1^2*v5*v3^4/3/2520 - 1361471*v1^2*v3^4*v6*v4/5040$
 $+ 401371*v1^2*v3^5*v4/2/240 - 503623*v1^2*v3^4*v4/5/336 + 104247*v1^2*v3^7*v4/3/5040 - 1361471*v1^2*v3^6*v4/4/5040$
 $- 36077*v1^2*v3^5*v4/5/720 + 331537*v1^2*v3^4*v4/6/1260 - 347929*v1^2*v3^4*v7/630 - 95875*v1^2*v2^7*v3^2/112$
 $- 533779*v1^8*v2^2*v3/7/720 - 593459*v1^2*v2^3*v2/4/20 + 9644189*v1^2*v2^3*v3/5/5040 - 835999*v1^2*v2^7*v4/4/5040$
 $+ 528973*v1^2*v2^4*v3/2/2520 + 378299*v1^2*v2^7*v3/2/360 - 307549*v1^2*v3^4*v2/3/36 - 121013*v1^2*v3^7*v4/3/90$
 $+ 467171*v1^3*v2^3*v4/7/14 - 249047*v1^3*v2^3*v4/7/240 - 4940711*v1^3*v2^3*v4/7/2520 - 244593*v1^2*v2^2*v4/7/560$
 $+ 24613*v1^2*v2^3*v4/8/1008 + 599527*v1^2*v3^4*v8/5040 + 2774713*v1^2*v3^2*v4/8/2520 - 1657613*v1^2*v3^2*v4/1680$
 $+ 7536691*v1^8*v2^4*v3/4/270 - 589104*v1^7*v2^4*v3/4/5040 + 10439501*v1^7*v2^4*v3/4/5040 + 30547*v1^7*v2^4*v3/4/270$
 $- 191803*v1^7*v3/4/280 - 698653*v1^6*v3^2*v4/3/1680 - 1604527*v1^8*v3^2*v4/5040 - 239*v1^7*v3^3*v4/8/4$
 $+ 52219*v1^6*v3^3*v4/2/168 - 53135*v1^2*v3^2*v4/6/336 - 616247*v1^2*v3^2*v4/7/1680 + 246497*v1^2*v2^2*v4/8/504$
 $+ 827587*v1^2*v3^2*v3/7/1008 - 12797*v1^3*v3^7*v4/63 - 325967*v1^2*v2^3*v3^8/840 + 38263*v1^2*v3^8*v4/5040$
 $+ 752953*v1^3*v3^8*v4/2/2520 - 85865*v1^2*v2^2*v3/8/336 - 120041*v1^2*v2^3*v8*v4/720 - 120041*v1^2*v3^3*v8*v4/2/720$
 $+ 25201*v1^2*v2^3*v8/4/2520 - 116999*v1^2*v2^3*v8/3/215 + 358407*v1^2*v3^2*v4/2/840 - 212013*v1^2*v3^3*v4/7/90$
 $+ 307549*v1^2*v3^2*v4/8/336 + 350407*v1^2*v3^2*v4/8/840 - 62877*v1^2*v3^2*v4/8/1680 + 122121*v1^7*v3^4/560$
 $+ 474121*v1^6*v2^4*v3/4/210 + 23609*v1^6*v2^3*v3/6/35 - 13022*v1^5*v3^6/35 - 1292881*v1^4*v2^3*v3/6/840$
 $+ 236807*v1^4*v3^7/5/560 - 176207*v1^3*v3^7/8/720 - 11218*v1^3*v3^7/v1^2/105 + 4555*v3^10*v1/504$
 $+ 213371*v1^3*v3^2*v2/1/5040 - 115943*v1^2*v3^2*v4/3/1680 + 915839*v1^1*v3^2/2/5040 - 3625567*v1^9*v3^2/5040$
 $- 1393411*v1^2*v3^5*v4/5/720 - 726581*v1^1*v4/2*v3^2*v4/5/560 + 32377*v1^2*v10/630 - 25457*v1^3*v3^2/5040$
 $+ 1461593*v1^2*v10/4/1680 - 449493*v1^2*v9/3*v4/1260 + 3219373*v1^2*v6*v3^4/4/1680 + 3219373*v1^2*v4/6/1680$
 $+ 449493*v1^2*v3^4/9/1260 + 381281*v1^2*v3^4/6/240 - 65437*v1^2*v2^6*v3^2*v4/3/336$
 $+ 58971*v1^2*v2^6*v3^4/2/560 - 701373*v1^2*v2^5*v3^2*v4/2/560 - 12983*v1^2*v2^5*v3^2*v4/3/14$
 $+ 13981*v1^2*v2^4*v3^4*v4/1260 + 1632733*v1^2*v2^4*v3^4/2/840 + 35677*v1^2*v2^4*v3^2*v4/3/240$
 $+ 1166811*v1^2*v2^4*v3^4*v4/6/60 - 1729553*v1^2*v2^3*v3^5*v4/5040 - 2785759*v1^2*v2^3*v3^4*v4/2/1680$
 $- 1375656*v1^2*v2^3*v3^4/2/1 - 852651*v1^2*v2^3*v3^2*v4/4/88 - 32667*v1^2*v2^2*v3^2*v3^4/5/20$
 $+ 1546671*v1^2*v2^2*v3^2*v3^4/2/512 - 1745671*v1^2*v2^2*v3^2*v3^4/4/88 - 111213*v1^2*v2^2*v3^2*v3^4/5/20$
 $- 734131*v1^2*v2^2*v3^2*v3^4/2/512 + 1745671*v1^2*v2^2*v3^2*v3^4/6/840 - 133537*v1^2*v2^2*v3^2*v3^4/3/14$
 $- 2563811*v1^2*v2^2*v3^4/2/512 - 210571*v1^2*v2^2*v3^4/5/420 - 10303*v1^2*v2^2*v3^2*v4/6/112$
 $- 152311*v1^2*v2^3*v3^4/7/14 - 301987*v1^2*v2^6*v3^4/4/180 - 4716827*v1^2*v2^6*v3^2*v4/2/5040$
 $+ 5162329*v1^2*v2^5*v3^2*v4/2/520 + 564427*v1^2*v2^5*v3^2*v4/2/5040 + 2528821*v1^2*v2^5*v3^2*v4/3/1680$
 $- 9004561*v1^2*v2^4*v3^5*v4/5040 - 3763031*v1^2*v2^4*v3^4*v4/2/5040 - 63031*v1^2*v2^4*v3^4*v4/2/1680$
 $- 125971*v1^2*v2^4*v3^2*v4/4/40 + 940523*v1^2*v2^3*v3^3*v4/7/20 + 61043*v1^2*v2^3*v3^2*v4/2/144$
 $+ 1019551*v1^2*v2^3*v3^4*v4/3/840 - 4349*v1^2*v2^3*v3^2*v4/2/560 - 181429*v1^2*v2^3*v3^2*v4/2/144$
 $+ 4268003*v1^2*v2^2*v3^2*v3^4*v4/5040 - 2740597*v1^2*v2^2*v3^2*v3^4*v4/2/1260 + 6409427*v1^2*v2^2*v3^2*v4/2/5040$
 $+ 11275*v1^2*v3^5*v4/4/30 - 1910161*v1^2*v3^4*v4/5/5040 + 721201*v1^2*v2^3*v3^4*v4/6/630$
 $- 3872317*v1^2*v3^2*v3^4*v4/7/5040 + 296629*v1^2*v2^3*v3^4/2/5040 + 7988159*v1^2*v2^3*v3^2*v4/2/5040$
 $+ 22247*v1^2*v2^2*v3^4*v4/2/105 - 817147*v1^2*v2^2*v3^4*v4/5040 - 1336799*v1^2*v2^2*v3^2*v4/2/5040$
 $- 172622*v1^2*v2^4*v3^4*v4/3/105 - 1871699*v1^2*v2^4*v3^4*v4/2/520 + 81803071*v1^2*v2^3*v3^2*v4/2/5040$
 $- 581799*v1^2*v2^6*v3^4*v4/7/20 + 981589*v1^2*v2^5*v3^4*v4/6/63 + 758081*v1^2*v2^4*v3^4*v4/2/1680$
 $- 2495533*v1^2*v2^4*v3^3*v4/1680 - 5687*v1^2*v3^2*v4/2/5040 - 628571*v1^2*v3^2*v4/2/5040$
 $+ 400927*v1^2*v3^2*v3^4*v4/2/40 + 301061*v1^2*v3^2*v3^4*v4/3/336 + 44727*v1^2*v3^2*v3^4*v4/5/20$
 $+ 2650741*v1^2*v2^3*v3^4*v4/2/1680 - 238387*v1^2*v3^2*v3^4*v4/7/20 - 1206317*v1^2*v2^2*v3^2*v4/2/520$
 $+ 22247*v1^2*v2^2*v3^4*v4/2/105 - 817147*v1^2*v2^2*v3^4*v4/5040 - 1336799*v1^2*v2^2*v3^2*v4/2/5040$
 $- 172622*v1^2*v2^4*v3^4*v4/3/105 - 1871699*v1^2*v2^4*v3^4*v4/2/520 + 81803071*v1^2*v2^3*v3^2*v4/2/5040$
 $- 581799*v1^2*v2^6*v3^4*v4/7/20 + 981589*v1^2*v2^5*v3^4*v4/6/63 + 758081*v1^2*v2^4*v3^4*v4/2/1680$
 $- 2495533*v1^2*v2^4*v3^3*v4/1680 - 5687*v1^2*v3^2*v4/2/5040 - 628571*v1^2*v3^2*v4/2/5040$
 $+ 400927*v1^2*v3^2*v3^4*v4/2/40 + 301061*v1^2*v3^2*v3^4*v4/3/336 + 44727*v1^2*v3^2*v3^4*v4/5/20$
 $+ 2650741*v1^2*v2^3*v3^4*v4/2/1680 - 238387*v1^$

$+ 193643*v2^6*v4^5/1680 + 193643*v2^5*v4^6/1680 - 11234*v2^4*v4^7/35 + 77801*v2^3*v4^8/252$
 $- 1187591*v2^2*v4^9/5040 + 77801*v2^8*v4^3/252 + 146159*v2*v4^10/1680 - 1187591*v2^9*v4^2/5040$
 $- 862979*v1^10*v2^2/240 + 435331*v1^9*v2^2/630 - 606125*v1^8*v2^3/504 - 867997*v1^6*v2^5/560$
 $+ 1015391*v1^5*v2^6/840 - 698321*v1^4*v2^7/840 + 2098499*v1^3*v2^8/5040 - 229021*v1^2*v2^9/1008$
 $+ 2499107*v1^7*v2^4/1680 - 1521077*v1^5*v2^3*v3*v4^2/1680 - 48693*v1^5*v2^2*v3^3*v4/70$
 $+ 115357*v1^5*v2^2*v3^2*v4^2/280 - 2489111*v1^5*v2^2*v3*v4^3/1680 + 1303681*v1^5*v2*v3^4*v4/840$
 $+ 151497*v1^5*v2*v3^2*v4^2/80 + 578281*v1^5*v2*v3^2*v4^3/280 + 208841*v1^4*v2^5*v3*v4/720$
 $- 1360829*v1^4*v2^4*v3^2*v4^2/2520 + 64929*v1^4*v2^4*v3*v4^2/70 - 923389*v1^4*v2^3*v3^3*v4/1680$
 $- 3265357*v1^4*v2^3*v3^2*v4^2/1680 - 328871*v1^4*v2^3*v3*v4^3/420 + 46663*v1^4*v2^2*v3^3*v4^2/30$
 $- 50567*v1^4*v2^2*v3^2*v4^3/560 - 398983*v1^4*v2^3*v5*v4/420 - 62381*v1^4*v2*v3^3*v4^3/60$
 $+ 282227*v1^3*v2^3*v3^2*v4^3/168 - 400853*v1^3*v2^2*v3^5*v4/420 - 17573*v1^3*v2^2*v3^4*v4^2/40$
 $+ 469953*v1^3*v2^3*v3^6*v4/560 + 1382159*v1^3*v2^3*v5*v4/2/1680 - 76001*v1^2*v2^7*v3*v4/840$
 $- 16561*v1^2*v2^2*v3^3*v4/900 + 209291*v1^2*v2^2*v3^5*v4/2/140 - 1565549*v1^2*v2*v3^7*v4/5040$
 $- 372433*v1^2*v2^3*v3^2*v4/280 + 5551123*v1^2*v2^3*v3^2*v4/5840 + 20683*v1^2*v2^3*v6*v4/2/280$
 $- 6861199*v1^2*v2^3*v3^5*v4/5040 - 74029*v1^2*v2^3*v4^2/560 + 75443*v1^2*v2*v3^6*v4/3/180$
 $+ 29993*v1^5*v2*v3*v4^4/16 - 1620*v1^4*v2*v3*v4^4 - 71867*v1^2*v6*v4^4/42 + 3653053*v1^2*v3*v4^4/1680$
 $- 4662523*v1^2*v4^3*v4^5/1680 + 1040677*v1^2*v3^2*v3^3*v4^4/840 + 279613*v1^2*v3^3*v4^6/120$
 $- 2482987*v1^2*v2^3*v3^2*v4^2/1260 + 18767*v1^4*v2^2*v3^4*v4/v8 - 447683*v1^4*v2^3*v4^2/240$
 $+ 1292917*v1^4*v2^3*v3^2*v4^3/460 - 85751*v1^4*v2^3*v4^2/480 + 250307*v1^2*v2^7*v3*v4^2/360$
 $- 2192513*v1^2*v2^8*v3*v4/5040 + 4779107*v1^2*v2^3*v3*v4/8/5040 - 467395*v1^8*v2*v3*v4/5040$
 $+ 520597*v1^2*v2^3*v3^8*v4/1260 - 91*v1^11 + 138713*v2^10*v3/630 - 132191*v2^9*v3^2/240$
 $+ 1167961*v2^8*v3^3/1008 - 126143*v2^7*v3^4/70 + 616569*v2^6*v3^5/280 - 1132183*v2^5*v3^6/560$
 $+ 2387641*v2^4*x^3/1680 - 888829*v2^3*x^3/8/1260 - 78391*v2^2*x^3*v9/315 - 25457*v2*x^3/10/720,$
 $\text{LOMI_17_4} = -117871*v1^6*v2^3*x^6/144 - 2472889*v1^4*v2^5*x^3/4/480$
 $- 667757*v1^6*x2*v4^6/90 + 3052549*v1^6*x3*v4^6/360 - 8327147*v1^5*v3^3*v4^5/1440 + 2505569*v1^4*v3^5*v4^4/720$
 $- 16267*x2^11*v1*x3/60 - 150179*x3^11*v1*x4/480 - 4163*x2^13/60 - 67*x3^13/10 - 237871*x3^11*x4^2/720$
 $- 197291*x3^10*x4^3/160 + 559459*x3^9*x4^4/180 - 2006141*x3^8*x4^5/360 - 737147*x3^7*x4^6/96$
 $- 3945701*x3^6*x4^7/4/160 + 10075093*x3^5*x4^8/1440 - 2243729*x3^4*x4^9/480 + 449231*x3^3*x4^10/180$
 $- 1472203*x3^2*x4^11/1440 + 20963*x3^4*x4^12/60 - 6549383*x1^9*v2^4/1440 + 184595*x1^7*x2^6/32 - 1233*v1^12*x2/2$
 $+ 417601*v1^11*x2^2/288 - 284179*x1^8*x2^3/96 - 704657*x1^6*x2^2/15 - 462373*x1^6*x2^7/96$
 $+ 4673977*x1^5*x2^8/1440 - 462103*x1^2*x2^9/240 + 64973*x1^3*x2^10/72 - 60947*x1^2*x2^11/144$
 $- 114331*x1^2*x4^3*x7/4/24 - 243531*x1^2*x4^3*x6*v4^2/160 - 82079*x1^2*x4^3*x5*v4^3/12$
 $- 11057347*x1^2*x4^3*x5/1440 + 1240463*x1^2*x4^3*x2^4/6/720 - 1554809*x1^2*x4^3*x3*v4^7/160$
 $+ 4365257*x1^2*x2^3*x3^8*v4/1440 + 296579*x1^2*x3^3*x7*v4^2/1440 - 27247*x1^2*x2^2*x3^9*v4/18$
 $- 198785*x1^2*x2^3*x3^9*v4/288 - 2850833*x1^2*x2^5*x3^4*v4/5800 + 4988601*x1^2*x2^4*x3^4*v4/144$
 $+ 34094*x1^2*x5^3*x2^4*x5/1440 - 4435*x1^2*x4^3*x4^4/9 - 15531*x1^7*x2^4*x3*v4/40 + 26731*x1^6*x2^5*x3*v4/40$
 $- 2067091*x1^6*x2^4*x3^2*x4/720 - 276211*x1^6*x2^4*x3^2/480 - 270267*x1^5*x2^6*x3^3*v4/720$
 $+ 99071*x1^5*x2^5*x3^2*x4/20 + 580277*x1^5*x2^5*x3^4*x2^4/480 - 134667*x1^5*x2^4*x3^3*v4/40$
 $- 2896219*x1^5*x2^4*x3^2*x4^2/1440 - 3693719*x1^5*x2^4*x3^4*x3/720 + 704657*x1^4*x2^7*x3*v4/720$
 $- 1653107*x1^4*x2^6*x3^2*x4/720 + 1147567*x1^4*x2^6*x3*v4^2/480 - 63367*x1^4*x2^5*x3*x4/240$
 $- 7307147*x1^4*x2^5*x3^2*x4^2/1440 - 1533131*x1^4*x2^5*x3^3*x4^3/1440 + 743017*x1^4*x2^4*x3^3*x4^2/144$
 $- 147547*x1^4*x2^4*x3^2*x4^3/288 + 238855*x1^3*x2^3*x3^4*x4^3/48 + 128489*x1^3*x2^3*x7*v4^2/90$
 $+ 5577833*x1^2*x2^2*x3^7*x4/1440 - 430577*x1^2*x2*x3^9*v4/480 - 63779*x1^3*x2^4*x3^2*x4^4/48$
 $- 166909*x1^4*x2^4*x3^4*x4/1440 - 79673*x1^5*x2^2*x3^4*x5/10 + 895027*x1^5*x2^3*x2^4*x5/16$
 $+ 2119301*x1^4*x2^2*x3^3*x4/288 - 8197709*x1^4*x2^3*x4^4/1440 + 4536389*x1^4*x2^4*x3^4*x4/720$
 $- 2029573*x1^4*x2^3*x3^2*x4^2/288 - 344813*x1^10*x2^3*x3*v4/144 - 2853*x1^2*x10*x3*v4/480$
 $+ 751259*x1^2*x3^8*v4^10/360 + 210553*x1^2*x3^10*x4/240 - 354511*x2^11*x4/2/720 + 414731*x2^10*x4^3/480$
 $- 28685*x2^9*x4^8/720 - 28685*x2^4*x9/24 + 414731*x2^3*x4^10/480 - 354511*x2^2*x4^11/720 + 4931*x2*v4^12/30$
 $+ 1280027*x1^9*x2^2*x3^2*x4/280 - 8039609*x1^2*x2^5*x3^2*x4/480 - 1280287*x1^2*x2^6*x4^7/480$
 $+ 747667*x2^5*x4^8/720 - 28685*x2^4*x9/24 + 414731*x2^3*x4^10/480 - 354511*x2^2*x4^11/720 + 4931*x2*v4^12/30$
 $+ 921967*x1^7*x2^3*x3^3/180 + 29185*x1^7*x2^3*x4^3/16 - 56098*x1^6*x2^3*x3^4/9 + 86359*x1^6*x2^2*x3^5/72$
 $- 7352021*x1^5*x2^3*x3^2*x4/1440 - 241709*x1^5*x2^2*x3^6/80 - 413189*x1^4*x2^3*x3^6/720$
 $- 1909609*x1^4*x2^2*x3^2*x4/288 - 3484813*x1^10*x2^3*x3*v4/144 - 2853*x1^2*x10*x3*v4/480$
 $+ 751259*x1^2*x3^8*v4^10/360 + 210553*x1^2*x3^10*x4/240 - 354511*x2^11*x4/2/720 + 414731*x2^10*x4^3/480$
 $- 28685*x2^9*x4^8/720 - 28685*x2^4*x9/24 + 414731*x2^3*x4^10/480 - 354511*x2^2*x4^11/720 + 4931*x2*v4^12/30$
 $+ 1280027*x1^9*x2^2*x3^2*x4/280 - 8039609*x1^2*x2^5*x3^2*x4/480 - 1280287*x1^2*x2^6*x4^7/480$
 $- 921967*x1^7*x2^3*x3^3/1440 - 97909*x1^3*x2^6*x3^4/160 + 251287*x1^3*x2^5*x3^5/96 - 883499*x1^3*x2^4*x3^6/240$
 $- 50581*x1^3*x2^8*x4/2/160 - 259703*x1^3*x2^3*x3^7/4/180 + 683939*x1^3*x2^3*x3^6*x4/4/360$
 $- 7057417*x1^3*x2^3*x3^5*x4/1440 - 3812389*x1^3*x2^2*x3^2*x4^3/1440 - 2529469*x1^3*x3^3*x4^7/360$
 $+ 102607*x1^3*x2^3*x4^2/8/24 - 285297*x1^2*x2^9*x3^2*x4/1440 + 1225457*x1^2*x2^8*x3^3/360$
 $- 2350217*x1^2*x2^7*x3^4*x4/480 + 1777057*x1^2*x2^6*x3^5/288 - 1501687*x1^2*x2^3*x3^6*x4/240$
 $+ 2541907*x1^2*x2^3*x3^2*x4^3/288 + 313877*x1^2*x2^2*x3^9*v4/180 + 424259*x1^2*x3^9*x4^2/720$
 $- 373631*x1^2*x3^8*x4^3/360 + 464349*x1^2*x3^7*x4/160 - 6209219*x1^2*x3^6*x4^5/1440$
 $+ 4464071*x1^2*x3^5*x4^6/720 - 1467471*x1^2*x3^4*x4^7/240 + 1034813*x1^2*x3^3*x4^8/1440 + 4536389*x1^4*x2^4*x3^4*x4/720$
 $- 663113*x1^2*x3^2*x4^2/9/180 + 206251*x1^2*x9*x3^3/720 - 50419*x1^2*x8*x3^4/40 + 371823*x1^2*x7*x3^5/1440$
 $- 138271*x1^2*x6*x3^6/40 + 52441*x1^2*x5^3*x7/16 - 1117309*x1^2*x4^4*x3^8/480 + 1634173*x1^2*x3^9*x4/1440$
 $- 29525*x1^3*x3^4*x4/18 + 4476811*x1^3*x3^2*x4^4/1440 - 860653*x1^3*x3^2*x4^6/160 + 430493*x1^3*x3^6*x4/6/60$
 $- 1270909*x1^3*x2^5*x4/7/160 + 1208723*x1^3*x4^8/180 - 679561*x1^3*x3^4*x4/9/1440 - 2630617*x1^2*x9*x3^3*x4/1440$
 $- 217569*x1^2*x3^2*x4^3/560 + 3024967*x1^2*x3^5*x4^6/480 - 1284937*x1^2*x3^2*x4^7/240$
 $- 895697*x1^2*x3^2*x4^7/3/1440 - 97909*x1^3*x2^6*x3^4/160 + 251287*x1^3*x2^5*x3^5/96 - 883499*x1^3*x2^4*x3^6/240$
 $- 50581*x1^3*x2^8*x4/2/160 - 259703*x1^3*x2^3*x3^7/4/180 + 683939*x1^3*x2^3*x3^6*x4/4/360$
 $- 7057417*x1^3*x2^3*x3^5*x4/1440 - 3812389*x1^3*x2^2*x3^2*x4^3/1440 - 2529469*x1^3*x3^3*x4^7/360$
 $+ 102607*x1^3*x2^3*x4^2/8/24 - 285297*x1^2*x2^9*x3^2*x4/1440 + 1225457*x1^2*x2^8*x3^3/360$
 $- 2350217*x1^2*x2^7*x3^4*x4/480 + 1777057*x1^2*x2^6*x3^5/288 - 1501687*x1^2*x2^3*x3^6*x4/240$
 $+ 2541907*x1^2*x2^3*x3^2*x4^2/80 + 417103*x1^2*x3^2*x4^3/160 + 6824783*x1^2*x3^3*x4^2/240 - 374677*x1^2*x7*x3^3*x4/90$
 $- 718973*x1^2*x3^2*x4^3/1440 - 40315*x1^2*x3^2*x4^3/160 + 1169*x1^2*x3^6*x4^6/16 - 40315*x1^2*x3^5*x4^7/32$
 $+ 417103*x1^2*x3^2*x4^4/8/240 - 2630617*x1^2*x3^3*x4^9/1440 + 591731*x1^9*x2^3*x3/180 + 1025057*x1^9*x2^3*x4/240$
 $+ 6117107*x1^9*x2^3*x4^2*x4/1440 - 1371323*x1^8*x2^4*x3^4/480 - 749209*x1^8*x2^4*x4/1440$
 $- 9011941*x1^8*x2^3*x4^2/1440 - 714517*x1^8*x2^2*x4^3/1440 + 59263*x1^7*x2^5*x3/30 + 1413269*x1^7*x2^5*x4/240$
 $+ 532223*x1^7*x2^4*x3^2*x4/2/120 + 271103*x1^7*x2^4*x3^2*x4/480 + 9585209*x1^7*x2^3*x3^4*x4/288 + 239713*x1^2*x5*x3^2*x4/288$
 $- 17821*x2^4*x3^2*x4/2/40 + 72501*x2^4*x3^2*x4/7/4/2/16 - 146881*x2^4*x3^6*x4/3/7/2/16 - 2053151*x2^4*x3^4*x5/7/2/16$
 $+ 9011527*x1^2*x4^3*x3^4*x6/1440 - 718973*x1^2*x4^3*x3^4*x7/240 + 581329*x1^2*x3^9*x4/1440 + 581329*x1^2*x3^9*x4/1440$
 $- 17821*x2^3*x3^2*x4^8/2/20 + 4074669*x1^2*x3^2*x4^7/240 + 4600877*x1^2*x3^2*x4^5/240 + 2204353*x1^2*x3^4*x4/1440$
 $+ 9011527*x1^2*x6*x3^4*x4/1440 + 239713*x1^2*x6*x3^2*x4^2/488 + 874069*x1^2*x5*x3^7*x4/1440$
 $- 1920427*x1^2*x5*x3^6*x4/2/360 - 2305151*x1^2*x5*x3^4*x4/2/360 + 239713*x1^2*x5*x3^2*x4/2/288$
 $- 17821*x2^4*x3^2*x4/2/40 + 72501*x2^4*x3^2*x4/7/4/2/16 - 146881*x2^4*x3^6*x4/3/7/2/16 - 2053151*x2^4*x3^4*x5/7/2/16$
 $+ 9011527*x1^2*x4^3*x3^4*x6/1440 - 718973*x1^2*x4^3*x3^4*x7/240 + 581329*x1^2*x3^9*x4/1440 + 581329*x1^2*x3^9*x4/1440$
 $- 17821*x2^3*x3^2*x4^8/2/20 + 4074669*x1^2*x3^2*x4^7/240 + 4600877*x1^2*x3^2*x4^5/240 + 2204353*x1^2*x3^4*x4/1440$
 $- 1617721*x1^2*x3^2*x4^8/2/240 - 486289*x1^2*x3^2*x4^7/240 + 4600877*x1^2*x3^2*x4^5/240 + 2204353*x1^2*x3^4*x4/1440$
 $- 1956329*x1^2*x6*x3^4*x4/1440 + 6569033*x1^2*x4^2*x3^5/1440 - 2216497*x1^2*x3^2*x9/3/1440$
 $- 198027*x1^2*x3^2*x4/160 + 327961*x1^2*x3^2*x4/2/1440 + 2873711*x1^2*x3^2*x4/7/1440 - 327961*x1^2*x3^3*x4/5/360$
 $+ 270791*x1^3*x2^2*x4^2/8/144 + 214294*x1^3*x2^2*x4^2/9/1440 + 177085*x1^2*x3^2*x3^4*x8/2/288 + 5805457*x1^2*x2*x4^2/10/1440$
 $- 2210309*x1^2*x3^4*x9/1440 + 1766569*x1^2*x3^2*x4^10/1440 - 553781*x1^2*x3^3*x4^9/160 + 232513*x1^2*x3^4*x10/120$
 $+ 183033*x1^2*x3^2*x4/10/160 - 161973*x1^10*x2^3*x4/160 + 1089017*x1^9*x3^3*x4/1440 + 2275073*x1^9*x3^2*x4/2/1440$
 $- 47857*x1^8*x3^3*x4/2/144 - 3650141*x1^10*x2^2*x4/1440 - 5025883*x1^10*x2^4/1440 + 1685869*x1^9*x2^4*x3/288$
 $- 475833*x1^10*x2^3*x4/2/1440 + 390267*x1^9*x2^3*x3/720 + 1744163*x1^2*x2^10*x3/1440 - 50857*x1^2*x2^10*x4/240$
 $+ 14681*x1^2*x10*x3/2/96 - 81677*x1^2*x9*x4^2/240 + 204601*x1^2*x9*x4^3/180 + 183033*x1^2*x8*x4^2/1440$
 $+ 232513*x1^2*x10*x3^2*x4/2/120 - 553781*x1^2*x9*x3^2*x4/3/160 - 273769*x1^2*x9*x4^2/480 - 87471*x1^2*x9*x3^2*x4/3/160$
 $- 439675*x1^2*x3^2*x4/2/288 - 213944*x1^2*x2^2*x4^2/9/15 - 778741*x1^2*x2^2*x3^4*x8/2/288 + 5805457*x1^2*x2*x4^2/10/1440$
 $- 153209*x1^2*x3^3*x4/3/360 - 86553*x1^2*x2^2*x3^4/160 + 16681*x1^2*x3^2*x4/120 + 11071*x1^2*x3^10*x4/2/18$
 $- 793957*x1^2*x3^4*x9/160 - 36933*x1^2*x3^2*x4^3/10/1440 + 354517*x1^2*x3^2*x4/10/1440 - 10981*x1^2*x3^2*x4/10/1440$
 $- 29433*x1^2*x3^2*x4/10/160 - 29433*x1^2*x3^2*x4/10/160 - 4163*x1^2*x3^4/160 - 502649*x1^2*x3^4/11/2/1440$
 $- 502649*x1^2*x3^4/2/1440 + 8091929*x1^2*x3^4/1440 - 10141013*x1^2*x3^4/1440 - 10141013*x1^2*x3^4/7/1440$
 $+ 8091929*x1^2*x3^4/2/1440 + 407*x1^2*x2^12/4 - 611*x1^3*x2^12*x4/30 - 35663*x1^2*x3^4*x4/9/1440$
 $+ 205173*x1^1*x8*x3^4*x4/4/720 - 267173*x1^1*x7*x3^5*x4/4/480 + 23137*x1^1*x7*x3^4*x4/2/96 - 78875*x1^1*x7*x3^4*x4/3/48$
 $- 2913461*x1^1*x7*x3^4*x5/480 + 276823*x1^1*x6*x3^5*x4/3/360 + 1007699*x1^1*x6*x3^5*x4/2/720 + 20393*x1^6*x3^4*x4/3/288$
 $+ 505153*x1^6*x3^3*x4/4/144 - 4294169*x1^5*x2^3*x4/4/1440 - 1273949*x1^5*x3^3*x4/4/1440$
 $- 745069*x1^5*x3^3*x4/2/1440 - 745069*x1^5*x3^3*x4/3/288 + 192197*x1^1*x11*x3^4*x4/3/360 - 35359*x1^1*x3*x4/11/30$
 $+ 199981*x1^7*x3^2*x4/4/96 + 184465*x1^5*x3^3*x4/4/1440 - 1657189*x1^5*x3^2*x4/4/6/360$
 $- 611357*x1^4*x3^6*x4/3/1440 - 4398821*x1^4*x3^4*x4/4/1440 + 239883*x1^4*x3^2*x4/4/2/1440$
 $- 634079*x1^4*x3^2*x4/7/120 + 535923*x1^4*x3^4*x4/8/720 + 1154783*x1^4*x2^2*x3^4*x4/2/1440$
 $+ 538717*x1^1*x9*x3^4*x4/2/120 - 517013*x1^1*x8*x2^3*x3^4*x4/2/120 + 463643*x1^1*x3^2*x7*x3^4*x4/2/1440$
 $- 7758701*x1^1*x3^2*x6*x3^4*x4/1440 - 339509*x1^1*x3^2*x6*x3^2*x4/4/480 - 6140771*x1^1*x3^2*x6*x3^4*x4/3/1440$
 $- 1729843*x1^1*x3^2*x5*x3^4*x4/2/240 + 25989*x1^1*x3^2*x5*x3^4*x4/2/16 + 559837*x1^1*x3^2*x5*x3^4*x4/3/96$
 $+ 6653933*x1^1*x3^2*x5*x3^4*x4/1440 - 443227*x1^1*x3^2*x4*x3^5*x4/80 - 196691*x1^1*x3^2*x4*x3^4*x4/2/72$
 $- 141905*x1^1*x3^2*x4*x3^4*x4/2/24 - 3026647*x1^1*x3^2*x4*x3^5*x4/2/160 - 445271*x1^1*x3^2*x4*x3^5*x4/3/96$
 $+ 1798607*x1^1*x3^2*x4*x3^6*x4/3/720 - 91877*x1^1*x2*x3^2*x4/240 - 49153*x1^1*x2*x3^2*x4/4/160$
 $+ 702317*x1^2*x2*x3^2*x4/2/288 - 270133*x1^2*x2*x7*x3^4*x4/1440 - 4924087*x1^2*x2*x7*x3^2*x4/2/1440$

$- 3546781*v1^2*v2^7*v3^4*v4^3/1440 - 103523*v1^2*v2^6*v3^4*v4/720 + 948241*v1^2*v2^6*v3^3*v4^2/144$
 $+ 1257793*v1^2*v2^6*v3^2*v4^3/1440 + 1550039*v1^2*v2^6*v3*v4^4/288 - 4251*v1^2*v2^5*v3^4/v4/4$
 $+ 212461*v1^2*v2^4*v3^6*v4/360 + 5462141*v1^2*v2^4*v3^5*v4/2720 + 34651*v1^2*v2^4*v3^4*v4/3/48$
 $+ 8037*v1^2*v2^4*v3^2*v4^5/16 + 11532899*v1^2*v2^4*v3^3*v4^3/144 - 821279*v1^2*v2^5*v3^2*v4^4/240$
 $- 2455247*v1^2*v2^5*v3^4*v4^2/360 - 448955*v1^2*v2^5*v3^3*v4^3/144 - 43901*v1^2*v2^3*v3^7*v4/45$
 $+ 812687*v1^2*v2^3*v3^6*v4/2720 - 68341*v1^2*v2^3*v3^8*v4/2/72 - 54139*v1^2*v2^3*v3^7*v4/3/180$
 $+ 2986387*v1*v2^9*v3^2*v4/1440 + 221431*v1*v2^9*v3*v4^2/180 - 2911583*v1*v2^9*v3^3*v4/720$
 $- 3646061*v1*v2^8*v3^2*v4^2/1440 - 2726113*v1*v2^8*v3*v4^3/720 + 3019879*v1*v2^7*v3^4*v4/480$
 $+ 1276253*v1*v2^7*v3^3*v4^2/360 + 1274549*v1^2*v2^7*v3^2*v4^3/240 + 95451*v1*v2^7*v3^4*v4/16$
 $- 841853*v1^2*v2^6*v3^5*v4/120 - 5733457*v1^2*v2^6*v3^4*v4^2/1440 - 534379*v1^2*v2^6*v3^3*v4^3/72$
 $- 2655733*v1*v2^6*v3^2*v4^4/720 - 400153*v1^2*v2^6*v3*v4^5/45 + 3141973*v1^2*v2^5*v3^4/480$
 $+ 382249*v1^2*v2^5*v3^4*v4/2720 + 3269711*v1^2*v2^5*v3^4*v4/3480 + 8294773*v1^2*v2^5*v3^3*v4^4/1440$
 $+ 945499*v1^2*v2^5*v3^4*v4/6/96 + 58139*v1^2*v3^11*v2/480 + 2093*v3^12*v1/60 - 15643*v3^11*v2*v1/1440$
 $- 21877*v1^2*v3/3/6/1 + 1242187*v1^2*v3/2*v4/1440 - 27857*v2^11*v1^2*v2^8*v3^5/180 - 66901*v1^7*v3^6/160$
 $+ 3405107*v1^5*v2^3*v4/5/720 - 4398821*v1^4*v2^5*v4^4/1440 + 5601031*v2^6*v3^4*v4/6/720$
 $+ 708837*v2^4*v3^5*v4^4/120 + 140*v1^13 - 9363671*v1^6*v2^3*v4^2/1440 - 602163*v1^6*v2^2*v4^5/160$
 $- 2509491*v1^6*v4/7/480 + 829901*v1^2*v2^4*v4^4/360 + 405635*v1^2*v2^2*v4^6/144 + 559049*v1^5*v2^4*v4^7/120$
 $+ 6255011*v1^5*v2^4/8/1440 - 1061011*v1^11*v3*v2/720 - 1157339*v1^10*v3^3/90 + 1945579*v1^9*v3^4/1440$
 $- 5435593*v1^2*v2^5*v3^4*v4/720 - 310319*v1^8*v2^3*v3^5/480 + 1496159*v1^7*v2^8*v3^5/180 - 66901*v1^7*v3^6/160$
 $+ 625837*v1^6*v3^7/480 - 1675295*v1^5*v2^3*v7/288 - 2661151*v1^5*v3^8/1440 - 2614253*v1^4*v2^3*v8/720$
 $+ 1495181*v1^4*v3^9/1440 - 3198491*v1^6*v2^3*v4/10/720 + 148775*v1^3*v2^3*v3^4*v4/436$
 $+ 1135001*v1^3*v2^3*v3^2*v4^5/288 + 5376563*v1^3*v2^3*v3^3*v4/6/720 - 83597*v1^3*v2^2*v3^7*v4/32$
 $- 8296691*v1^3*v2^2*v3^6*v4/2480 + 335525*v1^3*v2^2*v3^4*v4/288 - 1284437*v1^3*v2^2*v3^3*v4^5/144$
 $+ 4551679*v1^3*v2^2*v3^2*v4/6/1440 - 345399*v1^3*v2^2*v3*v4/7/40 + 589991*v1^3*v2^3*v4/8/288$
 $+ 1233731*v1^3*v2^3*v3^5*v4^4/720 + 955229*v1^3*v2^3*v3^4*v4^5/480 + 511715*v1^3*v2^3*v3^4*v4/144$
 $- 408434*v1^3*v2^3*v3^2*v4^7/144 + 426907*v1^3*v2^3*v3^4*v4^8/90 - 275691*v1^2*v2^3*v3^5*v4^3/48$
 $- 5926393*v1^2*v2^3*v3^4*v4/1440 - 47111*v1^2*v2^3*v3^3*v4^5/16 - 721651*v1^2*v2^3*v3^2*v4/6/480$
 $- 921919*v1^2*v2^3*v3^4*v4/1440 - 561491*v1^2*v2^2*v3^2*v4^8/144 - 2443379*v1^2*v2^2*v3^6*v4^3/1440$
 $+ 8363317*v1^2*v2^2*v3^5*v4^4/1440 - 5094641*v1^2*v2^2*v3^2*v4^5/1440 + 1095937*v1^2*v2^2*v3^3*v4^6/144$
 $- 5105273*v1^2*v2^2*v3^5*v4/1440 - 981251*v1^2*v2^2*v3^2*v4^8/16 - 4589389*v1^2*v2^2*v3^6*v4^4/144$
 $- 20719*v1^2*v2^3*v3^5*v4/5/120 - 349997*v1^2*v2^3*v3^4*v4/6/480 - 1210673*v1^2*v2^3*v3^4*v7/480$
 $- 1999061*v1^2*v2^3*v3^2*v4^8/1440 - 1075867*v1^2*v2^3*v3^4*v9/360 + 357847*v1^2*v2^3*v3^6*v4^3/80$
 $+ 59281*v1^2*v2^3*v3^5*v4/6/60 + 1323277*v1^2*v2^3*v3^4*v4/1440 + 1946971*v1^2*v2^3*v3^3*v4/6/360$
 $- 374563*v1^2*v2^3*v3^2*v4^7/144 + 2021245*v1^2*v2^3*v3*v4^8/288 + 22003*v1^2*v2^3*v3^8*v4/2/48$
 $- 1571821*v1^2*v2^3*v3^2*v4^3/480 + 3737549*v1^2*v2^3*v6*x4^4/1440 - 1377859*v1^2*v2^2*v3^5*v4^5/240$
 $+ 7645747*v1^2*v2^3*v3^4*v4/1440 - 906691*v1^2*v2^3*v3^4*v7/120 - 6666017*v1^2*v2^2*v3^2*v4/8/1440$
 $- 6888437*v1^2*v2^3*v3^4*v9/1440 + 58147*v1^2*v2^3*v3^7*v4/40 - 295769*v1^2*v2^3*v7*v4/4/1440$
 $- 4061233*v1^2*v2^3*v3^6*v4/5/720 + 443711*v1^2*v2^3*v5*v4/6/160 - 7650771*v1^2*v2^3*v4/7/240$
 $+ 1946227*v1^2*v2^3*v3^4*v8/480 - 1867511*v1^2*v2^3*v4^9/720 - 67009*v1^3*v2^3*v3^4*v4/48$
 $+ 3860633*v1^3*v2^7*v3^2*v4/96 - 1909999*v1^8*v2^2*v3^2*v4/720 - 1109107*v1^8*v2^2*v3*v4/2/720$
 $- 3825197*v1^8*v2^3*v3^4*v4/720 - 3570293*v1^8*v2^2*v3^2*v4/7/270 - 2048777*v1^8*v2^3*v4/3/360$
 $+ 26948*v1^7*v2^3*v3^2*v4/5 + 897931*v1^7*v2^3*v3*v4/2/240 - 484639*v1^7*v2^2*v3^3*v4/1440$
 $+ 4450807*v1^7*v2^2*v3^2*v4^2/1440 - 491389*v1^7*v2^2*v3*v4^3/288 + 304135*v1^7*v2^3*v4^4/v4/48$
 $+ 2763209*v1^7*v2^3*v3^4*v4/360 + 3873347*v1^7*v2^3*v4^3/480 - 627473*v1^7*v2^3*v4/490$
 $- 305355*v1^6*v2^3*v3^3*v4/12 - 386485*v1^6*v2^3*v3^2*v4/248 - 2534949*v1^6*v2^3*v3^4*v3/96$
 $- 378427*v1^6*v2^3*v3^4*v4/1440 - 339427*v1^6*v2^2*v3^3*v4/2/1440 - 1815161*v1^6*v2^2*v3^2*v4^3/1440$
 $+ 4091595*v1^6*v2^2*v3*v4/90 - 1274159*v1^6*v2^3*v5*v4/240 - 685137*v1^6*v2^3*v4*v2/80$
 $- 8706593*v1^5*v2^3*v3^4*v4/1440 - 2984933*v1^6*v2^3*v3^2*v4/360 - 626039*v1^6*v2^3*v3*v4^5/90$
 $+ 7855969*v1^5*v2^3*v3^4*v4/1440 + 549217*v1^5*v2^3*v3^3*v4/2/144 + 1133099*v1^5*v2^3*v3^2*v4^3/144$
 $+ 2200717*v1^5*v2^3*v3^2*v4/480 - 380177*v1^5*v2^3*v3^2*v4/160 - 17717*v1^5*v2^2*v3^4*v4/2/12$
 $- 1700837*v1^5*v2^3*v3^2*v4/288 + 245981*v1^5*v2^2*v3^2*v4^4/240 + 1253185*v1^5*v2^3*v3^6*v4/288$
 $+ 7249693*v1^5*v2^3*v3^5*v4/2/120 + 8797327*v1^5*v2^3*v4^3/1440 + 498325*v1^5*v2^3*v4/7/48$
 $- 4975363*v1^5*v2^3*v3^4*v4/6/720 - 4395353*v1^4*v2^3*v3^5*v4/1440 - 105175*v1^4*v2^3*v3^4*v4/2/18$
 $- 4603797*v1^4*v2^3*v3^3*v4/144 - 7430023*v1^4*v2^3*v3^4*v5/144 + 419981*v1^4*v2^2*v3^6*v4/288$
 $+ 4395191*v1^4*v2^3*v3^4*v4/144 - 1861347*v1^4*v2^2*v3^2*v4^3/2 - 1199999*v1^4*v2^2*v3^2*v4^5/120$
 $+ 12324589*v1^4*v2^2*v3^4*v6/1440 - 1240933*v1^4*v2^2*v3^4*v7/480 - 41257*v1^4*v2^3*v6*x4^2/9$
 $- 1662797*v1^4*v2^3*v3^4*v4/7/90 - 3664153*v1^3*v2^3*v3^6*x4/720 + 2172599*v1^3*v2^3*v3^5*v4/2/72$
 $- 5128877*v1^4*v2^3*v3^4*v7/90 - 3616193*v1^3*v2^6*x4/180 + 301969*v1^3*v2^5*v4/144 + 57407*v1^13*v2^4*v4/6/144$
 $- 1011733*v1^4*v2^4*v4/5/160 - 8263031*v1^4*v2^3*v3^4*v4/288 - 635033*v1^4*v2^2*v4^7/32 - 143345*v1^4*v2^4*v8/72$
 $- 1073827*v1^4*v2^4*v4/9/360 - 106193*v1^3*v2^6*x4/180 + 301969*v1^3*v2^5*v4/144 + 57407*v1^13*v2^4*v4/6/144$
 $+ 2897*v1^3*v2^3*v4/7/6 + 305377*v1^3*v4/10/180 - 73591*v1^2*v2^7*v4/4/60 + 126151*v1^2*v2^6*v4^5/160$
 $- 1437407*v1^2*v2^5*v4/6/1440 - 283021*v1^2*v2^6*x4/7/32 - 45451*v1^2*v2^4*v11/60 - 4588511*v1^2*v2^8*v4^4/288$
 $+ 2564617*v1^2*v2^4*v5/1440 - 283021*v1^2*v2^6*x4/6/360 - 6175*v1^2*v2^5*v4/7/16 + 553889*v1^2*v2^4*v4/8/360$
 $- 6676277*v1^2*v2^4*v11/1440 + 46241*v1^11*v2^4*v3/10/30 + 1604491*v1^11*v2^4/1440 - 129351*v1^12*v4/4/30$
 $+ 17189*v1^4*v2^12/60 - 3119129*v1^10*v2^4/1440 + 5062693*v1^9*v4/4/1440 - 2932399*v1^8*v2^4*v4/360$
 $- 1120241*v1^8*v2^4*v5/240 - 923231*v1^7*v2^4*v4/160 + 12745141*v1^7*v2^4*v5/1440 + 857117*v1^7*v4/6/160$
 $+ 20963*v1^2*12*x3/60 - 1472203*v1^2*11*x3/2/1440 + 449231*v1^2*10*x3/180 - 2243729*v2^9*x3/4/480$
 $+ 10070593*v2^8*x3^5/1440 - 3945701*v2^7*x3^6/480 + 737147*v2^6*x3^7/96 - 2006141*v2^5*x3^8/360$
 $+ 55949x*v2^8*x3^9/1440 - 197291*v2^7*x3^10/180 + 237871*v2^6*x3^11/720 - 611*x2^3*x12/30,$

LOMI_19_4 = 5124191*v1^2*v2^4*v3^6*x4^4/2640 - 2850163*v1^6*x4^2*v3^4*x4^4/880
 $+ 17397339*v1^5*x2^4*x3^4*x4^4/880 - 1256207*v1^5*x2^4*x3^4*x4^2/240 - 2435909*v1^4*x2^7*x3*x4^3/2640$
 $- 5425993*v1^4*x2^5*x3^5*x4/880 + 13453943*v1^4*x2^4*x3^6*x4/2640 + 4582987*v1^4*x2^4*x3^5*x4^2/240$
 $+ 1980239*v1^3*x2^3*x3^6*x4/120 + 2815237*v1^3*x2^2*x3^9*x4/288 + 7897833*v1^5*x2^5*x3*x4^4/880$
 $- 8826277*v1^5*x2^4*x3^5*x4/80 - 12528367*v1^4*x2^6*x3^4*x4/2640 - 144383*v1^4*x2^5*x3^4*x4/2/8$
 $+ 1178897*v1^4*x2^4*x3^4*x4^3/24 - 457051*v1^4*x2^3*x3^4*x4^4/24 + 2564591*v1^4*x2^4*x3^3*x4^4/12$
 $- 43445*v1^3*x2^4*x3^4*x4/6/46 + 308953*v1^2*x2^3*x3^2*x4/176 + 370953*v1^2*x2^3*x4/12/880$
 $- 4757649*v1^12*x2^3*x4/880 - 495949*v1^2*x2^12*x3*v4/880 + 881457*v1^3*x2^5*x3^4*x4/3/40$
 $- 50974931*v1^3*x2^4*x3^7*x4/2640 - 28273819*v1^3*x2^4*x3^6*x4/2/2640 - 367579*v1^3*x2^4*x3^5*x4/3/20$
 $- 211934*x1^2*x2^11*x3^8*x4/2880 - 8801*v1^2*x2^10*x3^8*x4/440 + 340771*v1^2*x2^10*x3^4*x2/66$
 $- 7752717*v1^2*x2^9*x3^4*x4/2640 - 6898617*v1^2*x2^9*x3^2*x4/288 - 214469*v1^2*x2^8*x3^4*x4/430$
 $+ 16140413*v1^2*x2^8*x3^3*x4/288 - 5813233*v1^2*x2^7*x3^5*x4/2640 - 64068679*v1^2*x2^7*x3^4*x4/2640$
 $+ 4085591*v1^2*x2^6*x3^6*x4/220 + 8761597*v1^2*x2^6*x3^5*x4/2640 + 15499141*v1^2*x2^6*x3^4*x4/3/2640$
 $- 9603773*v1^2*x2^5*x3^7*x4/2640 - 82203191*v1^2*x2^5*x3^6*x4/2/2640 - 429523*x1^2*x2^5*x3^5*x4/3/55$
 $- 3760193*x1^2*x2^5*x3^4*x4/240 + 85810*v1^2*x2^4*x3^8*x4/3/2640 + 68316101*v1^2*x2^4*x3^7*x4/2/2640$
 $+ 156523*x1^2*x2^4*x3^6*x4/3/528 - 103097*v1^2*x2^4*x3^4*x4/2/240 + 2653171*v1^2*x2^3*x3^9*x4/880$
 $- 13491607*v1^2*x2^3*x3^8*x4/2880 - 21629*v1^2*x2*x3^10*x4/2/66 - 2015683*v1^2*x2*x3^9*x4/3/880$
 $+ 2176627*v1^2*x2^11*x3^8*x4/6/60 - 10640883*v1^2*x2^10*x3^3*x4/1320 + 10068163*v1^2*x2^9*x3^4*x4/660$
 $+ 24949627*v1^2*x2^9*x3^5*x4/2/2640 - 695261*v1^2*x2^8*x3^5*x4/33 - 1813013*v1^2*x2^8*x3^4*x4/2/132$
 $+ 32096693*v1^2*x2^6*x3^7*x4/2640 + 36977319*v1^2*x2^7*x3^5*x4/2/2640 + 76338319*v1^2*x2^7*x3^4*x4/3/2640$
 $- 29085679*v1^2*x2^6*x3^7*x4/1320 - 15408959*v1^2*x2^6*x3^6*x4/2/132 - 82786757*v1^2*x2^6*x3^5*x4/3/2640$
 $- 35746747*v1^2*x2^6*x3^8*x4/2640 + 11322771*v1^2*x2^5*x3^8*x4/660 + 180480497*v1^2*x2^5*x3^7*x4/2/2640$
 $+ 70112627*v1^2*x2^5*x3^6*x4/2640 + 18056077*v1^2*x2^5*x3^5*x4/880 - 14238949*v1^2*x2^4*x3^9*x4/1320$
 $- 2754551*v1^2*x2^4*x3^8*x4/2/1320 - 5105759*v1^2*x2^4*x3^7*x4/240 - 18800207*v1^2*x2^4*x3^5*x4/5/880$
 $+ 8036647*v1^2*x2^4*x3^4*x4/6/880 + 8418209*v1^2*x2^3*x3^10*x4/1320 - 3254011*v1^2*x2^3*x3^9*x4/2/2640$
 $- 2032709*v1^2*x2^3*x3^11*x4/660 - 233319*v1^2*x2^3*x3^11*x4/110 + 82687*v1^2*x2^4*x3^5*x4/4/4$
 $+ 791843*x1^2*x2^5*x3^4*x4/5/880 + 2347667*v1^2*x2^8*x3^2*x4/3/880 + 37990771*v1^2*x2^8*x3^4*x4/2/2640$
 $- 64512121*v1^2*x2^7*x3^3*x4/3/660 - 2951311*v1^2*x2^7*x3^2*x4/240 - 2896936*v1^2*x2^7*x3^4*x5/16$
 $+ 431523*x1^2*x2^6*x3^3*x4/2/240 + 2063587*v1^2*x2^6*x3^2*x4/5/240 + 6067951*v1^2*x2^6*x3*x4/6/240$
 $- 2093393*v1^2*x2^5*x3^4*x4/5/120 - 1714867*v1^2*x2^4*x3^2*x4/2/240 + 2290293*v1^2*x2^4*x3*x4/7/240$
 $+ 1226585*v1^2*x2^4*x3^2*x4/6/5 - 1120547*v1^2*x2^4*x3^2*x4/7/240 + 7055039*v1^2*x2^4*x3^4*x4/8/240$
 $+ 2446813*x1^2*x2^11*x3^8*x4/2/1320 - 7356047*v1^2*x2^10*x3^2*x4/2/1320 - 1582109*v1^2*x2^9*x3^4*x4/2/20$
 $+ 3754501*x1^2*x2^9*x3^2*x4/3/2640 + 6115971*v1^2*x2^9*x3^4*x4/4/400 - 60416233*v1^2*x2^8*x3^3*x4/4/2640$
 $- 7737559*v1^2*x2^8*x3^2*x4/4/528 - 373159*v1^2*x2^8*x3^4*x4/5/15 + 55459181*v1^2*x2^7*x3^4*x4/4/2640$
 $+ 1220597*v1^2*x2^7*x3^4*x4/5/80 + 501601*v1^2*x2^7*x3^4*x6/15 - 2148521*v1^2*x2^6*x3^3*x4/5/80$
 $- 551837*v1^2*x2^6*x3^2*x4/6/80 - 2284993*v1^2*x2^6*x3^4*x4/7/60 + 6180431*v1^2*x2^5*x3^3*x4/6/240$
 $- 6697919*v1^2*x2^5*x3^2*x4/7/240 + 2135243*v1^2*x2^5*x3^4*x8/60 - 80178133*v1^2*x2^4*x3^3*x4/7/240$
 $+ 36921223*v1^2*x2^4*x3^2*x4/8/2640 - 38795461*v1^2*x2^4*x3^4*x9/1320 + 14879159*v1^11*x2^3*x3*x4/8/60$
 $- 1126745*v1^10*x2*x3*x4/3/66 - 10304293*v1^9*x2*x3*x4/4/400 - 79625*v1^8*x2*x3*x4/5/3$
 $+ 281853*x1^7*x2*x3*x4/6/10 - 532233*x1^6*x2*x3*x4/7/20 + 1423351*v1^5*x2*x3*x4/4/8/60$
 $- 2896181*v1^4*x2*x3*x4/5/880 - 5903753*v1^4*x2*x3*x4/9/330 + 1166833*v1^3*x2*x3*x4/4/2880$
 $+ 510159*v1^3*x2*x3*x4/10/40 - 1200409*v1^2*x2*x3*x4/11/165 + 2290291*v1^2*x2*x3*x4/10*x4/2/1320$
 $+ 502387*v1^2*x2*x3*x4/10*x4/120 - 13749*v1^3*x2*x3*x4/10 - 310243*v1^3*x2*x3*x4/3*x4/2/880$
 $+ 5985301*v1^3*x2*x3*x4/2/240 - 68412991*v1^3*x2*x3*x4/2/240 - 1572731*v1^3*x2*x3*x4/4/2/176$
 $- 2428667*v1^3*x2*x3*x4/3/240 + 72513619*v1^3*x2*x3*x4/4/240 + 849791*v1^3*x2*x3*x4/5/2/880$
 $+ 15163129*v1^7*x2*x3*x4/2/880 + 7137491*v1^7*x2*x3*x4/2/880 - 5017987*v1^7*x2*x3*x4/4/880$
 $+ 13810937*v1^7*x2*x3*x4/3/240 + 8626201*v1^7*x2*x3*x4/3/880 + 1073817*v1^6*x2*x3*x4/2/165$
 $- 31979807*v1^6*x2*x3*x4/2/2640 + 6464031*v1^6*x2*x3*x4/2/440 + 7429841*v1^6*x2*x3*x4/2/2640$
 $- 53026299*v1^6*x2^5*x3^2*x4/2/220 - 283757*v1^6*x2^5*x3*x4/3/880 + 5854889*v1^6*x2*x3*x4/2/528$

$$\begin{aligned}
& - 36581* v1^6 * v2^4 * v3^2 * v4^3 / 5 + 44961757 * v1^6 * v2^4 * v3 * v4^4 / 2640 - 7188391 * v1^5 * v2^8 * v3 * v4 / 1320 \\
& + 36863539 * v1^5 * v2^7 * v3^2 * v4 / 2640 + 408109 * v1^5 * v2^7 * v3 * v4^2 / 880 - 13554383 * v1^5 * v2^6 * v3^3 * v4 / 880 \\
& + 8872267 * v1^5 * v2^6 * v3^2 * v4^2 / 880 - 35890957 * v1^5 * v2^6 * v3^4 * v4^3 / 2640 + 561587 * v1^5 * v2^5 * v3^3 * v4^2 / 440 \\
& + 2829127 * v1^5 * v2^5 * v3^2 * v4 / 120 - 711579 * v1^5 * v2^4 * v3^3 * v4^3 / 48 - 1777 * v1^5 * v2^4 * v3^2 * v4^4 / 2 \\
& - 454693 * v1^5 * v2^4 * v3 * v4^5 / 16 + 3550709 * v1^5 * v2^3 * v3^2 * v4^5 / 120 + 4151269 * v1^5 * v2^2 * v3^3 * v4^4 / 240 \\
& + 2820673 * v1^4 * v2 * v9 * v3 * v4 / 660 - 3091375 * v1^4 * v2 * 8 * v3^2 * v4 / 528 + 4282777 * v1^4 * v2 * 8 * v3 * v4 / 2 / 660 \\
& + 2753975 * v1^4 * v2 * 7 * v3^3 * v4 / 528 - 478129 * v1^4 * v2 * 7 * v3^2 * v4^2 / 120 + 41117411 * v1^4 * v2 * 6 * v3 * v4 / 2640 - 316227 * v1^4 * v2 * 5 * v3^3 * v4^3 / 40 \\
& - 713537 * v1^4 * v2 * 6 * v3^2 * v4 / 3 + 52141553 * v1^4 * v2 * 6 * v3^4 / 240 - 1157339 * v1^4 * v2 * 6 * v3^2 * v4^4 / 120 \\
& - 155527 * v1^4 * v2 * 5 * v3^2 * v4 / 10 - 1164283 * v1^4 * v2 * 5 * v3 * v4^5 / 80 + 50788 * v1^4 * v2 * 4 * v3^2 * v4^5 / 15 \\
& + 7248193 * v1^4 * v2 * 4 * v3 * v4^6 / 240 - 1918257 * v1^3 * v2 * 9 * v3^2 * v4 / 240 - 2665687 * v1^3 * v2 * 8 * v3^3 * v4 / 176 \\
& - 316277 * v1^3 * v2 * 8 * v3^2 * v4 / 240 - 25274593 * v1^3 * v2 * 8 * v3 * v4^2 / 2640 + 20669 * v1^3 * v2 * 7 * v3^3 * v4^2 / 12 \\
& + 100371 * v1^3 * v2 * 7 * v3^2 * v4 / 3 + 28743403 * v1^3 * v2 * 7 * v3 * v4^2 / 2640 - 1157339 * v1^3 * v2 * 6 * v3^2 * v4^4 / 120 \\
& - 5728009 * v1^3 * v2 * 6 * v3 * v4^5 / 240 + 18704653 * v1^3 * v2 * 5 * v3 * v4^4 / 120 + 389369 * v1^3 * v2 * 5 * v3^2 * v4^5 / 30 \\
& + 443893 * v1^3 * v2 * 5 * v3 * v4^6 / 16 - 52165 * v1^3 * v2 * 4 * v3 * 3 * v4^5 / 2 + 25511 * v1^3 * v2 * 4 * v3 * 2 * v4^6 / 24 \\
& - 8681521 * v1^3 * v2 * 4 * v3 * v4^7 / 240 - 16195063 * v1^2 * v2 * 9 * v3 * v4 / 2640 - 44357927 * v1^2 * v2 * 2 * v3 * v3^3 * v4 / 2640 \\
& + 6616715 * v1^2 * v2 * 3 * v3 * 5 * v4 / 440 - 1440301 * v1^2 * v2 * 2 * v3 * 4 * v4 / 6 / 176 - 615003 * v1^2 * v2 * 2 * v3 * v3^3 * v4 / 7 / 44 \\
& + 2874803 * v1^2 * v2 * 2 * v3 * 2 * v4^2 / 880 - 18555221 * v1^2 * v2 * 3 * v3 * 4 * v4 / 9 / 880 - 730079 * v1^2 * v2 * 2 * v3 * 10 * v4 / 440 \\
& - 1139927 * v1^2 * v2 * 2 * v3 * 3 * v4 / 3 + 5760461 * v1^2 * v2 * 2 * v3 * 4 * v4 / 4 / 330 - 14406989 * v1^2 * v2 * 2 * v3 * 6 * v4 / 5 * 880 \\
& + 1104649 * v1^2 * v2 * 2 * v3 * 4 * v4 / 6 / 44 - 16425093 * v1^2 * v2 * 2 * v3 * 4 * v4 / 2640 - 111404873 * v1^2 * v2 * 2 * v3 * 3 * v4 / 8 / 440 \\
& - 12054903 * v1^2 * v2 * 2 * v3 * 2 * v4^9 / 880 + 41806693 * v1^2 * v2 * 2 * v3 * v4 / 10 / 2640 - 1026889 * v1^2 * v2 * 2 * v3 * 11 * v4 / 440 \\
& - 397583 * v1^2 * v2 * 3 * v3 * 2 * v4^7 / 880 - 2010099 * v1^2 * v2 * 3 * 7 * v4^5 / 880 - 27010099 * v1^2 * v2 * 3 * 6 * v4 / 6 / 1320 \\
& - 3983399 * v1^2 * v2 * 3 * v3 * 5 * v4 / 2640 - 714506 * v1^2 * v2 * 3 * 4 * v4 / 8 / 165 - 27348899 * v1^2 * v2 * 3 * v3 * v4 / 9 / 2640 \\
& + 1802065 * v1^2 * v2 * 3 * v3 * 2 * v4 / 10 / 264 - 2403817 * v1^2 * v2 * 3 * v3 * 8 * v4 / 13 / 264 - 10041877 * v1^2 * v2 * 3 * v3 * 7 * v4 / 4 / 2640 \\
& + 23597663 * v1^2 * v2 * 3 * v3 * 6 * v4 / 5 / 2640 + 2829253 * v1^2 * v2 * 3 * v3 * 5 * v4 / 6 / 528 - 5500777 * v1 * v2 * 3 * v3 * v4 / 7 / 880 \\
& + 56596673 * v1 * v2 * 3 * v3 * 3 * v4 / 8 / 2640 - 35412233 * v1 * v2 * 3 * v3 * 2 * v4 / 9 / 2640 + 24607729 * v1 * v2 * 3 * v3 * v4 / 10 / 1320 \\
& - 604391 * v1 * v2 * 2 * v3 * 4 * v4 / 3 / 88 - 18075793 * v1 * v2 * 2 * v3 * 8 * v4 / 4 / 2640 - 38110613 * v1 * v2 * 2 * v3 * 7 * v4 / 5 / 2640 \\
& + 45384469 * v1 * v2 * 2 * v3 * 6 * v4 / 6 / 2640 - 121621809 * v1 * v2 * 2 * v3 * 5 * v4 / 7 / 880 + 11566669 * v1 * v2 * 2 * v3 * 4 * v4 / 8 / 2640 \\
& - 20122759 * v1 * v2 * 2 * v3 * 2 * v4^9 / 880 + 3581369 * v1 * v2 * 2 * v3 * 2 * v4 / 10 / 264 - 7003831 * v1 * v2 * 2 * v3 * v4 / 11 / 660 \\
& - 1657231 * v1 * v2 * 3 * v3 * 9 * v4 / 660 - 66169 * v1 * v2 * 3 * 8 * v4 / 155 - 3687887 * v1 * v2 * 3 * 7 * v4 / 6 / 660 \\
& - 4592999 * v1 * v2 * 3 * v3 * 6 * v4 / 7 / 440 + 19956529 * v1 * v2 * 3 * v3 * 5 * v4 / 8 / 1320 - 1526383 * v1 * v2 * 3 * 4 * v4 / 9 / 110 \\
& + 15930239 * v1 * v2 * 3 * v3 * 4 * v4 / 10 / 1320 - 3039863 * v1 * v2 * 3 * 2 * v4 / 11 / 440 + 3141241 * v1 * 11 * v2 * 2 * v3 * 3 * v4 / 220 \\
& + 3660049 * v1 * 11 * v2 * 2 * v3 * 2 * v4 / 330 + 1697957 * v1 * 9 * v2 * 4 * v3 * 4 / 330 + 2709379 * v1 * 9 * v2 * 2 * v3 * 3 * v4 / 528 \\
& - 2016977 * v1 * 8 * v2 * 5 * v3 * v4 / 660 - 6178741 * v1 * 8 * v2 * 4 * v3 * 2 * v4 / 528 - 7518877 * v1 * 8 * v2 * 2 * v4 * v3 * v4 / 1320 \\
& - 1448803 * v1 * 7 * v1 * 6 * v3 * v4 / 440 - 84561 * v2 * 15 * v80 - 5639 * v3 * 15 / 440 + 159551 * v1 * v2 * 14 / 880 + 2947 * v3 * 14 * v4 / 220 \\
& - 2288713 * v1 * 6 * v2 * 3 * v4 / 6 * 120 + 5312727 * v1 * 5 * v2 * 5 * v4 / 5 * 440 - 2755167 * v1 * 4 * v2 * 7 * v4 / 4 / 440 - 586991 * v2 * 7 * v3 * v4 / 7 / 20 \\
& - 3355453 * v2 * 5 * v3 * 5 * v4 / 5 / 440 + 8215699 * v2 * 4 * v3 * 7 * v4 / 4 / 440 - 3373043 * v1 * 10 * v3 * 3 * v4 / 2 * 880 \\
& - 14571361 * v1 * 10 * v3 * 2 * v4 / 3 / 2640 - 284686 * v1 * 12 * v2 * 2 * v3 / 55 + 524477 * v1 * 11 * v3 * 2 * v4 / 2 / 110 \\
& + 10402999 * v1 * 2 * 2 * v3 * 2 * v4 / 10 / 2640 - 2988599 * v1 * v2 * 3 * 8 * v4 / 11 / 660 + 2379853 * v1 * v2 * 2 * v4 / 12 / 880 \\
& - 10565147 * v1 * 2 * 3 * v3 * v4 / 11 / 1320 - 3351893 * v1 * 2 * v3 * v4 / 12 / 880 - 993223 * v1 * 3 * v3 * v4 / 11 / 880 \\
& + 2339211 * v1 * 2 * v3 * v4 / 12 / 440 + 4400199 * v1 * v2 * 3 * v4 / 12 / 880 + 209037 * v2 * 3 * 2 * v4 / 12 / 80 + 215191 * v1 * 2 * v2 * 2 * v12 * v3 / 88 \\
& - 31291 * v1 * v2 * 2 * v12 * v4 / 220 + 604797 * v1 * v2 * 12 * v3 * 2 * v4 / 880 - 369751 * v1 * v2 * 12 * v4 / 2 / 880 + 176963 * v1 * v2 * 11 * v4 / 3 / 88 \\
& + 209037 * v2 * 12 * v3 * 2 * v4 / 880 + 3351893 * v2 * 12 * v3 * v4 / 2 / 880 - 10565147 * v2 * 11 * v3 * v4 / 3 / 1320 \\
& + 3434927 * v1 * 3 * v2 * 3 * v3 / 11 / 1320 - 1259327 * v1 * 3 * v3 * 11 * v4 / 1320 - 521333 * v1 * 2 * v2 * 3 * 12 / 880 + 436039 * v1 * 2 * v3 * 12 * v4 / 880 \\
& - 1099139 * v1 * v2 * 3 * 12 * v4 / 2 / 880 - 110921 * v1 * 2 * 3 * 7 * v4 / 110 - 2364473 * v2 * 7 * v3 * 5 * v4 / 3 / 20 \\
& - 6923957 * v2 * 7 * v3 * 4 * v4 / 440 - 1904571 * v2 * 6 * v3 * 8 * v4 / 880 + 17960803 * v2 * 6 * v3 * 7 * v4 / 2 / 880 + 10394 * v2 * 6 * v3 * 6 * v4 / 3 / 15 \\
& + 1176146 * v2 * 6 * v3 * 5 * v4 / 455 + 504187 * v2 * 6 * v3 * 4 * v4 / 5 / 330 + 115491 * v2 * 6 * v3 * 9 * v4 / 40 - 6659097 * v2 * 5 * v3 * 8 * v4 / 2 / 440 \\
& + 891351 * v2 * 5 * v3 * 7 * v4 / 3 / 40 - 17765387 * v2 * 5 * v3 * 6 * v4 / 4 / 1320 + 504187 * v2 * 5 * v3 * 4 * v4 / 6 / 330 \\
& - 5774893 * v2 * 4 * v3 * 4 * v4 / 2640 + 2488351 * v2 * 4 * v3 * 9 * v4 / 4 / 240 - 657137 * v2 * 4 * v3 * 8 * v4 / 3 / 88 \\
& - 17765387 * v2 * 4 * v3 * 6 * v4 / 5 / 1320 + 1176148 * v2 * 4 * v3 * 5 * v4 / 6 / 55 - 6923957 * v2 * 4 * v3 * 4 * v4 / 7 / 440 \\
& + 206533 * v2 * 3 * 11 * v4 / 330 + 28764181 * v1 * 11 * v2 * 3 * v4 / 2640 - 617377 * v1 * 11 * v2 * 2 * v4 / 2 / 55 \\
& - 42298895 * v1 * 10 * v2 * 4 * v4 / 2640 - 48494759 * v1 * 10 * v2 * 3 * v4 / 2640 - 42998591 * v1 * 10 * v2 * 2 * v3 * v4 / 2640 \\
& + 55083247 * v1 * 9 * v2 * 5 * v4 / 2640 + 56466029 * v1 * 9 * v2 * 4 * v4 / 2 / 2640 + 2790139 * v1 * 9 * v2 * 3 * v4 / 3 / 120 \\
& - 57951059 * v1 * 8 * v2 * 6 * v4 / 2640 - 4189107 * v1 * 8 * v2 * 5 * v4 / 2 / 176 - 478673 * v1 * 8 * v2 * 4 * v4 / 3 / 24 + 3563843 * v1 * 7 * v2 * 7 * v4 / 176 \\
& + 16723371 * v1 * 7 * v2 * 6 * v4 / 2 / 880 + 206537 * v1 * 7 * v2 * 5 * v4 / 3 / 16 + 3962853 * v1 * 7 * v2 * 4 * v3 * 4 / 440 \\
& - 40212811 * v1 * 6 * v2 * 4 * v4 / 2640 - 2469455 * v1 * 6 * v2 * 7 * v4 / 2 / 176 - 1481213 * v1 * 6 * v2 * 6 * v4 / 3 / 120 \\
& - 7826001 * v1 * 6 * v2 * 5 * v3 * v4 / 440 + 7997701 * v1 * 6 * v2 * 4 * v3 * 5 / 1320 + 5260037 * v1 * 7 * v2 * 9 * v4 / 528 \\
& + 5801449 * v1 * 5 * v2 * 8 * v2 * 8 * v4 / 288 + 2110919 * v1 * 5 * v2 * 7 * v4 / 2 / 10 + 2364473 * v2 * 7 * v3 * 5 * v4 / 3 / 20 \\
& - 14627803 * v1 * 5 * v2 * 4 * v3 * 6 / 1320 - 12291019 * v1 * 4 * v2 * 10 * v4 / 2640 - 10195357 * v1 * 4 * v2 * 9 * v4 / 2 / 2640 \\
& - 38915 * v1 * 4 * v2 * 8 * v2 * 4 * v3 / 12 + 11545907 * v1 * 4 * v2 * 6 * v3 / 560 - 9105801 * v1 * 3 * v2 * 10 * v4 / 2 / 2640 \\
& + 4356607 * v1 * 4 * v2 * 4 * v3 / 220 + 1695739 * v1 * 3 * v2 * 11 * v4 / 880 + 1406603 * v1 * 3 * v2 * 10 * v4 / 2 / 2640 \\
& + 16173 * v1 * 3 * v2 * 9 * v4 / 3 / 4 / 4 - 26721 * v1 * 2 * v2 * 11 * v4 / 2 / 220 + 2362237 * v1 * 2 * v2 * 10 * v4 / 3 / 2640 \\
& - 67779 * v1 * 2 * v2 * 2 * v3 * 11 / 1320 - 57961 * v2 * 3 * 12 * v4 / 2 / 880 - 57961 * v2 * 2 * v3 * 3 * v4 / 3 / 88 \\
& - 520181 * v1 * 3 * v2 * 4 * v4 / 11 / 52 * - 43128 * v1 * 2 * v2 * 2 * v4 / 11 / 11 + 10505 * v1 * 2 * v2 * 4 * v4 / 12 / 8 - 2513069 * v1 * 12 * v2 * 2 * v4 / 440 \\
& - 1623755 * v1 * 12 * v2 * 2 * v4 / 2 / 220 + 697079 * v1 * 12 * v2 * 4 * v3 / 48 - 1233733 * v1 * 12 * v2 * 3 * v2 * 4 * v880 \\
& - 459057 * v1 * 12 * v3 * v4 / 2 / 220 + 2225044 * v1 * 11 * v2 * 3 * v3 / 165 + 298297 * v1 * 11 * v3 * v4 / 88 + 952877 * v1 * 11 * v3 * v4 / 3 / 880 \\
& - 11722741 * v1 * 10 * v2 * 3 * v3 * v4 / 1320 - 22623079 * v1 * 10 * v2 * 2 * v3 * 2 * v4 / 2640 - 3432833 * v1 * 10 * v2 * 2 * v3 * v4 / 2 / 40 \\
& - 21487259 * v1 * 10 * v2 * 2 * v3 * v4 / 1320 - 17941521 * v1 * 10 * v2 * 3 * v2 * 4 * v2 / 880 + 4943733 * v1 * 3 * v2 * 2 * v4 * v4 / 10 / 2640 \\
& + 2527507 * v1 * 9 * v2 * 3 * v3 * v4 / 2 / 176 + 12034437 * v1 * 9 * v2 * 2 * v3 * 2 * v4 / 2 / 880 + 9587443 * v1 * 9 * v2 * 2 * v3 * v4 / 3 / 2640 \\
& - 3627947 * v1 * 9 * v2 * 3 * v3 * v4 / 165 + 13720813 * v1 * 9 * v2 * 3 * v3 * 3 * v4 / 2 / 528 + 2086863 * v1 * 9 * v2 * 3 * 2 * v4 / 3 / 88 \\
& - 30886547 * v1 * 8 * v2 * 3 * 3 * v3 * v4 / 2640 - 12470817 * v1 * 8 * v2 * 3 * 3 * v2 * 4 * v4 / 2 / 40 - 6102343 * v1 * 8 * v2 * 3 * v3 * v4 / 3 / 528 \\
& - 3814489 * v1 * 8 * v2 * 2 * v3 * 3 * v4 / 880 - 743926 * v1 * 8 * v2 * 3 * 2 * v4 / 2 / 20 + 558263 * v1 * 5 * v2 * 6 * v3 / 4 / 1320 \\
& - 38915 * v1 * 4 * v2 * 8 * v2 * 4 * v3 / 12 + 11545907 * v1 * 4 * v2 * 6 * v3 / 560 - 9105801 * v1 * 3 * v2 * 10 * v4 / 2 / 2640 \\
& + 4356607 * v1 * 4 * v2 * 4 * v3 / 220 + 183947 * v1 * 7 * v2 * 2 * v3 * 3 * v4 / 2 / 22 + 183947 * v1 * 7 * v2 * 2 * v3 * 2 * v4 / 3 / 24 \\
& - 2148837 * v1 * 8 * v2 * 2 * v3 * 3 * v4 / 2640 - 448101 * v1 * 8 * v2 * 3 * v3 * 5 * v4 / 20 - 2639747 * v1 * 8 * v2 * 3 * v4 / 4 / 28 \\
& - 2075789 * v1 * 8 * v2 * 3 * v3 * 4 * v3 / 80 - 743926 * v1 * 8 * v2 * 3 * 2 * v4 / 2880 + 253655017 * v1 * 7 * v2 * 3 * v3 * v4 / 4 / 2640 \\
& + 376451 * v1 * 7 * v2 * 2 * v3 * 3 * v4 / 22 / 183947 * v1 * 7 * v2 * 2 * v3 * 3 * v4 / 3 / 6 / 240 + 13589739 * v1 * 7 * v2 * 3 * v3 * v4 / 4 / 880 \\
& - 201811 * v1 * 7 * v2 * 2 * v3 * 5 * v4 / 44 + 468613 * v1 * 7 * v2 * 2 * v3 * 4 * v4 / 240 - 821081 * v1 * 7 * v2 * 2 * v3 * 3 * v4 / 4 / 240 \\
& + 7084109 * v1 * 7 * v2 * 3 * v4 / 240 + 7151939 * v1 * 7 * v2 * 3 * v4 / 240 + 6355421 * v1 * 7 * v2 * 3 * v4 / 4 / 240 \\
& + 6566203 * v1 * 7 * v2 * 3 * v2 * 4 * v4 / 240 - 3651157 * v1 * 6 * v2 * 3 * v3 * 5 * v4 / 240 - 1552999 * v1 * 6 * v2 * 3 * v3 * v4 / 4 / 240 \\
& - 1637963 * v1 * 6 * v2 * 3 * v3 * v4 / 3 / 120 - 262373 * v1 * 6 * v2 * 3 * v3 * 2 * v4 / 4 / 6 - 4024507 * v1 * 6 * v2 * 3 * v3 * v4 / 5 / 240 \\
& + 543847 * v1 * 6 * v2 * 2 * v3 * 3 * v4 / 240 - 13891 * v1 * 4 * v2 * 2 * v3 * 4 * v4 / 8 / 240 - 76279 * v1 * 6 * v2 * 2 * v3 * 4 * v4 / 3 / 24 \\
& + 496769 * v1 * 6 * v2 * 2 * v3 * 3 * v4 / 4 / 20 - 97229 * v1 * 6 * v2 * 2 * v3 * 2 * v4 / 5 / 24 + 1239947 * v1 * 6 * v2 * 2 * v3 * v4 / 6 / 48 \\
& - 48883 * v1 * 6 * v2 * 3 * v3 * 4 * v4 / 240 - 6045841 * v1 * 6 * v2 * 3 * v3 * 2 * v4 / 240 - 303529 * v1 * 6 * v2 * 3 * v3 * v4 / 3 / 16 \\
& - 1430617 * v1 * 6 * v2 * 3 * v3 * 4 * v4 / 48 - 4615597 * v1 * 6 * v2 * 3 * v3 * 4 * v4 / 240 - 984877 * v1 * 6 * v2 * 3 * v3 * v4 / 6 / 48 \\
& + 4102273 * v1 * 5 * v2 * 3 * v3 * 6 * v4 / 240 + 2179897 * v1 * 5 * v2 * 3 * v3 * 4 * v4 / 2 / 120 + 538435 * v1 * 5 * v2 * 3 * v3 * 4 * v4 / 3 / 240 \\
& + 463013 * v1 * 5 * v2 * 3 * v3 * 4 * v4 / 30 + 55912803 * v1 * 5 * v2 * 3 * v3 * 4 * v4 / 6 / 240 - 688371 * v1 * 5 * v2 * 3 * v3 * 7 * v4 / 80 \\
& - 2793041 * v1 * 5 * v2 * 2 * v3 * 6 * v4 / 240 - 82205 * v1 * 5 * v2 * 2 * v3 * 5 * v4 / 3 / 6 / 240 - 373741 * v1 * 5 * v2 * 2 * v3 * v4 / 4 / 120 \\
& - 833669 * v1 * 5 * v2 * 2 * v3 * 3 * v4 / 240 - 876269 * v1 * 5 * v2 * 2 * v3 * 2 * v4 / 6 * 120 - 7682159 * v1 * 5 * v2 * 2 * v3 * v4 / 7 / 240 \\
& - 1457639 * v1 * 5 * v2 * 2 * v3 * 4 * v4 / 15 + 1304729 * v1 * 5 * v2 * 3 * v3 * 4 * v4 / 15 - 687617 * v1 * 5 * v2 * 3 * 6 * v4 / 3 / 48 \\
& + 1254987 * v1 * 5 * v2 * 3 * v3 * 4 * v4 / 80 + 1484317 * v1 * 5 * v2 * 3 * v3 * 4 * v4 / 5 / 80 - 682631 * v1 * 5 * v2 * 3 * v3 * 2 * v4 / 4 / 78 \\
& - 26339239 * v1 * 4 * v2 * 3 * v3 * 7 * v4 / 2640 - 282871 * v1 * 4 * v2 * 3 * v3 * 6 * v4 / 2 / 120 - 716429 * v1 * 4 * v2 * 3 * v3 * 5 * v4 / 3 / 60 \\
& - 48451 * v1 * 4 * v2 * 3 * v3 * 4 * v4 / 7 / 12 - 44413 * v1 * 4 * v2 * 3 * v3 * 2 * v4 / 6 / 2 - 5677621 * v1 * 4 * v2 * 3 * v3 * v4 / 7 / 240 \\
& + 12197017 * v1 * 4 * v2 * 2 * v3 * 3 * v4 / 2640 + 720601 * v1 * 4 * v2 * 2 * v3 * 7 * v4 / 2 / 48 + 77837 * v1 * 4 * v2 * 2 * v3 * 6 * v4 / 3 / 24 \\
& + 700577 * v1 * 4 * v2 * 2 * v3 * 5 * v4 / 4 / 40 - 13891 * v1 * 4 * v2 * 2 * v3 * 4 * v4 / 8 / 240 - 396641 * v1 * 4 * v2 * 2 * v3 * 3 * v4 / 6 / 12 \\
& - 35531 * v1 * 4 * v2 * 2 * v3 * 3 * v4 / 7 / 4 / 240 - 6928423 * v1 * 4 * v2 * 2 * v3 * 4 * v4 / 8 / 240 - 177001 * v1 * 3 * v2 * 2 * v3 * v4 / 4 / 110 \\
& - 27476807 * v1 * 4 * v2 * 3 * 8 * v4 / 2640 - 13620107 * v1 * 4 * v2 * 3 * v4 / 3 / 2640 - 35435527 * v1 * 4 * v2 * 3 * v4 / 6 / 2640 \\
& - 37560221 * v1 * 4 * v2 * 3 * v4 / 2 / 120 - 997357 * v1 * 4 * v2 * 3 * v3 * 4 * v4 / 7 / 88 - 1326727 * v1 * 4 * v2 * 3 * v3 * 5 * v4 / 6 / 240 \\
& + 37176317 * v1 * 3 * v2 * 3 * v3 * 8 * v4 / 2640 + 12518261 * v1 * 3 * v2 * 3 * v3 * 7 * v4 / 2 / 165 + 39324 * v1 * 3 * v2 * 3 * v3 * 5 * v4 / 4 / 120 \\
& + 1301983 * v1 * 3 * v2 * 3 * v3 * 4 * v4 / 5 / 120 - 6954094 * v1 * 3 * v2 * 3 * v3 * 3 * v4 / 6 / 4 / 240 + 332029 * v1 * 3 * v2 * 3 * v3 * 2 * v4 / 7 / 60 \\
& - 64359 * v1 * 3 * v2 * 2 * v3 * 3 * v4 / 2 / 5 / 240 - 629497 * v1 * 3 * v2 * 2 * v3 * 6 * v4 / 4 / 120 - 345856 * v1 * 3 * v2 * 2 * v3 * 5 * v4 / 5 / 15 \\
& + 71624 * v1 * 3 * v2 * 2 * v3 * 4 * v4 / 6 / 5 / 240 - 203653 * v1 * 3 * v2 * 2 * v3 * 3 * v4 / 7 / 12 - 113645 * v1 * 3 * v2 * 2 * v3 * 3 / 24 \\
& - 585397 * v1 * 3 * v2 * 2 * v3 * 4 * v4 / 9 / 240 + 796358 * v1 * 3 * v2 * 3 * v4 / 10 / 165 + 4163627 * v1 * 3 * v2 * 3 * v4 / 6 / 240 \\
& + 540539 * v1 * 3 * v2 * 3 * 4 * v4 / 8 / 880 + 6887425 * v1 * 3 * v2 * 3 * v4 / 8 / 528 - 1719507 * v1 * 3 * v2 * 3 * v4 / 9 / 240 \\
& + 18731 * v1 * 2 * v2 * 3 * v3 * v4 / 3 / 12 - 113645 * v1 * 3 * v2 * 2 * v3 * 3 / 24 - 956907 * v1 * 2 * v2 * 11 * v3 * 2 / 220 \\
& + 350387 * v1 * 2 * v2 * 10 * v3 * 3 / 44 - 213$$

- 589843*v1^2*v3^2*v4^11/66 - 12967*v1*v2^11*v3^3/55 - 322683*v1*v2^10*v3^4/176 + 330623*v1*v2^9*v3^5/60
 - 8824561*v1*v2^8*v3^6/880 + 708957*v1*v2^7*v3^7/55 - 33594731*v1*v2^6*v3^8/2640 + 4152017*v1*v2^5*v3^9/440
 - 4600063*v1*v2^4*v3^10/880 + 508165*v1*v2^3*v3^11/264 - 4359253*v1*v3^11*v4^3/1320
 + 8934781*v1*v3^10*v4^4/1320 - 4295023*v1*v3^9*v4^5/330 + 5474195*v1*v3^8*v4^6/264 - 3061317*v1*v3^7*v4^7/110
 + 39756733*v1*v3^6*v4^8/1320 - 11794037*v1*v3^5*v4^9/440 + 2495881*v1*v3^4*v4^10/1320
 - 4850829*v1*v3^3*v4^11/440 - 592279*v2^11*v3^3*v4/120 + 17313223*v2^10*v3^4*v4/2640
 - 9208471*v2^9*v3^5*v4/1320 - 42434349*v2^9*v3^4*v4/2264 + 2387351*v2^8*v3^6*v4/528
+ 10983977*v2^8*v3^5*v4^2/528 + 128665*v2^8*v3^4*v4^3/12 - 14520533*v1^10*v2^3*v3^2/880
- 492813*v1^10*v2^2*v3^3/40 + 1155983*v1^9*v2^3*v3^3/60 + 8010349*v1^9*v2^2*v3^4/660
- 1573435*v1^8*v2^3*v3^4/66 - 1301129*v1^8*v2^2*v3^5/264 + 9518453*v1^7*v2^3*v3^5/440 - 17714*v1^7*v2^2*v3^6/5
- 2689043*v1^6*v2^3*v3^6/120 + 111537*v1^6*v2^2*v3^7/10 + 1077443*v1^5*v2^3*v3^7/55
- 2175373*v1^5*v2^2*v3^8/165 - 480533*v1^4*v2^3*v3^8/264 + 5121131*v1^4*v2^2*v3^9/440 + 20757*v1^3*v2^3*v3^9/2
- 731017*v1^3*v2^2*v3^10/120 - 1689749*v1^2*v2^3*v3^12/200 + 1923737*v1^2*v2^2*v3^11/660
- 2870533*v2^3*v3^10*v4^2/660 - 657137*v2^3*v3^8*v4^8/88 + 891351*v2^3*v3^7*v4^5/440
+ 10394*v2^3*v3^6*v4/6/15 - 181987*v2^3*v3^5*v4/7/20 + 128665*v2^3*v3^4*v4/8/12 - 42689*v2^3*v3^3*v4/9/3
+ 361161*v2^3*v3^2*v4/10/40 - 1357537*v2^2*v3^11*v4^2/660 - 2870533*v2^2*v3^10*v4^3/660
+ 2488351*v2^2*v3^9*v4/4/240 - 66598097*v2^2*v3^8*v4^5/440 + 17968803*v2^2*v3^7*v4^6/880
- 2364473*v2^2*v3^6*v4/7/110 + 10983977*v2^2*v3^5*v4^8/528 - 4234349*v2^2*v3^4*v4^9/264
+ 2886287*v2^2*v3^3*v4^10/240 - 234723*v2^2*v3^2*v4^11/330 + 206533*v2^3*v3^11*v4^3/330
- 5774893*v2^3*v3^10*v4^4/2640 + 115491*v2^3*v3^4*v5/40 - 1904571*v2^3*v3^8*v4^6/880 - 119021*v2^3*v3^7*v4^7/110
+ 2387351*v2^3*v3^6*v4/8/528 - 9208471*v2^3*v3^5*v4^9/1320 - 17313223*v2^3*v4^10/2640 - 592279*v2^3*v3^3*v4^11/120
+ 2346909*v1^11*v2^3*v3^2/2640 - 6545221*v1^11*v2^2*v3^2/660 - 245913*v1^10*v2^4*v3/22
+ 2394847*v1^9*v2^5*v3/2640 + 2844406*v1^9*v2^4*v3/126 - 4192819*v1^8*v2^6*v3/660
- 49884001*v1^8*v2^5*v3^2/2640 - 262871*v1^8*v2^4*v3^3/24 + 505199*v1^7*v2^7*v3/880
+ 6491943*v1^7*v2^6*v3^2/440 + 396083*v1^7*v2^5*v3^3/40 + 275909*v1^6*v2^8*v3/55 - 11741441*v1^6*v2^7*v3^2/880
+ 46393*v1^6*v2^6*v3^7/20 - 108513*v1^6*v2^9*v3/16 + 20040321*v1^5*v2^8*v3^2/440 - 1211607*v1^5*v2^7*v3^3/440
+ 149515*v1^4*v2^10*v3/22 - 743699*v1^4*v2^9*v3^2/80 + 1015699*v1^4*v2^8*v3^3/88 - 217785*v1^3*v2^11*v3/528
+ 1288685*v1^3*v2^3*v4^10*v3/264 - 840569*v1^10*v3^4*v4/264 + 93887*v1^9*v3^5*v4/128 + 811829*v1^8*v3^4*v4^2/240
- 23191*v1^9*v2^3*v3^4*v4/3/12 + 531809*v1^9*v3^2*v4^4/80 + 82331*v1^8*v3^6*v4/60 - 284047*v1^8*v3^5*v4^2/240
- 1587*v1^8*v3^4*v4^4/3/8 - 5288*v1^8*v3^4*v4^4/2 - 1959511*v1^8*v3^2*v4^5/240 - 42757*v1^7*v3^6*v4^2/16
- 48661*v1^8*v3^4*v4^3/8 + 8777*v1^7*v3^4*v4^4/4 + 1004681*v1^7*v3^2*v4^4/60 + 321773*v1^6*v3^6*v4^3/120
+ 1116353*v1^6*v3^5*v4^4/120 - 162049*v1^6*v2^3*v4^4/5/30 - 1397147*v1^6*v3^2*v4^7/80 - 748103*v1^5*v3^9*v4/330
- 3497721*v1^5*x^3*v4^8/2880 + 317209*v1^5*x^6*v4^4/440 + 5739087*v1^5*x^3*v4^6/440
+ 18410077*v1^5*v3^2*v4^8/880 + 278417*v1^4*v3^10*v4/264 + 690777*v1^4*v3^9*v4^2/176
- 170311*v1^4*v3^8*v4^3/132 - 5353441*v1^4*v3^5*v4^5/660 + 23725711*v1^4*x^3*v4^6/1320
- 7992289*v1^4*x^3*v4^7/440 + 6726295*v1^4*x^3*v4^8/264 - 50721521*v1^4*x^3*v4^9/2640
+ 426377*v1^6*x^3*v4^8/15 + 1120191*v1^11*x^3*v4^8/15 + 1020*x^3*v4^4/176 - 596327*v1^9*x^3*v4^5/48
+ 5624377*v1^8*x^3*v4^6/240 + 1638833*x^1^6*x^3*v4^8/48 - 15451141*v1^5*x^3*v4^9/528 + 17637119*v1^4*x^3*v4^10/880
- 607291*v1^7*x^3*v4^2/880 - 2105937*v1^5*x^3*v4^3/440 - 1783009*v1^3*x^4*v13/880
+ 355237*x^2^12*x^4/3/176 - 602781*v2^11*x^4/176 - 3699973*x^2^10*x^4/5/880 - 294957*v2^9*x^4/6/880
- 294957*x^2^6*x^4/9/80 + 3699973*x^2^5*x^4/10/880 - 602781*v2^4*x^4/11/176 - 355237*x^2^3*x^4/12/176
+ 23309*x^2^8*x^4/7/16 - 82235*x^2^2*x^4/13/88 + 23309*x^2^7*x^4/8/16 + 24659*x^2*v4^14/88 - 82235*x^2^13*x^4^2/88
+ 6438743*x^2^10*x^3*v4^4/440 - 1407641*x^2^9*x^3*v4^5/66 + 1089279*x^2^8*x^3*v4^6/440 + 1089279*x^2^6*x^3*v4^8/40
- 1407641*x^2^5*x^3*v4^9/66 + 1747277*x^1^9*x^2^4/80 + 2094383*x^1^11*x^2^4/176 - 437471*x^1^4*x^2/440
+ 30345*x^1^13*x^2^2/11 - 1143369*x^1^12*x^2^3/176 - 3155013*x^1^10*x^2^5/176 - 354297*x^1^8*x^2^7/16
+ 1486939*x^1^7*x^2^8/88 - 211531*x^1^6*x^2^9/16 + 6953153*x^1^5*x^2^10/880 - 737035*x^1^4*x^2^11/176
+ 323051*x^1^3*x^2^12/176 - 332401*x^1^2*x^2^13/440 - 7708903*x^1^2*x^2^9*x^4/2640 - 2705817*x^1^2*x^2^8*x^4/5/880
- 345459*x^1^2*x^2^7*x^4/6/80 - 294957*x^1^2*x^2^9*x^4/1320 + 2034941*x^1^2*x^2^9*x^4/5/330
- 695677*x^1^2*x^2^8*x^4/6/120 - 142859*x^1^2*x^2^5*x^4/9/30 + 7932569*x^1^2*x^2^4*x^4/10/1320 - 887453*x^1^6*x^2^2*x^4/7/80
+ 675221*x^1^5*x^2^2*x^4/8/80 - 34281*x^1^4*x^2*x^4/7/20 - 87197*x^1^4*x^2^3*x^4/8/24 + 33409*x^1^3*x^2^5*x^4/7/10
+ 83347*x^1^3*x^2^4*x^4/8/24 + 32847*x^1^2*x^2^6*x^4/7/16 - 1787*x^1^2*x^2^5*x^4/8/80 + 120811*x^1^2*x^7*v4^7/40
+ 186637*x^1^2*x^6*x^4/8/120 - 32007*x^1^4*x^4/44 - 251975*x^1^13*x^2*x^4/88 + 10729*x^1^13*x^4/2/5
- 85057*x^1^12*x^4/3/176 + 215321*x^1^11*x^2*x^4/176 - 2069572*x^1^10*x^2*x^4/4/880 - 2421651*x^1^10*x^4/5/176
+ 2701460*x^1^9*x^2^4*x^5/880 + 1452359*x^1^9*x^3*x^4/8/48 - 15451141*x^1^5*x^3*x^4/9/528 + 17637119*x^1^4*x^3*v4^10/880
- 607291*x^1^7*x^3*x^4/2/880 - 2105937*x^1^5*x^3*x^4/4/880 - 1783009*x^1^3*x^4*v13/880
+ 355237*x^2^12*x^4/3/176 - 602781*x^2^11*x^4/176 - 3699973*x^2^10*x^4/5/880 - 294957*x^2^9*x^4/6/880
- 294957*x^2^6*x^4/9/80 + 3699973*x^2^5*x^4/10/880 - 602781*x^2^4*x^4/11/176 - 355237*x^2^3*x^4/12/176
+ 23309*x^2^8*x^4/7/16 - 82235*x^2^2*x^4/13/88 + 23309*x^2^7*x^4/8/16 + 24659*x^2*v4^14/88 - 82235*x^2^13*x^4^2/88
+ 6438743*x^2^10*x^3*v4^4/440 - 1407641*x^2^9*x^3*v4^5/66 + 1089279*x^2^8*x^4/6/440
- 1407641*x^2^5*x^3*v4^9/66 + 1747277*x^1^9*x^2^4/80 + 2094383*x^1^11*x^2^4/176 - 437471*x^1^4*x^2/440
+ 30345*x^1^13*x^2^2/11 - 1143369*x^1^12*x^2^3/176 - 3155013*x^1^10*x^2^5/176 - 354297*x^1^8*x^2^7/16
+ 1486939*x^1^7*x^2^8/88 - 211531*x^1^6*x^2^9/16 + 6953153*x^1^5*x^2^10/880 - 737035*x^1^4*x^2^11/176
+ 323051*x^1^3*x^2^12/176 - 332401*x^1^2*x^2^13/440 - 7708903*x^1^2*x^2^9*x^4/2640 - 2705817*x^1^2*x^2^8*x^4/5/880
- 345459*x^1^2*x^2^7*x^4/6/80 - 294957*x^1^2*x^2^9*x^4/1320 + 2034941*x^1^2*x^2^9*x^4/5/330
- 695677*x^1^2*x^2^8*x^4/6/120 - 142859*x^1^2*x^2^5*x^4/9/30 + 7932569*x^1^2*x^2^4*x^4/10/1320 - 887453*x^1^6*x^2^2*x^4/7/80
+ 675221*x^1^5*x^2^2*x^4/8/80 - 34281*x^1^4*x^2*x^4/7/20 - 87197*x^1^4*x^2^3*x^4/8/24 + 33409*x^1^3*x^2^5*x^4/7/10
+ 83347*x^1^3*x^2^4*x^4/8/24 + 32847*x^1^2*x^2^6*x^4/7/16 - 1787*x^1^2*x^2^5*x^4/8/80 + 120811*x^1^2*x^7*v4^7/40
+ 186637*x^1^2*x^6*x^4/8/120 - 32007*x^1^4*x^4/44 - 251975*x^1^13*x^2*x^4/88 + 10729*x^1^13*x^4/2/5
- 85057*x^1^12*x^4/3/176 + 215321*x^1^11*x^2*x^4/176 - 2069572*x^1^10*x^2*x^4/4/880 - 2421651*x^1^10*x^4/5/176
+ 2701460*x^1^9*x^2^4*x^5/880 + 1452359*x^1^9*x^3*x^4/8/48 - 15451141*x^1^5*x^3*x^4/9/528 + 17637119*x^1^4*x^3*v4^10/880
- 607291*x^1^7*x^3*x^4/2/880 - 2105937*x^1^5*x^3*x^4/4/880 - 1783009*x^1^3*x^4*v13/880
+ 355237*x^2^12*x^4/3/176 - 602781*x^2^11*x^4/176 - 3699973*x^2^10*x^4/5/880 - 294957*x^2^9*x^4/6/880
- 294957*x^2^6*x^4/9/80 + 3699973*x^2^5*x^4/10/880 - 602781*x^2^4*x^4/11/176 - 355237*x^2^3*x^4/12/176
+ 23309*x^2^8*x^4/7/16 - 82235*x^2^2*x^4/13/88 + 23309*x^2^7*x^4/8/16 + 24659*x^2*v4^14/88 - 82235*x^2^13*x^4^2/88
+ 6438743*x^2^10*x^3*v4^4/440 - 1407641*x^2^9*x^3*v4^5/66 + 1089279*x^2^8*x^4/6/440
- 1407641*x^2^5*x^3*v4^9/66 + 1747277*x^1^9*x^2^4/80 + 2094383*x^1^11*x^2^4/176 - 437471*x^1^4*x^2/440
+ 30345*x^1^13*x^2^2/11 - 1143369*x^1^12*x^2^3/176 - 3155013*x^1^10*x^2^5/176 - 354297*x^1^8*x^2^7/16
+ 1486939*x^1^7*x^2^8/88 - 211531*x^1^6*x^2^9/16 + 6953153*x^1^5*x^2^10/880 - 737035*x^1^4*x^2^11/176
+ 323051*x^1^3*x^2^12/176 - 332401*x^1^2*x^2^13/440 - 7708903*x^1^2*x^2^9*x^4/2640 - 2705817*x^1^2*x^2^8*x^4/5/880
- 345459*x^1^2*x^2^7*x^4/6/80 - 294957*x^1^2*x^2^9*x^4/1320 + 2034941*x^1^2*x^2^9*x^4/5/330
- 695677*x^1^2*x^2^8*x^4/6/120 - 142859*x^1^2*x^2^5*x^4/9/30 + 7932569*x^1^2*x^2^4*x^4/10/1320 - 887453*x^1^6*x^2^2*x^4/7/80
+ 675221*x^1^5*x^2^2*x^4/8/80 - 34281*x^1^4*x^2*x^4/7/20 - 87197*x^1^4*x^2^3*x^4/8/24 + 33409*x^1^3*x^2^5*x^4/7/10
+ 83347*x^1^3*x^2^4*x^4/8/24 + 32847*x^1^2*x^2^6*x^4/7/16 - 1787*x^1^2*x^2^5*x^4/8/80 + 120811*x^1^2*x^7*v4^7/40
+ 186637*x^1^2*x^6*x^4/8/120 - 32007*x^1^4*x^4/44 - 251975*x^1^13*x^2*x^4/88 + 10729*x^1^13*x^4/2/5
- 85057*x^1^12*x^4/3/176 + 215321*x^1^11*x^2*x^4/176 - 2069572*x^1^10*x^2*x^4/4/880 - 2421651*x^1^10*x^4/5/176
+ 2701460*x^1^9*x^2^4*x^5/880 + 1452359*x^1^9*x^3*x^4/8/48 - 15451141*x^1^5*x^3*x^4/9/528 + 17637119*x^1^4*x^3*v4^10/880
- 607291*x^1^7*x^3*x^4/2/880 - 2105937*x^1^5*x^3*x^4/4/880 - 1783009*x^1^3*x^4*v13/880
+ 355237*x^2^12*x^4/3/176 - 602781*x^2^11*x^4/176 - 3699973*x^2^10*x^4/5/880 - 294957*x^2^9*x^4/6/880
- 294957*x^2^6*x^4/9/80 + 3699973*x^2^5*x^4/10/880 - 602781*x^2^4*x^4/11/176 - 355237*x^2^3*x^4/12/176
+ 23309*x^2^8*x^4/7/16 - 82235*x^2^2*x^4/13/88 + 23309*x^2^7*x^4/8/16 + 24659*x^2*v4^14/88 - 82235*x^2^13*x^4^2/88
+ 6438743*x^2^10*x^3*v4^4/440 - 1407641*x^2^9*x^3*v4^5/66 + 1089279*x^2^8*x^4/6/440
- 1407641*x^2^5*x^3*v4^9/66 + 1747277*x^1^9*x^2^4/80 + 2094383*x^1^11*x^2^4/176 - 437471*x^1^4*x^2/440
+ 30345*x^1^13*x^2^2/11 - 1143369*x^1^12*x^2^3/176 - 3155013*x^1^10*x^2^5/176 - 354297*x^1^8*x^2^7/16
+ 1486939*x^1^7*x^2^8/88 - 211531*x^1^6*x^2^9/16 + 6953153*x^1^5*x^2^10/880 - 737035*x^1^4*x^2^11/176
+ 323051*x^1^3*x^2^12/176 - 332401*x^1^2*x^2^13/440 - 7708903*x^1^2*x^2^9*x^4/2640 - 2705817*x^1^2*x^2^8*x^4/5/880
- 345459*x^1^2*x^2^7*x^4/6/80 - 294957*x^1^2*x^2^9*x^4/1320 + 2034941*x^1^2*x^2^9*x^4/5/330
- 695677*x^1^2*x^2^8*x^4/6/120 - 142859*x^1^2*x^2^5*x^4/9/30 + 7932569*x^1^2*x^2^4*x^4/10/1320 - 887453*x^1^6*x^2^2*x^4/7/80
+ 675221*x^1^5*x^2^2*x^4/8/80 - 34281*x^1^4*x^2*x^4/7/20 - 87197*x^1^4*x^2^3*x^4/8/24 + 33409*x^1^3*x^2^5*x^4/7/10
+ 83347*x^1^3*x^2^4*x^4/8/24 + 32847*x^1^2*x^2^6*x^4/7/16 - 1787*x^1^2*x^2^5*x^4/8/80 + 120811*x^1^2*x^7*v4^7/40
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+ 2701460*x^1^9*x^2^4*x^5/880 + 1452359*x^1^9*x^3*x^4/8/48 - 15451141*x^1^5*x^3*x^4/9/528 + 17637119*x^1^4*x^3*v4^10/880
- 607291*x^1^7*x^3*x^4/2/880 - 2105937*x^1^5*x^3*x^4/4/880 - 1783009*x^1^3*x^4*v13/880
+ 355237*x^2^12*x^4/3/176 - 602781*x^2^11*x^4/176 - 3699973*x^2^10*x^4/5/880 - 294957*x^2^9*x^4/6/880
- 294957*x^2^6*x^4/9/80 + 3699973*x^2^5*x^4/10/880 - 602781*x^2^4*x^4/11/176 - 355237*x^2^3*x^4/12/176
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- 1407641*x^2^5*x^3*v4^9/66 + 1747277*x^1^9*x^2^4/80 + 2094383*x^1^11*x^2^4/176 - 437471*x^1^4*x^2/440
+ 30345*x^1^13*x^2^2/11 - 1143369*x^1^12*x^2^3/176 - 3155013*x^1^10*x^2^5/176 - 354297*x^1^8*x^2^7/16
+ 1486939*x^1^7*x^2^8/88 - 211531*x^1^6*x^2^9/16 + 6953153*x^1^5*x^2^10/880 - 737035*x^1^4*x^2^11/176
+ 323051*x^1^3*x^2^12/176 - 332401*x^1^2*x^2^13/440 - 7708903*x^1^2*x^2^9*x^4/2640 - 2705817*x^1^2*x^2^8*x^4/5/880
- 345459*x^1^2*x^2^7*x^4/6/80 - 294957*x^1^2*x^2^9*x^4/1320 + 2034941*x^1^2*x^2^9*x^4/5/330
- 695677*x^1^2*x^2^8*x^4/6/120 - 142859*x^1^2*x^2^5*x^4/9/30 + 7932569*x^1^2*x^2^4*x^4/10/1320 - 887453*x^1^6*x^2^2*x^4/7/80
+ 675221*x^1^5*x^2^2*x^4/8/80 - 34281*x^1^4*x^2*x^4/7/20 - 87197*x^1^4*x^2^3*x^4/8/24 + 33409*x^1^3*x^2^5*x^4/7/10
+ 83347*x^1^3*x^2^4*x^4/8/24 + 32847*x^1^2*x^2^6*x^4/7/16 - 1787*x^1^2*x^2^5*x^4/8/80 + 120811*x^1^2*x^7*v4^7/40
+ 186637*x^1^2*x^6*x^4/8/120 - 32007*x^1^4*x^4/44 - 251975*x^1^13*x^2*x^4/88 + 10729*x^1^13*x^4/2/5
- 85057*x^1^12*x^4/3/176 + 215321*x^1^11*x^2*x^4/176 - 2069572*x^1^10*x^2*x^4/4/880 - 2421651*x^1^10*x^4/5/176
+ 2701460*x^1^9*x^2^4*x^5/880 + 1452359*x^1^9*x^3*x^4/8/48 - 15451141*x^1^5*x^3*x^4/9/528 + 17637119*x^1^4*x^3*v4^10/880
- 607291*x^1^7*x^3*x^4/2/880 - 2105937*x^1^5*x^3*x^4/4/880 - 1783009*x^1^3*x^4*v13/880
+ 355237*x^2^12*x^4/3/176 - 602781*x^2^11*x^4/176 - 3699973*x^2^10*x^4/5/880 - 294957*x^2^9*x^4/6/880
- 294957*x^2^6*x^4/9/80 + 3699973*x^2^5*x^4/10/880 - 602781*x^2^4*x^4/11/176 - 355237*x^2^3*x^4/12/176
+ 23309*x^2^8*x^4/7/16 - 82235*x^2^2*x^4/13/88 + 23309*x^2^7*x^4/8/16 + 24659*x^2*v4^14/88 - 82235*x^2^13*x^4^2/88
+ 643874

- 554432089*v1^2*v2^5*v3*v4^9/5544 + 16995497*v1^2*v2^4*v3^10*v4/1584 + 527199367*v1^2*v2^4*v3^9*v4^2/11088
 - 670825*v1^2*v2^4*v3^8*v4^3/63 + 969557975*v1^2*v2^4*v3^7*v4^4/11088 - 448817*v1^2*v2^4*v3^6*v4^5/154
 + 13265391*v1^2*v2^4*v3^5*v4^6/154 - 181806439*v1^2*v2^4*v3^4*v4^7/5544 + 1032685817*v1^2*v2^4*v3^3*v4^8/11088
 - 118001507*v1^2*v2^4*v3^2*v4^9/3696 + 105298419*v1^2*v2^4*v3*v4^10/1233 - 5557399*v1^2*v2^3*v3^11*v4/504
 - 110429177*v1^2*v2^3*v3^10*v4^2/5544 - 13261219*v1^2*v2^3*v3^9*v4^3/11088 - 26062877*v1^2*v2^3*v3^8*v4^4/693
 - 716267*v1^2*v2^3*v3^7*v4^5/1088 - 200176873*v1^2*v2^3*v3^6*v4^6/11088 - 26827015*v1^2*v2^3*v3^5*v4^7/924
 + 148052239*v1^2*v2^3*v3^4*v4^8/11088 - 341604761*v1^2*v2^3*v3^3*v4^9/5544 + 17662109*v1^2*v2^2*v3^11*v4^2/1848
 - 1055543*v1^2*v2^3*v3^4*v4^3/144 + 64173463*v1^2*v2^3*v3^9*v4^4/1848 - 126467413*v1^2*v2^2*v3^8*v4^5/3696
 + 74933431*v1^2*v2^2*v3^4*v4^6/1232 - 16630283*v1^2*v2^2*v3^6*v4^7/2777 + 50990973*v1^2*v2^2*v3^5*v4^8/616
 - 245251157*v1^2*v2^2*v3^4*v4^9/3696 + 54974269*v1^2*v2^2*v3^3*v4^10/792 - 75199099*v1^2*v2^2*v3^2*v4^4/11848
 + 422854585*v1^2*v2^2*v3^4*v4^9/11088 - 5636921*v1^2*v2^3*v3^13*v4/1088 - 232566955*v1^2*v2^3*v4^2/11088
 - 528527*v1^2*v2^3*v3^11*v4^3/126 - 8164375*v1^2*v2^3*v3^10*v4^4/1232 + 5113347*v1^2*v2^3*v3^9*v4^5/616
 - 2327375*v1^2*v2^3*v3^8*v4^6/132 - 20999491*v1^2*v2^3*v3^7*v4^7/2777 - 2013701*v1^2*v2^3*v3^6*v4^8/5544
 - 57594541*v1^2*v2^3*v3^5*v4^9/2772 + 284655881*v1^2*v2^3*v3^4*v4^10/11088 - 2364995*v1^2*v2^3*v3^4*v4^5/11088
 + 202608751*v1^2*v2^3*v2^2*v4^12/11088 - 6064165*v1^2*v2^2*v3^10*v4^2/462 - 206911841*v1^2*v2^2*v3^9*v4^3/11088
 - 2977131*v1^2*v2^2*v3^8*v4^4/616 - 149804771*v1^2*v2^2*v3^7*v4^5/3696 + 122363389*v1^2*v2^3*v3^6*v4^6/3696
 - 333741073*v1^2*v2^3*v3^5*v4^5/3696 + 374044717*v1^2*v3^2*v2^3*v4^4*v8/5544 - 118059449*v1^2*v2^2*v3^3*v4^9/1232
 + 554631073*v1^2*v2^3*v3^2*v4^6/1088 - 150590497*v1^2*v2^2*v3^4*v4^11/2777 + 50990973*v1^2*v2^2*v3^5*v4^8/2772
 - 116275*v1^2*v2^3*v3^11*v4^2/99 + 1696966001*v1^2*v2^3*v3^10*v4^3/11088 - 111317*v1^2*v2^3*v3^9*v4^4/88
 + 112706527*v1^2*v2^3*v3^8*v4^5/11088 - 126950713*v1^2*v2^3*v3^7*v4^6/11088 - 49984925*v1^2*v2^3*v3^6*v4^7/11088
 + 366039607*v1^2*v2^3*v3^5*v4^8/11088 - 38991179*v1^2*v2^3*v3^4*v4^9/1386 + 55832261*v1^2*v2^3*v3^4*v4^10/1233
 - 6447937*v1^2*v2^3*v3^2*v4^4/1111 - 346168741*v1^2*v2^3*v3^4*v4^12/11088 - 599685*v1^2*v2^3*v3^4*v4/176
 + 1080895*v1^2*v2^2*v3^2*v4^10/1008 + 4613677*v1^2*v2^2*v3^12*v4/2/36 - 18023395*v1^2*v2^11*v3^3*v4/5544
 - 32409997*v1^2*v2^11*v3^2*v4^2/1848 - 52733125*v1^2*v2^11*v3*v4^3/2772 + 6644881*v1^2*v2^10*v3^4*v4/11088
 + 199513252*v1^2*v2^10*v3^3*v4^2/5544 - 2101451*v1^2*v2^10*v3^2*v4^3/1386 + 389771743*v1^2*v2^10*v3*v4^4/11088
 - 5866457*v1^2*v2^9*v3^5*v4/1848 - 5666227213*v1^2*v2^9*v3^4*v4^2/11088 - 21784324*v1^2*v2^9*v3^3*v4^3/693
 - 382327813*v1^2*v2^9*v3^2*v4^4/11088 - 126966535*v1^2*v2^9*v3^4*v5/1386 + 124171739*v1^2*v2^8*v3^6*v4^2/2772
 + 3127931*v1^2*v2^8*v3^5*v4^2/42 + 255333069*v1^2*v2^8*v3^4*v4^3/11088 - 838776337*v1^2*v2^8*v3^3*v4^4/11088
 + 161606089*v1^2*v2^8*v3^2*v4^5/616 + 4345151527*v1^2*v2^8*v3^4*v6/5544 - 65046721*v1^2*v2^7*v3^7*v4/5544
 - 48347839*v1^2*v2^7*v3^6*v4^2/616 - 17045371*v1^2*v2^7*v3^7*v4^5/316 - 136682111*v1^2*v2^7*v3^4*v4/1848
 - 168764545*v1^2*v2^7*v3^3*v4^5/2772 - 8569765*v1^2*v2^7*v3^2*v4^6/252 - 15894563*v1^2*v2^7*v3^4*v4^7/168
 - 3741615*v1^2*v2^6*v3^8*v4/308 + 151049201*v1^2*v2^6*v3^6*v4/2772 + 3893341*v1^2*v2^6*v3^6*v4/264
 + 124226689*v1^2*v2^6*v3^5*v4/1232 + 239272303*v1^2*v2^6*v3^4*v4^5/11088 + 7106473*v1^2*v2^6*v3^3*v4^6/84
 - 2994841*v1^2*v2^12*v3^4*v4/1848 + 10602969*v1^2*v2^11*v3^2*v4/99 - 21859379*v1^2*v2^11*v3*v4/2772
 - 100404509*v1^2*v3^2*v3^3*v4/3691 - 1833433*v1^2*v3^2*v10*v3^2*v4/248 - 132657193*v1^2*v3^2*v10*v3^4*v3/11088
 + 73245931*v1^2*v3^2*v3^4*v4/1386 + 88139311*v1^2*v3^2*v3^4*v4/211088 + 431209309*v1^2*v3^2*v3^4*v4/11088
 + 134480209*v1^2*v3^2*v3^4*v4/5544 - 251913029*v1^2*v3^2*v3^4*v4/3696 - 50872575*v1^2*v3^2*v3^4*v4/252
 - 72892589*v1^2*v3^2*v3^4*v4/11088 - 96791791*v1^2*v3^2*v3^4*v4/5544
 + 893848229*v1^2*v3^2*v3^6*v4/11088 + 288426367*v1^2*v3^2*v3^5*v4/2/11088 + 575969003*v1^2*v3^2*v3^4*v3/5544
 + 9944515*v1^2*v3^2*v3^4*v3^5*v4/264 + 228140855*v1^2*v3^2*v3^4*v3^5/3696 + 917968183*v1^2*v3^2*v3^4*v6/11088
 - 193561751*v1^2*v3^2*v3^4*v6/11088 - 11588831*v1^2*v3^2*v3^6*v4/2/264 - 575428451*v1^2*v3^2*v3^5*v4/3/5544
 - 76541867*v1^2*v3^2*v6^2*v3^4*v4/1848 - 22190011*v1^2*v3^2*v6^3*v3^3*v4^5/252 - 2514823*v1^2*v3^2*v6^3*v4/6/84
 - 120607681*v1^2*v3^2*v6^3*v3^4*v4/1008 + 113932109*v1^2*v3^2*v5^3*v3^8*v4/1848 + 24139593*v1^2*v3^2*v5^3*v3^7*v4/2161
 + 57361749*v1^2*v3^2*v5^3*v4^6/3544 + 19347397*v1^2*v3^2*v5^3*v4^5/4528 + 1091451*v1^2*v3^2*v5^3*v4^4/5/16
 + 17960291*v1^2*v3^2*v3^3*v3^4*v6/252 + 35881919*v1^2*v3^2*v3^2*v4^7/112 + 120762505*v1^2*v3^2*v5^3*v3^4*v8/1008
 - 150890053*v1^2*v3^2*v4^3*v4/3696 - 3742120191*v1^2*v3^2*v4^3*v4/2/11088 - 438980977*v1^2*v3^2*v4^3*v4/5544
 - 126586527*v1^2*v3^2*v3^6*v4/1232 - 54592911*v1^2*v3^2*v3^5*v4/5/616 + 5194259*v1^2*v3^2*v4^3*v4/6/528
 - 218925055*v1^2*v3^2*v4^3*v3^4*v7/1848 + 2291342*v1^2*v3^2*v4^3*v2^4*v8/99 - 10055433*v1^2*v3^2*v4^3*v4/9/924
 + 1845487*v1^2*v3^2*v3^3*v10*v4/616 + 26092097*v1^2*v3^2*v3^9*v4^2/1386 + 582771251*v1^2*v3^2*v3^8*v4/3/11088
 + 35175575*v1^2*v3^2*v3^4*v7*v4/5544 + 562164079*v1^2*v3^2*v3^6*v4/5/11088 + 241992799*v1^2*v3^2*v5^3*v3^7*v4/2161
 + 66556117*v1^2*v3^2*v3^4*v4^7/2772 + 784747825*v1^2*v3^2*v3^3*v4^8/11088 - 293037169*v1^2*v3^2*v3^2*v4^9/11088
 + 328733291*v1^2*v3^2*v3^4*v4^7/10369 - 38561917*v1^2*v3^2*v3^2*v4^7/1147 + 52815717*v1^2*v3^2*v3^4*v4/1848
 - 863564305*v1^2*v3^2*v3^4*v4^2/11088 - 55656661*v1^2*v3^2*v3^4*v4/2/11088 - 62044713*v1^2*v3^2*v3^2*v4^4/1232
 - 96884271*v1^2*v3^2*v3^6*v4/1232 + 37342277*v1^2*v3^2*v3^5*v4/5544 + 5742851*v1^2*v3^2*v6^3*v4/2/5544
 + 12152255*v1^2*v3^2*v6^3*v3^4*v4/3696 + 919532951*v1^2*v3^2*v6^3*v4/2/264 - 292767717*v1^2*v3^2*v6^3*v4/5/1848
 + 468526277*v1^2*v3^2*v6^3*v3^4*v6/5544 - 112362363*v1^2*v3^2*v3^5*v4/5/616 + 358028581*v1^2*v3^2*v5^3*v3^7*v4/2/3696
 - 18543467*v1^2*v3^2*v5^3*v4^5/528 - 801032832*v1^2*v3^2*v5^3*v4^4/1008 - 7473311*v1^2*v3^2*v5^3*v3^4/5/16
 - 68709971*v1^2*v3^2*v5^3*v2^4/616/1008 - 14804267*v1^2*v3^2*v5^3*v4/7/168 + 1710166*v1^2*v3^2*v3^8*v4/63
 + 166290501*v1^2*v3^2*v4^4/2/1848 + 39152173*v1^2*v3^2*v4^6/1848 + 84967805*v1^2*v3^2*v4^3*v4/1848
 + 16776691*v1^2*v3^2*v4^3*v4/1008 + 27888365*v1^2*v3^2*v4^3*v4/6/252 + 4474591*v1^2*v3^2*v4^3*v4/7/1008
 + 117693169*v1^2*v3^2*v4^3*v4/1008 - 365110514*v1^2*v3^2*v4^3*v4/2/11088 - 438980977*v1^2*v3^2*v4^3*v4/5544
 - 39798223*v1^2*v3^2*v3^3*v7*v4/3/1848 - 834767905*v1^2*v3^2*v3^4*v6/4/11088 - 3743851*v1^2*v3^2*v3^3*v4^5/231
 - 293315951*v1^2*v3^2*v3^4*v6/3696 - 536315971*v1^2*v3^2*v3^5*v4/6/3696 + 241992799*v1^2*v3^2*v5^3*v4/6/11088
 - 91912979*v1^2*v3^2*v3^4*v3/924 + 181116869*v1^2*v3^2*v2^2*x3^10*v4/11088 + 146103889*v1^2*v3^2*v3^4*v2/3696
 + 35471221*v1^2*v3^2*v3^4*v4^7/2772 + 6957735*v1^2*v3^2*v3^4*v3/11088 - 4572825*v1^2*v3^2*v3^2*v4^4/2772
 + 512156705*v1^2*v3^2*v3^5*v4^6/5544 + 469982459*v1^2*v3^2*v3^6*v4/11088 + 5230695*v1^2*v3^2*v3^5*v4/2/176
 + 39420847*v1^2*v3^2*v3^4*v4/9/92 + 34222973*v1^2*v3^2*v3^4*v4/10/336 - 22266309*v1^2*v3^2*v3^4*v4/11088
 - 49851756*v1^2*v3^2*v3^4*v4/1008 - 365110514*v1^2*v3^2*v3^4*v4/2/11088 - 710049055*v1^2*v3^2*v3^4*v4/2/11088
 - 39798223*v1^2*v3^2*v3^4*v7*v4/3/1848 - 834767905*v1^2*v3^2*v3^4*v6/4/11088 - 3743851*v1^2*v3^2*v3^3*v4^5/231
 - 293315951*v1^2*v3^2*v3^4*v6/3696 - 536315971*v1^2*v3^2*v3^5*v4/6/3696 + 241992799*v1^2*v3^2*v5^3*v4/6/11088
 - 91912979*v1^2*v3^2*v3^4*v3/924 + 181116869*v1^2*v3^2*x2^2*x3^10*v4/11088 + 146103889*v1^2*v3^2*x3^4*v2/3696
 + 35471221*v1^2*v3^2*v3^4*v4^7/2772 + 6957735*v1^2*v3^2*x3^4*v3/11088 - 4572825*v1^2*v3^2*x3^3*v4^4/2772
 + 512156705*v1^2*v3^2*v3^5*v4^6/5544 + 469982459*v1^2*v3^2*x3^6*v4/11088 + 5230695*v1^2*v3^2*x3^5*v4/2/176
 + 39420847*v1^2*v3^2*v3^4*v4/9/92 + 34222973*v1^2*v3^2*v3^4*v4/10/336 - 22266309*v1^2*v3^2*v3^4*v4/11088
 - 49851756*v1^2*v3^2*v3^4*v4/1008 - 365110514*v1^2*v3^2*v3^4*v4/2/11088 - 710049055*v1^2*v3^2*v3^4*v4/2/11088
 - 39798223*v1^2*v3^2*v3^4*v7*v4/3/1848 - 834767905*v1^2*v3^2*v3^4*v6/4/11088 - 3743851*v1^2*v3^2*v3^3*v4^5/231
 - 293315951*v1^2*v3^2*v3^4*v6/3696 - 536315971*v1^2*v3^2*v3^5*v4/6/3696 + 241992799*v1^2*v3^2*v5^3*v4/6/11088
 - 91912979*v1^2*v3^2*v3^4*v3/924 + 181116869*v1^2*v3^2*x2^2*x3^10*v4/11088 + 146103889*v1^2*v3^2*x3^4*v2/3696
 + 35471221*v1^2*v3^2*v3^4*v4^7/2772 + 6957735*v1^2*v3^2*x3^4*v3/11088 - 4572825*v1^2*v3^2*x3^3*v4^4/2772
 + 512156705*v1^2*v3^2*v3^5*v4^6/5544 + 469982459*v1^2*v3^2*x3^6*v4/11088 + 5230695*v1^2*v3^2*x3^5*v4/2/176
 + 39420847*v1^2*v3^2*v3^4*v4/9/92 + 34222973*v1^2*v3^2*v3^4*v4/10/336 - 22266309*v1^2*v3^2*v3^4*v4/11088
 - 49851756*v1^2*v3^2*v3^4*v4/1008 - 365110514*v1^2*v3^2*v3^4*v4/2/11088 - 710049055*v1^2*v3^2*v3^4*v4/2/11088
 - 39798223*v1^2*v3^2*v3^4*v7*v4/3/1848 - 834767905*v1^2*v3^2*v3^4*v6/4/11088 - 3743851*v1^2*v3^2*v3^3*v4^5/231
 - 293315951*v1^2*v3^2*v3^4*v6/3696 - 536315971*v1^2*v3^2*v3^5*v4/6/3696 + 241992799*v1^2*v3^2*v5^3*v4/6/11088
 - 91912979*v1^2*v3^2*v3^4*v3/924 + 181116869*v1^2*v3^2*x2^2*x3^10*v4/11088 + 146103889*v1^2*v3^2*x3^4*v2/3696
 + 35471221*v1^2*v3^2*v3^4*v4^7/2772 + 6957735*v1^2*v3^2*x3^4*v3/11088 - 4572825*v1^2*v3^2*x3^3*v4^4/2772
 + 512156705*v1^2*v3^2*v3^5*v4^6/5544 + 469982459*v1^2*v3^2*x3^6*v4/11088 + 5230695*v1^2*v3^2*x3^5*v4/2/176
 + 39420847*v1^2*v3^2*v3^4*v4/9/92 + 34222973*v1^2*v3^2*v3^4*v4/10/336 - 22266309*v1^2*v3^2*v3^4*v4/11088
 - 49851756*v1^2*v3^2*v3^4*v4/1008 - 365110514*v1^2*v3^2*v3^4*v4/2/11088 - 710049055*v1^2*v3^2*v3^4*v4/2/11088
 - 39798223*v1^2*v3^2*v3^4*v7*v4/3/1848 - 834767905*v1^2*v3^2*v3^4*v6/4/11088 - 3743851*v1^2*v3^2*v3^3*v4^5/231
 - 293315951*v1^2*v3^2*v3^4*v6/3696 - 536315971*v1^2*v3^2*v3^5*v4/6/3696 + 241992799*v1^2*v3^2*v5^3*v4/6/11088
 - 91912979*v1^2*v3^2*v3^4*v3/924 + 181116869*v1^2*v3^2*x2^2*x3^10*v4/11088 + 146103889*v1^2*v3^2*x3^4*v2/3696
 + 35471221*v1^2*v3^2*v3^4*v4^7/2772 + 6957735*v1^2*v3^2*x3^4*v3/11088 - 4572825*v1^2*v3^2*x3^3*v4^4/2772
 + 512156705*v1^2*v3^2*v3^5*v4^6/5544 + 469982459*v1^2*v3^2*x3^6*v4/11088 + 5230695*v1^2*v3^2*x3^5*v4/2/176
 + 39420847*v1^2*v3^2*v3^4*v4/9/92 + 34222973*v1^2*v3^2*v3^4*v4/10/336 - 22266309*v1^2*v3^2*v3^4*v4/11088
 - 49851756*v1^2*v3^2*v3^4*v4/1008 - 365110514*v1^2*v3^2*v3^4*v4/2/11088 - 710049055*v1^2*v3^2*v3^4*v4/2/11088
 - 39798223*v1^2*v3^2*v3^4*v7*v4/3/1848 - 834767905*v1^2*v3^2*v3^4*v6/4/11088 - 3743851*v1^2*v3^2*v3^3*v4^5/231
 - 293315951*v1^2*v3^2*v3^4*v6/3696 - 536315971*v1^2*v3^2*v3^5*v4/6/3696 + 241992799*v1^2*v3^2*v5^3*v4/6/11088
 - 91912979*v1^2*v3^2*v3^4*v3/924 + 181116869*v1^2*v3^2*x2^2*x3^10*v4/11088 + 146103889*v1^2*v3^2*x3^4*v2/3696
 + 35471221*v1^2*v3^2*v3^4*v4^7/2772 + 6957735*v1^2*v3^2*x3^4*v3/11088 - 4572825*v1^2*v3^2*x3^3*v4^4/2772
 + 512156705*v1^2*v3^2*v3^5*v4^6/5544 + 469982459*v1^2*v3^2*x3^6*v4/11088 + 5230695*v1^2*v3^2*x3^5*v4/2/176
 + 39420847*v1^2*v3^2*v3^4*v4/9/92 + 34222973*v1^2*v3^2*v3^4*v4/10/336 - 22266309*v1^2*v3^2*v3^4*v4/11088
 - 49851756*v1^2*v3^2*v3^4*v4/1008 - 365110514*v1^2*v3^2*v3^4*v4/2/11088 - 710049055*v1^2*v3^2*v3^4*v4/2/11088
 - 39798223*v1^2*v3^2*v3^4*v7*v4/3/1848 - 834767905*v1^2*v3^2*v3^4*v6/4/11088 - 3743851*v1^2*v3^2*v3^3*v4^5/231
 - 293315951*v1^2*v3^2*v3^4*v6/3696 - 536315971*v1^2*v3^2*v3^5*v4/6/3696 + 241992799*v1^2*v3^2*v5^3*v4/6/11088
 - 91912979*v1^2*v3^2*v3^4*v3/924 + 181116869*v1^2*v3^2*x2^2*x3^10*v4/11088 + 146103889*v1^2*v3^2*x3^4*v2/3696
 + 35471221*v1^2*v3^2*v3^4*v4^7/2772 + 6957735*v1^2*v3^2*x3^4*v3/11088 - 4572825*v1^2*v3^2*x3^3*v4^4/2772
 + 512156705*v1^2*v3^2*v3^5*v4^6/5544 + 469982459*v1^2*v3^2*x3^6*v4/11088 + 5230695*v1^2*v3^2*x3^5*v4/2/176
 + 39420847*v1^2*v3^2*v3^4*v4/9/92 + 34222973*v1^2*v3^2*v3^4*v4/10/336 - 22266309*v1^2*v3^2*v3^4*v4/11088
 - 49851756*v1^2*v3^2*v3^4*v4/1008 - 365110514*v1^2*v3^2*v3^4*v4/2/11088 - 710049055*v1^2*v3^2*v3^4*v4/2/11088
 - 39798223*v1^2*v3^2*v3^4*v7*v4/3/1848 - 834767905*v1^2*v3^2*v3^4*v6/4/11088 - 3743851*v1^2*v3^2*v3^3*v4^5/231
 - 293315951*v1^2*v3^2*v3^4*v6/3696 - 536315971*v1^2*v3^2*v3^5*v4/6/3696 + 241992799*v1^2*v3^2*v5^3*v4/6/11088
 - 91912979*v1^2*v3^2*v3^4*v3/924 + 181116869*v1^2*v3^2*x2^2*x3^10*v4/11088 + 146103889*v1^2*v3^2*x3^4*v2/3696
 + 35471221*v1^2*v3^2*v3^4*v4^7/2772 + 6957735*v1^2*v3^2*x3^4*v3/11088 - 4572825*v1^2*v3^2*x3^3*v4^4/2772
 + 512156705*v1^2*v3^2*v3^5*v4^6/5544 + 469982459*v1^2*v3^2*x3^6*v4/11088 + 5230695*v1^2*v3^2*x3^5*v4/2/176
 + 39420847*v1^2*v3^2*v3^4*v4/9/92 + 34222973*v1^2*v3^2*v3^4*v4/10/336 - 22266309*v1^2*v3^2*v3^4*v4/11088
 - 49851756*v1^2*v3^2*v3^4*v4/1008 - 365110514*v1^2*v3^2*v3^4*v4/2/11

$$\begin{aligned}
& - 254275709*v^2*6*v^3*4*v^4/7/11088 - 557682605*v^2*11*v^3*4*v^4/2/11088 - 237314171*v^2*11*v^3*3*v^4/3/5544 \\
& - 135736849*v^2*11*v^3*2*v^4/4/3696 - 54315347*v^2*11*v^3*v^4/5/924 + 256019065*v^2*10*v^3*6*v/4/11088 \\
& + 408942253*v^2*10*v^3*3*v^4/2/5544 + 175467913*v^2*10*v^3*4*v^4/3/3696 + 707322689*v^2*10*v^3*3*v^4/4/11088 \\
& + 37230359*v^2*10*v^3*2*v^4/5/924 + 159141797*v^2*10*v^3*v^4/6/1848 - 57019819*v^2*9*v^3*7*v/4/3696 \\
& - 20738236*v^2*9*v^3*6*v^4/2/231 - 138854285*v^2*9*v^3*5*v^4/3/2772 - 1665261*v^2*9*v^3*4*v^4/28 \\
& - 404733773*v^2*9*v^3*3*v^4/5/5544 - 94970137*v^2*9*v^3*2*v^4/6/2772 - 74319547*v^2*9*v^3*v^4/7/693 \\
& + 39726943*v^2*8*v^3*8*v^4/11088 + 539331767*v^2*8*v^3*7*v^4/2/5544 + 5572595*v^2*8*v^3*6*v^4/3/1848 \\
& + 3524563*v^2*8*v^3*5*v^4/4/48 + 392851561*v^2*8*v^3*4*v^4/5/11088 + 474996779*v^2*8*v^3*3*v^4/6/5544 \\
& + 7627057*v^2*8*v^3*2*v^4/7/616 + 56743*v^2*8*v^3/15/198 - 109507*v^2*8*v^4/15/66 + 48715*v^2*3*v^4/16/504 \\
& + 277763*v^2*v^4/16/616 + 48715*v^3*16*v^4/504 + 56743*v^3*15*v^4/2/198 - 1517519*v^3*14*v^4/3/616 \\
& + 108236641*v^3*13*v^4/4/11088 - 144911155*v^3*12*v^4/5/5544 + 98256043*v^3*11*v^4/6/1848 - 47310051*v^3*10*v^4/7/5544 \\
& + 3988375*v^3*9*v^4/8/36 - 29645023*v^4/9/252 + 285514319*v^3*7*v^4/2/2772 - 206432095*v^3*6*v/4/11/2772 \\
& + 11756675*v^3*5*v^4/12/264 - 34682029*v^3*4*v^4/13/1584 + 346820359*v^3*3*v^4/14/11088 - 31566749*v^3*2*v^4/15/11088 \\
& + 4215107*v^3*v^4/16/5544 - 2801473*v^1*16*v/2/1848 - 5000099*v^1*16*v/3/5544 - 6440417*v^1*16*v/4/5544 \\
& + 5970047*v^1*15*v^2/2/1232 + 1774777*v^1*15*v^3/2/528 + 1296257*v^1*15*v^4/2/336 - 3003197*v^1*14*v^2/3/231 \\
& - 28188035*v^1*14*v^3/3/3696 - 18238237*v^1*14*v^4/3/1848 + 76221559*v^1*13*v^4/2/2772 + 37347049*v^1*13*v^4/2/2772 \\
& - 5767557*v^1*13*v^4/4/2772 - 76019665*v^1*12*v^2/5/1584 - 17935745*v^1*12*v^3/5/1008 - 405921325*v^1*12*v^4/5/11088 \\
& + 85157335*v^1*11*v^2/6/1232 + 61314353*v^1*11*v^3/6/3696 + 202973591*v^1*11*v^4/6/3696 - 925546487*v^1*10*v^2/7/11088 \\
& - 12350267*v^1*10*v^3/7/1584 - 78683057*v^1*10*v^4/7/11088 + 4062371*v^1*9*v^2/8/48 - 5219881*v^1*9*v^3/8/1008 \\
& + 803333789*v^1*9*v^4/8/1008 - 73429205*v^1*8*v^2/9/1008 + 5325557*v^1*8*v^3/9/336 - 26135693*v^1*8*v^4/9/336 \\
& + 59081795*v^1*7*v^2/10/11088 - 21139245*v^1*7*v^3/10/11088 + 729698225*v^1*7*v^4/10/11088 \\
& - 372739739*v^1*6*v^2/11/11088 + 170143207*v^1*6*v^3/11/11088 - 530234981*v^1*6*v^4/11/11088 \\
& + 22439133*v^1*5*v^2/12/1232 - 32269729*v^1*5*v^3/12/3696 + 103985909*v^1*5*v^4/12/3696 - 488087917*v^1*4*v^2/13/5544 \\
& + 2391374*v^1*4*v^3/13/693 - 85183073*v^1*4*v^4/13/5544 + 38708087*v^1*3*v^2/14/11088 - 1125713*v^1*3*v^4/14/1584 \\
& + 73434121*v^1*3*v^4/14/11088 - 109079*v^1*2*v^5/15/84 - 7731*v^1*2*v^3/15/176 - 1408465*v^1*2*v^4/15/616 \\
& + 1683901*v^1*2*v^5/16/5544 + 894821*v^1*v^3/16/5544 + 521129*v^1*v^4/16/792 + 4215107*v^2*16*v/3/5544 \\
& + 277763*v^2*16*v/4/616 + 31566749*v^2*15*v^3/2/11088 - 109507*v^2*15*v^4/2/66 + 98023589*v^2*14*v^3/3/11088 \\
& + 5770063*v^2*14*v^4/3/1386 - 34682029*v^2*13*v^4/4/1584 - 5212813*v^2*13*v^4/4/616 - 11756675*v^2*12*v^3/5/264 \\
& + 21006521*v^2*12*v^4/5/1584 - 266420959*v^2*11*v^3/6/2772 - 177048677*v^2*11*v^4/6/11088 + 285514319*v^2*10*v^3/7/2772 \\
& + 49638821*v^2*10*v^4/7/3694 - 29645023*v^2*9*v^4/8/252 - 5378899*v^2*9*v^4/8/1008 + 3988375*v^2*8*v^3/9/36 \\
& - 5378899*v^2*8*v^4/9/1008 - 473110051*v^2*7*v^3/10/5544 + 49638821*v^2*7*v^4/10/3696 + 98256043*v^2*6*v^3/11/1848 \\
& - 177084677*v^2*6*v^4/11/11088 - 144911155*v^2*5*v^3/12/5544 + 21006521*v^2*5*v^4/12/1584 \\
& + 108236641*v^2*4*v^3/13/11088 - 5212813*v^2*4*v^4/13/616 - 1517519*v^2*3*v^4/14/616 + 5777063*v^2*3*v^4/14/1386 \\
& + 1167956311*v^1*v^3*8*v^4/8/11088 - 176687713*v^1*v^3*7*v^4/9/1584 - 1087927703*v^1*v^3*6*v^4/10/11088 \\
& - 801983183*v^1*v^3*5*v^4/11/11088 + 1740379*v^1*v^2*4*v^4/12/99 + 11767717*v^1*v^2*3*v^3/13/5544 \\
& + 99502103*v^1*v^3*2*v^4/2/14/11088 - 4412911*v^1*v^3*v^4/15/1386 - 1329597*v^2*15*v^3*v^4/616 \\
& + 29119565*v^2*14*v^4/2/1386 - 7947319*v^2*14*v^3*v^4/2/11088 - 126976763*v^2*13*v^3*v^4/11088 \\
& - 81737801*v^2*13*v^3*2*v^4/2/5544 - 93528599*v^2*13*v^3*v^4/3/5544 + 25702351*v^2*12*v^3*v^4/4/1386 \\
& + 85833179*v^2*12*v^3*2*v^4/2/2772 + 67904513*v^2*12*v^3*2*v^4/3/2772 + 42516611*v^2*12*v^3*v^4/4/1232 \\
& - 89123557*v^2*11*v^3*5*v^4/3696 + 233868905*v^1*v^2*9*v^4/7/11088 - 374306894*v^1*v^2*8*v^3/8/792 \\
& - 9910031*v^1*v^2*8*v^4/8/1008 + 83733821*v^1*v^2*7*v^3/9/1848 - 262241*v^1*v^2*7*v^4/9/48 - 94887481*v^1*v^2*6*v^3/10/2772 \\
& + 18033013*v^1*v^2*6*v^4/10/1008 + 417358*v^1*v^2*5*v^3/11/21 - 235160885*v^1*v^2*5*v^4/11/11088 \\
& - 95006743*v^1*v^2*4*v^3/12/11088 + 1740379*v^1*v^2*4*v^4/12/99 + 11767717*v^1*v^2*3*v^3/13/5544 \\
& - 2669449*v^1*v^2*3*v^4/13/252 + 525454*v^1*v^2*2*v^4/14/11088 + 19655847*v^1*v^2*2*v^4/14/3696 - 241259*v^1*v^2*v^3/15/528 \\
& - 18702323*v^1*v^2*v^4/15/11088 - 112927*v^1*v^3*15*v^4/112 + 134639111*v^1*v^3*14*v^4/2/5544 \\
& - 24157241*v^1*3*v^13*v^4/3/3696 + 3438308*v^1*v^3*12*v^4/4/231 - 49451591*v^1*v^3*11*v^4/5/1584 \\
& + 204314339*v^1*v^3*10*v^4/6/3696 - 308876383*v^1*v^3*9*v^4/7/3696 - 8604784*v^1*v^4/2*v^3*v/4/7/3696 \\
& + 60052937*v^1*13*v^2*8*v^4/3696 + 96778237*v^1*13*v^2*7*v^2*4/3696 + 8039671*v^1*13*v^2*3*v^4/2/308 \\
& - 3508727*v^1*12*v^2*3*v^3*v^4/132 - 170773093*v^1*v^2*12*v^2*2*v^3*2*v^4/5544 + 51504839*v^1*v^2*2*v^2*3*v^3/13/11088 \\
& - 105095275*v^1*2*v^2*3*v^3*v^4/132 - 7897371*v^1*v^2*v^3*14/1848 + 1098899*v^1*2*v^2*v^4/14/336 \\
& + 7354603*v^1*v^2*v^3*14*v^4/5544 + 33419*v^1*v^2*3*v^13*v^4/2/924 - 26161637*v^1*v^2*v^3*12*v^4/3/11088 \\
& - 32484377*v^1*v^2*v^3*11*v^4/4/2772 - 26008945*v^1*v^2*v^3*10*v^4/5/1008 - 533345917*v^1*v^2*v^3*9*v^4/6/11088 \\
& - 775203953*v^1*v^2*v^4/7/11088 - 776221097*v^1*v^2*v^3*v^4/8/11088 - 112431217*v^1*v^2*v^3*6*v^4/9/1232 \\
& + 82694957*v^1*v^2*3*v^5*v^4/10/1008 - 335210495*v^1*v^2*3*v^4*v^4/11/5544 + 214716461*v^1*v^2*v^3*v^4/12/5544 \\
& - 211025975*v^1*2*v^3*v^4/11/11088 + 11248925*v^1*2*v^3*v^4/12/2772 - 673171*v^1*v^2*12*v^3*4/1232 \\
& - 558931*v^1*v^2*15*v^4/11088 + 24107159*v^1*v^2*14*v^3/2/1232 - 350183*v^1*v^2*14*v^4/2/2772 \\
& - 8811373*v^1*v^2*13*v^3*3/3696 + 16402217*v^1*v^2*13*v^4/3/5544 - 673171*v^1*v^2*12*v^3*4/1232 \\
& - 23250485*v^1*v^2*12*v^4/4/2772 + 49179937*v^1*v^2*11*v^3*v^5/5544 + 186489347*v^1*v^2*11*v^4/5/11088 \\
& - 4835901*v^1*v^2*10*v^3/6/21 - 240903719*v^1*v^2*10*v^4/6/11088 + 799903*v^1*v^2*v^3/7/21 \\
& - 27380159*v^1*v^2*9*v^4/6/336 - 21270289*v^1*v^2*9*v^4/6/1584 + 97688405*v^1*v^2*v^3/7/1008 \\
& + 129790667*v^1*v^2*v^4/8/11088 - 1080124559*v^1*v^2*v^7*v^3/8/11088 - 7732579*v^1*v^2*v^7*v^4/8/1008 \\
& + 923114171*v^1*v^2*v^6*v^9/11088 - 1098881951*v^1*v^2*v^6*v^9/1008 - 92581585*v^1*v^2*v^5*v^3/10/1584 \\
& + 38566933*v^1*v^2*2*v^5*v^4/10/3696 + 185766401*v^1*v^2*v^4*v^3/11/5544 - 10681963*v^1*v^2*v^4*v^4/11/693 \\
& - 159704899*v^1*v^2*v^3*v^3/12/11088 - 9757223*v^1*v^2*v^3*v^4/12/792 - 121478431*v^1*v^3*v^9*v^4/5/5544 \\
& + 91620949*v^1*v^3*v^8*v^4/6/231 + 4570939*v^1*v^3*v^7*v^4/7/66 + 79820879*v^1*v^3*v^6*v^4/8/924 \\
& - 267955505*v^1*13*v^2*v^4*v^4/9/2772 + 307131287*v^1*v^3*v^4*v^4/10/3696 - 103447037*v^1*v^3*v^2*v^3*v^4/11/1584 \\
& + 102471877*v^1*13*v^3*2*v^4/12/2772 - 482729*v^1*13*v^3*v^2*v^4/13/21 + 51763211*v^1*v^2*v^2*14*v^3/11088 \\
& + 1057487*v^1*v^2*v^4/14/2772 - 18279539*v^1*v^2*v^3*v^2/1848 - 17837573*v^1*v^2*v^3*v^4/2/5544 \\
& + 29169845*v^1*v^2*v^3/13/386 + 759650*v^1*v^2*v^2*v^4/3/231 - 25794932*v^1*v^2*v^11*v^3/4/693 \\
& - 298915*v^1*v^2*11*v^4/4/42 + 658772351*v^1*v^2*v^10*v^3/5/1088 - 9244415*v^1*v^2*v^8*v^4/5/1088 \\
& + 6105127*v^1*v^2*13*v^3*2/11088 - 16402217*v^1*v^2*13*v^4/3/5544 - 673171*v^1*v^2*12*v^3*4/1232 \\
& - 25518935*v^1*v^2*3*v^9*v^4/5/1386 - 8595239*v^1*v^2*8*v^3*6/616 - 998479*v^1*v^2*v^3*v^4/6/616 \\
& + 29200169*v^1*v^3*2*v^7/3/792 - 51001903*v^1*v^3*v^2*v^7/4/2772 - 98657785*v^1*v^3*v^2*v^8/8/1848 \\
& - 1937533*v^1*v^3*2*v^6*v^4/584 + 150523111*v^1*v^2*5*v^3/9/2772 - 1423621*v^1*v^2*5*v^4/9/504 \\
& - 177485573*v^1*13*v^2*v^4*v^4/10/11088 + 60564373*v^1*v^2*v^4/10/3696 + 143704543*v^1*v^3*2*v^3*v^4/11/5544 \\
& - 51361397*v^1*v^2*3*v^4/11/3696 - 67785787*v^1*v^3*2*v^3/12/5544 + 14888911*v^1*v^2*v^2*v^4/12/1836 \\
& + 9733393*v^1*v^2*v^3/13/2772 - 3866447*v^1*v^3*2*v^4/13/792 - 31747031*v^1*v^3*v^14/11088 \\
& + 2774677*v^1*v^3*12*v^4/2/1232 - 3126575*v^1*v^3*11*v^4/3/693 + 22031461*v^1*v^3*v^10*v^4/4/3696 \\
& - 259851985*v^1*v^2*2*v^4/2*v^4/11/11088 - 144873739*v^1*v^2*4*v^3/12/11088 + 2999275*v^1*v^2*v^4/12/1584 \\
& + 1093541*v^1*v^2*3*v^4/14/2772 + 5309377*v^1*v^2*3*v^4/14/924 - 198307*v^1*v^4*3*v^4/3/176 \\
& + 1383661*v^1*v^4*3*v^9*v^4/4/84 - 19206109*v^1*v^4*3*v^8*v^4/5/1008 + 47088995*v^1*v^4*v^7*v^4/6/1008 \\
& - 5988053*v^1*v^3*6*v^4/7/1008 + 88149401*v^1*v^4*3*v^5*v^4/8/1008 - 3595187*v^1*v^4*3*v^4*v^9/4/92 \\
& + 22999247*v^1*v^4*3*v^4/10/264 - 207892061*v^1*v^4*3*v^2*v^4/11/3696 - 57408133*v^1*v^4*v^4/12/1232 \\
& - 51346231*v^1*v^3*2*v^3/5544 + 26299494*v^1*v^3*2*v^3/11088 + 151318109*v^1*v^3*2*v^2*12*v^3*2/11088 \\
& + 2758715*v^1*v^3*2*v^2*12*v^4/2/1232 - 23085361*v^1*v^3*2*v^11*v^3/1232 + 10889377*v^1*v^2*v^11*v^4/3/1584 \\
& + 196226293*v^1*v^4*v^2*12*v^3/11088 - 11714401*v^1*v^4*v^2*12*v^4/1386 - 70844369*v^1*v^4*v^2*11*v^3/2/2772 \\
& - 3044911*v^1*v^4*v^2*11*v^4/2/396 + 47282621*v^1*v^4*v^2*10*v^3/3/1386 - 5661391*v^1*v^4*v^2*10*v^4/3/792 \\
& - 7294309*v^1*v^4*v^2*9*v^4/166 - 607395*v^1*v^4*v^2*9*v^4/4/56 + 197036137*v^1*v^4*v^2*8*v^3/5/3696 \\
& - 28568699*v^1*14*v^3*6*v^4/7/1008 - 715371783*v^1*14*v^2*7*v^3/6/11088 - 86669515*v^1*14*v^2*7*v^4/6/3696 \\
& + 806509097*v^1*4*v^2*6*v^3/7/11088 + 983186111*v^1*4*v^2*6*v^4/7/11088 - 24992711*v^1*4*v^2*5*v^3/8/336 \\
& - 2397197*v^1*4*v^2*5*v^4/8/1008 + 16180039*v^1*4*v^2*4*v^3/252 - 319985*v^1*4*v^2*v^4/4/9/36 \\
& - 527352467*v^1*4*v^2*3*v^3/10/11088 - 2755513*v^1*5*v^2*6*v^3/126 + 5592595*v^1*5*v^2*6*v^4/6/264 \\
& + 1504857*v^1*5*v^2*5*v^3/7/28 + 172020269*v^1*5*v^2*5*v^4/7/5544 - 92727809*v^1*5*v^2*4*v^3/8/1584 \\
& + 10227589*v^1*5*v^2*4*v^4/8/1008 + 350637305*v^1*5*v^2*3*v^3/9/5544 + 5311945*v^1*5*v^2*3*v^4/9/336 \\
& - 114402439*v^1*5*v^2*2*v^3/10/2772 + 16855717*v^1*5*v^2*2*v^4/8/5544 + 43833179*v^1*5*v^2*3*v^4/7/11386 \\
& + 2742305*v^1*5*v^2*v^4/11/252 - 3265621*v^1*5*v^2*11*v^4/3/252 - 1175289*v^1*5*v^3*10*v^4/2/112 \\
& - 5280741*v^1*5*v^2*3*v^4/8/1616 - 20953015*v^1*5*v^3*8*v^4/4/1008 - 85668403*v^1*5*v^3*7*v^4/5/2772 \\
& + 265353039*v^1*5*v^3*6*v^4/6/792 - 20893033*v^1*5*v^3*5*v^4/7/2772 - 843726383*v^1*5*v^3*4*v^4/8/11088 \\
& - 1134461543*v^1*5*v^3*8*v^4/3/11088 - 36276673*v^1*5*v^3*2*v^4/10/504 - 437376493*v^1*5*v^3*v^4/11/5544 \\
& - 6544859*v^1*6*v^2*3*v^4/8/144 + 34209882*v^1*6*v^2*2*v^3/9/693 - 18691163*v^1*6*v^2*v^2*4*v^9/504 \\
& - 11055813*v^1*6*v^2*v^2*10/1888 - 19656691*v^1*7*v^3*8*v^4/2/11088 - 53592983*v^1*7*v^3*v^4/3/2772 \\
& - 58240781*v^1*7*v^3*6*v^4/4/11088 - 1151591737*v^1*7*v^3*5*v^4/5/1008 + 48095427*v^1*6*v^3*7*v^4/4/3696 \\
& - 4403549*v^1*6*v^3*6*v^4/5/616 + 100684321*v^1*6*v^3*5*v^4/6/1848 - 26093909*v^1*6*v^3*4*v^4/7/528 \\
& + 370043137*v^1*6*v^3*3*v^4/8/3696 - 417592975*v^1*6*v^3*2*v^4/9/5544 - 306135881*v^1*6*v^3*v^4/10/2772 \\
& - 34211719*v^1*5*v^2*11*v^3/1386 + 241227829*v^1*5*v^2*11*v^4/11088 - 376708877*v^1*5*v^2*10*v^3/2/11088 \\
& - 1981771*v^1*5*v^2*10*v^4/2/144 - 25170041*v^1*5*v^2*9*v^3/3/1008 + 266564447*v^1*5*v^2*9*v^4/3/11088 \\
& + 75118495*v^1*5*v^2*8*v^3/4/3696 + 7801859*v^1*5*v^2*8*v^4/4/1008 + 31283519*v^1*5*v^2*7*v^5/5544 \\
& - 12011821*v^1*7*v^3*9*v^4/11088 - 19656691*v^1*7*v^3*8*v^4/2/11088 - 53592983*v^1*7*v^3*v^4/3/2772 \\
& - 58240781*v^1*7*v^3*6*v^4/4/11088 - 1151591737*v^1*7*v^3*5*v^4/5/1008 + 48095427*v^1*6*v^3*7*v^4/4/3696 \\
& - 943504589*v^1*7*v^3*3*v^4/7/11088 + 371862307*v^1*7*v^3*2*v^4/8/5544 - 710030483*v^1*7*v^3*v^4/9/5544 \\
& - 13766423*v^1*6*v^2*10*v^4/2/504 - 147384283*v^1*6*v^2*10*v^4/4/3696 - 50039179*v^1*6*v^2*9*v^3/2/1008 \\
& - 348581833*v^1*6*v^2*9*v^4/2/11088 + 128908733*v^1*6*v^2*8*v^3/5/528 - 40963636*v^1*6*v^2*4*v^4/3/1232 \\
& - 526202207*v^1*6*v^2*7*v^3/4/11088 - 42120437*v^1*6*v^2*7*v^4/4/1008 + 1921204*v^1*6*v^2*6*v^3/5/63 \\
& - 113554367*v^1*6*v^2*6*v^4/5/5544 - 17683927*v^1*6*v^2*5*v^3/6/264 - 95427667*v^1*6*v^2*5*v^4/6/1484 \\
& - 572513947*v^1*6*v^2*4*v^4/7/11088 - 58246157*v^1*6*v^2*3*v^4/8/504 - 54208051*v^1*6*v^2*v^4/8/504 \\
& + 13786315*v^1*8*v^2*2*v^4/7/231 - 58246157*v^1*8*v^2*v^3/8/504 - 54208051*v^1*8*v^2*v^4/8/504 \\
& + 9761093*v^1*8*v^3*8*v^4/1008 + 14447033*v^1*8*v^3*7*v^4/2/1008 + 5451757*v^1*8*v^3*6*v^4/3/504
\end{aligned}$$

$$\begin{aligned}
& + 20696665*v^8*v^3*5*v^4/1008 - 6840377*v1^8*v^3*4*v^4/1008 + 6320781*v1^8*v^3*3*v^4/6/112 \\
& - 2860643*v1^8*v^3*2*v^4/7/56 + 6768805*v1^8*v^3*v^4/8/56 - 159149*v1^7*v^2*v^9/3/9 + 96795167*v1^7*v^2*v^9*v^4/1584 \\
& + 60564419*v1^7*v^2*8*v^3*2/1008 + 567857251*v1^7*v^2*8*v^4*2/11088 + 78878101*v1^7*v^2*v^7*v^3/3/11088 \\
& + 72619929*v1^7*v^2*7*v^4/3/1232 + 44677037*v1^7*v^2*6*v^3/4/1584 + 49339013*v1^7*v^2*6*v^4/4/1008 \\
& + 7407359*v1^7*v^2*5*v^5/168 + 91399915*v1^7*v^2*5*v^4/5/1386 - 113696837*v1^7*v^2*4*v^3/6/11088 \\
& + 21338641*v1^7*v^2*4*v^4/6/528 + 232785359*v1^7*v^2*3*v^3/7/272 + 807925861*v1^7*v^2*3*v^4/7/11088 \\
& - 2958376*v1^7*v^2*2*v^3/8/77 + 3434257*v1^7*v^2*2*v^4/8/72 + 503866675*v1^7*v^2*v^3/9/5544 \\
& + 37195135*v1^7*v^2*v^4/9/504 + 13076009*v1^9*v^2*4*v^3/4/252 + 40971155*v1^9*v^2*4*v^4/4/504 \\
& + 467914729*v1^9*v^2*3*v^3/5/5544 + 1171963225*v1^9*v^2*3*v^4/5/11088 + 8943433*v1^9*v^2*2*v^3/6/462 \\
& + 43447837*v1^9*v^2*2*v^4/6/616 + 1141492631*v1^9*v^2*v^7/928 + 49064401*v1^9*v^2*v^4/7/396 \\
& - 530309*v1^9*v^3*7*v^4/112 - 1689439*v1^9*v^3*6*v^4/2/1008 - 545282*v1^9*v^3*5*v^4/3/63 + 3080671*v1^9*v^3*4*v^4/4/504 \\
& - 28477349*v1^9*v^3*4*v^5/1008 + 6376847*v1^9*v^3*2*v^4/6/168 - 458600333*v1^9*v^3*4*v^4/7/504 \\
& - 3779305*v1^8*v^2*v^3/2772 - 855931775*v1^8*v^2*v^4/11088 - 2774446949*v1^8*v^2*v^3/2/3696 \\
& - 837619483*v1^8*v^2*7*v^4/2/11088 - 270173027*v1^8*v^2*6*v^3/3/11088 - 261224225*v1^8*v^2*6*v^4/3/3696 \\
& - 7226479*v1^8*v^2*5*v^4/112 - 84617485*v1^8*v^2*5*v^4/1008 - 187325465*v1^8*v^2*4*v^3/5/11088 \\
& - 690956437*v1^8*v^2*4*v^4/5/11088 - 23695489*v1^8*v^2*3*v^3/6/264 - 352272149*v1^8*v^2*3*v^4/6/3696 \\
& + 24059491*v1^8*v^2*2*v^4/6/188 - 9711665*v1^11*v^3*v^4/5/5544 - 2528488089*v1^10*v^2*6*v^3/5/544 \\
& - 874467875*v1^10*v^2*v^4/11088 - 868911553*v1^10*v^2*v^5*v^3/2/11088 - 962760899*v1^10*v^2*5*v^4/2/11088 \\
& - 1122947*v1^10*v^2*4*v^3/193 - 16867487*v1^10*v^2*v^4/3/193 - 876533555*v1^10*v^2*3*v^3/4/11088 \\
& - 43157437*v1^10*v^2*3*v^4/462 - 6196147*v1^10*v^2*v^2*v^3/5/154 - 396127573*v1^10*v^2*v^4/5/5544 \\
& - 62295647*v1^10*v^2*v^3/6/5544 - 11571865*v1^10*v^2*v^4/6/99 - 6202439*v1^10*v^2*3*v^4/4/1584 \\
& - 30284735*v1^10*v^3*5*v^4/2/3696 - 1241047*v1^10*v^3*v^4/3/144 + 697505*v1^10*v^3*3*v^4/4/252 \\
& - 53736811*v1^10*v^3*2*v^4/5/1848 + 47139385*v1^10*v^3*v^4/6/924 + 69846137*v1^9*v^2*7*v^2/272 \\
& + 312876617*v1^9*v^2*7*v^4/3696 + 873283909*v1^9*v^2*6*v^3/2/11088 + 45641921*v1^9*v^2*6*v^4/2/528 \\
& + 6230868729*v1^9*v^2*5*v^3/11088 + 973762345*v1^9*v^2*5*v^4/3/11088 - 130554535*v1^12*v^2*4*v^3/3696 \\
& - 241314461*v1^12*v^2*v^4/5/5544 - 56805929*v1^12*v^2*3*v^3/2/1232 - 341613088*v1^12*v^2*3*v^4/2/693 \\
& - 45636385*v1^12*v^2*v^3/2/1232 - 53787299*v1^12*v^2*v^4/3/1232 - 69033911*v1^12*v^2*v^3/4/1232 \\
& - 59622107*v1^12*v^2*v^4/4/1008 - 4021803*v1^12*v^3*4*v^4/308 - 9577287*v1^12*v^3*v^4/2/616 \\
& - 52116835*v1^12*v^3*2*v^4/3/2727 - 16967945*v1^12*v^3*v^4/4/11088 + 61607405*v1^11*v^2*5*v^3/1386 \\
& + 709953793*v1^11*v^2*v^4/11088 + 34379597*v1^11*v^2*4*v^3/2/5544 + 966069317*v1^11*v^2*4*v^4/2/1386 \\
& + 226242215*v1^11*v^2*v^3*v^3/3/3696 + 398443459*v1^11*v^2*v^4/3/5544 + 514398343*v1^11*v^2*v^3*v^4/11088 \\
& + 685957907*v1^11*v^2*v^4/11088 + 477756001*v1^11*v^2*v^3/5/5544 + 504609781*v1^11*v^2*v^4/5/5544 \\
& + 38806099*v1^11*v^3*5*v^4/3696 + 4442137*v1^11*v^3*v^4/2/264 + 15854647*v1^11*v^3*v^4/3/1584 \\
& + 38770889*v1^11*v^3*v^4/1584 + 7388377*v1^15*v^3*v^4/2/272 - 13492723*v1^14*v^2*v^3/1232 \\
& - 43258629*v1^11*v^4/2/4/3696 - 76714577*v1^14*v^2*v^3/2/5544 - 158105041*v1^14*v^2*v^4/2/11088 \\
& - 8179971*v1^14*v^3*2*v^4/1232 - 8999733*v1^14*v^3*v^4/2/1584 + 3521773*v1^13*v^2*v^3/154 \\
& + 1428785*v1^13*v^2*v^4/56 - 268158761*v1^13*v^2*v^3*v^2/11088 + 96543077*v1^13*v^2*v^4/2/3696 \\
& + 336248897*v1^13*v^2*v^3/3/11088 + 39122157*v1^13*v^2*v^4/3/1232 + 14413513*v1^13*v^3*v^4/1386 \\
& + 16403869*v1^13*v^2*v^4/2/1232 + 1738643*v1^13*v^2*v^4/3/252 + 26095573*v1^15*v^2*v^3/5544 \\
& + 6882037*v1^15*v^2*v^4/1388 - 420797*v3/17/1388 - 354317*v4/17/272 + 16521755*v1^7*v^2*v^3*v^2*v^4/17/168 \\
& + 103970981*v1^7*v^2*v^4/8/1008 + 17430134*v1^6*v^2*v^9*v^3/v/693 - 27205253*v1^6*v^2*v^8*v^3*v^2/4/504 \\
& + 39439489*v1^6*v^2*v^8*v^3*v^4/2/1848 + 86042741*v1^6*v^2*v^7*v^3*v^3/4/11088 - 165272291*v1^6*v^2*v^7*v^3*v^2/4/3696 \\
& + 75702275*v1^6*v^2*v^7*v^3*v^4/3/11088 - 103494349*v1^6*v^2*v^6*v^3*v^4/4/462 + 328905791*v1^6*v^2*v^6*v^3*v^4/2/11088 \\
& - 75450931*v1^6*v^2*v^6*v^3*v^4/3/3696 + 10789003*v1^6*v^2*v^6*v^3*v^4/3/308 - 83429713*v1^6*v^2*v^5*v^3*v^4/3696 \\
& - 37660481*v1^6*v^2*v^5*v^3*v^4/2/462 - 132215849*v1^6*v^2*v^5*v^3*v^4/3/11088 - 532467931*v1^6*v^2*v^5*v^3*v^4/5544 \\
& - 32080855*v1^6*v^2*v^5*v^3*v^4/5/11088 + 90277507*v1^6*v^2*v^4*v^3/5/5544 + 13741925*v1^6*v^2*v^4*v^3*v^4/2/231 \\
& + 7435551*v1^6*v^2*v^4/3/1232 + 106378659*v1^6*v^2*v^4/3/1232 - 298894*v1^6*v^2*v^4/3/577 \\
& + 474793769*v1^6*v^2*v^4/5/5544 - 28834555*v1^6*v^2*v^3*v^3/4/5544 - 165272291*v1^6*v^2*v^3*v^3/6*v^2/84 \\
& - 13694123*v1^6*v^2*v^3*v^3/5*v^4/2/1232 - 28716739*v1^6*v^2*v^3*v^4/4/252 - 34156793*v1^6*v^2*v^3*v^3*v^4/5/63 \\
& - 1401473*v1^6*v^2*v^3*v^2*v^4/6/18 - 88117415*v1^6*v^2*v^3*v^4/7/1008 + 12843611*v1^6*v^2*v^2*v^3*v^4/504 \\
& + 12856211*v1^6*v^2*v^3*v^4/2/252 + 24454545*v1^6*v^2*v^2*v^3*v^6/4/128 + 9918667*v1^6*v^2*v^2*v^3*v^4/144 \\
& + 1457359*v1^6*v^2*v^2*v^3*v^4/5/144 - 10377835*v1^6*v^2*v^2*v^3*v^4/6/126 + 23745977*v1^6*v^2*v^3*v^4/2/1008 \\
& + 17397403*v1^6*v^2*v^3*v^4/2/126 - 270817685*v1^6*v^2*v^3*v^4/3/252 + 367017685*v1^6*v^2*v^3*v^4/2/5544 \\
& - 75207335*v1^6*v^2*v^3*v^4/3/1584 - 450663247*v1^6*v^2*v^3*v^4/6/5544 - 501816515*v1^6*v^2*v^3*v^4/5/11088 \\
& - 39459697*v1^6*v^2*v^3*v^4/5/5544 - 680960447*v1^6*v^2*v^3*v^4/7/11088 - 36821997*v1^6*v^2*v^3*v^2*v^4/8/616 \\
& - 330323551*v1^6*v^2*v^3*v^4/9/3696 - 101170529*v1^5*v^2*v^10*v^3*v^4/5544 + 92630245*v1^5*v^2*v^9*v^3*v^4/1848 \\
& - 31646515*v1^5*v^2*v^9*v^3*v^4/2/22 - 144310153*v1^5*v^2*v^8*v^3*v^4/3/3696 + 32554835*v1^5*v^2*v^8*v^3*v^2*v^4/2/3696 \\
& + 65377343*v1^5*v^2*v^7*v^3*v^2/4/1232 - 20716667*v1^5*v^2*v^4/4/924 - 8897039*v1^5*v^2*v^2*v^3*v^4/2/1232 \\
& - 117021959*v1^8*v^2*v^4/2/2/272 + 152900609*v1^8*v^2*v^4/3/4/11088 - 81026359*v1^8*v^2*v^3*v^5*v^4/1386 \\
& - 1145077463*v1^8*v^2*v^3*v^4/4*v^2/11088 - 638604875*v1^8*v^2*v^3*v^3*v^4/3/11088 - 72780343*v1^8*v^2*v^3*v^2*v^4/6/693 \\
& - 613086515*v1^8*v^2*v^3*v^4/6/594 + 43212511*v1^8*v^2*v^3*v^6*v^4/5544 + 34396617*v1^8*v^2*v^3*v^4/2/231 \\
& + 7186333*v1^8*v^2*v^2*v^3*v^4/3/396 + 31074125*v1^8*v^2*v^2*v^3*v^4/4/1386 - 96650485*v1^8*v^2*v^3*v^2*v^4/5/616 \\
& + 32476051*v1^8*v^2*v^3*v^4/3/596 - 5989277*v1^8*v^2*v^3*v^4/7/42 - 59889631*v1^8*v^2*v^3*v^4/2/504 \\
& - 13788785*v1^8*v^2*v^3*v^4/3/144 - 39497825*v1^8*v^2*v^3*v^4/4/336 - 10053557*v1^8*v^2*v^3*v^4/5/1008 \\
& - 64394383*v1^8*v^2*v^3*v^4/6/594 - 36024881*v1^8*v^2*v^3*v^4/7/338 - 21138143*v1^7*v^2*v^3*v^4/6/693 \\
& + 17658341*v1^7*v^2*v^3*v^4/2/252 - 55188477*v1^7*v^2*v^3*v^4/2/272 - 8841864*v1^7*v^2*v^3*v^4/3/693 \\
& + 228527441*v1^7*v^2*v^3*v^2*v^4/5544 - 333911843*v1^7*v^2*v^6*v^3*v^4/3/11088 + 228293533*v1^7*v^2*v^5*v^4/4/3696 \\
& + 66307999*v1^7*v^2*v^5*v^3*v^4/2/1848 + 29656103*v1^7*v^2*v^5*v^3*v^4/3/3696 + 18284375*v1^7*v^2*v^5*v^4/4/616 \\
& - 30389899*v1^7*v^2*v^4/3/1232 + 10238693*v1^7*v^2*v^4/3/1232 - 39197672*v1^7*v^2*v^4/3/693 \\
& + 363977701*v1^7*v^2*v^4/3/11088 - 237352653*v1^7*v^2*v^3*v^4/5/2773 + 39302015*v1^7*v^2*v^3*v^4/6/5544 \\
& + 146232535*v1^7*v^2*v^3*v^4/2/198 + 189109825*v1^7*v^2*v^3*v^4/3/1848 + 30126655*v1^7*v^2*v^3*v^4/4/462 \\
& + 341507983*v1^7*v^2*v^3*v^4/2/198 + 24359545*v1^7*v^2*v^3*v^4/5/3696 - 4146217*v1^7*v^2*v^3*v^4/168 \\
& - 145598831*v1^7*v^2*v^3*v^4/2/504 - 81280517*v1^7*v^2*v^2*v^3*v^4/168 - 6889709*v1^7*v^2*v^2*v^3*v^4/1008 \\
& + 21242293*v1^7*v^2*v^3*v^4/5/336 + 23155611*v1^7*v^2*v^3*v^4/2/1008 - 20790787*v1^7*v^2*v^2*v^3*v^4/7/168 \\
& + 547791*v1^7*v^2*v^3*v^4/8/4/2/22 + 2250637*v1^7*v^2*v^3*v^4/2/24 + 83789987*v1^7*v^2*v^3*v^4/3/1008 \\
& + 15068065*v1^7*v^2*v^3*v^4/4/168 + 7516429*v1^7*v^2*v^3*v^4/5/84 + 87517711*v1^7*v^2*v^3*v^4/6/1008 \\
& - 302629787*v1^7*v^2*v^3*v^4/2/1088 - 246679093*v1^7*v^2*v^3*v^4/5/5544 - 201385253*v1^7*v^2*v^3*v^4/2/3696 \\
& - 167025847*v1^7*v^2*v^3*v^4/3/1369 + 39353987*v1^7*v^2*v^4/3/1584 + 41765591*v1^7*v^2*v^3*v^4/2/462 \\
& + 7691923*v1^11*v^2*v^2*v^3*v^4/2/168 + 1739235*v1^11*v^2*v^2*v^3*v^4/3/5544 + 29981713*v1^11*v^2*v^2*v^3*v^4/2/616 \\
& + 18038051*v1^11*v^2*v^2*v^3*v^4/3/792 + 740707295*v1^11*v^2*v^3*v^4/4/11088 + 442206869*v1^11*v^2*v^3*v^4/2/5544 \\
& + 152847259*v1^11*v^2*v^3*v^4/3/1848 + 43595909*v1^11*v^2*v^3*v^4/2/1088 + 32620615*v1^10*v^2*v^5*v^3*v^4/1848 \\
& - 612155413*v1^10*v^2*v^3*v^4/2/11088 - 394349201*v1^10*v^2*v^4*v^3*v^4/2/11088 - 48674089*v1^10*v^2*v^3*v^4/9/1240 \\
& - 22092355*v1^10*v^2*v^3*v^4/2/2/22 + 66774951*v1^10*v^2*v^3*v^4/3/144 - 301253243*v1^10*v^2*v^2*v^3*v^4/11088 \\
& - 202120783*v1^10*v^2*v^2*v^3*v^4/2/5544 - 506440267*v1^10*v^2*v^2*v^3*v^4/3/11088 \\
& - 56712749*v1^10*v^2*v^2*v^3*v^4/4/1088 - 32832649*v1^10*v^2*v^3*v^4/5/398 - 1200298201*v1^10*v^2*v^3*v^4/2/11088 \\
& - 1057340605*v1^10*v^2*v^3*v^4/3/11088 - 12473549*v1^10*v^2*v^3*v^4/5/1232 - 989957725*v1^10*v^2*v^3*v^4/5/11088 \\
& - 4726433*v1^9*v^2*v^6*v^3*v^4/132 + 5891651*v1^9*v^2*v^5*v^3*v^4/8/4 + 180788149*v1^9*v^2*v^5*v^4/2/5544 \\
& + 240648797*v1^9*v^2*v^5*v^3*v^4/11088 - 373467199*v1^9*v^2*v^4*v^3*v^4/2/11088 + 40452439*v1^9*v^2*v^4*v^3*v^4/5544 \\
& + 753805301*v1^9*v^2*v^3*v^4/4/11088 + 424243553*v1^9*v^2*v^3*v^4/3/2/5544 + 109738429*v1^9*v^2*v^3*v^2*v^4/3/1232 \\
& + 305052351*v1^9*v^2*v^3*v^4/3/11088 + 4047353*v1^9*v^2*v^3*v^4/6/693 + 280954579*v1^9*v^2*v^2*v^3*v^4/2/11088 \\
& + 43432349*v1^9*v^2*v^2*v^3*v^4/3/11088 + 8438297*v1^9*v^2*v^2*v^3*v^4/4/198 - 520215851*v1^9*v^2*v^2*v^3*v^4/5/1386 \\
& + 502754627*v1^9*v^2*v^3*v^4/5/5544 + 661382357*v1^9*v^2*v^3*v^4/2/5544 + 67819059*v1^9*v^2*v^3*v^4/3/616 \\
& + 612566645*v1^9*v^2*v^3*v^4/2/5544 + 360105451*v1^9*v^2*v^3*v^4/2/5/2772 + 1150138207*v1^9*v^2*v^3*v^4/6/11088 \\
& + 17249773*v1^8*v^2*v^3*v^4/9/242 - 15977033*v1^8*v^2*v^3*v^2*v^4/252 - 23636195*v1^8*v^2*v^3*v^4/2/5544 \\
& - 24989015*v1^8*v^2*v^5*v^3*v^4/4/924 - 76621739*v1^8*v^2*v^5*v^3*v^4/2/924 - 138485975*v1^8*v^2*v^5*v^3*v^4/3/11088, \\
LOMI_23_4 & = 3862227379*v1^17*v^2*v^3/4/48048 + 65442451*v1^17*v^2*v^4/4/80080 \\
& + 23726275*v1^17*v^2*v^3*v^4/4/48048 + 24998165999*v1^2*v^2*v^4*v^3*v^4/7/80080 - 16700553999*v1^2*v^2*v^4*v^6*v^4/7/80080 \\
& + 26489466173*v1^2*v^2*v^4*v^3*v^4/8/80080 - 3015354581*v1^2*v^2*v^4*v^3*v^4/9/16016 \\
& + 836119387*v1^2*v^2*v^4*v^3*v^4/10/730 - 187196887*v1^2*v^2*v^4*v^3*v^4/2/11365 \\
& + 1373566859*v1^2*v^2*v^4*v^3*v^4/12/5720 - 1299036601*v1^2*v^2*v^3*v^4/3/48040 \\
& - 537999213*v1^2*v^2*v^3*v^4/12*v^4/20240 - 46447529*v1^2*v^2*v^3*v^4/11*v^4/6006 \\
& - 876889153*v1^2*v^2*v^3*v^10*v^4/4/12020 - 1570369239*v1^2*v^2*v^3*v^9*v^4/5/80080 \\
& - 2278977187*v1^2*v^2*v^3*v^4/4/1008 - 1139561219*v1^2*v^2*v^3*v^7*v^4/7/15015 \\
& + 8421259867*v1^2*v^2*v^3*v^4/6*v^4/8/12020 - 89060538193*v1^2*v^2*v^3*v^4/5*v^4/9/48048 \\
& + 570235515*v1^2*v^2*v^3*v^4/4*v^10/40084 - 2351037959*v1^2*v^2*v^3*v^4/3*v^4/11/10920 \\
& + 10171085359*v1^2*v^2*v^3*v^4/3*v^4/12/80080 - 34578226411*v1^2*v^2*v^3*v^4/3/12/240240 \\
& + 35133197*v1^2*v^2*v^2*v^3*v^4/14*v^4/20020 + 346875989*v1^2*v^2*v^3*v^4/2/48048 \\
& - 687792953*v1^2*v^2*v^2*v^3*v^4/12*v^4/3/80080 + 7507665643*v1^2*v^2*v^2*v^3*v^4/10/60060 \\
& - 13563347729*v1^2*v^2*v^3*v^4/11/60060 + 46219365713*v1^2*v^2*v^2*v^3*v^4/12/240240 \\
& - 2638611247*v1^2*v^2*v^3*v^4/13/24024 + 20686586941*v1^2*v^2*v^2*v^3*v^4/14/240240 \\
& - 995785953*v1^2*v^2*v^3*v^4/14/80080 + 160365497*v1^2*v^2*v^3*v^4/14/2/16016 - 122091303*v1^2*v^2*v^3*v^4/3/880 \\
& - 233382749*v1^2*v^2*v^3*v^4/14/3/80080 + 160365497*v1^2*v^2*v^3*v^4/14/2/16016 - 122091303*v1^2*v^2*v^3*v^4/3/880 \\
& + 50752087*v1^2*v^2*v^3*v^4/9*v^4/7/715 - 2385119831*v1^2*v^2*v^3*v^4/8*v^4/9/40400 + 4280313807*v1^2*v^2*v^3*v^4/7*v^4/9/120120 \\
& + 126184868*v1^2*v^2*v^3*v^4/10/3003 - 1487746009*v1^2*v^2*v^3*v^4/11/16016
\end{aligned}$$

+ 11652772379*v1^2*v2*v3^4*v4^12/120120 - 104576179*v1^2*v2*v3^3*v4^13/1232
 + 11050366139*v1^2*v2*v3^2*v4^14/240240 - 372015767*v1^2*v2*v3*v4^15/12012 + 2373695*v1*v2^16*v3*v4/2288
 - 1462756523*v1^2*v2^15*v3^2*v4/240240 - 92519267*v1^2*v2^15*v3*v4^2/60060 - 559463123*v1*v2^14*v3^3*v4/20020
 - 2895734461*v1*v2^14*v3^2*v4^2/240240 - 1629621223*v1*v2^14*v3*v4^3/120120 + 6814921541*v1*v2^13*v3^4*v4/80080
 + 38944581*v1^2*v2^10*v3^6*v4/40040 + 381719947*v1^2*v2^10*v3^5*v4^2/2145
 + 213792823*v1^2*v2^10*v3^4*v4^3/2288 + 7414792669*v1^2*v2^10*v3^3*v4^4/34320
 + 4191079843*v1^2*v2^10*v3^2*v4^5/48048 + 1666704887*v1^2*v2^10*v3*v4^6/7280
 - 234377129*v1^2*v2^9*v3^7*v4/80080 - 6587387221*v1^2*v2^9*v3^6*v4^2/34320
 - 4629661307*v1^2*v2^9*v3^5*v4^3/34320 - 1724686133*v1^2*v2^9*v3^4*v4^4/6864
 - 3192786931*v1^2*v2^9*v3^3*v4^5/16016 - 583447196*v1^2*v2^9*v3^2*v4^6/4620 - 84469571*v1^2*v2^9*v3*v4^7/280
 + 4893267833*v1^2*v2^8*v3^8*v4/120120 + 2462889373*v1^2*v2^8*v3^7*v4^2/11440
 + 3309166031*v1^2*v2^8*v3^6*v4^3/34320 - 6513133111*v1^2*v2^8*v3^5*v4^2/17160
 + 7373270153*v1^2*v2^8*v3^4*v4^5/60060 + 1676719097*v1^2*v2^8*v3^3*v4^6/6160 + 13321933*v1^2*v2^8*v3^2*v4^7/140
 + 690252331*v1^2*v2^8*v3^4*v4^5/60060 + 2679596767*v1^2*v2^7*v3^9*v4/48048 - 2260237217*v1^2*v2^7*v3^8*v4^2/11440
 - 5034240019*v1^2*v2^7*v3^7*v4^3/60060 - 91470148961*v1^2*v2^7*v3^6*v4^4/240240
 - 1462455483*v1^2*v2^7*v3^5*v4^5/8580 - 604124743*v1^2*v2^7*v3^4*v4^6/3696 - 21797585*v1^2*v2^7*v3^3*v4^7/77
 - 168963681*v1^2*v2^7*v3^2*v4^8/3080 + 1857891107*v1^2*v2^7*v3^6*v4^5/1144 + 75450307*v1^2*v2^6*v3^5*v4^6/264
 + 2018578363*v1^2*v2^6*v3^4*v4^7/48 + 270726787*v1^2*v2^6*v3^3*v4^8/840 - 14575021*v1^2*v2^6*v3^2*v4^9/420
 + 97650266887*v1^2*v2^6*v3^4*v4^7/10 + 704028607*v1^2*v2^6*v3^4*v4^8/34320
 + 1051939*v1^2*v2^6*v3^4*v4^7/48 + 270726787*v1^2*v2^6*v3^4*v4^8/840 - 14575021*v1^2*v2^6*v3^2*v4^9/420
 - 1214311393*v1^2*v2^5*v3^10*v4^2/1560 + 328372793*v1^2*v2^5*v3^9*v4^3/34320
 - 694195259*v1^2*v2^5*v3^7*v4^4/2145 + 17571111*v1^2*v2^5*v3^7*v4^5/195 - 1027650883*v1^2*v2^5*v3^6*v4^6/5720
 - 579275539*v1^2*v2^5*v3^5*v4^7/520 - 565676883*v1^2*v2^5*v3^4*v4^8/20020
 - 62224292881*v1^2*v2^5*v3^3*v4^9/240240 + 17121291073*v1^2*v2^5*v3^2*v4^10/240240
 - 2568621991*v1^2*v2^5*v3*v4^11/80080 + 1305994601*v1^2*v2^4*v3^12*v4/34320
 + 1987037847*v1^2*v2^4*v3^11*v4^2/240240 - 685255309*v1^2*v2^4*v3^10*v4^3/16016
 + 4270564581*v1^2*v2^4*v3^9*v4^4/16016 + 3512579507*v1^2*v2^4*v3^8*v4^5/240240
 + 17094503333*v1^3*v2^4*v3^2*v4^10/120120 - 88335298549*v1^3*v2^4*v3^4*v4^11/240240
 + 1761432957*v1^3*v2^3*v3^12*x^2/240240 - 4296643279*v1^3*x^2*3*v3^11*x^4/2120120
 + 9864028413*v1^3*x^2*v3^3*x^10*x^4/38008 - 5372188*v1^3*x^2*x^3*x^9*v4^4/3003 + 767989217*v1^3*x^2*v3^8*v4^5/4368
 - 5059651013*v1^3*x^2*v3*x^3*x^7*v4^6/120120 + 2759593127*v1^3*x^2*x^3*x^6*v4^7/240240
 + 1955240923*v1^3*x^2*v3^5*v4^8/16016 - 372486979*x1^3*x^2*x^3*x^4*v4^9/8008
 + 2025075477*v1^3*x^2*v3*x^3*v4^10/7280 - 38197428349*v1^3*x^2*v3*x^2*v4^11/240240
 + 5801228198*v1^3*x^2*v3*x^4*v4^12/2288 - 2912315647*v1^3*x^2*v3*x^4/80080
 - 8510143571*v1^3*x^2*v3*x^11*v4^2/40040 + 2900454023*v1^3*x^2*v3*x^11*v4^3/120120
 - 1731319771*v1^3*x^2*v3*x^10*v4^4/40040 - 10340860727*v1^3*x^2*x^3*x^9*v4^5/240240
 + 2110040497*v1^3*x^2*v3*x^8*v4^6/60060 - 10231504433*v1^3*x^2*v3*x^7*v4^7/60060
 + 9483794993*v1^3*x^2*v3^6*v4^8/48048 - 16873123777*v1^3*x^2*x^3*x^5*v4^9/48048
 + 459988149*v1^3*x^2*v3^4*v4^10/16016 - 1287280571*v1^3*x^2*v3*x^4*v11/4368
 + 42385343269*v1^3*x^2*v3^4*v4^12/240240 - 1615110311*v1^3*x^2*v3*x^4*v13/9240
 + 6999573479*v1^3*x^2*v3^14*v4/240240 - 252574121*v1^3*x^2*v3^13*v4/2/17160 + 4075919*v1^3*x^2*v3^12*v4^3/104
 - 246918947*v1^3*x^2*v3^11*v4^2/240240 + 6344714581*v1^3*x^2*v3*x^10*v4^5/240240
 + 148445699*x1^3*x^2*v3^9*x^4/6/5720 - 564067369*x1^3*x^2*x^3*x^8*v4^7/17160 + 98755697*v1^3*x^2*v3^7*v4^8/1001
 - 10669679821*v1^3*x^2*v3*x^6*v4^9/120120 + 2403502275*x1^3*x^2*v3^5*v4^10/16016
 - 2096399813*v1^3*x^2*v3^4*v4^11/15015 + 3382326775*x1^3*x^2*v3^4*v4^12/240240
 - 3475759753*v1^3*x^2*v3^4*x^13/48048 + 1121088147*x1^3*x^2*v3*x^4/14/16016 - 126485693*v1^2*v2^15*v3*v4/15015
 + 238281113*v1^2*v2^3*x^3*v4^12/2288 + 19842705*v1^2*v2^14*x^3*v4/2/616 - 633819217*v1^2*v2^13*x^3*v4/48048
 - 263965613*v1^2*v2^13*x^3*v2^4*v4^2/6006 - 1722489367*v1^2*v2^13*x^3*v4^3/34320
 + 194445891*v1^2*v2^12*x^3*v4/v4/240240 + 10262468701*v1^2*v2^12*x^3*v4^2/2120120
 + 12950800433*v1^2*v2^12*x^2*v3^2*x^4/v4/240240 + 260902867*v1^2*v2^12*x^3*v4^4/2860
 - 308645631*v1^2*v2^11*x^3*v4^5/40040 - 2994614023*x1^2*x^2*v11*x^3*x^4*v4^2/240240
 - 11846728511*v1^2*x^11*x^3*x^4^3/120120 - 11170929401*v1^2*x^11*x^3*x^4^4/120120
 - 3160711069*v1^2*x^11*x^3*x^4^5/21840 + 161206019249*x1^2*x^11*x^3*x^2*v4^3/240240
 + 3344066337*x1^2*x^11*x^3*x^4^5/80080 - 10262640149*x1^3*x^2*x^3*x^5*v4/40040
 - 623118325*x1^2*x^10*x^3*x^4*v4^2/16016 - 12431737807*x1^3*x^2*x^10*x^3*x^4/38008
 - 7053229529*x1^2*x^11*x^3*x^2*x^4/v4/480800 - 3149642911*x1^3*x^2*x^10*x^3*x^4^2/240240
 + 54174438641*x1^3*x^2*x^9*x^3*x^4/240240 + 2227916803*x1^3*x^2*x^9*x^3*x^5*v4^2/34320 + 10514183*x1^3*x^2*x^9*x^3*x^4*v4^3/33
 + 1137323871*v1^3*x^2*x^9*x^3*x^4/120120 + 3262682593*x1^3*x^2*x^9*x^3*x^2*v4^5/16016
 + 51116561179*x1^3*x^2*x^9*x^4/6/240240 - 2533739877*x1^3*x^2*x^9*x^3*v4^7/11440
 - 4885008503*x1^3*x^2*x^8*x^3*x^4^2/34320 - 2682089515*x1^3*x^2*x^8*x^3*x^5*x^4/6864
 - 12991053*x1^3*x^2*x^8*x^3*x^4*x^4/8008 - 19822640149*x1^3*x^2*x^8*x^3*x^5*x^4/3696
 - 2918719547*v1^3*x^2*x^8*x^3*x^4^6/18480 - 6498697147*v1^3*x^2*x^8*x^3*x^4^7/18480
 + 5234579461*x1^3*x^2*x^7*x^3*x^4^8/240240 - 931467991*x1^3*x^2*x^7*x^3*x^4^2/240240
 + 19444345641*x1^3*x^2*x^7*x^3*x^6*x^4/v3/40040 + 858319079*x1^3*x^2*x^7*x^3*x^5*x^4/5720
 + 197316973*x1^3*x^2*x^7*x^3*x^4^6/566 + 16578017*x1^3*x^2*x^7*x^3*x^4^6/616 + 47449613*x1^3*x^2*x^7*x^3*x^4^8/308
 + 8047282277*x1^3*x^2*x^7*x^3*x^4/18480 - 41772627607*x1^3*x^2*x^6*x^3*x^4/v2/240240
 - 539134649*x1^3*x^2*x^6*x^3*v4^2/3120 - 174938622979*x1^3*x^2*x^6*x^3*x^7*v4^3/40040
 - 2357490191*x1^3*x^2*x^6*x^4^2/17160 - 165165499*x1^3*x^2*x^6*x^5*v4^5/528 - 4393750*x1^3*x^2*x^6*x^4^6/33
 - 32088013*x1^3*x^2*x^6*x^3*x^4^7/78 - 352705879*x1^3*x^2*x^6*x^3*x^4/v2/9240 - 280295459*x1^3*x^2*x^6*x^3*x^4/560
 + 17277454027*x1^3*x^2*x^7*x^3*x^4^8/10*x^4/120120 + 1510180521*x1^3*x^2*x^5*x^3*x^4^2/11440
 + 2416596623*x1^3*x^2*x^5*x^3*x^4^8/6864 + 1465594373*x1^3*x^2*x^5*x^3*x^4^7/17160
 + 674440093*x1^3*x^2*x^5*x^4^8/566 + 26729797*x1^3*x^2*x^5*x^4^6/176 + 15713561*x1^3*x^2*x^5*x^4^8/110
 + 1114788583*x1^3*x^2*x^5*x^3*x^4^8/3696 + 48618321*x1^3*x^2*x^5*x^2*x^4*x^9/6160 + 4120227143*x1^3*x^2*x^5*x^4/v10/9240
 - 90761071*x1^3*x^2*x^4*x^11*x^4/9240 - 2078731*x1^3*x^2*x^4*x^13*x^4/2288 - 58411901*x1^3*x^2*x^4*x^13*x^4/264
 - 75403609*x1^3*x^2*x^4*x^3*x^4/6008 - 324856495*x1^3*x^2*x^4*x^3*x^7*v4^5/1144 + 114529387*x1^3*x^2*x^4*x^6/1144
 - 2105392013*x1^3*x^2*x^4*x^3*x^4^7/5720 + 6992643925*x1^3*x^2*x^4*x^3*x^4/v8/48048
 - 10238767633*x1^3*x^2*x^4*x^3*x^4^9/240240 - 275347829*x1^3*x^2*x^4*x^3*x^4^8/1540 - 697132007*x1^4*x^2*x^5*x^3*x^4/1680
 + 1607752096*x1^4*x^2*x^3*x^4^10*x^4/15015 + 5872673*x1^4*x^2*x^3*x^4^9/208 + 222257613*x1^4*x^2*x^3*x^4^8/34004
 + 51414317*x1^4*x^2*x^3*x^4^8/10*x^4/120120 + 1510180521*x1^3*x^2*x^5*x^3*x^4^9/2/11440
 - 269673*x1^4*x^2*x^3*x^4^8/6864 + 1465594373*x1^3*x^2*x^5*x^3*x^4^7/4/17160
 + 674440093*x1^3*x^2*x^5*x^4^8/2640 + 26729797*x1^3*x^2*x^5*x^4^6/2640 + 15713561*x1^3*x^2*x^5*x^4^8/110
 + 1114788583*x1^3*x^2*x^5*x^3*x^4^8/3696 + 48618321*x1^3*x^2*x^5*x^2*x^4*x^9/6160 + 4120227143*x1^3*x^2*x^5*x^4/v10/9240
 - 90761071*x1^3*x^2*x^4*x^11*x^4/9240 - 2078731*x1^3*x^2*x^4*x^13*x^4/2288 - 58411901*x1^3*x^2*x^4*x^13*x^4/264
 - 75403609*x1^3*x^2*x^4*x^3*x^4/6008 - 324856495*x1^3*x^2*x^4*x^3*x^7*v4^5/1144 + 114529387*x1^3*x^2*x^4*x^6/1144
 - 2105392013*x1^3*x^2*x^4*x^3*x^4^7/5720 + 6992643925*x1^3*x^2*x^4*x^3*x^4/v8/48048
 - 10238767633*x1^3*x^2*x^4*x^3*x^4^9/240240 - 275347829*x1^3*x^2*x^4*x^3*x^4^8/1540 - 697132007*x1^4*x^2*x^5*x^3*x^4/1680
 + 1607752096*x1^4*x^2*x^3*x^4^10*x^4/15015 + 5872673*x1^4*x^2*x^3*x^4^9/208 + 222257613*x1^4*x^2*x^3*x^4^8/34004
 + 51414317*x1^4*x^2*x^3*x^4^8/6864 + 1465594373*x1^3*x^2*x^4*x^3*x^4^7/4/17160
 - 269673*x1^4*x^2*x^3*x^4^8/176 + 1635914671*x1^4*x^2*x^3*x^4^8/3696 + 204640963*x1^4*x^2*x^4*x^3*x^2*v4/3696
 + 87627199*x1^4*x^2*x^3*x^4^8/10/216 - 12335221463*x1^4*x^2*x^3*x^4^9/120120
 - 1063353931*x1^4*x^2*x^3*x^4^10*x^4/2684 - 326319447*x1^4*x^2*x^3*x^3*x^4/8008
 - 973048569*x1^4*x^2*x^3*x^4^8/40040 + 4733853*x1^4*x^2*x^3*x^7*v4^5/143 - 109320424*x1^4*x^2*x^3*x^6*v4^7/429
 - 86941813*x1^4*x^2*x^3*x^5*x^4^7/17160 - 1287273718*x1^4*x^2*x^3*x^4*x^8/8008
 - 2005792189*x1^4*x^2*x^3*x^4^9/8008 + 1060935989*x1^4*x^2*x^3*x^2*x^4/10/10010
 - 13442439429*x1^4*x^2*x^3*x^4^11*x^4/40040 - 3165197467*x1^4*x^2*x^2*x^3*x^4/60060
 + 9582082331*x1^4*x^2*x^3*x^11*x^4/2/120120 + 58756465*x1^4*x^2*x^2*x^3*x^10*x^4/3/16016
 + 764753789*x1^4*x^2*x^3*x^4^8/48048 - 470157071*x1^4*x^2*x^3*x^8*v4^5/6006
 + 59079505673*x1^4*x^2*x^3*x^7*v4^6/240240 - 13918725481*x1^4*x^2*x^3*x^6*v4^7/80080
 + 9586353043*x1^4*x^2*x^2*x^3*x^4^8/240240 - 12428389003*x1^4*x^2*x^2*x^3*x^4/v4/48048
 + 80373045421*x1^4*x^2*x^3*x^4^10/240240 - 12075531733*x1^4*x^2*x^2*x^3*x^2*x^4/11/60060
 + 384204389*x1^4*x^2*x^3*x^4^12/172/132 - 233265827*x1^4*x^2*x^3*x^4/4368 - 18082889*x1^4*x^2*x^3*x^5*v4^8/80080
 - 189990887*x1^4*x^2*x^3*x^4^7/17160 - 142997129*x1^4*x^2*x^3*x^2*x^4/4368 - 2073730817*x1^4*x^2*x^3*x^9*v4^5/80080
 - 108191987*x1^4*x^2*x^3*x^4^6/17160 - 246709321*x1^4*x^2*x^3*x^7*v4^7/40040 - 2020987879*x1^4*x^2*x^3*x^6*v4^8/40040
 - 2097442101*x1^4*x^2*x^3*x^4^8/240240 - 2078731*x1^4*x^2*x^3*x^4^9/10/15015
 - 12713229193*x1^4*x^2*x^3*x^4^11*x^8/8008 + 111401011*x1^4*x^2*x^3*x^2*x^4/17/1820 - 2016969615*x1^4*x^2*x^3*x^4/13/16016
 + 4106331*x1^4*x^2*x^3*x^4^12*x^4/2288 + 145703841*x1^4*x^2*x^3*x^2*x^4/40048 - 3967153*x1^4*x^2*x^3*x^4/2/130
 - 1518168685*x1^4*x^2*x^3*x^4^13*x^3/3003 + 2303816*x1^4*x^2*x^2*x^3*x^2*x^4/2/1365 - 25588963*x1^4*x^2*x^3*x^4/3/6864
 + 2807504015*x1^4*x^2*x^3*x^4^11*x^11/5085 + 1826511751*x1^5*x^2*x^3*x^4/2/40020
 + 2142382717*x1^5*x^2*x^3*x^4/11/5085 + 2142382717*x1^5*x^2*x^3*x^4/2/40020
 + 12047891549*x1^5*x^2*x^3*x^4^12/240240 + 223303523*x1^5*x^2*x^3*x^10*x^4/2730
 + 583844351*x1^5*x^2*x^3*x^4/4/80080 - 23680013393*x1^5*x^2*x^3*x^8*v4^5/240240
 + 1089722761*x1^5*x^2*x^3*x^4^7/17160 + 4324051101*x1^5*x^2*x^3*x^6*v4^7/40040 + 3521553367*x1^5*x^2*x^3*x^4/8/34320
 - 68720461*x1^5*x^2*x^3*x^4^9/4298 + 3121015739*x1^5*x^2*x^3*x^3*x^4/10/17160 - 1123063*x1^5*x^2*x^3*x^4/2/11/858
 + 1598519319*x1^5*x^2*x^3*x^4/12/8008 + 131397953*x1^5*x^2*x^3*x^4/17/160 - 382132119*x1^5*x^2*x^3*x^4/6/16016
 + 572247331*x1^5*x^2*x^3*x^4/2/8588 + 344363977*x1^5*x^2*x^3*x^4/11*x^3*x^4/8/80080
 - 1108974307*x1^5*x^2*x^3*x^4^2/240240 - 792524527*x1^5*x^2*x^3*x^4/3/240240
 - 3393096303*x1^5*x^2*x^3*x^4/10*x^3*x^4/v4/40040 + 25552623023*x1^5*x^2*x^3*x^10*x^3*x^4/2/240240
 + 1182505361*x1^5*x^2*x^3*x^2*x^4/3/80080 + 5789251979*x1^5*x^2*x^3*x^4/4/120120
 + 1749172789*x1^5*x^2*x^3*x^4/2/80080 + 381719947*x1^5*x^2*x^3*x^4/2/240240
 - 98262809*x1^5*x^2*x^3*x^4/3/8008 + 515370763*x1^5*x^2*x^3*x^2*x^4/4/4368 - 6220182593*x1^5*x^2*x^3*x^4/5/80080
 - 636341549*x1^5*x^2*x^3*x^4/4/80080 + 571683867*x1^5*x^2*x^3*x^4/2/1560 - 571002373*x1^5*x^2*x^3*x^4/3/240240
 + 216895255*x1^5*x^2*x^3*x^4/3/80080 + 393697841*x1^5*x^2*x^3*x^4/2/40040
 + 16978866953*x1^5*x^2*x^3*x^4/6/80080 - 338043987*x1^5*x^2*x^3*x^4/7/5005
 - 9721668971*x1^5*x^2*x^3*x^4/2/240240 - 42003977*x1^5*x^2*x^3*x^4/2/240240
 - 47450815*x1^5*x^2*x^3*x^4/6/176 - 42003977*x1^5*x^2*x^3*x^4/2/240240
 - 419857519*x1^5*x^2*x^3*x^4/7/1540 + 96453667*x1^5*x^2*x^6*x^3*x^4/10/1040 + 108772535863*x1^5*x^2*x^6*x^3*x^4/2/240240

$$\begin{aligned}
& + 1439395993*v1^4*v2^6*v3^6*v4^3/17160 + 443562973*v1^4*v2^6*v3^5*v4^4/1320 \\
& + 153708739*v1^4*v2^6*v3^4*v4^5/1320 + 50545949*v1^4*v2^6*v3^3*v4^6/165 + 95094867*v1^4*v2^6*v3^2*v4^7/880 \\
& + 3879161107*v1^4*v2^6*v3^4*v4^8/9240 - 6654516613*v1^4*v2^5*v3^5*v4^8/48048 - 3192316723*v1^4*v2^5*v3^8*v4^2/8580 \\
& - 62632097*v1^4*v2^5*v3^7*v4^3/520 - 79215493*v1^4*v2^5*v3^6*v4^4/264 - 121582797*v1^4*v2^5*v3^5*v4^5/880 \\
& - 71402807*v1^4*v2^5*v3^4*v4^6/264 - 144200321*v1^4*v2^5*v3^3*v4^7/660 + 1145289333*v1^5*v2^8*v3*v4^4/20020 \\
& - 22402979741*v1^5*v2^8*v3^5*v4/80080 + 690181237*v1^5*v2^8*v3^4*v4^2/24024 \\
& - 11012748893*v1^5*v2^8*v3^3*v4^3/48048 - 2727907979*v1^5*v2^8*v3^2*v4^4/30030 - 840309289*v1^5*v2^8*v3^4*v4^5/4368 \\
& + 2033509241*v1^5*v2^7*v3^6*v4/60060 + 108571313*v1^5*v2^7*v3^5*v4^2/4290 + 406838963*v1^5*v2^7*v3^4*v4^3/1144 \\
& + 30892931*v1^5*v2^7*v3^3*v4^4/1430 + 4422862199*v1^5*v2^7*v3^2*v4^5/17160 + 1710620279*v1^5*v2^7*v3*v4^6/8580 \\
& - 250704699*v1^5*v2^6*v3^4*v4^6/660 - 386519963*v1^5*v2^6*v3^6*v4^2/5720 - 14611135*v1^5*v2^6*v3^5*v4^3/528 \\
& - 59441779*v1^5*v2^6*v3^4*v4^4/660 - 23737607*v1^5*v2^6*v3^3*v4^5/80 - 20034607*v1^5*v2^6*v3^2*v4^6/264 \\
& - 1857288047*v1^5*v2^8*v3^4*v4^3/48048 + 70638061511*v1^5*v2^5*v3^8*v4^2/40240 \\
& + 15308044071*v1^5*v2^5*v3^7*v4^7/4622 + 164516867*v1^5*v2^5*v3^6*v4^5/528 + 127921479*v1^5*v2^5*v3^5*v4^4/880 \\
& + 553420731*v1^5*v2^5*v3^4*v4^5/176 + 115476865*v1^5*v2^5*v3^3*v4^6/528 + 117164811*v1^5*v2^5*v3^2*v4^7/440 \\
& + 475158279*v1^5*v2^5*v3^4*v4^8/1232 - 421805457*v1^5*v2^4*v3^9*v4/21840 \\
& - 2359249979*v1^5*v2^4*v3^4*v4^2/120120 - 154467107*v1^5*v2^4*v3^7*v4^3/660 - 3028853*v1^5*v2^4*v3^6*v4^4/24 \\
& - 283049972*v1^5*v2^4*v3^5*v4^5/880 - 67517*v1^5*v2^4*v3^4*v4^6/780 - 115990849*v1^5*v2^4*v3^3*v4^7/220 \\
& + 160318143*v1^5*v2^4*v3^2*v4^2/8160 - 2078613689*v1^5*v2^4*v3^4*v4^9/4620 + 7143756157*v1^5*v2^3*v3^4*v4^8/40040 \\
& + 7374997811*v1^5*v2^3*v3^4*v4^2/48048 - 774362371*v1^5*v2^3*v3^4*v4^3/3696 \\
& + 184963439*v1^5*v2^3*v3^7*v4^4/1320 + 196927474*v1^5*v2^3*v3^6*v4^5/880 + 427728431*v1^5*v2^3*v3^5*v4^6/2640 \\
& + 123152451*v1^5*v2^3*v3^4*v4^7/44 + 1016475451*v1^5*v2^3*v3^3*v4^8/3696 - 11490571*v1^5*v2^3*v3^2*v4^9/280 \\
& + 3711077521*v1^5*v2^3*v3^4*v4^10/9240 - 937819281*v1^5*v2^2*v3^2*v4^11/1440 \\
& - 25272532717*v1^5*v2^2*v3^2*v4^10/240240 - 5402720177*v1^5*v2^2*v3^9*v4^3/48048 \\
& - 584236871*v1^5*v2^2*v3^2*v4^4/120120 - 3695400421*v1^5*v2^2*v3^2*v4^5/17160 \\
& + 1363745957*v1^5*v2^2*v3^6*v4^6/17160 - 7423738463*v1^5*v2^2*v3^5*v4^7/17160 \\
& + 9495258607*v1^5*v2^2*v3^4*v4^8/48048 - 41881716109*v1^5*v2^2*v3^3*v4^9/120120 \\
& + 2360004931*v1^5*v2^2*v3^2*v4^2/10/120120 - 116417747*v1^6*v2^6*v3^2*v4^5/3432 \\
& + 10851915149*v1^6*v2^6*v3*v4^6/40040 - 354530073*v1^6*v2^5*v3^7*v4/20020 - 357945397*v1^6*v2^5*v3^6*v4^2/1320 \\
& - 114115387*v1^6*v2^5*v3^5*v4^3/880 - 435045629*v1^6*v2^5*v3^4*v4^4/1320 - 371614489*v1^6*v2^5*v3^3*v4^5/2640 \\
& - 96046387*v1^6*v2^5*v3^2*v4^6/264 - 184556041*v1^6*v2^5*v3*v4^7/77 + 127588163*v1^6*v2^4*v3^8*v4/1456 \\
& + 948459713*v1^6*v2^4*v3^7*v4^2/3696 + 8394121*v1^6*v2^4*v3^6*v4^3/66 + 369890891*v1^6*v2^4*v3^5*v4^4/1320 \\
& + 3192711*v1^6*v2^4*v3^4*v4^5/44 + 102897207*v1^6*v2^4*v3^4*v4^6/220 + 28992917*v1^6*v2^4*v3^2*v4^7/1232 \\
& + 2364897859*v1^6*v2^4*v3^4*v4/8160 - 46967623393*v1^6*v2^3*v3^9*v4/240240 \\
& - 1614733123*v1^6*v2^3*v3^8*v4^2/6160 - 10961009*v1^6*v2^3*v3^7*v4^3/56 - 99125333*v1^6*v2^3*v3^6*v4^4/330 \\
& - 440192899*v1^6*v2^3*v3^5*v4^5/2640 - 9984203*v1^6*v2^3*v3^4*v4^6/220 - 415612831*v1^6*v2^3*v3^3*v4^7/1848 \\
& - 271447943*v1^6*v2^3*v3^2*v4^8/3080 - 245252459*v1^6*v2^3*v3^4*v4^9/6160 + 1921553713*v1^6*v2^2*v3^10*v4/21840 \\
& + 411290563*v1^6*v2^2*v3^9*v4^2/2310 + 1817250013*v1^6*v2^2*v3^8*v4^3/18480 \\
& + 3383627293*v1^6*v2^2*v3^7*v4^4/18480 + 80865577*v1^6*v2^2*v3^6*v4^5/1320 + 474275701*v1^6*v2^2*v3^5*v4^6/1320 \\
& - 914792107*v1^6*v2^2*v3^2*v4^7/18480 + 346848949*v1^6*v2^2*v3^2*v4^8/1232 - 665894809*v1^6*v2^2*v3^2*v4^9/4620 \\
& + 9938702549*v1^6*v2^2*v3^4*v10/18480 - 33727424257*v1^6*v2^3*v3^11*v4/240240 - 449159017*v1^6*v2^3*v3^10*v4/23120 \\
& - 1242361821*v1^6*v2^3*v3^9*v4^5/11440 - 2376129157*v1^6*v2^3*v3^8*v4/11440 - 5605751149*v1^6*v2^3*v3^7*v4^5/60060 \\
& - 9825220551*v1^6*v2^3*v3^6*v4^6/40040 - 94349643*v1^6*v2^3*v3^5*v4^7/910 - 341662525*v1^6*v2^3*v3^4*v4^8/3003 \\
& - 48164741929*v1^6*v2^3*v3^4*v4^9/240240 - 2499368678*v1^6*v2^3*v3^2*v4^10/20020 \\
& - 13358377397*v1^6*v2^3*v3*v4^11/48048 - 335788243*v1^5*v2^12*v3*v4/80080 + 205521219*v1^5*v2^11*v3^2*v4/1456 \\
& - 329977941*v1^5*v2^11*v3*v4^2/455 - 23796050431*v1^5*v2^10*v3^2*v4/240240 \\
& + 138404503*v1^5*v2^10*v3^2*v4^2/30030 - 937503803*v1^5*v2^10*v3^4*v4^3/30030 \\
& + 4374530273*v1^5*v2^9*v3^4*v4^4/20020 + 11074460807*v1^5*v2^9*v3^3*v4^2/60060 \\
& + 115902235149*v1^7*v2^3*v4^4/20120 + 456896377*v1^7*v2^2*v3^2*v4^4/4290 \\
& + 6834810283*v1^7*v2^5*v3^2*v4^5/17160 + 152799090*v1^7*v2^5*v3^4*v4^6/91 - 36414045*v1^7*v2^4*v3^7*v4/308 \\
& - 67428979*v1^7*v2^4*v3^6*v4^2/528 - 97066021*v1^7*v2^4*v3^5*v4^3/440 - 3694005*v1^7*v2^4*v3^4*v4^4/176 \\
& - 343520707*v1^7*v2^4*v3^4*v4^5/88 + 595597883*v1^7*v2^4*v3^4*v4^6/18480 - 1972746661*v1^7*v2^4*v3^4*v4^7/6160 \\
& + 4578045491*v1^7*v2^3*v3^4*v4^8/18480 + 88823531*v1^7*v2^3*v3^7*v4^2/308 + 25625451*v1^7*v2^3*v3^6*v4^3/88 \\
& + 33090047*v1^7*v2^3*v3^5*v4^5/1120 + 3053993*v1^7*v2^3*v3^4*v4^6/1100 + 477872999*v1^7*v2^3*v3^3*v4^6/1848 \\
& + 3268828589*v1^7*v2^3*v3^2*v4^7/18480 + 6816086297*v1^7*v2^3*v3^4*v4^8/18480 - 16884871*v1^7*v2^2*v3^9*v4/168 \\
& - 260946517*v1^7*v2^2*v3^2*v4^2/1540 - 20835641*v1^7*v2^2*v3^2*v4^4/880 \\
& - 714471631*v1^7*v2^2*v3^5*v4^5/220 - 1361977*v1^7*v2^2*v3^4*v4^6/1232 - 4360837441*v1^7*v2^2*v3^3*v4^7/18480 \\
& - 208855037*v1^7*v2^2*v3^2*v4^8/18480 - 18046376521*v1^7*v2^2*v3^4*v4^9/18480 + 12846964191*v1^7*v2^3*v3^10*v4/6160 \\
& + 11506333691*v1^7*v2^3*v3^9*v4^2/4620 + 3846438353*v1^7*v2^3*v3^8*v4^3/18480 + 60289247*v1^7*v2^3*v4^7/220 \\
& + 285266841*v1^7*v2^3*v3^6*v4^5/105 + 367194339*v1^7*v2^3*v3^5*v4^6/1540 + 114765559*v1^7*v2^3*v4^7/560 \\
& - 30248307*v1^7*v2^3*v3^4*v4^8/1122 + 173198421*v1^7*v2^3*v2^4*v9/6160 + 6477412183*v1^7*v2^3*v4^10/18480 \\
& + 3303822759*v1^6*v2^11*v3*v4/40040 - 838724213*v1^6*v2^10*v3^2*v4/4290 + 24911984869*v1^6*v2^10*v3^4*v4^2/240240 \\
& + 37733685591*v1^6*v2^9*v3^3*v4^2/240240 - 11502912279*v1^6*v2^9*v3^2*v4^2/240240 \\
& + 724976251*v1^6*v2^9*v3^4*v4^3/80080 - 8599200381*v1^6*v2^8*v3^4*v4/80080 \\
& + 15275491531*v1^6*v2^8*v3^4*v4^2/240240 - 6234520307*v1^6*v2^8*v3^2*v4^3/240240 \\
& + 13785130769*v1^6*v2^8*v3^4*v4^4/20240 + 398947439*v1^6*v2^7*v3^4*v4/20120 \\
& - 21212367721*v1^6*v2^7*v3^2*v4^2/80080 + 7621758247*v1^6*v2^7*v3^3*v4^3/120120 \\
& - 5840528591*v1^6*v2^7*v3^2*v4^4/20240 - 3872495381*v1^6*v2^7*v3^4*v5/120120 \\
& - 143878069*v1^6*v2^6*v3^6*v4/40040 + 1469859041*v1^6*v2^6*v3^5*v4^2/5720 - 86379477*v1^6*v2^5*v3^4*v4^3/1144 \\
& + 1157545469*v1^6*v2^5*v3^4*v4^4/4290 - 208392159*v1^6*v2^5*v3^4*v5/15005 + 55193283*v1^6*v2^4*v3^16*v4/8008 \\
& - 45695171*v1^6*v2^3*v3^15*v4/2336 + 715631381*v1^6*v2^3*v3^14*v4/240240 - 3916137123*v1^6*v2^3*v3^13*v4^4/80080 \\
& + 8511485171*v1^6*v2^3*v3^4*v4^5/120120 - 174121376171*v1^6*v2^3*v3^11*v4/20240 + 313828151*v1^6*v2^3*v3^10*v4^7/624 \\
& + 586941613*v1^6*v2^3*v3^9*v4^8/80080 - 19120656431*v1^6*v2^3*v3^8*v4/9/240240 + 3161760449*v1^6*v2^3*v3^7*v4^10/21840 \\
& - 5765752871*v1^6*v2^3*v3^5*v4^5/220 + 4648628591*v1^6*v2^3*v3^5*v4^6/120120 + 752656837*v1^6*v2^3*v3^4*v4^7/10060 \\
& + 1603249957*v1^6*v2^3*v3^4*v4/120240 - 7250345621*v1^6*v2^3*v3^2*v4^15/240240 + 643907419*v1^6*v2^3*v4^16/48048 \\
& - 33371396749*v1^6*v2^3*v3^4*v4^10/20020 - 6610705271*v1^6*v2^3*v3^2*v4^11/34320 + 15228385181*v1^6*v2^5*v3*v4^12/5005 \\
& - 476063731*v1^6*v2^4*v3^13*v4/5720 + 1978390199*v1^6*v2^4*v3^12*v4/20060 - 5873558963*v1^6*v2^4*v3^11*v4^3/60060 \\
& + 2240050563*v1^6*v2^4*v3^10*v4^3/34320 + 381226109*v1^6*v2^4*v3^2*v4^2/2180 + 3968632607*v1^6*v2^4*v3^8*v4^6/40040 \\
& - 18003985*v1^6*v2^4*v3^7*v4^7/88 + 1188518147*v1^6*v2^4*v3^6*v4^8/6160 - 76625779*v1^6*v2^4*v3^5*v4^9/240 \\
& + 418179451*v1^6*v2^4*v3^4*v4^10/1540 - 981715957*v1^6*v2^4*v3^3*v4^11/1080 + 10875097249*v1^6*v2^4*v3^2*v4^12/60060 \\
& - 21879318023*v1^6*v2^4*v3^4*v4^13/120120 + 457455249*v1^6*v2^3*v3^14*v4/11440 - 134586927*v1^6*v2^3*v3^13*v4^2/4004 \\
& + 4938051607*v1^6*v2^3*v3^12*v4^3/6864 - 163408099*v1^6*v2^3*v3^11*v4/240240 + 1418526626*v1^6*v2^3*v3^10*v4^5/15015 \\
& - 993317107*v1^6*v2^3*v3^9*v4^8/240240 - 1495304903*v1^6*v2^3*v3^8*v4^9/240240 \\
& + 6521447407*v1^6*v2^3*v3^7*v4^8/34320 - 19762019507*v1^6*v2^3*v3^6*v4^9/80080 \\
& - 18613116187*v1^6*v2^3*v3^5*v4^10/60060 - 2604779677*v1^6*v2^3*v3^4*v4^11/10010 \\
& + 54832997503*v1^6*v2^3*v3^4*v4^12/240240 - 15336145037*v1^6*v2^3*v3^2*v4^13/120120 \\
& - 3699988877*v1^6*v2^3*v3^4*v4^14/40040 - 28561829*v1^6*v2^2*v3^15*v4/1716 - 322859595*v1^6*v2^2*v3^14*v4/840 \\
& - 274366107*v1^6*v2^2*v3^10*v4^6/1456 - 65571232733*v1^6*v2^2*v3^9*v4^7/240240 \\
& + 41265042517*v1^6*v2^2*v3^8*v4^8/120120 - 19267126433*v1^6*v2^2*v3^7*v4^9/48048 \\
& + 6706143269*v1^6*v2^2*v3^6*v4^10/17160 - 1382087863*v1^6*v2^2*v3^5*v4^11/4004 + 666622869*v1^6*v2^2*v3^4*v4^12/3120 \\
& - 38257886779*v1^6*v2^2*v3^3*v4^13/240240 + 9415953563*v1^6*v2^2*v3^2*v4^14/2180 \\
& + 9542467049*v1^6*v2^2*v3^13*v4^2/240240 - 773209769*v1^6*v2^2*v3^4*v4^3/15015 + 1047047961*v1^6*v2^13*v3*v4^4/20020 \\
& - 4021267823*v1^6*v2^2*v3^5*v4^2/21840 - 22353498803*v1^6*v2^2*v3^2*v4^4/240240 \\
& - 8886992941*v1^6*v2^2*v3^4*v4^3/3003 + 65054669*v1^6*v2^2*v3^2*v4^4/840 - 1491963947*v1^6*v2^2*v3^11*v4^5/10920 \\
& + 274366107*v1^6*v2^2*v3^10*v4^6/1456 - 65571232733*v1^6*v2^2*v3^9*v4^7/240240 \\
& + 7547112311*v1^6*v2^2*v3^4*v4^8/120120 + 4051996517*v1^6*v2^11*v3^2*v4^5/21840 \\
& + 22452706751*v1^6*v2^2*v3^3*v4^4/120120 + 4051996517*v1^6*v2^11*v3^2*v4^5/21840 \\
& + 19931410761*v1^6*v2^11*v3^4*v4^6/80080 - 863488273*v1^6*v2^10*v3^2*v4^7/40020 - 1215098721*v1^6*v2^10*v3^6*v4^2/5720 \\
& - 30180162049*v1^6*v2^10*v3^5*v4^3/120120 - 2503417803*v1^6*v2^10*v3^4*v4^4/10010 \\
& - 36024813719*v1^6*v2^10*v3^3*v4^5/120120 - 2400875079*v1^6*v2^10*v3^2*v4^6/11440 \\
& - 7245819947*v1^6*v2^10*v3^4*v4^7/18480 + 14807462171*v1^6*v2^9*v3^8*v4^6/30030 + 3546979981*v1^6*v2^9*v3^2*v4^7/132 \\
& + 681613728273*v1^6*v2^9*v3^4*v4^8/2310 - 3085100297*v1^6*v2^9*v3^5*v4^4/11440 \\
& + 80388289453*v1^6*v2^9*v3^4*v4^5/240240 - 8107158527*v1^6*v2^9*v3^2*v4^6/240240 + 24560149*v1^6*v2^9*v3^2*v4^7/132 \\
& + 3144221763*v1^6*v2^9*v3^4*v4^8/6160 - 7066868012*v1^6*v2^8*v3^4*v4^4/16016 \\
& - 64445309639*v1^6*v2^8*v3^3*v4^7/18480 - 925862*v1^6*v2^8*v3^2*v4^8/11 - 10459082603*v1^6*v2^8*v3*v4^9/18480 \\
& + 15302595193*v1^6*v2^7*v3^4*v4^6/40040 + 25536367543*v1^6*v2^7*v3^9*v4^2/240240 \\
& + 1845250241*v1^6*v2^7*v3^4*v4^3/80080 + 261423307*v1^6*v2^7*v3^4*v4^4/20020 + 1583017006*v1^6*v2^7*v3^6*v4^5/5005 \\
& + 4881763993*v1^6*v2^7*v3^5*v4^6/20020 + 35980295*v1^6*v2^7*v3^4*v4^7/308 + 2464842073*v1^6*v2^7*v3^3*v4^8/6160 \\
& - 1456190*v1^6*v2^7*v3^2*v4^9/33 + 3296556789*v1^6*v2^7*v3^4*v4^10/6160 - 1591483615*v1^6*v2^7*v3^11*v4/6006 \\
& - 315816549*v1^6*v2^6*v3^4*v4^2/10010 - 4037342269*v1^6*v2^6*v3^4*v4^6/21840 - 483505031*v1^6*v2^6*v3^8*v4^4/18480 \\
& - 18569583481*v1^6*v2^6*v3^7*v4^5/60060 - 126122367*v1^6*v2^6*v3^6*v4^6/5720 - 3038012507*v1^6*v2^6*v3^5*v4^7/10010 \\
& + 159430451*v1^6*v2^6*v3^4*v4^8/20020 + 8525501*v3*v4^18/8008 - 4432257*v1^6*v2^15/260
\end{aligned}$$

$$\begin{aligned}
& + 104735459*v1^4*v3^15/21840 - 334804277*v1^4*v4^15/10920 + 14479009*v1^3*v2^16/2288 \\
& - 18578279*v1^3*v3^16/48048 + 566515087*v1^3*v4^16/48048 - 1124165*v1^2*v2^17/528 - 1383071*v1^2*v3^17/4004 \\
& - 58504113*v1^2*v4^17/16016 + 3816619*v1^2*v2^18/8008 + 562689*v1^3*v3^18/2008 + 1074297*v1^4*v4^18/1144 \\
& + 8525501*v2^18*v3/8008 + 8427575*v2^18*v4/1232 - 211734763*v2^17*v3^2/48048 - 132649217*v2^17*v4^2/48048 \\
& + 725112277*v2^16*v3^2/48048 + 23774033*v2^16*v4^3/3003 - 166974285*v2^15*v3^4/4004 \\
& - 202693979*v2^15*v4^4/10924 + 656467849*v2^14*v3^5/6864 + 1039896587*v2^14*v4^5/30030 \\
& - 43939936973*v2^13*v4^6/240240 - 51582241*v2^13*v4^6/1001 + 8809361447*v2^11*v4^8/1232 + 4124903273*v2^10*v3^9/9240 \\
& + 35720959*v2^10*v4^9/18480 - 3898859431*v2^9*v3^10/9240 + 353720959*v2^9*v4^10/18480 \\
& + 510869083*v2^8*v3^11/1540 - 60448517*v2^8*v4^11/1232 - 2579834833*v2^7*v3^12/120120 \\
& + 86489227*v2^7*v4^12/1454 + 27085347205*v2^6*v3^13/240240 - 51582241*v2^6*v4^13/1001 \\
& - 5588495579*v2^5*v3^14/120120 + 1039896587*v2^5*v4^14/30030 + 1140650237*v2^4*v3^15/80080 \\
& - 202693979*v2^4*v4^15/10920 - 64032601*v2^3*v3^16/240240 + 23774033*v2^3*v4^16/3003 + 26127*v2^2*v3^17/24024 \\
& - 132649217*v2^2*v4^17/48048 + 3548921*v2^18*v3^18/16016 + 8427575*v2^18*v4^18/1232 + 3548921*v3^18*v4/16016 \\
& + 261277*v3^17*v4^2/24024 - 64932601*v3^16*v4^3/24024 + 1140650237*v3^15*v4^4/80080 \\
& - 5588495579*v3^14*v4^5/120120 + 27085347209*v3^13*v4^6/240240 - 25798344833*v3^12*v4^7/120120 \\
& + 510869083*v3^11*v4^8/1540 - 3898859431*v3^10/9240 + 4124903273*v3^9*v4^10/9240 - 86897367*v3^8*v4^11/220 \\
& + 8809361447*v3^7*v4^12/30030 - 43939936973*v3^6*v4^13/240240 - 656467849*v3^5*v4^14/6864 \\
& - 166974285*v3^4*v4^15/4004 + 23774033*v3^4*v4^16/48048 - 211734763*v3^2*v4^17/48048 - 35656097*v1^18*v2/16016 \\
& - 13214605*v1^18*v3/8008 - 2568107*v1^18*v4/1456 - 2770505*v1^16*v3^2/1144 - 742238825*v1^16*v3^3/48048 \\
& - 112644289*v1^16*v4^2/3/6006 + 181324159*v1^15*v4^2/3120 + 235339539*v1^15*v3^4/7280 + 323990049*v1^15*v4^4/7280 \\
& - 247997099*v1^14*v2^5/2145 - 325634229*v1^14*v3^5/6160 - 356325197*v1^14*v4^5/40040 \\
& + 768335433*v1^13*v2^6/4004 + 1303481193*v1^13*v3^6/20020 + 299056359*v1^13*v4^6/20020 \\
& - 615428799*v1^12*v2^7/2288 - 955029715*v1^12*v3^7/16016 - 349897527*v1^12*v4^7/16016 \\
& + 281569943*v1^11*v2^8/880 + 170567909*v1^11*v3^8/6160 + 1707947939*v1^11*v4^8/6160 - 57293251*v1^10*v2^9/176 \\
& + 114092651*v1^10*v3^9/6160 - 1901164267*v1^10*v4^9/6160 + 750198091*v1^9*v2^10/2640 \\
& - 1049738351*v1^9*v3^10/18480 - 5563685191*v1^9*v4^10/18480 - 37665833*v1^8*v2^11/176 \\
& + 433911101*v1^8*v3^11/6160 - 1581345817*v1^8*v4^11/6160 + 318916531*v1^7*v2^12/2288 \\
& - 947749295*v1^7*v3^12/16016 + 3049438783*v1^7*v4^12/16016 - 396381808*v1^6*v2^13/5005 \\
& + 104684061*v1^6*v3^13/2860 - 609286897*v1^6*v4^13/5005 + 1345413611*v1^5*v2^14/34320 \\
& - 3938850701*v1^5*v3^14/240240 + 15976051291*v1^5*v4^14/240240 + 15676644957*v1^13*v2^3*v4^3/8008 \\
& + 3462800417*v1^13*v2^4*v3/4/240240 + 7252889157*v1^13*v2^4*v4/12012 + 55294023073*v1^13*v2^3*v5/240240 \\
& + 28741281697*v1^13*v2*v4^5/120120 + 11459322331*v1^13*v3^5*v4/240240 + 509078963*v1^13*v3^4*v4^2/8008 \\
& + 2390729543*v1^13*v3^3*v4/3/48048 + 78586719*v1^13*v3^2*v4^4/1001 - 211240787*v1^13*v3*v4^5/34320 \\
& - 13394604931*v1^12*v2^6*v3/80080 - 428806829*v1^12*v2^6*v4/17160 - 6227369443*v1^12*v2^5*v3^2/240240 \\
& - 66442452677*v1^12*v2^5*v4/2/240240 - 773520303*v1^12*v2^4*v3^3/369 - 12518068441*v1^12*v2^4*v4^3/48048 \\
& - 30818313*v1^16*v2^2*v3/1456 - 306838561*v1^16*v2^2*v4/48048 - 305254541*v1^16*v2*v3^2/12012 \\
& - 1246063393*v1^16*v2^4/48048 - 664400339*v1^16*v3^2*v4/48048 - 151110473*v1^16*v3*v4^2/12012 \\
& + 403537059*v1^15*v2^3*v4/240240 + 1407452389*v1^15*v2^3*v4/240240 + 1053435659*v1^15*v2^2*v3^2/20020 \\
& + 33134665571*v1^15*v2^2*v4/2/24024 + 5021739743*v1^15*v2*v3/80080 + 15545800181*v1^15*v2*v4^3/240240 \\
& + 3176151221*v1^15*v2^3*v3^4/120120 + 950340751*v1^15*v2^3*v4/2/30030 + 232833331*v1^15*v3*v4^3/10920 \\
& - 1711469971*v1^14*v2^4*v3/18480 - 144857981*v1^14*v2^4*v4/1365 - 13316007197*v1^14*v2^3*v3^2/120120 \\
& - 707832039*v1^14*v2^3*v4/3/60060 - 11451453657*v1^14*v2^3*v4/3/120120 - 4256250561*v1^14*v2^2*v4^3/40040 \\
& - 31464406739*v1^14*v2^3*v4/2/40240 - 14852858941*v1^14*v2^4*v4/10920 - 4954622111*v1^14*v3^4*v4/120120 \\
& - 3800068957*v1^14*v3^2*v4/2/80080 - 26487292*v1^14*v3^2*v4^3/5005 - 5298314599*v1^14*v3*v4^4/240240 \\
& - 1683419527*v1^13*v2^5*v3/120120 + 3540813701*v1^13*v2^5*v4/20020 + 8626308395*v1^13*v2^4*v3^2/48848 \\
& + 4639703195*v1^13*v2^4*v4/2/24024 + 8297650723*v1^13*v2^3*v3^3/48048 - 128120345*v1^16*v2*v3*v4/6006 \\
& + 275138779*v1^14*v2^3*v3*v4/2/240240 - 1305237145*v1^14*v2^3*v2^4/16016 + 3272532529*v1^15*v2*v3*v4^2/240240 \\
& - 172593138779*v1^14*v2^2*v3^2*v4/715 - 135600183191*v1^13*v2^5*v4/20020 + 172593138779*v1^12*v2^3*v3^2/120120 \\
& - 3003912199*v1^14*v2^2*v3*v4/2/40040 - 1729334973*v1^14*v2^3*v3^2/16016 - 769670017*v1^14*v2*v3^2*v4^2/6006 \\
& - 1185021127*v1^14*v2*v3*v4/3/10920 + 7185983577*v1^13*v2^4*v3*v4/80080 + 813255589*v1^13*v2^3*v4/5460 \\
& + 1080751415*v1^13*v2^3*v3*v4/2/8008 + 660068399*v1^13*v2^2*v3^3*v4/6160 \\
& + 7042023361*v1^13*v2^2*v3^2*v4/2/48048 + 530970277*v1^13*v2^2*v3^2*v4/3/6006 \\
& + 14674480253*v1^13*v2^3*v4^4/80080 + 6433302793*v1^13*v2^3*v3^2*v4/48048 - 151110473*v1^16*v3*v4^2/12012 \\
& + 53383166789*v1^15*v2^3*v4/2/240240 + 1374029907*v1^13*v2^3*v4/2/240240 + 1053435659*v1^15*v2^2*v3^2/20020 \\
& - 73619008*v1^12*v2^4*v3^2*v4/387 - 11751751639*v1^12*v2^4*v3*v4/2/80080 - 559848209*v1^12*v2^3*v3^2*v4/3080 \\
& - 5078095171*v1^12*v2^2*v3^2*v4/2/20020 - 259565429*v1^12*v2^3*v3^2/16016 \\
& - 4606356337*v1^12*v2^2*v3^2*v4/4/34320 - 2397388163*v1^12*v2^2*v3^2*v4/2/15015 \\
& - 793230533*v1^12*v2^2*v3^2*v4/3/4620 - 418363927*v1^12*v2^2*v3^2*v4/4/6160 - 2880516911*v1^12*v2*v3^5*v4/10920 \\
& - 2788473369*v1^12*v2^2*v3^2*v4/2/8580 - 6814407097*v1^12*v2^2*v3^2*v4/3/2888 - 3006967451*v1^12*v2*v3^2*v4/4/8580 \\
& - 10912898789*v1^11*v2^3*v3*v4^5/40040 + 4366368653*v1^11*v2^6*v3*v4/120120 + 155850535*v1^11*v2^5*v3^2*v4/624 \\
& + 530180879*v1^11*v2^3*v3*v4^2/364 - 3331849697*v1^11*v2^4*v3^2/21840 \\
& + 63232695529*v1^11*v2^4*v3^2*v4/2/240240 + 6240528572*v1^11*v2^4*v3^4*v3/240240 \\
& + 1405874311*v1^11*v2^3*v3^2*v4/2/240240 + 22563851059*v1^11*v2^3*v3^3*v4^2/80080 \\
& + 1168647353*v1^11*v2^3*v3^2*v4^3/4004 + 46705473289*v1^11*v2^3*v3^2*v4^4/240240 \\
& + 6813457499*v1^11*v2^2*v3^2*v4^3/4/80080 + 4515513251*v1^11*v2^2*v3^2*v4^4/2/30030 \\
& + 27003289051*v1^11*v2^2*v3^2*v4/3/240240 + 22736257651*v1^11*v2^2*v3^2*v4^4/120120 \\
& - 96897305*v1^11*v2^2*v3^2*v4^5/3432 + 79237896797*v1^11*v2^3*v4/240240 + 3082626973*v1^11*v2*v3^5*v4^2/7280 \\
& + 829196211*v1^11*v2^3*v3^2*v4/21840 + 7836464927*v1^11*v2^3*v4/2/20020 \\
& + 2812214927*v1^11*v2^3*v4^2/50060 + 561316321*v1^11*v2^3*v4^3/16016 + 174514221*v1^10*v2^7*v3*v4/5720 \\
& - 21012625331*v1^10*v2^5*v3^2*v4/2/20080 - 5870829959*v1^10*v2^6*v3*v4/2/20080 \\
& - 42472646269*v1^10*v2^5*v3^2*v4/2/240240 - 34753585829*v1^10*v2^5*v3^2*v4^2/240240 \\
& - 9931630491*v1^10*v2^3*v3^2*v4/3/1001 - 35493819*v1^10*v2^4*v3^4*v4/2640 - 2501619451*v1^10*v2^4*v3^3*v4^2/16016 \\
& - 222869474*v1^10*v2^3*v3^2*v4/3/1001 - 15100402297*v1^10*v2^4*v3^4*v4/240240 \\
& - 3420451784*v1^10*v2^3*v3^2*v4/4/15015 - 21743535641*v1^10*v2^3*v3^4*v4/2/6006 \\
& - 19708200933*v1^10*v2^3*v3^2*v4/3/80080 - 84273586363*v1^10*v2^3*v3^2*v4/4/240240 \\
& - 62060909*v1^10*v2^3*v3^2*v4^5/312 - 1214348087*v1^10*v2^3*v4/3/60030 \\
& - 12804397811*v1^10*v2^3*v3^2*v4^2/240240 - 3800417531*v1^10*v2^3*v4^3/4/1840 \\
& - 1327955039*v1^10*v2^3*v3^2*v4/4/20080 - 1866376151*v1^10*v2^2*v3^2*v4^5/120120 \\
& - 926166738*v1^10*v2^3*v3^2*v4^6/5008 - 6497958157*v1^10*v2^3*v4^7/18480 - 4399528123*v1^10*v2*v3^6*v4^2/9240 \\
& - 187782029929*v1^10*v2^3*v3^2*v4^5/4620 - 16452093*v1^10*v2^3*v4^6/18480 - 3904137793*v1^10*v2*v3^3*v4^5/9240 \\
& + 5053232399*v1^9*v2^7*v3^2*v4/17160 + 5055048461*v1^9*v2^7*v3^2*v4/2/240240 + 2125202803*v1^9*v2^6*v3^3*v4/240240 \\
& + 4884744971*v1^9*v2^6*v3^2*v4/2/240240 - 3344412323*v1^9*v2^6*v3^3*v4/3/16016 \\
& + 1969208377*v1^9*v2^5*v3^4*v4/9240 + 26305379777*v1^9*v2^5*v3^3*v4/2/120120 \\
& + 36439441037*v1^9*v2^5*v3^2*v4/3/120120 + 14145659993*v1^9*v2^5*v3*v4^4/120120 \\
& + 11906716717*v1^9*v2^4*v3^2*v4^3/1001 - 708549573*v1^9*v2^4*v3^4*v4/2/48048 \\
& - 1593995177*v1^9*v2^3*v3^2*v4^3/24024 - 962620921*v1^9*v2^2*v3^2*v4/4/4368 - 273116543*v1^9*v2^4*v3^4*v5/3432 \\
& + 13052904817*v1^9*v2^3*v3^2*v4/4/48048 + 73009050091*v1^9*v2^3*v3^5*v4^2/240240 \\
& + 372634842*v1^9*v2^3*v3^2*v4^3/1001 + 627708331*v1^9*v2^3*v3^3*v4^4/240240 \\
& + 38818490933*v1^9*v2^3*v3^2*v4^3/1001 + 627708331*v1^9*v2^3*v3^3*v4^4/240240 \\
& - 152352419*v1^9*v2^2*v3^2*v4/4/4620 - 394667379*v1^9*v2^2*v3^6*v4/2/2310 - 604901931*v1^9*v2^2*v3^5*v4^3/6160 \\
& + 88509125*v1^9*v2^2*v3^4*v4/3696 - 39965789*v1^9*v2^2*v3^3*v4/5/2904 + 281338033*v1^9*v2^2*v3^2*v4^6/2310 \\
& - 2324987061*v1^9*v2^2*v3^2*v4^7/6160 + 4059509333*v1^9*v2^2*v3^8*v4/1232 + 343657309*v1^9*v2^3*v4^2/770 \\
& + 2466641339*v1^9*v2^3*v3^6*v4^3/6160 + 7811586833*v1^9*v2^3*v3^5*v4^4/18480 + 925300727*v1^9*v2^3*v4^5/2310 \\
& + 1521284879*v1^9*v2^3*v3^2*v4^6/3696 + 982688331*v1^9*v2^3*v3^2*v4/18480 + 7694283883*v1^9*v2^3*v4^8/18480 \\
& + 1148736443*v1^9*v2^3*v3^4*v4/8580 - 67663847621*v1^9*v2^3*v3^2*v4/240240 + 13297845179*v1^9*v2^3*v4^2/240240 \\
& - 1016746831*v1^9*v2^2*v3^2*v4^4/15015 - 5109324257*v1^9*v2^2*v3^2*v4^2/30030 + 655742713*v1^9*v2^2*v3^2*v4^3/48048 \\
& - 1006952407*v1^9*v2^2*v3^2*v4^3/9240 - 3477208297*v1^9*v2^2*v3^2*v4^3/2/20080 - 33220193*v1^9*v2^2*v3^2*v4/3/273 \\
& + 2358631251*v1^9*v2^2*v3^2*v4^4/48048 - 2358631251*v1^9*v2^2*v3^2*v4^5/48048 \\
& - 26210076177*v1^8*v2^5*v3^2*v4/2/80080 - 2887483693*v1^8*v2^5*v3^3*v4/3/48048 \\
& - 10037733273*v1^8*v2^5*v3^2*v4^2/240240 - 207394379*v1^8*v2^4*v3^2*v4^5/3120 + 11984762*v1^8*v2^4*v3^6*v4/3003 \\
& + 4191302369*v1^8*v2^4*v3^5*v4/2/40040 - 1795716565*v1^8*v2^4*v3^4*v4/3/48048 \\
& + 220854743*v1^8*v2^4*v3^3*v4/4/1092 - 5004107729*v1^8*v2^4*v3^2*v4^4/5/48048 \\
& + 2210442679*v1^8*v2^4*v3^2*v4^4/6/12012 - 222778381*v1^8*v2^4*v3^2*v4^7/48048 - 1069169271*v1^8*v2^4*v3^6*v4^2/3080 \\
& - 288831849*v1^8*v2^3*v3^5*v4/3/1232 - 1744115143*v1^8*v2^3*v3^4*v4^4/3696 - 301774315*v1^8*v2^3*v3^3*v4^5/1232 \\
& - 31525829*v1^8*v2^3*v3^2*v4^6/112 - 1076077061*v1^8*v2^3*v3*v4/7/3696 + 143911343*v1^8*v2^2*v3^8*v4/1848 \\
& + 397775789*v1^8*v2^2*v3^2*v4/2/3080 + 903455561*v1^8*v2^2*v3^6*v4/3/9240 + 591011853*v1^8*v2^2*v3^5*v4^4/3080 \\
& + 25985803*v1^8*v2^2*v3^2*v4^5/6160 + 1188658781*v1^8*v2^2*v3^2*v4^6/9240 \\
& - 1652440333*v1^8*v2^2*v3^2*v4^7/18480 + 9685759057*v1^8*v2^2*v3^2*v4^8/18480 - 5116241161*v1^8*v2^2*v3^6*v4^4/18480 \\
& - 113103451*v1^8*v2^2*v3^8*v4/2/308 - 5473839043*v1^8*v2^2*v3^7*v4/3/18480 - 1263397463*v1^8*v2^2*v3^6*v4^4/3080 \\
& - 1123479739*v1^8*v2^2*v3^5*v4/5/3696 - 6339875063*v1^8*v2^2*v3^4*v4/6/18480 - 2057781801*v1^8*v2^2*v3^4*v4/7/6160 \\
& - 8124208163*v1^8*v2^2*v3^2*v4^8/18480 - 7345608253*v1^8*v2^2*v3^4*v4/9/18480 - 256143399*v1^8*v2^2*v3^4*v4/20020 \\
& + 10716200997*v1^7*v2^9*v3^2*v4/4/40040 - 2572244009*v1^7*v2^9*v3^2*v4/2/34320 \\
& - 3597079909*v1^7*v2^8*v3^2*v4/4/120120 + 1532006237*v1^7*v2^8*v3^2*v4^2/240240 \\
& - 2534667913*v1^7*v2^7*v3^2*v4/3/240240 + 21933025*v1^7*v2^7*v3^2*v4/4/112 + 1687996901*v1^7*v2^7*v3^2*v4/2/21840 \\
& + 37665754033*v1^7*v2^7*v3^2*v4/4/1456 \\
& - 16830687751*v1^7*v2^6*v3^5*v4/120120 + 8912261411*v1^7*v2^6*v3^4*v4/2/80080
\end{aligned}$$

- 5227734403*v1^7*v2^6*v3^3*v4^3/24024 + 2274283261*v1^7*v2^6*v3^2*v4^4/16016
 - 9297418943*v1^7*v2^6*v3*v4^5/40040 + 5035047907*v1^7*v2^5*v3^6*v4/20020 + 342144433*v1^7*v2^5*v3^5*v4^2/2860
 + 1968082327*v1^7*x^2*5*x^3*x^4*x^4/3/5720 - 247828890*v1^12*x^2*x^3*x^3/4/1001 - 13917899041*v1^12*x^2*x^3*x^4/4/48048
 - 13569261779*v1^12*x^2*x^3/5/8008 - 18785633673*v1^12*x^2*x^4/5/80080 - 82689415639*v1^12*x^2*x^3/6/240240
 - 42699885587*v1^12*x^2*x^4*x^6/120120 - 3104304927*v1^12*x^3*x^6*x^4/80080 - 4665729709*v1^12*x^3*x^5*x^4/2/80080
 - 1248296851*v1^12*x^3*x^4*x^4/3/24024 - 46781283*x1*v1^12*x^3*x^4*x^4/1456 - 1016639383*x1*v1^12*x^3*x^2*x^4/5/10010
 + 4983181499*v1^12*x^3*x^4*x^6/60060 + 1547721421*v1^11*x^2*x^7*x^3/19010 + 73565971033*x1*v1^11*x^2*x^7*x^4/240240
 + 385*x1^19 - 2667381*x^2*19/16016 - 423707*v1^19/8008 - 2667381*x^4*19/16016 - 5714346353*x^2*13*x^3*x^5*x^4/80080
 - 105410195*x^2*13*x^3*x^4*x^4/2/8008 - 1351286675*x^2*13*x^3*x^4*x^3/12012 - 436705427*x^2*13*x^3*x^2*x^4/4/4368
 - 41569387*x^2*13*x^3*x^4*x^5/2860 + 3476268479*x^2*12*x^3*x^6*x^4/40040 - 1091887311*x^2*12*x^3*x^5*x^4/2/5005
 + 1872892655*v2*x^2*x^3*x^4*x^4/3/12012 + 86665555221*x^2*12*x^3*x^4*x^4/48048 + 8261770733*x^2*12*x^3*x^4*x^5/60060
 + 1649460695*x^2*x^3*x^4*x^6/6864 - 3942608453*x^2*x^11*x^3*x^4*x^4/48048 - 73704105367*x^2*x^11*x^3*x^6*x^4/2/240240
 - 213725105*x^2*x^11*x^3*x^4*x^3/1092 - 3814526273*x^2*x^11*x^3*x^4*x^4/18480 - 3624621289*x^2*x^11*x^3*x^4*x^5/15015
 - 736274377*x^2*x^11*x^2*x^4*x^6/48084 - 8194808505*x^2*x^11*x^3*x^4*x^7/24024 + 6458105447*x^2*x^10*x^3*x^8*x^4/120120
 + 911784275*x^2*x^10*x^3*x^4*x^2/24024 - 43214640101*x^2*x^10*x^3*x^6*x^4/3/240240 + 4689130247*x^2*x^10*x^3*x^5*x^4/18480
 + 785097697*x^2*x^10*x^3*x^4*x^5/40040 - 7254653131*x^2*x^10*x^3*x^4*x^6/240240 + 28496408341*x^2*x^10*x^3*x^2*x^4/7/240240
 - 3894544151*x^2*x^10*x^3*x^4*x^9/9240 - 1284050841*x^2*x^9*x^3*x^4*x^8/80080 - 6461059239*x^2*x^9*x^3*x^4*x^2/16016
 - 1036964293*x^2*x^9*x^3*x^4*x^8/8008 - 1073372929*x^2*x^9*x^3*x^6*x^4/4620 - 2175827331*x^2*x^9*x^3*x^5*x^4/5/10010
 - 8461863559*x^2*x^9*x^3*x^4*x^4/48048 - 697643423*x^2*x^9*x^3*x^4*x^7/2184 - 170846465*x^2*x^9*x^3*x^2*x^4/8/3696
 - 521916674*x^2*x^9*x^3*x^4*x^9/1155 - 2120211229*x^2*x^8*x^3*x^4*x^10/15015 - 8959090835*x^2*x^8*x^3*x^9*x^4/2/24024
 + 160635677*x^2*x^8*x^3*x^4*x^4/48048 + 3006668503*x^2*x^8*x^3*x^4*x^7/123 - 6431828803*x^2*x^8*x^3*x^6*x^4/5/80080
 + 22035128807*x^2*x^8*x^3*x^5*x^4/6/80080 + 790893063*x^2*x^8*x^3*x^4*x^7/16016 + 56021449*x^2*x^8*x^3*x^4*x^8/168
 - 170846465*x^2*x^8*x^3*x^2*x^4/9/3696 + 3894544151*x^2*x^8*x^4*x^10/9240 - 152432409*x^2*x^7*x^3*x^11*x^4/6160
 - 2369125647*x^2*x^7*x^3*x^4*x^2/24080 - 259928065*x^2*x^7*x^3*x^4*x^3/6006 - 4955818421*x^2*x^7*x^3*x^8*x^4/24024
 - 782818697*x^2*x^7*x^4*x^5/17160 - 4727525713*x^2*x^7*x^3*x^6*x^4/6/40040 - 2049529961*x^2*x^7*x^3*x^5*x^4/7/10010
 + 790893063*x^2*x^7*x^4*x^8/16016 - 697643423*x^2*x^7*x^3*x^4*x^9/2184 + 28496408341*x^2*x^7*x^3*x^2*x^4*x^10/240240
 - 819480050*x^2*x^7*x^4*x^11/24024 - 78647293*x^2*x^6*x^4*x^12*x^4/40040 + 15979792*x^2*x^6*x^3*x^11*x^4/2/80
 - 3267417169*x^2*x^6*x^3*x^4*x^9/16006 - 299618193*x^2*x^6*x^3*x^9*x^4/4430 - 271739887*x^2*x^6*x^3*x^8*x^4/5/2640
 + 242682404*x^2*x^6*x^3*x^7*x^4/6/1000 - 4727527513*x^2*x^6*x^4*x^7/40040 + 22035128807*x^2*x^6*x^3*x^5*x^4/8/80080
 - 8461863559*x^2*x^6*x^3*x^4*x^9/48048 - 27546531131*x^2*x^6*x^3*x^4*x^10/240240 - 7362674377*x^2*x^6*x^3*x^2*x^4*x^11/48048
 + 1649460695*x^2*x^6*x^3*x^4*x^12/6864 + 89896803*x^2*x^5*x^3*x^13*x^4/11440 - 4306554827*x^2*x^5*x^3*x^12*x^4/2/40040
 + 7622655507*x^2*x^5*x^3*x^11*x^4*x^9/2940 - 34750752539*x^2*x^5*x^3*x^10*x^4/42040 + 1996506349*x^2*x^5*x^3*x^9*x^4/5/24024
 - 271739887*x^2*x^5*x^3*x^8*x^4/6/2640 - 782818697*x^2*x^5*x^3*x^7*x^4/7/17160 + 6431828803*x^2*x^5*x^3*x^6*x^4/8/80080
 - 2175827331*x^2*x^5*x^3*x^4*x^9/10010 - 785097697*x^2*x^5*x^3*x^4*x^10/4004 - 3624621289*x^2*x^5*x^3*x^4*x^11/15015
 + 8261770733*x^2*x^5*x^4*x^12/60060 - 415690387*x^2*x^5*x^3*x^4*x^13/2860 - 14123111*x^2*x^4*x^3*x^4*x^4/240240
 + 204550121*x^2*x^4*x^3*x^4*x^2/4368 - 968353063*x^2*x^4*x^3*x^12*x^4/16016 + 276548467*x^2*x^4*x^3*x^11*x^4/2310
 - 3475072539*x^2*x^4*x^3*x^4*x^5/240240 - 299618193*x^2*x^6*x^3*x^9*x^4/4430 - 4955818421*x^2*x^4*x^3*x^8*x^4/7/24024
 + 300668503*x^2*x^4*x^3*x^7*x^4*x^8/1232 - 1073372929*x^2*x^4*x^6*x^4/9/4620 + 4689130247*x^2*x^4*x^3*x^5*x^4/10/18480
 - 381422673*x^2*x^4*x^3*x^4*x^4*x^11/18480 - 8666555221*x^2*x^4*x^3*x^4*x^12/48048 - 436705427*x^2*x^4*x^3*x^2*x^4/13/4368
 + 4532528929*x^2*x^4*x^3*x^4*x^14/60006 - 63240257*x^2*x^3*x^15*x^4/21840 - 209057973*x^2*x^3*x^14*x^4/2/16016
 + 62835039*x^2*x^3*x^13*x^4*x^3/24024 - 96835363*x^2*x^3*x^12*x^4/4/16016 + 762265507*x^2*x^3*x^11*x^4/5/9240
 - 3267417169*x^2*x^3*x^10*x^4/6/34320 + 25998065*x^2*x^3*x^9*x^4*x^7/6006 + 1606352677*x^2*x^3*x^8*x^4/8/48048
 - 1036964293*x^2*x^3*x^7*x^4*x^9/8008 + 43214640101*x^2*x^3*x^6*x^4*x^10/240240 - 213725105*x^2*x^3*x^5*x^4*x^11/1092
 + 187289265*x^2*x^3*x^4*x^4*x^12/12012 - 135126675*x^2*x^3*x^4*x^13/12012 + 279219403*x^2*x^3*x^2*x^4*x^14/48048
 - 397941259*x^2*x^3*x^4*x^15/120120 - 34543767*x^2*x^3*x^16*x^4/16016 + 265571279*x^2*x^3*x^15*x^4/2/120120
 - 20905793*x^2*x^2*x^3*x^14*x^4*x^3/16016 + 204550121*x^2*x^2*x^3*x^13*x^4*x^4/4368 - 4036554827*x^2*x^2*x^3*x^2*x^4/13/4368
 + 15997929*x^2*x^3*x^11*x^4/6/80 - 23692125647*x^2*x^3*x^11*x^4*x^9/8008 + 8959090835*x^2*x^3*x^9*x^4/8/24024
 - 6461059239*x^2*x^3*x^2*x^4*x^9/16016 - 911784275*x^2*x^3*x^2*x^4*x^10/24024 - 73704105367*x^2*x^2*x^3*x^6*x^4/11/240240
 + 1091887311*x^2*x^2*x^5*x^4*x^12/5005 - 1054101195*x^2*x^2*x^3*x^4*x^13/8008 + 1125170693*x^2*x^2*x^3*x^4*x^14/16016
 + 723013993*x^2*x^2*x^3*x^4*x^12/12012 - 135126675*x^2*x^3*x^4*x^13/12012 + 279219403*x^2*x^3*x^2*x^4*x^14/48048
 - 397941259*x^2*x^3*x^4*x^15/120120 - 34543767*x^2*x^3*x^16*x^4/16016 + 265571279*x^2*x^3*x^15*x^4/2/120120
 - 2126021129*x^2*x^3*x^14*x^4/8/15015 - 1284050841*x^2*x^3*x^9*x^4/9/80080 - 6458105447*x^2*x^3*x^2*x^4/5/40040
 - 3942680453*x^2*x^3*x^7*x^4*x^11/48048 + 3476268479*x^2*x^3*x^6*x^4*x^12/40040 - 5714346353*x^2*x^3*x^5*x^4/13/80080
 + 2770922681*x^2*x^3*x^11*x^4/6/6006 - 1456813763*x^2*x^3*x^12*x^4/4/16016 + 762265507*x^2*x^3*x^11*x^4/5/9240
 - 3229339*x^2*x^3*x^4*x^17/924 + 140923619*x^2*x^17*x^3*x^2/24024 + 3014609*x^1*x^17*x^4/2/467 + 13809875*x^1*x^17*x^2/2/1716
 - 6955783217*x^1*x^2*x^3*x^8*x^3/48048 - 3073251*x^1*x^2*x^3*x^8*x^4/5/6006 + 516502765*x^1*x^2*x^3*x^2*x^4/16/3432
 + 11705978*x^1*x^2*x^7*x^4/9/385 - 51746471807*x^1*x^2*x^6*x^3*x^10/24024 + 43178291*x^1*x^2*x^6*x^4*x^10/18480
 + 103863735401*x^1*x^2*x^5*x^4*x^11/60060 - 183839890*x^1*x^3*x^2*x^5*x^4*x^11/3696 - 2664112405*x^1*x^3*x^2*x^4*x^12/24024
 + 53062915*x^1*x^3*x^2*x^4*x^11/60008 + 29406847*x^1*x^3*x^2*x^3*x^12/5008 - 182023637*x^1*x^2*x^3*x^4/13/3696
 - 163850207*x^1*x^2*x^3*x^4*x^10/8008 + 1017517723*x^1*x^2*x^2*x^4*x^14/20240 + 76812079*x^1*x^2*x^3*x^2*x^5/15/21840
 - 19739723*x^1*x^2*x^3*x^4*x^14/1545 - 1284050841*x^1*x^2*x^3*x^4*x^15/21840 + 14410813463*x^1*x^3*x^4*x^14*x^4/240240
 - 87707465*x^1*x^3*x^13*x^4*x^5/15/120120 + 13148361*x^1*x^3*x^12*x^4*x^6/4004 + 152432409*x^2*x^3*x^11*x^4/7/6160
 - 2126021129*x^2*x^3*x^14*x^4/8/15015 - 1284050841*x^2*x^3*x^9*x^4/9/80080 - 6458105447*x^2*x^2*x^3*x^2*x^4/5/40040
 - 3942680453*x^2*x^3*x^7*x^4*x^11/48048 + 3476268479*x^2*x^3*x^6*x^4*x^12/40040 - 5714346353*x^2*x^3*x^5*x^4/13/80080
 + 2770922681*x^2*x^3*x^11*x^4/6/6006 - 1456813763*x^2*x^3*x^12*x^4/4/16016 + 33687127*x^2*x^3*x^2*x^4/16/3432
 - 6955783217*x^1*x^2*x^3*x^8*x^3/48048 - 3073251*x^1*x^2*x^3*x^8*x^4/5/6006 + 516502765*x^1*x^2*x^3*x^2*x^4/16/3432
 + 11705978*x^1*x^2*x^7*x^4/9/385 - 51746471807*x^1*x^2*x^6*x^3*x^10/24024 + 43178291*x^1*x^2*x^6*x^4*x^10/18480
 + 103863735401*x^1*x^2*x^5*x^4*x^11/60060 - 183839890*x^1*x^3*x^2*x^5*x^4*x^11/3696 - 2664112405*x^1*x^3*x^2*x^4*x^12/24024
 - 53062915*x^1*x^3*x^2*x^4*x^11/240240 + 209565093*x^1*x^3*x^2*x^4*x^12/15015 + 18612915*x^1*x^2*x^16*x^3/15/40040
 - 4226430427*x^1*x^3*x^7*x^4*x^14/9/120120 + 88633230967*x^1*x^3*x^6*x^4*x^10/240240 - 26847687743*x^1*x^3*x^5*x^4*x^11/18480
 + 2004839435*x^1*x^3*x^4*x^14/12/8008 - 7959085367*x^1*x^3*x^4*x^13/8008 + 200168118111*x^1*x^3*x^2*x^4*x^14/240240
 - 5269941301*x^1*x^3*x^4*x^15/120120 + 1301669*x^1*x^2*x^16*x^3/15015 + 8612915*x^1*x^2*x^16*x^4/16/40040
 - 4830758731*x^1*x^2*x^15*x^3/2/240240 - 257285177*x^1*x^2*x^15*x^4/2/34320 + 190539095*x^1*x^2*x^2*x^4*x^3/4004
 + 1681800593*x^1*x^2*x^13*x^4*x^3/17160 - 225981375*x^1*x^2*x^13*x^3*x^4/24024 - 75892813*x^1*x^2*x^13*x^4*x^4/4004
 + 1339833597*x^1*x^2*x^2*x^3*x^5/40040 + 46434947*x^1*x^2*x^2*x^2*x^4*x^5/1680 - 478984099*x^1*x^2*x^2*x^3*x^6/18480
 - 9713703121*x^1*x^2*x^2*x^4*x^5/240240 - 8316963693*x^1*x^2*x^2*x^10*x^3/240240 + 150577*x^1*x^2*x^2*x^1*x^2*x^4*x^11/15015
 - 9661004597*x^1*x^2*x^2*x^9*x^3/8/24024 - 1165977*x^1*x^2*x^9*x^4*x^8/280 - 19346536267*x^1*x^2*x^2*x^3*x^9/48048
 + 95002231*x^1*x^2*x^2*x^8*x^4*x^9/4640 - 3440112353*x^1*x^2*x^7*x^3*x^4*x^10/10010 + 4777015*x^1*x^2*x^7*x^4*x^10/616
 + 5974507410*x^1*x^2*x^6*x^3/11/240240 - 373180933*x^1*x^2*x^6*x^4/11/18480 - 4449831871*x^1*x^2*x^5*x^3/12/30030
 - 12600044683*x^1*x^2*x^5*x^4*x^12/240240 + 3172077*x^1*x^2*x^4*x^13/240240 + 596553773*x^1*x^2*x^4*x^4/13/2012
 - 171037107*x^1*x^2*x^4*x^3/12/240240 + 2742054*x^1*x^2*x^4*x^14/20240 - 48385287*x^1*x^2*x^4*x^4/34320
 + 289696067*x^1*x^2*x^13*x^5/40040 + 674457169*x^1*x^2*x^13*x^4/18480 - 492903077*x^1*x^2*x^12*x^3/12/2012
 - 738819109*x^1*x^2*x^4*x^6/11440 - 569996923*x^1*x^2*x^5*x^4*x^7/6160 - 5346646871*x^1*x^2*x^5*x^4/13/80080
 - 2812347271*x^1*x^2*x^4*x^14/240240 + 18550048083*x^1*x^2*x^4*x^14/240240 + 91702071*x^1*x^2*x^3*x^15/80080
 - 539616537*x^1*x^2*x^3*x^4*x^15/240240 + 7804553*x^1*x^2*x^2*x^3*x^16/6864 - 97339091*x^1*x^2*x^2*x^4*x^16/1001
 + 1013365*x^1*x^2*x^3*x^4*x^15/240240 - 34895221*x^1*x^2*x^3*x^4*x^17/17160 - 1053713*x^1*x^2*x^3*x^4*x^14*x^3/8580
 + 989911369*x^1*x^2*x^3*x^4*x^4/48048 - 1059208049*x^1*x^2*x^3*x^12*x^4/15/80080 + 7343430881*x^1*x^2*x^3*x^11*x^4/6/60060
 - 4823440519*x^1*x^2*x^3*x^4*x^17/240240 + 676896387*x^1*x^2*x^3*x^4*x^18/240240 - 8099029931*x^1*x^2*x^3*x^8*x^4/9/240240
 + 84665683679*x^1*x^2*x^3*x^7*x^4*x^10/240240 - 3578781157*x^1*x^2*x^3*x^6*x^4/11/120120 + 736828521*x^1*x^2*x^3*x^5*x^4/12/3080
 + 247746857*x^1*x^2*x^3*x^4*x^14*x^16/10/16016 - 324265539*x^1*x^2*x^3*x^4*x^15/120120 - 904727977*x^1*x^2*x^3*x^2*x^4*x^15/240240
 - 376647421*x^1*x^2*x^3*x^4*x^17/2/240240 - 31783035*x^1*x^2*x^17*x^3/16/18016 - 1812711*x^1*x^2*x^17*x^4/4004
 + 319745*x^1*x^2*x^16*x^3/7/28/2/2/280 - 4728023*x^1*x^2*x^16*x^4/2/6006 - 91978255*x^1*x^2*x^15*x^3/12/120120
 + 761326967*x^1*x^2*x^15*x^4/2/34320 + 754741397*x^1*x^2*x^14*x^3/4/20240 - 48385287*x^1*x^2*x^14*x^4/4/34320
 + 289696067*x^1*x^2*x^13*x^5/40040 + 674457169*x^1*x^2*x^13*x^4/18480 - 492903077*x^1*x^2*x^12*x^3/12/2012
 - 738819109*x^1*x^2*x^4*x^6/11440 - 569996923*x^1*x^2*x^5*x^4*x^7/6160 - 5346646871*x^1*x^2*x^5*x^4/13/80080
 - 2812347271*x^1*x^2*x^4*x^14/240240 + 18550048083*x^1*x^2*x^4*x^14/240240 + 91702071*x^1*x^2*x^3*x^15/80080
 - 534191919*x^1*x^2*x^3*x^4*x^5/2310 + 145344371*x^1*x^2*x^3*x^4*x^6/40040 + 72645580999*x^1*x^2*x^3*x^5*x^4/240240
 + 198467611*x^1*x^2*x^3*x^4*x^5/5460 + 35430656491*x^1*x^2*x^3*x^4*x^6/240240 + 6470229593*x^1*x^2*x^3*x^4*x^6/240240
 + 10546552053*x^1*x^2*x^3*x^4*x^7/240240 + 35669484601*x^1*x^2*x^3*x^4*x^8/240240 + 8384795*x^1*x^2*x^3*x^4*x^7/4616
 + 201500793*x^1*x^2*x^3*x^4*x^2/6160 + 3044008361*x^1*x^2*x^3*x^4*x^3/18480 + 3582783*x^1*x^2*x^3*x^4*x^4/4/924
 - 489772439*x^1*x^2*x^3*x^4*x^5/18480 + 46872063*x^1*x^2*x^3*x^4*x^6/3696 - 3872461237*x^1*x^2*x^3*x^4*x^7/18480
 - 1491966069*x^1*x^2*x^3*x^4*x^8/16016 - 2593746919*x^1*x^2*x^3*x^4*x^9/80080 - 246488427*x^1*x^2*x^3*x^4*x^10/27280
 - 40546187621*x^1*x^2*x^3*x^4*x^2/120120 - 11076481469*x^1*x^2*x^3*x^4*x^3/2/60060 - 1920222401*x^1*x^2*x^3*x^4*x^4/3/60060
 - 798931093*x^1*x^2*x^3*x^4*x^5/3080 - 1282716697*x^1*x^2*x^3*x^4*x^6/3696 - 42934106861*x^1*x^2*x^3*x^5*x^4/240240
 - 74061489809*x^1*x^2*x^3*x^4*x^5/240240 - 81703343401*x^1*x^2*x^3*x^4*x^6/240240 - 15888312651*x^1*x^2*x^3*x^4*x^6/40040
 - 739972867*x^1*x^2*x^3*x^4*x^7/11440 - 3181152631*x^1*x^2*x^3*x^4*x^8/240240 - 37049667*x^1*x^2*x^3*x^8/770
 - 2893039819*x^1*x^2*x^4*x^8/6160 + 8714845*x^1*x^2*x^4*x^9/616 + 8589173*x^1*x^2*x^3*x^4*x^2/616
 + 23983211*x^1*x^2*x^3*x^4*x^5/18480 - 178021873*x^1*x^2*x^3*x^4*x^6/18480 - 178021873*x^1*x^2*x^3*x^4*x^7/18480
 + 536509081*x^1*x^2*x^3*x^4*x^6/4620 - 12296247*x^1*x^2*x^3*x^4*x^7/770 + 433965141*x^1*x^2*x^3*x^4*x^8/1232
 + 174685561*x^1*x^2*x^3*x^4*x^9/20200 + 68585117*x^1*x^2*x^3*x^4*x^10/2288 + 38025019177*x^1*x^2*x^3*x^2/120120

$+ 388966016*v1^9*v2^8*v4^2/1365 + 9611153763*v1^9*v2^7*v3^3/80080 + 71355810781*v1^9*v2^7*v4^3/240240$
 $+ 610737511*v1^9*v2^6*v3^4/3696 + 1723971349*v1^9*v2^6*v4^4/6160 + 53208183019*v1^9*v2^5*v3^5/240240$
 $+ 6295862919*v1^9*v2^5*v4^5/20024 + 4429602769*v1^9*v2^4*x3^6/48048 + 1121536891*v1^9*v2^4*x4^6/4368$
 $+ 1942096697*v1^9*v2^3*x3^7/5720 + 87858885781*v1^9*v2^3*x4/7/240240 + 1163872616*v1^9*v2^2*x3^8/2640$
 $+ 724000337*v1^9*v2^2*x4^8/3880 + 4169501009*v1^9*v2*x3^9/9240 + 1516381325*v1^9*v2*x4^9/3696$
 $- 22374197*v1^9*v3^4/656 - 462498109*v1^9*v3^8*x4/2/9240 - 66402548*x1^9*v3^7*x4/3/1155$
 $- 327732701*v1^9*v2^2*x4^8/18480 - 1765689067*v1^9*v3^5*x4/5/18480 + 54278243*x1^9*v3^4*x4/6/1232$
 $- 4249463483*v1^9*v3^3*x4^7/18480 + 961463383*v1^9*x3^2*x4^8/4620 - 8465618783*x1^9*v3*x4/9/18480$
 $+ 15655280227*v1^8*x2^10*x3/240240 - 57499404629*x1^8*x2^10*x4/240240 - 4362191663*v1^8*x2^9*x3^2/16016$
 $- 8302188151*v1^8*x2^9*x4^2/40044 - 74689603*x1^8*x2^8*x3^3/8008 - 10485804265*x1^8*x2^8*x4^3/48048$
 $- 27777395*v1^8*x2^7*x3^4/168 - 148901303*x1^8*x2^7*x4/616 - 2512570201*x1^8*x2^6*x3^5/120120$
 $- 355708737*v1^8*x2^3*x4^8/3696 + 42496489*x1^8*x2^2*x3^9/176 - 600388061*v1^8*x2^2*x4^9/3080$
 $+ 147751589*v1^8*x2^4*x3^7/2288 - 964205719*v1^8*x2^4*x4/7/6008 - 14718677*v1^8*x2^3*x3^8/4$
 $- 106929383*v1^8*x2^3*x4^8/3696 + 42496489*x1^8*x2^2*x3^9/176 - 600388061*v1^8*x2^2*x4^9/3080$
 $- 83398393*x1^8*x2^3*x4^10/2310 - 5357791853*x1^8*x2^4*x4/10/18480 + 361280333*x1^8*x3^10*x4/9240$
 $+ 32228937*v1^8*x3^6*x4/24620 + 51681965*x1^8*x3^8*x4/3/924 + 128551529*x1^8*x3^7*x4/4/1848$
 $- 333194839*x1^8*x3^6*x4/18480 + 709040867*v1^8*x3^5*x4/6/4620 - 195546899*x1^8*x3^4*x4/7/1848$
 $+ 1218091287*v1^8*x3^4*x4/3696 - 1188446463*x1^8*x3^2*x4/9/4620 + 8930944807*x1^8*x3^4*x4/10/18480$
 $- 918237987*v1^7*x2^11*x3/9240 + 13134765907*v1^7*x2^11*x4/80080 + 12508189571*v1^7*x2^10*x3^2/60060$
 $+ 2123623039*v1^7*x2^10*x4/2/17160 - 915176005*v1^7*x2^9*x3/2/16016 + 5300498947*x1^7*x2^9*x4^3/34320$
 $+ 4791222017*v1^7*x2^8*x3^4/48044 + 340905117*v1^7*x2^8*x4/4/264 + 9972439583*x1^7*x2^7*x3^5/240240$
 $+ 39937614683*x1^7*x2^7*x4/5/240240 + 6593581*x1^7*x2^6*x3^6/3640 + 187220937*x1^7*x2^6*x4/6/2002$
 $+ 4250207407*v1^7*x2^5*x3^7/20200 - 15955931417*x1^7*x2^5*x4/7/80080 - 388057607*x1^7*x2^4*x3^8/2288$
 $+ 155951429*x1^7*x2^4*x3^8/1848 + 86895421*x1^7*x2^3*x3/9/286 + 333826559*x1^7*x2^3*x4/9/18480$
 $- 2024446967*v1^7*x2^3*x10/11440 + 24613377*x1^7*x2^2*x4/10/154 + 7317343673*x1^7*x2^3*x11/30030$
 $+ 963279791*x1^7*x2^4*x11/6160 - 418842627*x1^7*x2^3*x11/4/120120 - 926265889*x1^7*x2^10*x4/2/15015$
 $- 1516560697*x1^7*x2^3*x4/30030 - 116203852*x1^7*x2^3*x4/4/3003 - 984784751*x1^7*x3^7*x4/5/10010$
 $+ 904156867*x1^7*x2^5*x3^6/20020 - 1849495213*x1^7*x2^5*x4/7/80080 + 252628221*x1^7*x3^4*x4/8/12012$
 $- 95073371051*x1^7*x3^3*x4/9/240240 + 34325907787*x1^7*x3^2*x4/10/120120 - 101740721211*x1^7*x3*x4/11/240240$
 $+ 2322978231*x1^6*x2^12*x3/240240 - 167387509*x1^6*x2^12*x4/240240 - 65679641*x1^6*x2^11*x3^2/420$
 $- 300219895*x1^6*x2^11*x4/2/4368 + 4928054147*x1^6*x2^10*x3/40040 - 9683440373*x1^6*x2^10*x4/3/120120$
 $- 12261859347*x1^6*x2^9*x3/4/80080 - 1565420707*x1^6*x2^9*x4/4/18480 + 1319659237*x1^6*x2^8*x3^5/9240$
 $- 6155330809*x1^6*x2^8*x4/5/120120 - 2136008351*x1^6*x2^7*x3^6/10010 - 613465192*x1^6*x2^7*x4/6/5005$
 $+ 223625425*x1^6*x2^6*x3^7/1144 - 282965817*x1^6*x2^6*x4/7/20020 - 4391453965*x1^6*x2^5*x3^8/16016$
 $- 143092206*x1^6*x2^5*x4/8/105 + 3993974723*x1^6*x2^4*x4/9/16016 - 663977981*x1^6*x2^4*x4/9/18480$
 $- 62562554617*x1^6*x2^3*x3/10/240240 - 92176946*x1^6*x2^3*x4/10/1155 - 1171766783*x1^6*x2^2*x3^11/7280$
 $- 2353872943*x1^6*x2^2*x4/18480 - 658409699*x1^6*x2^3*x12/48048 - 149495611*x1^6*x2^2*x4/4/2730$
 $+ 12298472931*x1^6*x2^12*x3/240240 + 10913827283*x1^6*x3^11*x4/2/240240 + 1181142749*x1^6*x3^10*x4/3/80080$
 $+ 162319728437*x1^6*x2^9*x3/4/240240 - 349485177*x1^6*x2^8*x4/4/240240 + 1305219179*x1^6*x2^7*x4/6/10010$
 $- 134365192*x1^6*x3^6*x4/7/5005 + 34008391549*x1^6*x3^5*x4/8/120120 - 69299913337*x1^6*x3^4*x4/9/240240$
 $+ 31670478537*x1^6*x3^4*x4/10/8008 - 1179312361*v1^6*x2^3*x4/11/4368 + 5329196749*x1^6*x3*x4/12/17160$
 $- 8372953871*x1^5*x2^3*x13/120120 + 9916504043*x1^5*x2^3*x14/240240 + 8194321701*x1^5*x2^2*x12*x3^2/80080$
 $+ 364767744*x1^5*x2^12*x4/2/1155 - 2046294541*x1^5*x2^11*x3^3/18480 + 11840822963*x1^5*x2^11*x4/3/240240$
 $+ 2031838961*x1^5*x2^10*x3^4/20020 + 100443301*x1^5*x2^10*x4/4/1540 - 14102284591*x1^5*x2^9*x3^5/240240$
 $+ 18570601067*x1^5*x2^9*x4/5/240240 - 45741937*x1^5*x2^8*x3/6/18480 - 4565350093*x1^5*x2^8*x4/6/240240$
 $+ 1325242237*x1^5*x2^7*x3^7/12/240240 - 265789031*x1^5*x2^6*x3^8/17/2020 - 10189779501*x1^5*x2^3*x3^7/11/60060$
 $- 150763433*x1^5*x2^6*x4/8/18480 + 14150743127*x1^5*x2^5*x3/9/60060 + 1996834433*x1^5*x2^5*x4/9/3696$
 $- 26750715769*x1^5*x2^4*x3/10/120120 - 1261652939*x1^5*x2^4*x4/10/3080 + 10189779501*x1^5*x2^3*x3^7/11/60060$
 $- 5938047*x1^5*x2^3*x4/11/6160 - 4281721911*x1^5*x2^2*x3/12/40044 + 2954070989*x1^5*x2^2*x4/12/30030$
 $+ 183631094*x1^5*x2^12*x3/13/3003 + 6761837*x1^5*x2^12*x4/13/16016 - 27102637*x1^5*x3^13*x4/15015$
 $- 63327981*x1^5*x3^12*x4/2/3080 - 270229303*x1^5*x3^11*x4/2/240240 - 1981466023*x1^5*x3^10*x4/4/120120$
 $- 1396799111*x1^5*x3^9*x4/5/240240 + 18468677081*x1^5*x3^8*x4/6/240240 - 11720253079*x1^5*x3^7*x4/7/60060$
 $- 56136224929*x1^5*x3^6*x4/8/240240 - 2713791389*x1^5*x3^5*x4/9/80080 + 1981280779*x1^5*x3^4*x4/10/60060$
 $- 82434808339*x1^5*x3^4*x11/240240 + 2003328211*x1^5*x3^2*x4/12/9240 - 15371991199*x1^5*x3*x4/13/80080$
 $+ 4943880383*x1^5*x2^6*x4/8/18480 + 14150743127*x1^5*x2^5*x3/9/60060 + 1996834433*x1^5*x2^5*x4/9/3696$
 $- 26750715769*x1^5*x2^4*x3/10/120120 - 1261652939*x1^5*x2^4*x4/10/3080 + 10189779501*x1^5*x2^3*x3^7/11/60060$
 $- 5938047*x1^5*x2^3*x4/11/6160 - 4281721911*x1^5*x2^2*x3/12/40044 + 2954070989*x1^5*x2^2*x4/12/30030$
 $+ 183631094*x1^5*x2^12*x3/13/3003 + 6761837*x1^5*x2^12*x4/13/16016 - 27102637*x1^5*x3^13*x4/15015$
 $- 63327981*x1^5*x3^12*x4/2/3080 - 270229303*x1^5*x3^11*x4/2/240240 - 1981466023*x1^5*x3^10*x4/4/120120$
 $- 134958321*x1^4*x2^5*x3/10/560 - 16081781*x1^4*x2^5*x4/10/18480 + 3362475251*x1^4*x2^4*x3/11/18480$
 $- 122421541*x1^4*x2^5*x4/11/2310 - 540130295*x1^4*x2^3*x3/12/48048 + 644340881*x1^4*x2^3*x4/12/16016$
 $+ 265951627*x1^4*x2^3*x4/17/48048 - 546601107*x1^4*x2^2*x4/13/8008 - 966823035*x1^4*x2^3*x4/14/48048$
 $+ 788127744*x1^4*x2^4*x3/14/5005 + 139202335*x1^4*x2^3*x4/12/48048 + 264255907*x1^4*x3^13*x4/2/48048$
 $+ 45427961*x1^4*x2^3*x12*x4/3/48048 + 4725779*x1^4*x3^11*x4/1680 - 652553927*x1^4*x2^3*x4/10*x4/5/18480$
 $+ 95188131*x1^4*x2^3*x4/5/9240 - 602809373*x1^4*x2^3*x4/9/24048 + 485948331*x1^4*x2^3*x4/7/3696$
 $- 1464827839*x1^4*x2^3*x4/9/24048 + 405913147*x1^4*x2^2*x5*x4/10/155 - 516871301*x1^4*x3^4*x4/11/1680$
 $+ 1532137967*x1^4*x3^4*x12/6006 - 7015647019*x1^4*x3^2*x4/13/48048 + 23999404733*x1^4*x3*x4/14/240240$
 $- 763677331*x1^3*x2^15*x3/4/40040 - 429545593*x1^4*x2^14*x4/120120 - 264235907*x1^4*x3^13*x4/2/40040$
 $+ 86721101*x1^3*x2^14*x4/2/11440 - 889234167*x1^3*x2^13*x3/16016 + 426566573*x1^3*x2^13*x4/3/48048$
 $+ 4796931*x1^3*x2^13*x3/2/728 - 3284921*x1^3*x2^12*x4/4/2002 - 371087933*x1^3*x2^11*x3^5/6160$
 $+ 3453491229*x1^3*x2^11*x3^4/5/80080 + 4668634789*x1^3*x2^10*x3^6/240240 - 13101918497*x1^3*x2^11*x3^5*x4/6/240240$
 $+ 444006581*x1^3*x2^9*x3^7/8/80080 - 18872752439*x1^3*x2^9*x4/7/40040,$

L0MI_25_4 = 1800516929*x1^3*x2^7*x3^5*x4/6/2184

$+ 224057404*x1^3*x2^7*x3^4*x4/7/273 + 5385166445*x1^3*x2^7*x3^4*x4/8/4368$
 $+ 14093421*x1^3*x2^7*x3^2*x4/9/52 + 13117994*x1^3*x2^7*x3^4*x4/10/7 - 355377469*x1^3*x2^6*x3/11*x4/1092$
 $- 165236881*x1^3*x2^6*x3^6*x4/2/273 - 6666683365*x1^3*x2^6*x3^9*x4/3/4368$
 $- 1858790551*x1^3*x2^6*x3^8*x4/4/4368 - 279867041*x1^3*x2^6*x3^9*x4/6/273 - 19642427*x1^3*x2^6*x3^6*x4/6/52$
 $- 366359189*x1^3*x2^6*x3^5*x4/5/312 - 97190221*x1^3*x2^6*x3^4*x4/8/624 - 3143363143*x1^3*x2^6*x3^3*x4/9/2184$
 $+ 6135833*x1^3*x2^5*x3^2*x4/10/560 - 3850051*x1^3*x2^6*x3^6*x4/11/202 - 36587121*x1^3*x2^5*x3^10*x4/1092$
 $+ 212473691*x1^3*x2^5*x3^2*x4/13/546 + 4186302623*x1^3*x2^5*x3^2*x4/13/8008 + 363472523*x1^3*x2^5*x3^9*x4/9/2184$
 $+ 1219145387*x1^3*x2^5*x3^8*x4/14/5005 + 417880472*x1^3*x2^5*x3^7*x4/6/273 + 1406459045*x1^3*x2^5*x3^6*x4/7/2184$
 $+ 2754813875*x1^3*x2^5*x3^5*x4/8/4368 + 68194589*x1^3*x2^5*x3^4*x4/9/1092 + 6610537*x1^3*x2^5*x3^3*x4/10/56$
 $- 1382754215*x1^3*x2^5*x3^2*x4/11/4368 + 20662099*x1^3*x2^5*x3^5*x4/12/14 - 364072441*x1^3*x2^4*x3^13*x4/1456$
 $- 293235805*x1^3*x2^4*x3^12*x4/2/1456 - 1068264503*x1^3*x2^4*x3^12*x4/11/456 + 658177801*x1^3*x2^4*x3^2*x4/12/1892$
 $- 755913594*x1^3*x2^4*x3^10*x4/1456 - 178688645*x1^3*x2^4*x3^9*x4/5/208 + 639983467*x1^3*x2^4*x3^8*x4/6/1092$
 $- 480724931*x1^3*x2^4*x3^7*x4/7/364 + 3657006337*x1^3*x2^4*x3^6*x4/8/4368 - 261329461*x1^3*x2^4*x3^5*x4/9/182$
 $+ 17323520*x1^3*x2^4*x3^4*x4/18/21 - 20518573*x1^3*x2^4*x3^4*x4/11/1456 + 658177801*x1^3*x2^4*x3^2*x4/12/1892$
 $- 377612467*x1^3*x2^4*x3^4*x4/13/364 + 831521497*x1^3*x2^3*x3^4*x4/4/368 + 56137323*x1^3*x2^3*x3^3*x4/2/1456$
 $+ 74086073*x1^3*x2^3*x3^3*x4/12*x3/312 - 6865695*x1^3*x2^3*x3^3*x4/14/456 + 724213493*x1^3*x2^3*x3^3*x4/10*x4/5/1456$
 $- 1546151597*x1^3*x2^3*x3^3*x4/6/456 + 2315998165*x1^3*x2^3*x3^3*x4/8/456 - 791587645*x1^3*x2^3*x3^5*x4/10/1992$
 $+ 14764817*x1^3*x2^3*x3^2*x4/12/4368 + 2210153*x1^4*x2^3*x2^4*x6/4/108 - 288499957*x1^4*x2^3*x5*x4/11/78$
 $+ 18859780*x1^4*x2^3*x4/4*x4/12/39 - 552519083*x1^4*x2^3*x3^4*x4/13/1092 + 4391038*x1^4*x2^3*x2^4*x4/14/2184$
 $- 18186675*x1^4*x2^3*x4/15/624 + 308863*x1^4*x2^16*x3^4*x4/24/728 + 260199587*x1^4*x2^15*x3^2*x4/4/74368$
 $- 137500591*x1^3*x2^15*x3/4/1456 - 183948035*x1^3*x2^14*x3^4*x4/2/184 + 30105507*x1^3*x2^14*x3^2*x4/2/184$
 $+ 8186475*x1^3*x2^14*x3^4*x4/18/218 + 37547693*x1^3*x2^13*x3^4*x4/6/156 - 11038227*x1^3*x2^13*x3^3*x4/2/728$
 $+ 3016129*x1^3*x2^13*x3^2*x4/4/342 + 73022345*x1^3*x2^13*x3^4*x4/4/1456 - 259270325*x1^3*x2^12*x3^5*x4/6/264$
 $- 156022657*x1^3*x2^12*x3^4*x4/2/4368 - 164618894*x1^3*x2^12*x3^4*x4/7/2184 + 16993917*x1^3*x2^13*x3^4*x4/14/264$
 $- 42549797*x1^3*x2^2*x3^5*x4/12/156 + 22310153*x1^4*x2^3*x2^4*x6/4/108 - 288499957*x1^4*x2^3*x5*x4/11/78$
 $+ 18859780*x1^4*x2^3*x4/4*x4/12/39 - 552519083*x1^4*x2^3*x3^4*x4/13/1092 + 4391038*x1^4*x2^3*x2^4*x4/14/2184$
 $- 5092121581*x1^3*x2^11*x3^4*x4/3/4368 - 1110307399*x1^3*x2^10*x3^4*x4/2/2184$
 $- 1702874155*x1^3*x2^10*x3^3*x4/5/2184 - 386258479*x1^3*x2^10*x3^2*x4/6/2728$
 $- 202648221*x1^3*x2^10*x3^2*x4/10*x3/2184 + 678703113*x1^3*x2^9*x3^4*x4/8/4156 + 1170110171*x1^3*x2^9*x3^7*x4/2/2184$
 $+ 790290537*x1^3*x2^9*x3^6*x4/3/4368 + 54788265*x1^3*x2^9*x3^5*x4/4/1092 + 101157893*x1^3*x2^9*x3^4*x4/5/91$
 $+ 47213949*x1^3*x2^9*x3^3*x4/6/56 + 1443981337*x1^3*x2^9*x3^2*x4/7/2184 + 5916829297*x1^3*x2^9*x3^4*x4/8/4368$
 $- 238542439*x1^3*x2^8*x3^4*x4/6/564 - 374304563*x1^3*x2^8*x3^5*x4/4/256 - 82271303*x1^3*x2^8*x3^7*x4/3/39$
 $- 18910323*x1^3*x2^8*x3^6*x4/4/336 - 5362728173*x1^3*x2^8*x3^5*x4/5/4368 - 3483171163*x1^3*x2^8*x3^4*x4/6/4368$
 $- 5235062129*x1^3*x2^8*x3^4*x4/7/4368 - 46364912*x1^3*x2^8*x3^2*x4/8/91 - 759552239*x1^3*x2^8*x3^4*x4/9/4368$
 $+ 79464403*x1^3*x2^7*x3^4*x4/2/184 + 1455401803*x1^3*x2^7*x3^4*x4/2/2184 + 32617253*x1^3*x2^7*x3^8*x4/3/156$
 $+ 157939391*x1^3*x2^7*x3^4*x4/7/4368 + 264990675*x1^3*x2^7*x3^2*x4/7/2184 - 158189393*x1^3*x2^5*x3^8*x4/4/1456$
 $- 90678613*x1^3*x2^5*x3^7*x4/4/5/312 - 104312179*x1^3*x2^5*x3^6*x4/4/104 - 6049384*x1^4*x2^5*x3^5*x4/7/13$
 $- 150039977*x1^4*x2^5*x3^4*x4/7/2184 - 37013053*x1^4*x2^4*x3^2*x4/7/2184 - 975520631*x1^4*x2^5*x3^2*x4/10/4368$
 $- 514444669*x1^4*x2^5*x3^4*x4/11/312 + 143740123*x1^4*x2^4*x3^2*x4/12/24/364 + 36120374389*x1^4*x2^4*x3^11*x4/2/1456$
 $+ 71283971*x1^4*x2^4*x3^10*x4/3/728 + 260087353*x1^4*x2^4*x3^9*x4/4/273 - 380846845*x1^4*x2^4*x3^8*x4/5/4368$

+ 2260060391*v1^4*v2^4*v3^7*v4^6/2184 - 191133125*v1^4*v2^4*v3^6*v4^7/1092
 + 5321487449*v1^4*v2^4*v3^5*v4^8/4368 - 406482493*v1^4*v2^4*v3^4*v4^9/1092
 + 7035193345*v1^4*x^2*v3^3*x^4*10/4368 - 71766781*v1^4*x^2*v4*x^3*2*x^4*11/168 + 2903559637*v1^4*v2^4*v3*v4^12/2184
 - 1398232697*v1^4*x^2*v3*x^3*13*v4/4368 - 623226187*v1^4*x^2*v3*x^2*x^4*2/2184
 - 284659051*x^1*x^2*x^3*x^11*x^4*3/4368 - 1010171335*x^1*x^2*x^2*x^3*x^2*x^4*11/168 + 2903559637*v1^4*v2^4*v3*v4^12/2184
 + 14055222019*v1^4*x^2*v3*x^3*x^4*5/4368 - 1162292071*v1^4*x^2*x^3*x^3*x^4*6/1092 + 121909586*v1^4*v2^3*x^3*x^7*v4^7/273
 - 2704281085*v1^4*x^2*x^3*x^6*x^4/4368 - 518927791*v1^4*x^2*x^3*x^3*x^4*9/1092
 + 140142623*x^1*x^2*x^3*x^4*x^4*10/4368 - 579326057*x^1*x^2*x^3*x^3*x^4*11/546 + 181610732*v1^4*x^2*x^3*x^2*x^4*12/273
 - 108396279*x^1*x^2*x^3*x^4*13/1092 + 723331607*v1^4*x^2*x^3*x^4*14/4368 + 242044163*x^1*x^2*x^3*x^4*2/2184
 + 6965953*x^1*x^2*x^2*x^3*x^2*x^4*3/4368 + 552913771*x^1*x^2*x^3*x^11*x^4*4/1456
 - 1121160541*v1^4*x^2*x^3*x^10*x^4/4368 + 158350555*x^1*x^2*x^2*x^3*x^9*x^4/6/208
 - 1074651881*v1^4*x^2*x^3*x^8*x^4/1456 + 56094343*x^1*x^2*x^2*x^3*x^7*x^4/1456 - 192115653*v1^4*x^2*x^2*x^3*x^6*x^4/182
 + 7133011609*v1^4*x^2*x^3*x^5*x^4*10/4368 - 325249031*x^1*x^2*x^2*x^3*x^4*x^11/273 + 90152987*v1^4*x^2*x^3*x^3*x^4/12/84
 - 741643921*v1^4*x^2*x^2*x^3*x^4*x^4*13/1092 - 267779617*v1^4*x^2*x^2*x^3*x^4*x^14/364 + 599719969*x^1*x^2*x^3*x^15*x^4/4368
 + 113916685*x^1*x^2*x^3*x^4*x^2/2184 - 650710027*x^1*x^2*x^3*x^13*x^4/4368 + 74201095*x^1*x^2*x^3*x^12*x^4/4/1456
 - 127439551*x^1*x^2*x^2*x^11*x^4*5/624 - 1172525*x^1*x^2*x^3*x^10*x^4/6/208 - 12779834*x^1*x^2*x^3*x^9*x^4/7/273
 - 11624391*x^1*x^2*x^2*x^3*x^12*x^4*3/4368 + 54941435*x^1*x^2*x^3*x^11*x^4/4/1456
 + 34392157*x^1*x^2*x^3*x^13*x^3*x^4*x/313 - 68318597*x^1*x^2*x^13*x^2*x^4/2/624 - 119922612*x^1*x^2*x^3*x^4*x^3/1456
 - 89298179*x^1*x^2*x^2*x^3*x^4*x/313 - 306705671*x^1*x^2*x^2*x^3*x^4*x/1456 + 534864989*x^1*x^2*x^12*x^3*x^2*x^4/3*4368
 + 160865785*x^1*x^2*x^2*x^3*x^4*x/1456 + 252026423*x^1*x^2*x^2*x^11*x^5*x^4/624 - 171869933*x^1*x^2*x^2*x^11*x^3*x^4*x^2/2184
 - 158541679*x^1*x^2*x^2*x^3*x^4*x^3/4368 - 28383179*x^1*x^2*x^2*x^11*x^3*x^2*x^4/1456 - 102314903*x^1*x^2*x^11*x^3*x^4*x^5/624
 - 1484547737*x^1*x^2*x^2*x^3*x^6*x^4/4368 + 783810355*x^1*x^2*x^2*x^3*x^5*x^4/7/272 - 533394391*x^1*x^2*x^2*x^10*x^3*x^4*x^3/4368
 + 1097657087*x^1*x^2*x^2*x^10*x^3*x^3*x^4/1456 - 16494721*x^1*x^2*x^2*x^10*x^3*x^2*x^4/5/624 + 2262628213*x^1*x^2*x^2*x^10*x^3*x^4*x^6/4368
 + 58786085*x^1*x^2*x^2*x^9*x^3*x^7*x^4/2184 - 47867389*x^1*x^2*x^9*x^3*x^6*x^4/2/336 - 323217319*x^1*x^2*x^9*x^3*x^5*x^4/3/1092
 - 890261963*x^1*x^2*x^9*x^3*x^4*x^4/1092 - 22114099*x^1*x^2*x^9*x^3*x^3*x^4/5/52 - 205331625*x^1*x^2*x^9*x^3*x^2*x^4/6/364
 - 264489089*x^1*x^2*x^9*x^3*x^4*x^7/364 + 3893119*x^1*x^2*x^8*x^3*x^8*x^4/2184 + 426440551*x^1*x^2*x^8*x^3*x^7*x^4/2/2184
 + 1242786221*x^1*x^2*x^8*x^3*x^6*x^4/4368 + 1804744063*x^1*x^2*x^8*x^5*x^4/4/1456 + 8986781*x^1*x^2*x^8*x^3*x^4*x^5/208
 + 142912779*x^1*x^2*x^8*x^3*x^4*x^6/1456 - 151115351*x^1*x^2*x^8*x^3*x^2*x^4/7/272 - 156304917*x^1*x^2*x^7*x^3*x^4*x^3/364
 - 968582003*x^1*x^2*x^7*x^3*x^9*x^4/2184 - 545976328*x^1*x^2*x^7*x^3*x^8*x^4/2/273 - 682679317*x^1*x^2*x^7*x^3*x^6*x^4/364
 - 500714311*x^1*x^2*x^7*x^3*x^4*x^7/546 - 127810523*x^1*x^2*x^7*x^3*x^2*x^4/8/208 - 3332199443*x^1*x^2*x^7*x^3*x^4*x^9/2184
 + 1880400715*x^1*x^2*x^6*x^3*x^10*x^4/2184 + 7704516713*x^1*x^2*x^6*x^3*x^9*x^4/2/4368
 + 1182426677*x^1*x^2*x^6*x^3*x^4/3/4368 + 741058817*x^1*x^2*x^6*x^3*x^7*x^4/4/456 + 14561204*x^1*x^2*x^6*x^3*x^4*x^5/39
 + 186948745*x^1*x^2*x^6*x^3*x^5*x^4/6/156 + 12957055*x^1*x^2*x^6*x^3*x^4*x^7/26 + 264163297*x^1*x^2*x^6*x^3*x^4*x^8/208
 + 346354039*x^1*x^2*x^6*x^3*x^4*x^9/2184 - 346967315*x^1*x^2*x^6*x^3*x^4*x^10/208 - 584415047*x^1*x^2*x^5*x^3*x^11*x^4/1092
 - 5077580245*x^1*x^2*x^9*x^3*x^10*x^4/2/4368 - 164065105*x^1*x^2*x^5*x^3*x^9*x^4/3/546 + 99137863*x^1*x^2*x^5*x^3*x^4*x^7/104
 + 1384750953*x^1*x^2*x^9*x^3*x^4*x^8/1456 - 1515827069*x^1*x^2*x^5*x^3*x^2*x^4/9/4368 + 130418645*x^1*x^2*x^5*x^3*x^4*x^10/78
 - 930176969*x^1*x^2*x^4*x^3*x^11*x^4/1456 - 108554583*x^1*x^2*x^4*x^3*x^10*x^4/2/182 - 384201647*x^1*x^2*x^4*x^3*x^9*x^4/546
 - 9957367*x^1*x^2*x^4*x^3*x^8*x^4/208 - 2892424155*x^1*x^2*x^4*x^3*x^7*x^4/312 - 44927473*x^1*x^2*x^4*x^3*x^6*x^4/6/312
 - 442014101*x^1*x^2*x^4*x^3*x^5*x^4*x^7/312 + 1024442483*x^1*x^2*x^4*x^4*x^8/4368 - 2982720151*x^1*x^2*x^4*x^3*x^4*x^9/1456
 + 560975809*x^1*x^2*x^4*x^3*x^2*x^4*x^10/2184 - 59223518*x^1*x^2*x^4*x^3*x^2*x^4*x^11/39 + 2300139691*x^1*x^2*x^3*x^12*x^4/4368
 + 744257903*x^1*x^2*x^3*x^11*x^4/2/2184 + 394582551*x^1*x^2*x^3*x^10*x^4/2/728 + 17139541*x^1*x^2*x^3*x^9*x^4/5/2
 + 3177089817*x^1*x^2*x^3*x^8*x^4/5/4368 + 86398621*x^1*x^2*x^3*x^7*x^4/6/273 + 124025333*x^1*x^2*x^3*x^6*x^4/7/273
 + 324757667*x^1*x^2*x^3*x^2*x^4*x^5/4368 + 325493497*x^1*x^2*x^3*x^2*x^4*x^9/4368
 + 31818969*x^1*x^2*x^3*x^2*x^4*x^10/273 - 144528561*x^1*x^2*x^3*x^2*x^4*x^11/2184
 + 291502583*x^1*x^2*x^3*x^4*x^7*x^4/2184 - 5493283647*x^1*x^2*x^2*x^3*x^12*x^4/2/4368
 - 25186017*x^1*x^2*x^3*x^11*x^4/3/11 - 90816553*x^1*x^2*x^3*x^10*x^4/6/264 - 2714718767*x^1*x^2*x^2*x^3*x^9*x^4/5/4368
 + 800776861*x^1*x^2*x^3*x^11*x^4/2/2184 - 346967315*x^1*x^2*x^6*x^3*x^4/10/208 - 584415047*x^1*x^2*x^5*x^3*x^11*x^4/1092
 - 1126545607*x^1*x^2*x^3*x^5*x^4/9/624 + 1167279857*x^1*x^2*x^3*x^4*x^4*x^10/1992
 - 597793447*x^1*x^2*x^3*x^2*x^3*x^4*x^11/546 - 119432705*x^1*x^2*x^3*x^2*x^3*x^4*x^12/156 - 57940703*x^1*x^2*x^3*x^4*x^13/6
 + 540593141*x^1*x^2*x^3*x^11*x^4/2184 + 116923621*x^1*x^2*x^3*x^13*x^4/2/4368 + 61104517*x^1*x^2*x^3*x^12*x^4/3/336
 + 65345897*x^1*x^2*x^3*x^11*x^4*x^4/624 + 196003331*x^1*x^2*x^3*x^10*x^4/5/624 + 95063841*x^1*x^2*x^3*x^9*x^4/6/4368
 + 1108752199*x^1*x^2*x^3*x^4*x^11*x^4/2/4368 + 119432705*x^1*x^2*x^3*x^2*x^3*x^4*x^12/156 - 44927473*x^1*x^2*x^4*x^3*x^6*x^4/6/312
 - 442014101*x^1*x^2*x^4*x^3*x^5*x^4*x^7/312 + 1024442483*x^1*x^2*x^4*x^4*x^8/4368 - 2982720151*x^1*x^2*x^4*x^3*x^4*x^9/1456
 + 560975809*x^1*x^2*x^4*x^3*x^2*x^4*x^10/2184 - 59223518*x^1*x^2*x^4*x^3*x^2*x^4*x^11/39 + 2300139691*x^1*x^2*x^3*x^12*x^4/4368
 + 744257903*x^1*x^2*x^3*x^11*x^4/2/2184 + 394582551*x^1*x^2*x^3*x^10*x^4/2/728 + 17139541*x^1*x^2*x^3*x^9*x^4/5/2
 + 3177089817*x^1*x^2*x^3*x^8*x^4/5/4368 + 86398621*x^1*x^2*x^3*x^7*x^4/6/273 + 124025333*x^1*x^2*x^3*x^6*x^4/7/273
 + 324757667*x^1*x^2*x^3*x^2*x^4*x^5/4368 + 325493497*x^1*x^2*x^3*x^2*x^4*x^9/4368
 + 31818969*x^1*x^2*x^3*x^2*x^4*x^10/273 - 144528561*x^1*x^2*x^3*x^2*x^4*x^11/2184
 + 291502583*x^1*x^2*x^3*x^4*x^7*x^4/2184 - 5493283647*x^1*x^2*x^2*x^3*x^12*x^4/2/4368
 - 25186017*x^1*x^2*x^2*x^3*x^11*x^4/3/11 - 90816553*x^1*x^2*x^2*x^3*x^10*x^4/6/264 - 2714718767*x^1*x^2*x^2*x^3*x^9*x^4/5/4368
 + 800776861*x^1*x^2*x^3*x^11*x^4/2/2184 - 346967315*x^1*x^2*x^6*x^3*x^4/10/208 - 584415047*x^1*x^2*x^5*x^3*x^11*x^4/1092
 - 1126545607*x^1*x^2*x^3*x^5*x^4/9/624 + 1167279857*x^1*x^2*x^3*x^4*x^4*x^10/1992
 - 597793447*x^1*x^2*x^3*x^2*x^3*x^4*x^11/546 - 119432705*x^1*x^2*x^3*x^2*x^3*x^4*x^12/156 - 57940703*x^1*x^2*x^3*x^4*x^13/6
 + 540593141*x^1*x^2*x^3*x^11*x^4/2184 + 116923621*x^1*x^2*x^3*x^13*x^4/2/4368 + 61104517*x^1*x^2*x^3*x^12*x^4/3/336
 + 65345897*x^1*x^2*x^3*x^11*x^4*x^4/624 + 196003331*x^1*x^2*x^3*x^10*x^4/5/624 + 95063841*x^1*x^2*x^3*x^9*x^4/6/4368
 + 1108752199*x^1*x^2*x^3*x^4*x^11*x^4/2/4368 + 119432705*x^1*x^2*x^3*x^2*x^3*x^4*x^12/156 - 44927473*x^1*x^2*x^4*x^3*x^6*x^4/6/312
 - 442014101*x^1*x^2*x^4*x^3*x^5*x^4*x^7/312 + 1024442483*x^1*x^2*x^4*x^4*x^8/4368 - 2982720151*x^1*x^2*x^4*x^3*x^4*x^9/1456
 + 560975809*x^1*x^2*x^4*x^3*x^2*x^4*x^10/2184 - 59223518*x^1*x^2*x^4*x^3*x^2*x^4*x^11/39 + 2300139691*x^1*x^2*x^3*x^12*x^4/4368
 + 744257903*x^1*x^2*x^3*x^11*x^4/2/2184 + 394582551*x^1*x^2*x^3*x^10*x^4/2/728 + 17139541*x^1*x^2*x^3*x^9*x^4/5/2
 + 3177089817*x^1*x^2*x^3*x^8*x^4/5/4368 + 86398621*x^1*x^2*x^3*x^7*x^4/6/273 + 124025333*x^1*x^2*x^3*x^6*x^4/7/273
 + 324757667*x^1*x^2*x^3*x^2*x^4*x^5/4368 + 325493497*x^1*x^2*x^3*x^2*x^4*x^9/4368
 + 31818969*x^1*x^2*x^3*x^2*x^4*x^10/273 - 144528561*x^1*x^2*x^3*x^2*x^4*x^11/2184
 + 291502583*x^1*x^2*x^3*x^4*x^7*x^4/2184 - 5493283647*x^1*x^2*x^2*x^3*x^12*x^4/2/4368
 - 25186017*x^1*x^2*x^2*x^3*x^11*x^4/3/11 - 90816553*x^1*x^2*x^2*x^3*x^10*x^4/6/264 - 2714718767*x^1*x^2*x^2*x^3*x^9*x^4/5/4368
 + 800776861*x^1*x^2*x^3*x^11*x^4/2/2184 - 346967315*x^1*x^2*x^6*x^3*x^4/10/208 - 584415047*x^1*x^2*x^5*x^3*x^11*x^4/1092
 - 1126545607*x^1*x^2*x^3*x^5*x^4/9/624 + 1167279857*x^1*x^2*x^3*x^4*x^4*x^10/1992
 - 597793447*x^1*x^2*x^3*x^2*x^3*x^4*x^11/546 - 119432705*x^1*x^2*x^3*x^2*x^3*x^4*x^12/156 - 57940703*x^1*x^2*x^3*x^4*x^13/6
 + 540593141*x^1*x^2*x^3*x^11*x^4/2184 + 116923621*x^1*x^2*x^3*x^13*x^4/2/4368 + 61104517*x^1*x^2*x^3*x^12*x^4/3/336
 + 65345897*x^1*x^2*x^3*x^11*x^4*x^4/624 + 196003331*x^1*x^2*x^3*x^10*x^4/5/624 + 95063841*x^1*x^2*x^3*x^9*x^4/6/4368
 + 1108752199*x^1*x^2*x^3*x^4*x^11*x^4/2/4368 + 119432705*x^1*x^2*x^3*x^2*x^3*x^4*x^12/156 - 44927473*x^1*x^2*x^4*x^3*x^6*x^4/6/312
 - 442014101*x^1*x^2*x^4*x^3*x^5*x^4*x^7/312 + 1024442483*x^1*x^2*x^4*x^4*x^8/4368 - 2982720151*x^1*x^2*x^4*x^3*x^4*x^9/1456
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 - 1126545607*x^1*x^2*x^3*x^5*x^4/9/624 + 1167279857*x^1*x^2*x^3*x^4*x^4*x^10/1992
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 + 744257903*x^1*x^2*x^3*x^11*x^4/2/2184 + 394582551*x^1*x^2*x^3*x^10*x^4/2/728 + 17139541*x^1*x^2*x^3*x^9*x^4/5/2
 + 3177089817*x^1*x^2*x^3*x^8*x^4/5/4368 + 86398621*x^1*x^2*x^3*x^7*x^4/6/273 + 124025333*x^1*x^2*x^3*x^6*x^4/7/273
 + 324757667*x^1*x^2*x^3*x^2*x^4*x^5/4368 + 325493497*x^1*x^2*x^3*x^2*x^4*x^9/4368
 + 31818969*x^1*x^2*x^3*x^2*x^4*x^10/273 - 144528561*x^1*x^2*x^3*x^2*x^4*x^11/2184
 + 291502583*x^1*x^2*x^3*x^4*x^7*x^4/2184 - 5493283647*x^1*x^2*x^2*x^3*x^12*x^4/2/4368
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 - 1126545607*x^1*x^2*x^3*x^5*x^4/9/624 + 1167279857*x^1*x^2*x^3*x^4*x^4*x^10/1992
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 + 540593141*x^1*x^2*x^3*x^11*x^4/2184 + 116923621*x^1*x^2*x^3*x^13*x^4/2/4368 + 61104517*x^1*x^2*x^3*x^12*x^4/3/336
 + 65345897*x^1*x^2*x^3*x^11*x^4*x^4/624 + 196003331*x^1*x^2*x^3*x^10*x^4/5/624 + 95063841*x^1*x^2*x^3*x^9*x^4/6/4368
 + 1108752199*x^1*x^2*x^3*x^4*x^11*x^4/2/4368 + 119432705*x^1*x^2*x^3*x^2*x^3*x^4*x^12/156 - 44927473*x^1*x^2*x^4*x^3*x^6*x^4/6/312
 - 442014101*x^1*x^2*x^4*x^3*x^5*x^4*x^7/312 + 1024442483*x^1*x^2*x^4*x^4*x^8/4368 - 2982720151*x^1*x^2*x^4*x^3*x^4*x^9/1456
 + 560975809*x^1*x^2*x^4*x^3*x^2*x^4*x^10/2184 - 59223518*x^1*x^2*x^4*x^3*x^2*x^4*x^11/39 + 2300139691*x^1*x^2*x^3*x^12*x^4/4368
 + 744257903*x^1*x^2*x^3*x^11*x^4/2/2184 + 394582551*x^1*x^2*x^3*x^10*x^4/2/728 + 17139541*x^1*x^2*x^3*x^9*x^4/5/2
 + 3177089817*x^1*x^2*x^3*x^8*x^4/5/4368 + 86398621*x^1*x^2*x^3*x^7*x^4/6/273 + 124025333*x^1*x^2*x^3*x^6*x^4/7/273
 + 324757667*x^1*x^2*x^3*x^2*x^4*x^5/4368 + 325493497*x^1*x^2*x^3*x^2*x^4*x^9/4368
 + 31818969*x^1*x^2*x^3*x^2*x^4*x^10/273 - 144528561*x^1*x^2*x^3*x^2*x^4*x^11/2184
 + 291502583*x^1*x^2*x^3*x^4*x^7*x^4/2184 - 5493283647*x^1*x^2*x^2*x^3*x^12*x^4/2/4368
 - 25186017*x^1*x^2*x^2*x^3*x^11*x^4/3/11 - 90816553*x^1*x^2*x^2*x^3*x^10*x^4/6/264 - 2714718767*x^1*x^2*x^2*x^3*x^9*x^4/5/4368
 + 800776861*x^1*x^2*x^3*x^11*x

- 644728235*v1*v3^15*v4^5/4368 + 85854950*v1*v3^14*v4^6/273 - 197579551*v1*v3^13*v4^7/336
 + 1031510777*v1*v3^12*v4^8/1092 - 145555433*v1*v3^11*v4^9/112 + 956692063*v1*v3^10*v4^10/624
 + 431158807*v1*v3^6*v4^14/624 - 852130351*v1*v3^5*v4^15/218 + 817950739*v1*v3^4*v4^16/4368
 - 20793106*v1*v3^3*v4^17/273 + 2607035*v1*v3^2*v4^18/104 - 2602471*v1*v3*v4^19/364 - 5926019*v2^19*v3*v4/1092
 + 9413239*v2^2*v3^2*v4/546 + 15501753*v2^18*v3*v4^2/728 - 34655149*v2^17*v3^3*v4/728
 - 31424275*v2^17*v3^2*v4^2/546 - 66845305*v2^17*v3*v4^3/1092 + 451065871*v2^16*v3^4*v4/4368
 + 93070901*v2^16*v3^3*v4^2/624 + 546697451*v2^16*v3^2*v4^3/4368 + 224434863*v2^16*v3*v4^4/1456
 - 401807353*v2^15*v3^3*v4/2184 - 231630043*v2^15*v3^4*v4^2/728 - 45016241*v2^15*v3^3*v4/3/168
 - 3167745*v2^15*v3^2*v4^4/13 - 103398137*v2^15*v3*v4^5/312 + 72212863*v2^14*v3^6*v4/273
 + 434191391*v2^14*v3^5*v4^2/728 + 318951133*v2^14*v3^4*v4^3/728 - 342393699*v2^14*v3^3*v4/4728
 + 108188207*v2^14*v3^4*v4^5/273 + 2674071047*v2^14*v3*v4^6/4368 - 447674205*v2^13*v3^7*v4/1456
 - 200007441*v2^13*v3^6*v4^2/208 - 132741641*v2^13*v3^5*v4^3/208 - 393732563*v2^13*v3^4*v4/624
 - 34761565*v2^13*v3^2*v4^5/48 - 144623998*v2^13*v3^2*v4^6/273 - 237766699*v2^13*v3*v4^7/2184
 + 1666993*v2^12*v3^8*v4/6 + 834247685*v1*v3^2*v6*v4/12/624 - 4464863099*v1*v3^3^5*v4/13/4368
 + 2915650921*v1*v3*v4^4/14/4368 - 4216309931*v1*v3^3*v4^15/1092 + 752392637*v1*v3^2*v4^16/4368
 - 85708771*v1*v3*v4^17/1092 + 38655971*v1*v2^18*v3/273 + 93984515*v1*v2^18*v4/2184
 - 28115821*v1*v2^17*v3^2/728 - 1733811*v1*v2^17*v4^2/104 + 443614685*v1*v2^16*v3^3/4368
 + 38476327*v1*v2^16*v3^4/1456 - 144623998*v2^12*v3^4*v4^6/273 - 75983679*v1*v2^15*v4^4/1456
 + 9399617*v1*v2^14*v3^5/21 + 92583581*v1*v2^14*v4^5/1092 - 87470311*v1*v2^13*v3^6/112
 - 270553849*v1*v2^12*v3^4/1456 - 173740181*v1*v2^11*v4^8/1092 + 958402663*v1*v2^10*v3^9/546
 - 556953725*v1*v2^12*v3^4*v4^9/4368 - 170513419*v1*v2^9*v3^10/156 - 258927115*v1*v2^29*v4/10/4368
 + 6500842751*v1*v2^2*v3^11/4368 - 14492951*v1*v2^2*v4^8/11/364 - 1195290749*v1*v2^27*v3^12/1092
 + 93084643*v1*v2^7*v4^12/728 + 53042117*v1*v2^6*v3^13/78 - 270517449*v1*v2^6*v4^13/1456
 - 71973693*v1*v2^5*v3^14/208 + 78846119*v1*v2^5*v4^14/4368 - 608146795*v1*v2^4*v3^15/4368
 - 195639155*v1*v2^4*v4^15/1456 - 8049609*v1*v2^3*v3^16/208 + 334940503*v1*v2^2*v3^4*v4/1456
 + 4419917*v1*v2^2*v3^2*v4^17/78 - 12704585*v1*v2^2*v2^2*v4^17/312 + 5018717*v1*v2^2*v3^18/2184
 + 4040417*v1*v2^2*v3^18*v4/12/312 + 13498807*v1*v2^3*v4^18/2184 - 5221589*v1*v2^3*v4^2/728
 + 3544117*v1*v2^3*v6*v4^3/1456 + 48985763*v1*v2^3*v4^5/1456 - 68652607*v1*v2^3*v4^5/546
 + 338701705*v1*v2^3*v3^14/61092 - 2481667171*v1*v2^3*v4^2/4368 + 944357117*v1*v2^3*v4^8/1092
 - 4944305011*v1*v2^3*v4^9/4368 + 5730525517*v1*v2^3*v4^10/4368 - 1464820939*v1*v2^3*v4^8/11/1092
 + 2637645547*v1*v2^3*v7/412/2184 - 4088006765*v1*v2^3*v6*v4^13/4368 + 2732258213*v1*v2^3*v5*v4/14/4368
 - 780425071*v1*v2^3*v4^15/2184 + 256985803*v1*v2^3*v4^16/1456 - 58530761*v1*v2^3*v4^17/728
 + 4277983*v1*v2^3*v4^18/168 - 3049471*v1*v2^19*v3/104 - 111206*v1*v2^19*v4/91 + 3185485*v1*v2^18*v3^2/364
 + 6557783*v1*v2^18*v4^2/2184 - 1487623*v1*v2^17*v3^7/78 + 2002811*v1*v2^17*v4^3/2184
 + 16715009*v1*v2^16*v3^4/624 - 26789299*v1*v2^16*v4^4/1456 - 1559097*v1*v2^15*v3^5/104
 + 2919721233*v1*v2^15*v4^5/4368 - 67648837*v1*v2^14*v3^6/1456 - 33490887*v1*v2^14*v4^6/2184
 + 261049401*v1*v2^13*v3^7/1456 + 27767411*v1*v2^3*v4/2184 + 779948251*v1*v4^3/9/546
 - 53753255*v1*v4^3*v8*v4/9/546
 + 338701705*v1*v2^3*v3^11/1092 - 52118491*v1*v2^6*v4^11/624 - 70477819*v1*v2^5*v3^12/1092
 + 35396651*v1*v2^5*v4^12/208 + 389580879*v1*v2^4*v3^13/312 - 995171881*v1*v2^4*v4^4/13/4368
 + 48923185*v1*v2^4*v3^14/208 + 234943707*v1*v2^3*v4^14/456 + 33099461*v1*v2^2*v3^15/336
 - 783814117*v1*v2^4*v2^4*v4^15/4368 - 1180209441*v1*v2^3*v3^16/4368 + 229547251*v1*v2^4*v4^16/4368
 + 45722487*v1*v2^3*v4^15/1456 - 1164155*v1*v2^4*v3^14/4368 + 582048121*v1*v2^3*v4^3/78
 + 56022415*v1*v2^3*v3^13*v4^4/2184 - 3975047*v1*v2^3*v4^12*v4^5/156
 + 224417521*v1*v2^3*v4^14/4368 + 779948251*v1*v4^3/9/546
 - 53753255*v1*v4^3*v8*v4/9/546
 + 409939919*v1*v2^3*v7/410/312 - 275565879*v1*v2^4*v3^6*v4^11/208 + 757676407*v1*v2^3*v5*v4/12/624
 - 41198151*v1*v2^5*v4^12/208 + 5730525517*v1*v2^3*v4^13/312 - 995171881*v1*v2^4*v4^4/13/4368
 + 2637645547*v1*v2^3*v7/412/2184 - 4088006765*v1*v2^3*v6*v4^13/4368 + 2732258213*v1*v2^3*v5*v4/14/4368
 - 780425071*v1*v2^3*v4^15/2184 + 256985803*v1*v2^3*v4^16/1456 - 58530761*v1*v2^3*v4^17/728
 + 4277983*v1*v2^3*v4^18/168 - 3049471*v1*v2^19*v3/104 - 111206*v1*v2^19*v4/91 + 3185485*v1*v2^18*v3^2/364
 + 6557783*v1*v2^18*v4^2/2184 - 1487623*v1*v2^17*v3^7/78 + 2002811*v1*v2^17*v4^3/2184
 + 16715009*v1*v2^16*v3^4/624 - 26789299*v1*v2^16*v4^4/1456 - 1559097*v1*v2^15*v3^5/104
 + 2919721233*v1*v2^15*v4^5/4368 - 67648837*v1*v2^14*v3^6/1456 - 33490887*v1*v2^14*v4^6/2184
 + 261049401*v1*v2^13*v3^7/1456 + 27767411*v1*v2^3*v4/2184 + 779948251*v1*v4^3/9/546
 - 53753255*v1*v4^3*v8*v4/9/546
 + 338701705*v1*v2^3*v3^11/1092 - 52118491*v1*v2^6*v4^11/624 - 70477819*v1*v2^5*v3^12/1092
 + 35396651*v1*v2^5*v4^12/208 + 389580879*v1*v2^4*v3^13/312 - 995171881*v1*v2^4*v4^4/13/4368
 + 48923185*v1*v2^4*v3^14/208 + 234943707*v1*v2^3*v4^14/456 + 33099461*v1*v2^2*v3^15/336
 - 783814117*v1*v2^4*v2^4*v4^15/4368 - 1180209441*v1*v2^3*v3^16/4368 + 229547251*v1*v2^4*v4^16/4368
 + 45722487*v1*v2^3*v2^4*v3^12/4368 + 97334927*v1*v2^3*v2^16*v4^2/4368 - 155303935*v1*v2^2*v3^15*v3/1092
 + 544813*v1*v2^3*v2^15*v4^3/112 - 323750858*v1*v2^3*v2^14*v4^3/2184 - 588413*v1*v2^3*v2^14*v4^4/24
 - 78654889*v1*v2^3*v2^13*v3^5/312 + 6123839*v1*v2^3*v2^13*v4^5/728 + 47150713*v1*v2^3*v2^12*v3^6/208
 + 22362995*v1*v2^3*v2^10*v3^8/4368 - 545162441*v1*v2^3*v2^10*v4^8/2184 + 1229003689*v1*v2^3*v2^9*v3/2184
 + 13926677*v1*v2^3*v2^10*v3^8/4368 - 545162441*v1*v2^3*v2^10*v4^8/2184 + 582048121*v1*v2^3*v2^11*v4^7/2184
 + 957657325*v1*v2^3*v2^10*v3^8/4368 - 545162441*v1*v2^3*v2^10*v4^8/2184 + 1229003689*v1*v2^3*v2^9*v3/2184
 + 13926677*v1*v2^3*v2^11/24/2184 - 1181361*v1*v2^3*v2^7*v4^11/26 - 75099439*v1*v2^6*v3^12/104
 + 20966977*v1*v2^3*v2^7*v3^11/24/2184 - 1181361*v1*v2^3*v2^7*v4^11/26 - 75099439*v1*v2^6*v3^12/104
 + 42079347*v1*v2^3*v2^6*v4^12/208 + 49876687*v1*v2^3*v2^5*v3^13/104 - 360494231*v1*v2^3*v2^5*v4^4/13/1456
 + 51563677*v1*v2^3*v2^4*v3^14/208 + 31920357*v1*v2^3*v2^4*v4^14/456 + 10890937*v1*v2^3*v2^3*v3^15/112
 + 202453227*v1*v2^3*v2^4*v3^15/4368 - 17689645*v1*v2^3*v2^3*v4^16/2436 + 10799823*v1*v2^3*v2^2*v4^16/112
 + 1542727*v1*v2^3*v2^17/2184 - 878201*v1*v2^3*v2^17/28 - 4499668*v1*v2^3*v2^17/4/273
 + 73725887*v1*v2^3*v16*v4^2/4368 - 137605519*v1*v2^3*v15*v4^3/4368 + 13607099*v1*v2^3*v14*v4^4/312
 - 200326615*v1*v2^3*v3^14*v4^5/2184 + 573074095*v1*v2^3*v3^12*v4^6/104 - 226938827*v1*v2^3*v3^11*v4^7/624
 + 70223851*v1*v2^3*v3^10*v4^8/104 - 61789495*v1*v2^3*v3^9*v4^9/624 + 3034192963*v1*v2^3*v3^8*v4^10/2184
 - 19563990*v1*v2^3*v3^10*v4^9/113 - 2187811*v1*v2^3*v3^10*v4^10/2184 - 586503891*v1*v2^3*v3^9*v4^8/1456
 - 3654747625*v1*v2^3*v3^9*v4^9/4368 + 265527199*v1*v2^3*v3^8*v4^10/208 - 799928351*v1*v2^3*v3^7*v4^11/624
 + 85092531*v1*v2^3*v3^6*v4^12/624 - 2655252107*v1*v2^3*v2^2*v3^16/624 + 483208537*v1*v2^3*v3^4*v4/14/624
 - 374856559*v1*v2^3*v2^15*v3^2/2184 + 97148371*v1*v2^3*v2^15*v4^2/4368 + 25656414*v1*v2^3*v2^14*v3^2/91
 + 91031725*v1*v2^14*v4^2/1092 - 60708431*v1*v2^13*v3^3/156 + 7901493*v1*v2^13*v4^3/91
 + 16225718*v1*v2^12*v3^4/39 - 1112075*v1*v2^12*v4^4/104 - 125325413*v1*v2^11*v3^5/312
 + 14517725*v1*v2^11*v4^5/78 + 155601739*v1*v2^10*v3^6/624 - 31627835*v1*v2^10*v4^6/312
 + 9287455*v1*v2^13*v2^4*v3^11/12 + 300412807*v1*v2^9*v3^9/47/1092 - 29933775*v1*v2^8*v3^8/728
 - 227177583*v1*v2^8*v4^8/1456 - 218159807*v1*v2^5*v4^10/312 + 504033527*v1*v2^7*v4^9/2184
 - 265244717*v1*v2^5*v2^4/312 + 469208605*v1*v2^3*v2^3/4368 - 49560607*v1*v2^2*v3^4/12/208
 + 127713197*v1*v2^2*v2^4/14/2184 + 454093351*v1*v2^3*v2^3/15/4368 - 173466191*v1*v2^4*v4/15/336
 - 232561691*v1*v2^3*v15*v4/4368 - 14146471*v1*v2^3*v3^14*v4^2/546 - 14678159*v1*v2^3*v3^14*v4/2184
 - 19761215*v1*v2^3*v3^14*v4^5/312 - 14541109*v1*v2^3*v3^11*v4^6/156 + 24944371*v1*v2^3*v3^10*v4^6/156
 - 690970513*v1*v2^3*v3^9*v4^7/1456 + 998619629*v1*v2^3*v3^8*v4^8/1456
 + 761702191*v1*v2^3*v3^7*v4^9/728
 + 71916811*v1*v2^3*v3^6*v4^10/624 - 271696083*v1*v2^3*v3^5*v4^11/208 + 245401233*v1*v2^3*v3^4*v4/12/208
 - 446315383*v1*v2^3*v3^4*v4/1456 + 2503052633*v1*v2^3*v2^4*v4^14/4368 - 132072833*v1*v2^3*v3^4*v4/15/312
 + 381114887*v1*v2^3*v3^4*v4/4368 - 53721097*v1*v2^3*v3^2*v3^2/364
 - 208792589*v1*v2^3*v4^2/4368 + 197507899*v1*v2^3*v4^3/728 - 1247119*v1*v2^4*v3^4/3/78
 - 14046836*v1*v2^3*v3^4/39 - 13901359*v1*v2^3*v3^4/49/104/1092 + 146967815*v1*v2^3*v3^2*v3^5/312
 - 1524377*v1*v2^2*v3^4/5/312 - 359816761*v1*v2^11*v3^6/624 - 4142141*v1*v2^11*v4^6/39
 + 3013927153*v1*v2^10*v3^7/4368 + 334366621*v1*v2^10*v4^7/2184 - 3615314915*v1*v2^9*v3^8/4368
 - 595956607*v1*v2^9*v3^8*v4^8/2184 + 320162599*v1*v2^8*v3^9/336 + 69369305*v1*v2^8*v3^8*v4^9/312
 - 303480789*v1*v2^7*v3^10/312 - 11643901*v1*v2^7*v4^8/104 - 59262157*v1*v2^7*v3^4*v4^9/2184
 + 147444871*v1*v2^6*v3^4/4368 - 53721097*v1*v2^5*v2^3*v3^4/11/156 - 266891237*v1*v2^3*v2^3*v4^12/1092
 - 572621743*v1*v2^3*v3^4/13/728 - 99881139*v1*v2^3*v4/1092 + 205892291*v1*v2^3*v2^4*v4/546
 - 1273535905*v1*v2^3*v2^4/2368 + 3327052737*v1*v2^3*v2^3*v3^4/624 - 2263739*v1*v2^3*v2^2*v3^2*v4^2/546
 + 110040339*v1*v2^2*v2^4/12*v3^4*v3/1456 + 381060857*v1*v2^2*v1^5*v2^11*v3^4*v4/624 + 50784197*v1*v2^11*v3^4*v4/2/546
 + 27291651*v1*v2^11*v3^2*v4^2/4368 + 28962489*v1*v2^11*v3^4*v4/2/208 - 317835425*v1*v2^10*v3^5*v4/312
 + 699880099*v1*v2^10*v3^2*v4^2/4368 - 2605628611*v1*v2^10*v3^2*v4^2/308 + 5825628611*v1*v2^10*v3^4*v4/2/308
 - 146571835*v1*v2^10*v3^2*v4^4/4368 - 283380757*v1*v2^10*v3^4*v5/624 - 407565791*v1*v2^9*v3^6*v4/312
 - 992209135*v1*v2^9*v3^4*v4^2/208 + 476553335*v1*v2^9*v3^4*v4^3/624 - 52947487*v1*v2^9*v3^4*v4/2/336
 + 4110352345*v1*v2^9*v3^2*v4^5/4368 + 695301835*v1*v2^9*v3^4*v4/6/1456 - 931512837*v1*v2^8*v3^7*v4/728
 - 1984779859*v1*v2^8*v3^4*v4/4368 - 14244613133*v1*v2^8*v3^4*v4/4368 - 4127866499*v1*v2^8*v3^4*v5/4368
 - 1774687003*v1*v2^8*v3^4*v4/6/4368 - 47306341963*v1*v2^8*v3^4*v4/13/4368 + 3092586181*v1*v2^7*v3^8*v4/2184
 + 192303737*v1*v2^7*v3^4*v4/2/364 + 329856220*v1*v2^7*v3^6*v4/3/273 + 1129282433*v1*v2^7*v3^5*v4/4/312
 + 370275749*v1*v2^7*v3^4*v4/5/312 + 42312459*v1*v2^7*v3^4*v4/6/546 + 935265747*v1*v2^7*v3^2*v4/7/156
 - 1955231361*v1*v2^7*v3^2*v4/8/1456 - 1670958075*v1*v2^7*v3^2*v4/9/1456 - 230868311*v1*v2^7*v3^2*v4/8/4368
 - 2323339451*v1*v2^7*v3^4*v4/4/312 - 20564005*v1*v2^7*v3^4*v4/4/39 - 59685105*v1*v2^7*v3^4*v4/5/52
 - 72433939*v1*v2^7*v3^4*v4/6/156 - 208120967*v1*v2^7*v3^4*v4/7/156 - 34749625*v1*v2^7*v3^2*v4/8/208
 - 2752130813*v1*v2^7*v3^4*v4/9/1456 + 4420693127*v1*v2^7*v3^4*v5/10/4368 + 1340423285*v1*v2^7*v3^9*v4/2184
 + 4719214831*v1*v2^7*v3^4*v4/3/4368 + 19346966*v1*v2^7*v3^4*v4/4/4368 - 58257699*v1*v2^7*v3^2*v4/5/52
 + 2448211*v1*v2^7*v3^4*v4/6/4368 + 16083013*v1*v2^7*v3^6*v4/3/52 + 110292725*v1*v2^7*v3^5*v4/4/104
 + 66324263*v1*v2^7*v3^4*v4/5/312 + 51256821*v1*v2^7*v3^4*v4/6/52 + 30933797*v1*v2^7*v3^2*v4/7/1092
 + 130947541*v1*v2^7*v3^4*v4/8/91 - 500479511*v1*v2^7*v3^4*v4/7/128 - 4471812731*v1*v2^7*v3^4*v4/2/4368
 - 1486038895*v1*v2^7*v3^4*v4/7/4368 - 174730763*v1*v2^7*v3^5*v4/4/156 - 30399389*v1*v2^7*v3^5*v4/5/52
 - 67073441*v1*v2^7*v3^4*v4/4/6/52 - 99541141*v1*v2^7*v3^4*v4/3/156 - 35754369*v1*v2^7*v3^4*v4/2/4368
 - 358369876*v1*v2^7*v3^4*v4/9/273 + 364076337*v1*v2^7*v3^4*v4/10/273 + 721033741*v1*v2^7*v3^4*v4/2/728
 + 2353563677*v1*v2^7*v3^4*v4/3/4368 + 365252737*v1*v2^7*v3^4*v4/7/156 - 34749625*v1*v2^7*v3^2*v4/8/208
 - 68520667*v1*v2^7*v3^4*v4/5/6/52 + 15824825*v1*v2^7*v3^4*v4/7/104 + 2350922417*v1*v2^7*v3^4*v4/8/1092
 + 4416869*v1*v2^7*v3^4*v4/6/52 + 114404803*v1*v2^7*v3^4*v4/8/104 - 461850695*v1*v2^7*v3^4*v4/10/273
 - 1587459281*v1*v2^7*v3^4*v4/10/2184 - 1194527189*v1*v2^7*v3^4*v4/7/156 - 309369077*v1*v2^7*v3^6*v4/6/52

- 41960725*v^1~6*v^2~3*v^3~5*v^4~7/78 - 3306622025*v^1~6*v^2~3*v^3~4*v^8/2184 - 362326681*v^1~6*v^2~3*v^3~3*v^4~9/364
 + 10247294*v^1~6*v^2~3*v^2*v^4~10/21 - 487519121*v^1~6*v^2~3*v^3*v^4~11/312 + 646950719*v^1~6*v^2~2*v^3~12*v^4/2184
 + 35057353*k^1~6*v^2~2*v^3~11*k^4~2/728 + 4551996833*v^1~6*v^2~2*v^3~10*k^4~3/2184 + 17408371*v^1~6*v^2~2*v^3~9*k^4~4/28
 + 718891301*v^1~6*v^2~2*v^3~8*v^4~5/4368 + 3476367373*v^1~6*v^2~2*v^3~7*v^4~6/52 - 32964977*v^1~6*v^2~2*v^3~6*k^4~7/1092
 + 1271690939*v^1~6*v^2~2*v^3~5*k^4~8/78 - 1326724565*k^1~6*v^2~2*v^3~4*k^4~9/2184 + 9277475759*v^1~6*k^2~2*v^3~3*k^4~10/1092
 - 1539827431*v^1~6*v^2~2*v^3~2*k^4~11/2184 + 1348685081*v^1~6*v^2~2*v^3*k^4~12/728 - 591632253*v^1~6*v^2~3*k^4~13*k^4~1456
 - 339022977*v^1~6*v^2~v^3~12*k^4~2/1456 - 33621999*v^1~6*v^2~v^3~8*v^4~6/24 - 329838493*v^1~6*v^2~v^3~7*k^4~7/52
 - 253137205*k^1~6*v^2~v^3~9*k^4~5/1456 - 14098571*v^1~6*v^2~v^3~11*k^4~3/16 - 3757857*v^1~6*v^2~v^3~7*k^4~10*k^4~4/624
 - 1579150207*v^1~6*v^2~v^3~6*k^4~8/2184 + 1158088363*v^1~7*v^2~3*v^3*k^4~8/1092 - 451553913*v^1~7*v^2~3*v^3~2*v^4~9/1456
 + 2405886815*v^1~7*v^2~3*v^3*k^4~10/1456 - 65098723*v^1~7*v^2~2*v^3~11*k^4~18/2184 - 31522249*v^1~7*v^2~2*v^3~10*k^4~2/52
 - 351225431*v^1~7*v^2~2*v^3~9*k^4~3/728 - 2101415573*v^1~7*v^2~2*v^3~8*v^4~4/4368 - 675989915*v^1~7*v^2~2*v^3~7*k^4~5/1092
 - 208559443*v^1~7*v^2~2*v^3~6*k^4~6/1092 - 1879615519*v^1~7*v^2~2*v^3~5*k^4~7/1092 + 183967169*v^1~7*v^2~2*v^3~4*k^4~8/546
 - 2606585687*v^1~7*v^2~2*v^3~3*k^4~9/4368 + 867634639*v^1~7*v^2~2*v^3~2*k^4~10/1456 - 1483325063*v^1~7*v^2~2*v^3~4*k^4~11/624
 + 344511331*v^1~7*v^2~v^3~12*k^4~5/1456 + 967610851*v^1~7*v^2~v^3~11*k^4~2/182 + 1021901833*v^1~7*v^2~v^3~10*k^4~3/2184
 + 120689911*v^1~7*v^2~v^3*k^4~4/156 + 2545621549*v^1~7*v^2~v^3~8*v^4~5/4368 + 238937615*v^1~7*v^2~v^3~7*k^4~6/364
 + 23498607*v^1~7*v^2~v^3~6*k^4~7/28 + 28921393*v^1~7*v^2~v^3~5*k^4~8/156 + 688303699*v^1~7*v^2~v^3~4*k^4~9/4368
 + 3685952209*v^1~7*v^2~3*v^3*k^4~10/4368 + 3432076783*v^1~7*v^2~3~2*v^4~11/4368 + 4749438173*v^1~7*v^2~v^3~4*k^4~12/4368
 + 1084385383*v^1~6*v^2~13*v^3*v^4/4368 + 951617727*v^1~6*v^2~12*v^3~2*v^4/1456 + 1830675563*v^1~6*v^2~12*v^3~4*k^4~2/4368
 + 686401*v^1~6*k^2~11*v^3*k^4~12 + 4145753*v^1~6*k^2~11*v^3~2*k^4~2/1092 - 75112481*v^1~6*k^2~11*k^4~3/624
 - 117726377*v^1~6*k^2~10*v^3*k^4~4/312 + 788*v^1~6*k^2~10*v^3~3*k^4~2/91 + 340801975*v^1~6*k^2~10*v^3~2*k^4~3/1456
 + 30742627*v^1~6*k^2~10*v^3*k^4~4/624 + 1859785889*v^1~6*k^2~9*v^3*k^4~9/4368 - 675989915*v^1~7*v^2~2*v^3~4*k^4~2/1456
 + 549492291*v^1~6*k^2~9*v^3~3*k^4~3/1456 - 1006424957*v^1~6*k^2~9*v^3~2*k^4~4/1456 + 93000769*v^1~6*k^2~9*v^3~4*k^4~5/4368
 - 182358403*v^1~6*k^2~9*v^3~4*k^4~7/28 + 2135641201*v^1~6*k^2~8*v^3*k^4~5/2184 - 1349929981*v^1~6*k^2~8*v^3~4*k^4~3/2184
 + 23898752415*v^1~6*k^2~8*v^3~3*k^4~4/2184 - 774282827*v^1~6*k^2~8*v^3~2*k^4~5/2184 + 18386561655*v^1~6*k^2~8*v^3~4*k^4~6/2184
 - 124464203*v^1~6*k^2~7*v^3*k^4~3/364 - 122532217*v^1~6*k^2~7*v^3~6*k^4~2/156 - 40228063*v^1~6*k^2~7*v^3~5*k^4~3/273
 - 2221494577*v^1~6*k^2~7*v^3*k^4~4/2184 - 287923205*v^1~6*k^2~7*v^3~4*k^4~5/273 - 235360149*v^1~6*k^2~7*v^3~2*k^4~6/364
 - 232669945*v^1~6*k^2~7*v^3*k^4~7/364 + 203372375*v^1~6*k^2~6*v^4/624 + 3831523*v^1~6*k^2~6*v^3~7*k^4~2/4
 - 2737285391*v^1~8*v^2~v^3*k^4~8/4368 - 232432213*v^1~8*v^2~v^3~3*k^4~9/2184 - 8016616633*v^1~8*v^2~v^3~2*k^4~10/546
 - 225959011*v^1~8*v^2~v^3*k^4~11/168 - 184283838*v^1~7*v^2~12*v^3*k^4~4/39 + 274545137*v^1~7*v^2~11*k^3~2*k^4~2/273
 - 82558323*v^1~7*v^2~11*v^3*k^4~2/182 + 33154735*v^1~7*v^2~10*v^3*k^4~3/182 - 453548855*v^1~7*v^2~6*v^3~3*k^4~5/4368
 - 62686151*v^1~7*v^2~10*v^3*k^4~3/1092 + 2614987183*v^1~7*v^2~9*v^3~4*k^4~4/368 + 56082815*v^1~7*v^2~9*v^3~3*k^4~2/1456
 + 1061211*v^1~7*v^2~9*k^3~2*v^4~3/4 + 270862931*v^1~7*v^2~9*k^3~4*k^4~4/1992 - 1065742527*v^1~7*v^2~8*v^3~5*k^4~1/456
 + 934425029*v^1~7*v^2~8*v^3~4*k^4~2/1456 - 4068034115*v^1~7*v^2~8*v^3~3*k^4~3/4368 + 911282521*v^1~7*v^2~8*v^3~2*k^4~4/1456
 - 2773078129*v^1~7*v^2~8*v^4~5/4368 + 3518359*v^1~7*v^2~7*v^3~6*v^4~4 - 186832631*v^1~7*v^2~7*v^3~5*k^4~2/1092
 + 988853635*v^1~7*v^2~7*v^3~4*k^4~3/728 - 461951249*v^1~7*v^2~7*v^3~3*v^4~2/4184 + 54149807*v^1~7*v^2~7*v^3~2*k^4~5/52
 + 171945451*v^1~7*v^2~7*v^3*k^4~6/52 - 154998957*v^1~7*v^2~6*v^3~7*v^4~3/4368 - 393114341*v^1~7*v^2~6*v^3~6*k^4~2/1092
 - 1947521935*v^1~7*v^2~7*v^3*k^4~8/4368 - 232432213*v^1~7*v^2~10*v^3*k^4~9/2184 - 453548855*v^1~7*v^2~6*v^3~3*k^4~5/546
 - 10496411*v^1~7*v^2~6*k^2~3*k^4~6/156 - 464797971*v^1~7*v^2~6*k^2~4*k^4~7/364 + 568729523*v^1~7*v^2~5*v^3~8*v^4/624
 + 92396741*v^1~7*v^2~5*v^3~2*k^4~2/1092 - 75112481*v^1~7*k^2~11*k^4~3/624
 + 934425029*v^1~7*v^2~8*v^3~4*k^4~2/1456 - 4068034115*v^1~7*v^2~8*v^3~3*k^4~3/4368 + 911282521*v^1~7*v^2~8*v^3~2*k^4~4/1456
 - 2773078129*v^1~7*v^2~8*v^4~5/4368 + 3518359*v^1~7*v^2~7*v^3~6*v^4~4 - 186832631*v^1~7*v^2~7*v^3~5*k^4~2/1092
 + 988853635*v^1~7*v^2~7*v^3~4*k^4~3/728 - 461951249*v^1~7*v^2~7*v^3~3*v^4~2/4184 + 54149807*v^1~7*v^2~7*v^3~2*k^4~5/52
 + 171945451*v^1~7*v^2~7*v^3*k^4~6/52 - 154998957*v^1~7*v^2~6*v^3~7*v^4~3/4368 - 393114341*v^1~7*v^2~6*v^3~6*k^4~2/1092
 - 1947521935*v^1~7*v^2~7*v^3*k^4~8/4368 - 232432213*v^1~7*v^2~10*v^3*k^4~9/2184 - 453548855*v^1~7*v^2~6*v^3~3*k^4~5/546
 - 10496411*v^1~7*v^2~6*k^2~3*k^4~6/156 - 464797971*v^1~7*v^2~6*k^2~4*k^4~7/364 + 568729523*v^1~7*v^2~5*v^3~8*v^4/624
 + 92396741*v^1~7*v^2~5*v^3~2*k^4~2/1092 - 75112481*v^1~7*v^2~5*k^3~5*k^4~4/52
 + 419764159*v^1~7*v^2~5*v^3~4*k^4~5/312 + 1960694949*v^1~7*v^2~5*k^3~3*v^4~6/273 + 1731326843*v^1~7*v^2~5*k^3~2*k^4~7/1092
 + 195196577*v^1~7*v^2~5*k^3~4*k^4~8/182 - 1234723177*v^1~7*v^2~4*k^3~3*v^4~9/2184 - 3754951537*v^1~7*v^2~4*k^3~8*v^4~2/4368
 - 232779670*v^1~7*v^2~4*v^3*k^4~3/273 - 6118285*v^1~7*v^2~4*v^3~6*v^4~4/13 - 126694031*v^1~7*v^2~4*v^3~5*k^4~5/104
 - 120158875*v^1~7*v^2~4*v^3*k^4~6/728 - 4889476177*v^1~7*v^2~4*v^3~5*k^4~7/2184 + 94065353*v^1~7*v^2~4*v^3~2*k^4~8/273
 - 5925681185*v^1~7*v^2~4*v^3*k^4~9/4368 + 154683021*v^1~7*v^2~3*v^3~10*k^4~182 + 1087146681*v^1~7*v^2~3*v^3~9*k^4~2/1092
 + 3818532071*v^1~7*v^2~3*v^3*k^4~8/4368 + 521461625*v^1~7*v^2~3*v^3~7*v^4~5/456 + 168432457*v^1~7*v^2~3*v^3~6*k^4~5/156
 + 809731931*v^1~7*v^2~3*v^3~4*k^4~6/1092 - 347182833*v^1~7*v^2~3*v^3~5*k^4~7/2184 - 4688742059*v^1~7*v^2~3*v^3~4*k^4~8/4368
 - 239829919*v^1~8*v^2~8*v^3~4*k^4~2/624 - 56393375*v^1~8*v^2~8*v^3~2*k^4~3/1092 - 38782971*v^1~8*v^2~8*v^3~4*k^4~5/456
 + 100037813*v^1~8*v^2~8*v^3~4*k^4~6/1092 - 390249571*v^1~7*v^2~6*v^3~4*k^4~4/273 - 18781862521*v^1~8*v^2~7*v^3~3*k^4~3/4368
 - 5381127989*v^1~8*v^2~7*v^3~2*k^4~4/4368 + 540612923*v^1~8*v^2~7*v^3~4*k^4~5/4368 - 953424079*v^1~8*v^2~6*v^3~6*v^4/4368
 + 1040314683*v^1~8*v^2~6*k^3~5*k^4~2/1456 - 765402851*v^1~8*v^2~6*k^3~4*k^4~3/4368 - 168043377*v^1~8*v^2~5*k^3~5*k^4~6/273
 + 281051593*v^1~8*v^2~6*v^3~4*k^4~4/4368 - 1860675185*v^1~8*v^2~6*v^3~2*k^4~5/4368 + 1861943365*v^1~8*v^2~6*v^3~3*k^4~6/2184
 - 3446958493*v^1~8*v^2~5*v^3~4*k^4~4/4368 - 1538088260*v^1~8*v^2~5*v^3~6*k^4~2/1456 - 1968627971*v^1~8*v^2~5*v^3~5*v^4~3/4368
 - 605732195*v^1~8*v^2~5*k^3~4*k^4~2/1456 - 3408337725*v^1~8*v^2~5*k^3~3*k^4~4/268 + 4648990028*v^1~8*v^2~5*k^3~2*k^4~6/273
 - 341105477*v^1~8*v^2~5*k^3~4*k^4~7/546 + 391594067*v^1~8*v^2~4*k^3~3*v^4~8/1092 + 155658675*v^1~8*v^2~4*k^3~2*k^4~2/208
 + 267765499*v^1~8*v^2~4*k^3~3*k^4~6/2184 - 1596215948*v^1~8*v^2~4*k^3~3*k^4~7/288 + 6688719243*v^1~8*v^2~4*k^3~4*k^4~5/4368
 + 3631462715*v^1~8*v^2~4*k^3~4*k^4~6/2184 - 94287433*v^1~8*v^2~4*k^3~3*k^4~2/78 - 432034088*v^1~8*v^2~4*k^3~4*k^4~8/4368
 - 4172843081*v^1~8*v^2~3*k^3~4*k^4~4/4368 - 840542223*v^1~8*v^2~3*k^3~3*k^4~5/4368 - 1232873585*v^1~8*v^2~3*k^3~4*k^4~3/1456
 - 851521405*v^1~8*v^2~3*k^3~4*k^4~6/2184 - 3346166557*v^1~8*v^2~3*k^3~5*k^4~6/2184 - 2499235553*v^1~8*v^2~3*k^3~4*k^4~6/1092
 - 18106427*v^1~8*v^2~3*k^3~4*k^4~7/2184 - 337803641*v^1~8*v^2~3*k^3~2*k^4~8/4368 - 1070465407*v^1~8*v^2~2*v^3~8*v^4~3/273
 + 1495318003*v^1~8*v^2~2*k^3~2*k^4~4/4368 + 946834817*v^1~8*v^2~2*k^3~2*k^4~5/4368 + 144654079*v^1~8*v^2~2*k^3~2*k^4~6/2184
 + 746236131*v^1~8*v^2~2*k^3~3*k^4~7/4368 + 717516919*v^1~8*v^2~2*k^3~4*k^4~6/208 + 129261225*v^1~8*v^2~2*k^3~5*k^4~6/91
 + 14834405*v^1~8*v^2~2*k^3~5*k^4~7/1092 - 303503933*v^1~8*v^2~2*k^3~3*k^4~8/1456 - 94016939*v^1~8*v^2~2*k^3~2*k^4~9/2184
 + 14834405*v^1~8*v^2~1*k^3~4*k^4~6/273 + 148092480*v^1~8*v^2~2*k^3~5*k^4~7/273 + 2675701303*v^1~9*v^2~5*k^3~4*k^4~6/2184
 - 112367031*v^1~9*v^2~4*k^3~4*k^4~8/4368 - 250449584*v^1~9*v^2~4*k^3~5*k^4~2/273 - 5374606865*v^1~9*v^2~4*k^3~6*k^4~2/2184
 + 6409848871*v^1~9*v^2~4*k^3~7*k^4~4/273 - 4282067653*v^1~9*v^2~4*k^3~8*k^4~5/4368 + 1031711995*v^1~9*v^2~4*k^3~2*k^4~6/2184
 - 842188917*v^1~9*v^2~4*k^3~8*k^4~7/1456 - 1447058817*v^1~9*v^2~4*k^3~2*k^4~8/364 - 3495253269*v^1~9*v^2~2*k^3~3*k^4~9/1456
 + 627148645*v^1~9*v^2~3*k^3~4*k^4~6/2184 - 510109281*v^1~9*v^2~3*k^3~4*k^4~7/364 + 5069586853*v^1~9*v^2~3*k^3~4*k^4~8/4368
 + 3219667373*v^1~9*v^2~3*k^3~4*k^4~8/2184 - 6573521065*v^1~9*v^2~3*k^3~4*k^4~5/4368 + 239286381*v^1~9*v^2~3*k^3~5*k^4~6/182
 + 450318231*v^1~9*v^2~3*k^3~4*k^4~7/4366 + 251499841*v^1~9*v^2~3*k^3~4*k^4~8/182 + 2999066119*v^1~9*v^2~3*k^3~4*k^4~9/1456
 + 6665480671*v^1~9*v^2~3*k^3~4*k^4~10/4368 + 2834059901*v^1~9*v^2~11*v^3*k^4~4/4368 - 531403521*v^1~8*v^2~3*k^3~4*k^4~4/4368
 + 20911228023*v^1~8*v^2~10*v^3*k^4~2/4368 - 751951427*v^1~8*v^2~9*v^3*k^4~2/2184 - 92553131*v^1~8*v^2~9*v^3~2*k^4~2/728
 + 444004015*v^1~8*v^2~9*v^3*k^4~1456 + 1029142175*v^1~11*v^2~3*k^3~4*k^4~6/2184 + 534015437*v^1~11*v^2~3*k^3~5*k^4~4/312
 + 81013243*v^1~11*v^2~3*k^3~4*k^4~5/2 + 533839621*v^1~11*v^2~3*k^3~4*k^4~6/312 + 3429809379*v^1~11*v^2~3*k^3~4*k^4~7/1456
 + 55978079*v^1~11*v^2~3*k^3~4*k^4~8/364 + 20770041*v^1~10*v^2~9*v^3*k^4~3/4368 - 5554471075*v^1~10*v^2~8*v^3~2*k^4~4/4368
 + 580051529*v^1~10*v^2~8*v^3*k^4~4/4368 - 3347564489*v^1~10*v^2~7*v^3~3*k^4~4/4368 - 2877709181*v^1~10*v^2~7*v^3~2*k^4~2/4368
 - 351345347*v^1~10*v^2~7*v^3*k^4~3/2184 - 2094520159*v^1~10*v^2~6*v^3~4*k^4~4/4368 - 1058376763*v^1~10*v^2~6*v^3~3*k^4~2/1456
 + 473385469*v^1~10*v^2~5*v^3~2*k^4~3/728 - 525984931*v^1~10*v^2~5*v^3~4*k^4~6/1092 - 193171669*v^1~10*v^2~5*v^3~5*k^4~4/364
 - 2707130653*v^1~10*v^2~5*v^3~4*k^4~2/2184 - 345145795*v^1~10*v^2~5*k^3~3*k^4~3/728
 - 7181094281*v^1~10*v^2~4*k^3~4*k^4~6/4368 - 276526444*v^1~10*v^2~5*k^3~4*k^4~5/312 - 669023245*v^1~10*v^2~4*k^3~4*k^4~6/2184
 - 235636489*v^1~10*v^2~4*k^3~5*k^4~2/2184 - 68618035*v^1~10*v^2~4*k^3~4*k^4~3/168 + 620021477*v^1~10*v^2~4*k^3~3*k^4~4/4368
 - 843069505*v^1~10*v^2~4*k^3~4*k^4~5/1092 + 125860121*v^1~10*v^2~4*k^3~4*k^4~6/1092 - 274035477*v^1~10*v^2~3*k^3~4*k^4~7/2182
 - 2913805157*v^1~10*v^2~3*k^3~4*k^4~8/2184 - 2058796625*v^1~10*v^2~3*k^3~5*k^4~3/2184
 - 7323971715*v^1~10*v^2~3*k^3~4*k^4~4/4368 - 296689310*v^1~10*v^2~3*k^3~4*k^4~5/273
 - 97089130*v^1~10*v^2~3*k^3~4*k^4~6/1092 - 414643609*v^1~10*v^2~3*k^3~4*k^4~7/273 + 35291935*v^1~10*v^2~2*k^3~4*k^4~8/4368
 + 4720143421*v^1~10*v^2~2*k^3~4*k^4~2/2184 + 264612121*v^1~10*v^2~2*k^3~4*k^4~3/24 + 1518985033*v^1~10*v^2~2*k^3~4*k^4~4/4368
 + 509560691*v^1~10*v^2~2*k^3~4*k^4~5/2184 - 12828994*v^1~10*v^2~2*k^3~4*k^4~6/728 - 684497591*v^1~10*v^2~2*k^3~4*k^4~7/1456
 + 1322894215*v^1~10*v^2~2*k^3~4*k^4~8/728 - 732595807*v^1~10*v^2~2*k^3~4*k^4~9/546 - 2523159879*v^1~10*v^2~2*k^3~4*k^4~8/2146
 - 132452300*v^1~10*v^2~2*k^3~4*k^4~9/728 - 1142236903*v^1~10*v^2~2*k^3~4*k^4~10/4368 - 59821150*v^1~10*v^2~2*k^3~4*k^4~5/39
 - 18857965*v^1~10*v^2~2*k^3~4*k^4~6/13 - 7060317413*v^1~10*v^2~2*k^3~4*k^4~7/4368 - 1741679697*v^1~10*v^2~2*k^3~4*k^4~8/728
 - 6962661125*v^1~10*v^2~2*k^3~4*k^4~9/4368 - 110103853*v^1~10*v^2~2*k^3~4*k^4~10/4368 + 68965463*v^1~9*v^2~9*v^3~2*k^4~2/182
 - 378447079*v^1~9*v^2~9*v^3*k^4~2/1092 + 1446827124*v^1~9*v^2~8*v^3~3*k^4~2/273 + 39373781*v^1~9*v^2~8*v^3~2*k^4~2/182
 - 1781926019*v^1~12*v^2~2*k^3~4*k^4~2/4368 - 3540038575*v^1~12*v^2~2*k^3~4*k^4~3/4368
 - 1211788577*v^1~12*v^2~2*k^3~4*k^4~4/2182 - 52598451*v^1~12*v^2~2*k^3~4*k^4~5/104 - 205511009*v^1~12*v^2~2*k^3~4*k^4~6/4368
 - 921298117*v^1~12*v^2~2*k^3~4*k^4~2/1092 - 1037352989*v^1~12*v^2~2*k^3~4*k^4~3/1092 - 148745497*v^1~12*v^2~2*k^3~4*k^4~4/312
 - 904971703*v^1~12*v^2~2*k^3~4*k^4~5/1092 - 5205617059*v^1~12*v^2~2*k^3~4*k^4~6/4368 - 291683939*v^1~12*v^2~2*k^3~4*k^4~7/312
 - 2471980079*v^1~12*v^2~2*k^3~4*k^4~8/2184 - 27613514*v^1~12*v^2~2*k^3~4*k^4~9/39 - 373772407*v^1~12*v^2~2*k^3~4*k^4~10/4368
 - 2043629821*v^1~12*v^2~2*k^3~4*k^4~2/4368 - 23021197*v^1~12*v^2~2*k^3~4*k^4~3/2184
 - 1234937177*v

$+ 45398983*v1^11*v2^3*v3^5*v4^2/39 + 5487131011*v1^11*v2^3*v3^4*v4^3/4368$
 $+ 2430255239*v1^11*v2^3*v3^3*v4^4/2184 + 1190654159*v1^11*v2^3*v3^2*v4^5/1092$
 $+ 221991424*v1^11*v2^3*v3^4*v4^6/273 + 286206821*v1^11*v2^2*v3^7*v4/2184 + 590471899*v1^11*v2^2*v3^6*v4^2/2184$
 $+ 2177911*v1^11*v2^2*v3^5*v4^3/112 + 597248297*v1^11*v2^2*v3^4*v4^4/2184 + 328144659*v1^11*v2^2*v3^3*v4^5/728$
 $+ 1408414919*v1^11*v2^2*v3^2*v4^6/2184 - 213939683*v1^11*v2^2*v3*v4^7/208 + 6140888107*v1^11*v2^3*v3^8*v4/4368$
 $+ 3989519633*v1^11*v2^4*v3^7*v4/2184 - 167539507*v1^11*v2^3*v4/4368 - 379296761*v1^11*v2^3*v3^4/2184$
 $- 422816647*v1^16*v2^2*v3^2*v4/2184 - 16471235*v1^16*v2^2*v3*v4^3/104 + 1149608591*v1^15*v2^4*v3*v4/4368$
 $- 47086139*v1^16*v2^2*v3^2*v4^2/168 + 24990701*v1^16*v2^2*v3*v4^2/91 - 263066045*v1^16*v2^3*v3*v4/1092$
 $+ 1696178707*v1^15*v2^3*v3^2*v4/4368 + 1568816975*v1^15*v2^3*v3*v4^2/4368 + 443469567*v1^15*v2^2*v3^3*v4/1456$
 $+ 1707103505*v1^15*v2^3*v3^2*v4^2/4368 + 162996979*v1^15*v2^2*v3^4*v4^3/624 + 286570685*v1^15*v2^3*v4^4/624$
 $+ 2296913669*v1^15*v2^3*v3^3*v4^2/4368 + 2387935847*v1^15*v2^2*v3^2*v4^3/4368 + 2016852931*v1^15*v2^3*v4^4/4368$
 $- 337048949*v1^14*v2^3*v3^4*v4/1092 - 614613651*v1^14*v2^2*v3*v4^2/4368 + 176543851*v1^14*v2^4*v3*v4/364$
 $- 802257857*v1^14*v2^3*v3^3*v4/1456 - 140770021*v1^14*v2^3*v3^2*v4^2/1456 - 360919133*v1^14*v2^3*v3*v4^3/728$
 $- 175227709*v1^14*v2^2*v3^2*v4/4368 - 2304299723*v1^14*v2^2*v3*v4^2/4368$
 $- 1179039587*v1^14*v2^2*v3^2*v4^3/2184 - 47388497*v1^14*v2^2*v3*v4^4/168 - 548058419*v1^14*v2^3*v5*v4/728$
 $- 8180447*v1^14*v2^2*v3^4*v4/2181 - 602372075*v1^14*v2^3*v3*v4^3/728 - 304216711*x1^114*v2^2*v3^2*v4/4312$
 $- 236286697*v1^14*v2^3*v3^4*v4/1092 + 2304299723*v1^14*v2^2*v3*v4^2/4368 + 236286697*v1^13*v2^5*v3^2*v4/336$
 $+ 995297331*v1^13*v2^5*v3*v4^2/182 + 13423400*v1^13*v2^4*v3^3*v4/21 + 573403253*v1^13*v2^4*v3^2*v4/624$
 $+ 561492177*v1^13*v2^3*v3^4*v4/5/312 + 75528109*v1^13*v2^6*v3*v4/4368 + 1349569647*v1^13*v2^3*v3*v4^2/1456$
 $+ 1987362179*v1^13*v2^3*v3^2*v4^3/2184 + 1395054221*v1^13*v2^3*v3^2*v4/2184$
 $+ 1811023579*v1^13*v2^3*v3^2*v4^3/2184 + 217085599*v1^13*v2^2*v3^4*v4^2/364 + 391755621*v1^13*v2^2*v3^3*v4^3/728$
 $+ 1517331787*v1^13*v2^3*v3^2*v4^4/2184 + 19422941*v1^13*v2^2*v3*k4^5/182 + 358901179*v1^13*v2^3*6*v4/336$
 $+ 2882939447*v1^13*v2^3*v3^5*v4^2/2184 + 255902143*v1^13*v2^3*v4^3/2184 + 2679238199*v1^13*v2^3*v4^4/2184$
 $+ 821863901*v1^13*v2^3*v3^2*v4^5/546 + 235602799*v1^13*v2^3*v4^6/2184 - 28552775*x1^12*v2^7*v3*v4/2184$
 $- 103358447*v1^12*x2^6*v3^2*v4/104 + 223625537*v1^17*v2^3*v3/2184 + 118277347*v1^17*v2^3*v4/1092$
 $+ 38381963*v1^17*v2^3*v3^2*v4/2364 + 38495393*v1^17*v2^6*v3*v4/4368 + 11016634*x1^17*v2^3*v3^3/91$
 $+ 89658279*x1^17*v2^4*v3/728 + 16267861*v1^17*v3^3*v4/273 + 49909733*v1^17*v3^2*v4/278$
 $+ 57548709*x1^17*v3*v4/1092 + 56921*v1^21 + 197035*v1^2*x3^2*v18*v4/16 - 41158493*v1^2*x3^17*v4/2456$
 $+ 37218047*v1*x2^3*v1^4/3546 - 592167111*v1*x2^3*v15*x4/4368 + 64405582*v1*x2^3*14*v4^5/273$
 $- 1440781045*v1*x2^3*v13*x4/64368 + 846246091*v1*x2^3*v12*x4/2184 - 1489443077*v1*x2^3*11*x4^8/4368$
 $+ 91875047*v1*x2^3*v1*x2^3*x4/9/546 + 28361455*x1*x2^3*x9/10/273 - 1597266773*x1*x2^3*x8*v4/11/2184$
 $+ 1141786811*x1*x2^3*x4/12/2184 - 236286697*x1*x2^3*x6*x4/13/4368 + 37403161*x1*x2^3*x5/14/91$
 $- 54390521*x1*x2^3*x4/v4^15/208 + 302237851*x1*x2^3*x4^16/2184 - 19022725*x1*x2^3*x2*v4/17/336$
 $+ 9688477*x1*x2^3*v4/18/4368 + 116640987*x1*x2^5*x3^8*v4/7/208 + 182601283*x1*x2^5*x3^7*v4^8/4368$
 $- 14696501*x1*x2^2*x5^3*x4/10/364 - 355202717*x1*x2^5*x3^5*x4/10/364 - 1984742629*x1*x2^5*x3^4*v4/11/2184$
 $+ 129318935*x1*x2^5*x3^3*x4/12/1092 - 222475651*v1*x2^5*x3^2*x4^13/336 + 1637775511*x1*x2^5*x3*x4/14/2184$
 $- 300442195*x1*x2^4*x3^15*x4/1456 + 87008315*x1*x2^4*x3^14*x4/2/624 - 25456413*x1*x2^4*x3^13*x4^3/104$
 $+ 21791281*x1*x2^4*x3^12*x4/47/78 - 33650607*x1*x2^4*x3^11*x4/5/624 + 730273891*x1*x2^4*x3^10*x4/6/2184$
 $- 2200039327*x1*x2^4*x3^9*v4/7/4368 + 2261641289*x1*x2^4*x3^8*v4/8/4368 - 1216491469*x1*x2^4*x3^7*v4^9/1456$
 $+ 3960272053*x1*x2^4*x3^6*x4/10/4368 - 507568861*x1*x2^4*x3^5*x4/11/4368 + 331077631*x1*x2^4*x3^4*x4/12/336$
 $- 82059791*x1*x2^4*x3^3*x4/13/91 + 71340333*x1*x2^4*x3^2*x4/14/1456 - 573968035*x1*x2^4*x3^15/1456$
 $+ 194458153*x1*x2^3*x3^16*x4/2184 - 20824985*x1*x2^3*x15*x4/208 + 9674835*x1*x2^3*x3^14*x4^3/52$
 $- 38829811*x1*x2^3*x3^13*x4/156 + 6936977*x1*x2^3*x3^12*x4/5/208 - 57826355*x1*x2^3*x3^11*x4^6/546$
 $- 809834937*x1*x2^3*x3^10*x4/7/4368 + 361650427*x1*x2^3*x3^9*x4/8/4368 - 1124880881*x1*x2^3*x3^8*x4^9/1092$
 $+ 572292843*x1*x2^3*x3^7*x4/10/4368 - 5589461819*x1*x2^3*x3^6*x4/11/4368 + 5096293625*x1*x2^3*x3^5*x4/12/4368$
 $- 91713645*x1*x2^3*x3^4*x4/13/1092 + 252831185*x1*x2^3*x3^3*x4/14/4368 - 1281355119*x1*x2^3*x3^2*x4/15/4368$
 $+ 7105522*x1*x2^3*x3^4*x4/16/39 - 147499837*x1*x2^2*x3^7*x4/4368 + 15404296*x1*x2^2*x3^16*x4/2/273$
 $- 5449175*x1*x2^3*x3^4*x4/12/2184 - 1017132875*x1*x2^2*x3^14*x4/4368 - 153364013*x1*x2^2*x3^13*x4^5/364$
 $+ 2713168687*x1*x2^3*x12*x4/6/4368 - 1987510883*x1*x2^3*x11*x4/7/2184 + 5327907805*x1*x2^2*x3^10*x4/8/4368$
 $- 59552483*x1*x2^3*x12*x4/12/312 - 4546609315*x1*x2^3*x11*x4/6/2184 + 118597335*x1*x2^2*x3^4*x4/14/182$
 $+ 43520131*x1*x2^2*x3^2*x4/12/312 - 353754701*x1*x2^2*x3^2*x4^16/2184 - 108793747*x1*x2^2*x3*x4/17/1456$
 $- 1588277797*x1*x2^2*x3^3*x4/15/4368 + 3157401*x1*x2^2*x3^2*x4^15/4368 - 7076807*x1*x2^2*x3^4*x4/1456$
 $- 546225536*x1*x2^2*x3^4*x4/9/273 + 9591786361*x1*x2^2*x9*x3^10*x4/4368 + 1621355119*x1*x2^3*x3^2*x4/15/4368$
 $+ 7105522*x1*x2^3*x3^4*x4/16/39 - 147499837*x1*x2^2*x3^7*x4/4368 + 15404296*x1*x2^2*x3^16*x4/2/273$
 $- 5449175*x1*x2^3*x3^4*x4/13/91 + 71340333*x1*x2^4*x3^2*x4/14/1456 - 573968035*x1*x2^4*x3^15/1456$
 $+ 194458153*x1*x2^3*x3^16*x4/2184 - 20824985*x1*x2^3*x15*x4/208 + 9674835*x1*x2^3*x3^14*x4^3/52$
 $- 38829811*x1*x2^3*x3^13*x4/156 + 6936977*x1*x2^3*x3^12*x4/5/208 - 57826355*x1*x2^3*x3^11*x4^6/546$
 $- 809834937*x1*x2^3*x3^10*x4/7/4368 + 361650427*x1*x2^3*x3^9*x4/8/4368 - 1124880881*x1*x2^3*x3^8*x4^9/1092$
 $+ 572292843*x1*x2^3*x3^7*x4/10/4368 - 5589461819*x1*x2^3*x3^6*x4/11/4368 + 5096293625*x1*x2^3*x3^5*x4/12/4368$
 $- 91713645*x1*x2^3*x3^4*x4/13/1092 + 252831185*x1*x2^3*x3^3*x4/14/4368 - 1281355119*x1*x2^3*x3^2*x4/15/4368$
 $+ 7105522*x1*x2^3*x3^4*x4/16/39 - 147499837*x1*x2^2*x3^7*x4/4368 + 15404296*x1*x2^2*x3^16*x4/2/273$
 $- 5449175*x1*x2^3*x3^4*x4/12/2184 - 1017132875*x1*x2^2*x3^14*x4/4368 - 153364013*x1*x2^2*x3^13*x4^5/364$
 $+ 2713168687*x1*x2^3*x12*x4/6/4368 - 1987510883*x1*x2^3*x11*x4/7/2184 + 5327907805*x1*x2^2*x3^10*x4/8/4368$
 $- 59552483*x1*x2^3*x12*x4/12/312 - 4546609315*x1*x2^3*x11*x4/6/2184 + 118597335*x1*x2^2*x3^4*x4/14/182$
 $+ 43520131*x1*x2^2*x3^2*x4/12/312 - 353754701*x1*x2^2*x3^2*x4^16/2184 - 108793747*x1*x2^2*x3*x4/17/1456$
 $- 7076807*x1*x2^2*x3^4*x4/10/4368 + 2283286083*x1*x2^2*x3^3*x4/7/4368 - 948763635*x1*x2^2*x3^2*x4/8/1456$
 $- 546225536*x1*x2^2*x3^4*x4/9/273 + 9591786361*x1*x2^2*x9*x3^10*x4/4368 + 1621355119*x1*x2^3*x3^2*x4/15/4368$
 $+ 2550887857*x1*x2^2*x3^6*x4/10/4368 + 852955213*x1*x2^4*x3^5*x4/11/4368 + 331077631*x1*x2^4*x3^4*x4/12/336$
 $- 82059791*x1*x2^4*x3^4*x4/13/91 + 71340333*x1*x2^4*x3^2*x4/14/1456 - 573968035*x1*x2^4*x3^15/1456$
 $+ 194458153*x1*x2^3*x3^16*x4/2184 - 20824985*x1*x2^3*x15*x4/208 + 9674835*x1*x2^3*x3^14*x4^3/52$
 $- 38829811*x1*x2^3*x3^13*x4/156 + 6936977*x1*x2^3*x3^12*x4/5/208 - 57826355*x1*x2^3*x3^11*x4^6/546$
 $- 809834937*x1*x2^3*x3^10*x4/7/4368 + 361650427*x1*x2^3*x3^9*x4/8/4368 - 1124880881*x1*x2^3*x3^8*x4^9/1092$
 $+ 572292843*x1*x2^3*x3^7*x4/10/4368 - 5589461819*x1*x2^3*x3^6*x4/11/4368 + 5096293625*x1*x2^3*x3^5*x4/12/4368$
 $- 91713645*x1*x2^3*x3^4*x4/13/1092 + 252831185*x1*x2^3*x3^3*x4/14/4368 - 1281355119*x1*x2^3*x3^2*x4/15/4368$
 $+ 7105522*x1*x2^3*x3^4*x4/16/39 - 147499837*x1*x2^2*x3^7*x4/4368 + 15404296*x1*x2^2*x3^16*x4/2/273$
 $- 5449175*x1*x2^3*x3^4*x4/12/2184 - 1017132875*x1*x2^2*x3^14*x4/4368 - 153364013*x1*x2^2*x3^13*x4^5/364$
 $+ 2713168687*x1*x2^3*x12*x4/6/4368 - 1987510883*x1*x2^3*x11*x4/7/2184 + 5327907805*x1*x2^2*x3^10*x4/8/4368$
 $- 59552483*x1*x2^3*x12*x4/12/312 - 4546609315*x1*x2^3*x11*x4/6/2184 + 118597335*x1*x2^2*x3^4*x4/14/182$
 $+ 43520131*x1*x2^2*x3^2*x4/12/312 - 353754701*x1*x2^2*x3^2*x4^16/2184 - 108793747*x1*x2^2*x3*x4/17/1456$
 $- 7076807*x1*x2^2*x3^4*x4/10/4368 + 2283286083*x1*x2^2*x3^3*x4/7/4368 - 948763635*x1*x2^2*x3^2*x4/8/1456$
 $- 546225536*x1*x2^2*x3^4*x4/9/273 + 9591786361*x1*x2^2*x9*x3^10*x4/4368 + 1621355119*x1*x2^3*x3^2*x4/15/4368$
 $+ 2550887857*x1*x2^2*x3^6*x4/10/4368 + 852955213*x1*x2^4*x3^5*x4/11/4368 + 331077631*x1*x2^4*x3^4*x4/12/336$
 $- 82059791*x1*x2^4*x3^4*x4/13/91 + 71340333*x1*x2^4*x3^2*x4/14/1456 - 573968035*x1*x2^4*x3^15/1456$
 $+ 194458153*x1*x2^3*x3^16*x4/2184 - 20824985*x1*x2^3*x15*x4/208 + 9674835*x1*x2^3*x3^14*x4^3/52$
 $- 38829811*x1*x2^3*x3^13*x4/156 + 6936977*x1*x2^3*x3^12*x4/5/208 - 57826355*x1*x2^3*x3^11*x4^6/546$
 $- 809834937*x1*x2^3*x3^10*x4/7/4368 + 361650427*x1*x2^3*x3^9*x4/8/4368 - 1124880881*x1*x2^3*x3^8*x4^9/1092$
 $+ 572292843*x1*x2^3*x3^7*x4/10/4368 - 5589461819*x1*x2^3*x3^6*x4/11/4368 + 5096293625*x1*x2^3*x3^5*x4/12/4368$
 $- 91713645*x1*x2^3*x3^4*x4/13/1092 + 252831185*x1*x2^3*x3^3*x4/14/4368 - 1281355119*x1*x2^3*x3^2*x4/15/4368$
 $+ 7105522*x1*x2^3*x3^4*x4/16/39 - 147499837*x1*x2^2*x3^7*x4/4368 + 15404296*x1*x2^2*x3^16*x4/2/273$
 $- 5449175*x1*x2^3*x3^4*x4/12/2184 - 1017132875*x1*x2^2*x3^14*x4/4368 - 153364013*x1*x2^2*x3^13*x4^5/364$
 $+ 2713168687*x1*x2^3*x12*x4/6/4368 - 1987510883*x1*x2^3*x11*x4/7/2184 + 5327907805*x1*x2^2*x3^10*x4/8/4368$
 $- 59552483*x1*x2^3*x12*x4/12/312 - 4546609315*x1*x2^3*x11*x4/6/2184 + 118597335*x1*x2^2*x3^4*x4/14/182$
 $+ 43520131*x1*x2^2*x3^2*x4/12/312 - 353754701*x1*x2^2*x3^2*x4^16/2184 - 108793747*x1*x2^2*x3*x4/17/1456$
 $- 7076807*x1*x2^2*x3^4*x4/10/4368 + 2283286083*x1*x2^2*x3^3*x4/7/4368 - 948763635*x1*x2^2*x3^2*x4/8/1456$
 $- 546225536*x1*x2^2*x3^4*x4/9/273 + 9591786361*x1*x2^2*x9*x3^10*x4/4368 + 1621355119*x1*x2^3*x3^2*x4/15/4368$
 $+ 2550887857*x1*x2^2*x3^6*x4/10/4368 + 852955213*x1*x2^4*x3^5*x4/11/4368 + 331077631*x1*x2^4*x3^4*x4/12/336$
 $- 82059791*x1*x2^4*x3^4*x4/13/91 + 71340333*x1*x2^4*x3^2*x4/14/1456 - 573968035*x1*x2^4*x3^15/1456$
 $+ 194458153*x1*x2^3*x3^16*x4/2184 - 20824985*x1*x2^3*x15*x4/208 + 9674835*x1*x2^3*x3^14*x4^3/52$
 $- 38829811*x1*x2^3*x3^13*x4/156 + 6936977*x1*x2^3*x3^12*x4/5/208 - 57826355*x1*x2^3*x3^11*x4^6/546$
 $- 809834937*x1*x2^3*x3^10*x4/7/4368 + 361650427*x1*x2^3*x3^9*x4/8/4368 - 1124880881*x1*x2^3*x3^8*x4^9/1092$
 $+ 572292843*x1*x2^3*x3^7*x4/10/4368 - 5589461819*x1*x2^3*x3^6*x4/11/4368 + 5096293625*x1*x2^3*x3^5*x4/12/4368$
 $- 91713645*x1*x2^3*x3^4*x4/13/1092 + 252831185*x1*x2^3*x3^3*x4/14/4368 - 1281355119*x1*x2^3*x3^2*x4/15/4368$
 $+ 7105522*x1*x2^3*x3^4*x4/16/39 - 147499837*x1*x2^2*x3^7*x4/4368 + 15404296*x1*x2^2*x3^16*x4/2/273$
 $- 5449175*x1*x2^3*x3^4*x4/12/2184 - 1017132875*x1*x2^2*x3^14*x4/4368 - 153364013*x1*x2^2*x3^13*x4^5/364$
 $+ 2713168687*x1*x2^3*x12*x4/6/4368 - 1987510883*x1*x2^3*x11*x4/7/2184 + 5327907805*x1*x2^2*x3^10*x4/8/4368$
 $- 59552483*x1*x2^3*x12*x4/12/312 - 4546609315*x1*x2^3*x11*x4/6/2184 + 118597335*x1*x2^2*x3^4*x4/14/182$
 $+ 43520131*x1*x2^2*x3^2*x4/12/312 - 353754701*x1*x2^2*x3^2*x4^16/2184 - 108793747*x1*x2^2*x3*x4/17/1456$
 $- 7076807*x1*x2^2*x3^4*x4/10/4368 + 2283286083*x1*x2^2*x3^3*x4/7/4368 - 948763635*x1*x2^2*x3^2*x4/8/1456$
 $- 546225536*x1*x2^2*x3^4*x4/9/273 + 9591786361*x1*x2^2*x9*x3^10*x4/4368 + 1621355119*x1*x2^3*x3^2*x4/15/4368$
 $+ 2550887857*x1*x2^2*x3^6*x4/10/4368 + 852955213*x1*x2^4*x3^5*x4/11/4368 + 331077631*x1*x2^4*x3^4*x4/12/336$
 $- 82059791*x1*x2^4*x3^4*x4/13/91 + 71340333*x1*x2^4*x3^2*x4/14/1456 - 573968035*x1*x2^4*x3^15/1456$
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 $- 38829811*x1*x2^3*x3^13*x4/156 + 6936977*x1*x2^3*x3^12*x4/5/208 - 57826355*x1*x2^3*x3^11*x4^6/546$
 $- 809834937*x1*x2^3*x3^10*x4/7/4368 + 361650427*x1*x2^3*x3^9*x4/8/4368 - 1124880881*x1*x2^3*x3^8*x4^9/1092$
 $+ 572292843*x1*x2^3*x3^7*x4/10/4368 - 5589461819*x1*x2^3*x3^6*x4/11/4368 + 5096293625*x1*x2^3*x3^5*x4/12/4368$
 $- 91713645*x1*x2^3*x3^4*x4/13/1092 + 252831185*x1*x2^3*x3^3*x4/14/4368 - 1281355119*x1*x2^3*x3^2*x4/15/4368$
 $+ 7105522*x1*x2^3*x3^4*x4/16/39 - 147499837*x1*x2^2*x3^7*x4/4368 + 15404296*x1*x2^2*x3^16*x4/2/273$
 $- 5449175*x1*x2$

- 41407945*v^1*6*v^3*v^4*2/336 - 579793813*v^1*16*v^3*2*v^4*3/4368 - 354484883*v^1*16*v^3*v^4*4/4368
 + 418101155*v^1*5*v^2*5*v^3/1092 + 161989871*v^1*5*v^2*5*v^4/364 + 1013316359*v^1*5*v^2*4*v^3/2/2184
 + 352617397*v^1*15*v^2*4*v^4*2/728 + 957691549*v^1*15*v^2*3*v^3/2184 + 18869251*v^1*15*v^2*3*v^4*3/39
 + 839434151*v^1*15*v^2*2*v^3/4/2184 + 949824587*v^1*15*v^2*2*v^4/4/2184 + 191856493*v^1*15*v^2*v^3/5/182
 + 206943593*v^1*15*v^2*v^4*5/364 + 350752483*v^1*15*v^2*v^5/4/2184 + 215503999*v^1*15*v^3*v^4*v^4/2/1092
 + 3482806*v^1*15*v^3*v^3*v^4/3/21 + 35372203*v^1*15*v^3*v^2*v^4/4/156 + 144759847*v^1*15*v^3*v^4/5/2184
 - 24162159*v^1*14*v^2*6*v^3/4368 - 1035006977*v^1*14*v^2*6*v^4/1456 - 1111021279*v^1*14*v^2*5*v^3/2/1456
 - 490852801*v^1*14*v^2*v^4*2/624 - 2801481673*v^1*14*v^2*4*v^3/4368 - 3243512501*v^1*14*v^2*4*v^4*3/4368
 - 3077168413*v^1*14*v^2*3*v^3/4/4368 - 3533543053*v^1*14*v^2*3*v^4/4/4368 - 2406690031*v^1*14*v^2*2*v^3/5/4368
 - 781936717*v^1*14*x^3*v^4/4368 - 1060577257*v^1*14*x^5*v^4/2/4368 - 919888511*v^1*14*x^3*v^4*v^4/3/4368
 - 761035285*v^1*14*x^2*v^3*x^4/4368 - 208261723*v^1*14*x^2*v^4*x^5/624 + 40216393*v^1*14*x^3*v^4*6/624
 + 109183981*v^1*12*x^2*v^3/168 - 2146429661*v^1*13*x^2*v^7/4/2184 + 1174997987*v^1*13*x^2*v^6*v^3/2/1092
 + 472872665*v^1*13*x^2*v^6*x^4/2/4368 + 23445073*x^1*13*x^2*v^5*x^3/284 - 4477036373*v^1*13*x^2*v^5*x^4/3/4368
 + 227453164*v^1*12*x^2*v^3*x^4/2/273 + 4526094683*v^1*13*x^2*v^4*x^4/4/4368 + 2173068529*v^1*13*x^2*v^3/5/2184
 + 5077424371*v^1*13*x^2*v^3*x^4/5/4368 + 2743797029*v^1*13*x^2*v^2*x^6/4368 + 3841974127*v^1*13*x^2*v^2*x^6/4/4368
 + 86076017*x^1*13*x^2*v^3/7/624 + 2030423259*v^1*13*x^2*v^4/7/1456 - 102483557*v^1*13*x^3*v^7/4/728
 + 955305077*v^1*13*x^3*v^4*x^2/4368 + 772139471*v^1*13*x^3*v^5*x^4/3/4368 + 853816703*v^1*13*x^3*v^4*x^4/4368
 + 8899425*v^1*13*x^3*v^4*x^2/4368 + 148238233*v^1*13*x^2*v^4*6/336 - 815307947*v^1*13*x^3*v^4*x^7/2184
 - 2563303987*v^1*12*x^2*v^8*x^3/4368 - 322251298*v^1*12*x^2*v^8*x/4/273 - 1474618021*v^1*12*x^2*v^7*x^3/2/1092
 - 401109311*v^1*12*x^2*v^7*x^4/2/312 - 442648781*v^1*12*x^2*v^6*x^3/52 - 251060851*v^1*12*x^2*v^6*x^4/3/208
 - 5049813*v^1*12*x^2*v^5*x^4/52 - 778552427*v^1*12*x^2*v^5*x^4/624 - 287973371*v^1*12*x^2*v^4*x^3/5/312
 - 765700993*v^1*12*x^2*v^4*x^4/5/624 - 24878075*x^1*12*x^2*v^3*x^6/208 - 300385363*v^1*12*x^2*v^3*x^4/6/208
 - 2278253293*v^1*12*x^2*v^3*x^7/4368 - 617582833*v^1*12*x^2*v^4*x^7/624 - 2531143781*v^1*12*x^2*v^3/8/1456
 - 1058312257*v^1*12*x^2*v^4*8/624 - 61344131*v^1*12*x^3*8*v^4/1092 - 215445803*v^1*12*x^3*7*v^4/2/2184
 - 52066423*v^1*12*x^3*6*v^4/3/624 - 17303617*x^1*12*x^3*5*v^4*4/208 - 1945151*v^1*12*x^3*4*v^4*5/16
 + 92078171*v^1*12*x^3*v^4/6/624 - 1198414735*v^1*12*x^3*v^2*x^4/7/2184 + 94656895*v^1*12*x^3*v^4/8/112
 + 776603525*x^1*11*x^2*v^8*x^2/3/2184 + 544860533*v^1*11*x^2*v^9*x^4/4368 + 300385363*v^1*12*x^2*v^3*x^4/6/208
 + 350614013*v^1*11*x^2*v^8*x^4/2/273 - 115716013*x^1*11*x^2*v^7*x^3/156 - 133413453*v^1*11*x^2*v^7*x^4/3/104
 + 9325097*v^1*11*x^2*v^3*x^4/3/12 + 77101105*x^1*11*x^2*v^6*x^4/624 + 106146679*x^1*11*x^2*v^5*x^3/104
 + 62871895*x^1*11*x^2*v^5*x^4/5/48 - 466025195*x^1*11*x^2*v^4*x^3/6/624 + 59608885*x^1*11*x^2*v^4*x^4/6/48
 + 144260485*v^1*11*x^2*v^3*x^7/112 + 6729418691*v^1*11*x^2*v^3*x^4/7/4368 + 1023651409*x^1*11*x^2*v^2*x^3/8/4368
 + 4336853029*v^1*11*x^2*v^4*x^8/4368 + 4136860291*v^1*11*x^2*v^3/9/2184 + 484881892*x^1*11*x^2*v^4/9/273
 - 26734073*x^1*11*x^3*v^9*x^4/624 - 64460971*x^1*11*x^3*v^8*x^4/2/1092 - 3500687*x^1*11*x^3*v^7*x^4/3/39
 + 4446103*x^1*11*x^3*v^6*x^4/2/208 - 82184417*x^1*11*x^3*v^5*x^4/5/624 + 59039723*x^1*11*x^3*v^4*x^4/6/208
 - 19911647*x^1*11*x^3*v^3*x^4/7/39 + 2980917109*x^1*11*x^3*v^2*x^4/8/4368 - 123803816*x^1*11*x^3*v^4*x^9/91
 - 73464449*x^1*10*x^2*v^3/2/184 - 5063146675*x^1*10*x^2*v^10*x^4/4368 - 131287036*x^1*10*x^2*v^9*x^3/2/91
 - 481804772*x^1*10*x^2*v^9*x^4/2/4368 - 1873833943*x^1*10*x^2*v^8*x^3/4368 - 103415747*x^1*10*x^2*v^8*x^4/3/91
 - 520462999*x^1*10*x^2*v^7*x^4/78 - 18652719*x^1*10*x^2*v^7*x^4/156 - 5477605*x^1*10*x^2*v^6*x^3/5/104
 - 629628761*x^1*10*x^2*v^6*x^4/5/624 - 676676537*x^1*10*x^2*v^5*x^3/6/624 - 792661915*x^1*10*x^2*v^5*x^4/6/624
 - 1206403843*x^1*10*x^2*v^4*x^3/7/4368 - 340089395*x^1*10*x^2*v^4*x^4/7/336 - 5801486351*x^1*10*x^2*v^3*x^3/8/4368
 - 627031927*x^1*10*x^2*v^3*x^4/8/4368 + 113664045*x^1*10*x^2*v^2*x^3/9/728 - 166210113*x^1*10*x^2*v^2*x^4/9/182
 - 3894774757*x^1*10*x^2*v^3/10/2184 - 426322103*x^1*10*x^2*v^4*x^10/273 + 502200481*x^1*10*x^3*v^10*x^4/4368
 + 293140975*x^1*10*x^3*v^4*x^2/1456 + 41397289*x^1*10*x^3*v^8*x^4/3/2184 + 12671239*x^1*10*x^3*v^7*x^4/7/78
 + 15740897*x^1*10*x^3*v^6*x^4/5/208 + 212528927*x^1*10*x^3*v^5*x^4/6/624 - 54073213*x^1*10*x^3*v^4*x^7/312
 + 4026212591*x^1*10*x^2*v^3*x^7/112 + 6729418691*v^1*11*x^2*v^3*x^4/7/4368 + 473161464*x^1*10*x^3*v^4*x^10/273
 - 530894915*x^1*9*x^2*x^11*x^3/2184 + 1375762055*x^1*9*x^2*x^11*x^4/1456 + 194217313*x^1*9*x^2*x^10*x^3/2/156
 + 1167129659*x^1*10*x^2*v^5*x^4/2/1456 - 245656835*x^1*10*x^2*v^9*x^3/2/132 - 1312512015*x^1*9*x^2*v^9*x^4/3/1456
 + 182333673*x^1*9*x^2*v^8*x^3/4/4368 + 149863349*x^1*9*x^2*v^8*x^4/6/168 + 290950391*x^1*9*x^2*v^7*x^3/5/728
 + 65974955*x^1*9*x^2*v^7*x^4/5/728 + 1736800357*x^1*9*x^2*v^6*x^4/6/4368 + 456265777*x^1*9*x^2*v^4*x^6/624
 + 3942663339*x^1*9*x^2*v^5*x^3/7/4368 + 46396606333*x^1*9*x^2*v^5*x^4/7/4368 - 925273877*x^1*9*x^2*v^4*x^3/8/4368
 + 991903791*x^1*9*x^2*v^4*x^8/1456 + 2820891791*x^1*9*x^2*v^3*x^9/2184 + 191001379*x^1*9*x^2*v^3*x^4/9/168
 + 153330167*x^1*9*x^2*v^2*x^10/312 + 219183572*x^1*9*x^2*v^1*x^4/10/273 - 315558397*x^1*9*x^2*v^3*x^11/2184
 + 102475123*x^1*9*x^2*v^4/11/91 - 631953151*x^1*9*x^3*x^11*x^4/4368 - 11333302843*x^1*9*x^3*x^10*x^4/2/4368
 - 102864953*x^1*10*x^2*v^2*x^3/4/4368 - 356776295*x^1*10*x^2*v^3*x^4/168 - 5801486351*x^1*10*x^2*v^3*x^3/8/4368
 + 15141371*x^1*9*x^3*x^6*x^4/6/624 - 1432001087*x^1*9*x^3*x^5*x^4/7/2184 + 2019810673*x^1*9*x^3*x^4*x^8/4368
 - 951315779*x^1*9*x^2*v^2*x^4/10/546 - 497260705*x^1*9*x^3*x^4/11/273
 + 1671411691*x^1*8*x^2*v^12*x^3/4368 - 483430483*x^1*8*x^2*v^2*x^4/7/28 - 4261218119*x^1*8*x^2*v^11*x^3/2/12
 - 1118531005*x^1*8*x^2*v^11*x^4/2/2184 + 20355163*x^1*8*x^2*v^10*x^3*x^4/3/4368 - 435722019*x^1*8*x^2*v^10*x^4/3/728
 - 1853214443*x^1*8*x^2*v^9*x^3/4/4368 - 229431079*x^1*8*x^2*v^9*x^4/4/364 + 11999123*x^1*8*x^2*v^8*x^3/5/84
 - 2217426611*x^1*8*x^2*v^8*x^4/5/4368 - 265868003*x^1*8*x^2*v^7*x^3/6/364 - 102243461*x^1*8*x^2*v^7*x^4/6/1456
 + 479089211*x^1*8*x^2*v^6*x^3/7/182 - 35892711*x^1*8*x^2*v^6*x^4/7/364 - 6810898*x^1*8*x^2*v^5*x^3/8/7
 - 910647761*x^1*8*x^2*v^5*x^4/8/1092 + 225173611*x^1*8*x^2*v^4*x^3/9/336 - 1510825165*x^1*8*x^2*v^4*x^4/9/4368
 - 744318157*x^1*8*x^2*v^3*x^4/10/624 - 35833801*x^1*8*x^2*v^3*x^4/10/48 + 3177903*x^1*8*x^2*v^2*x^3/11/48
 - 298897877*x^1*8*x^2*v^2*x^4/11/4368 - 1456268345*x^1*8*x^2*v^3*x^12/1456 + 502200481*x^1*8*x^3*v^10*x^4/4368
 + 75337091*x^1*8*x^2*v^3*x^12*x^4/546 + 43138357*x^1*8*x^2*v^3*x^12*x^4/10/546 - 74709743*x^1*8*x^2*v^3*x^11/273
 - 487947373*x^1*8*x^3*v^9*x^4/2/4368 + 20051621*x^1*8*x^3*v^8*x^4/5/1456 + 5700708451*x^1*8*x^3*v^7*x^4/9/1456
 - 294465877*x^1*8*x^3*v^6*x^4/7/1456 + 142459835*x^1*8*x^3*v^5*x^4/8/156 - 3673908649*x^1*8*x^3*v^4*x^9/4368
 + 2251078351*x^1*8*x^3*v^4*x^2/10/1456 + 232159205*x^1*7*x^2*x^11*x^4/1456 + 703031551*x^1*8*x^3*v^4*x^12/4368
 - 135970859*x^1*7*x^2*x^13*x^3/364 + 18938669*x^1*7*x^2*x^4/4/1456 + 17170879*x^1*7*x^2*x^3/2/104
 + 125173501*x^1*7*x^2*x^10*x^3/4/52 + 225173611*x^1*7*x^2*x^11*x^3/3/313 - 2315846731*x^1*7*x^2*x^11*x^4/3/624
 + 19598231*x^1*7*x^2*x^10*x^3/4/52 + 178928419*x^1*7*x^2*x^10*x^4/6/624 - 110680393*x^1*7*x^2*x^9*x^3/5/546
 + 1810779911*x^1*7*x^2*x^9*x^4/5/4368 + 23032361*x^1*7*x^2*x^8*x^4/6/182 + 54159589*x^1*8*x^3*x^10*x^4/3/312
 + 487947373*x^1*8*x^3*v^9*x^4/2/4368 + 20051621*x^1*8*x^3*v^8*x^4/5/1456 + 5700708451*x^1*8*x^3*v^7*x^4/9/1456
 - 2251078351*x^1*8*x^3*v^6*x^4/7/1456 + 142459835*x^1*8*x^3*v^5*x^4/8/156 - 3673908649*x^1*8*x^3*v^4*x^9/4368
 - 135970859*x^1*7*x^2*x^13*x^3/364 + 18938669*x^1*7*x^2*x^4/4/1456 + 17170879*x^1*7*x^2*x^3/2/104
 + 125173501*x^1*7*x^2*x^10*x^3/4/52 + 225173611*x^1*7*x^2*x^11*x^3/3/313 - 2315846731*x^1*7*x^2*x^11*x^4/3/624
 + 19598231*x^1*7*x^2*x^10*x^3/4/52 + 178928419*x^1*7*x^2*x^10*x^4/6/624 - 110680393*x^1*7*x^2*x^9*x^3/5/546
 + 1810779911*x^1*7*x^2*x^9*x^4/5/4368 + 23032361*x^1*7*x^2*x^8*x^4/6/182 + 54159589*x^1*8*x^3*x^10*x^4/3/312
 + 487947373*x^1*8*x^3*v^9*x^4/2/4368 + 20051621*x^1*8*x^3*v^8*x^4/5/1456 + 5700708451*x^1*8*x^3*v^7*x^4/9/1456
 - 2251078351*x^1*8*x^3*v^6*x^4/7/1456 + 142459835*x^1*8*x^3*v^5*x^4/8/156 - 3673908649*x^1*8*x^3*v^4*x^9/4368
 - 135970859*x^1*7*x^2*x^13*x^3/364 + 18938669*x^1*7*x^2*x^4/4/1456 + 17170879*x^1*7*x^2*x^3/2/104
 + 188839*x^1*7*x^2*x^10*x^4/2/1456 + 300951*x^2*x^20*x^3/208 + 1451209*x^1*7*x^2*x^19*x^4/1456 - 28572959*x^1*7*x^2*x^3/2/4368
 - 2730487*x^1*7*x^2*x^17*x^3/4/624 - 204874115*x^1*7*x^2*x^13*x^4/3/4368 + 2924643*x^1*7*x^2*x^18*x^4/3/208 - 107937233*x^1*7*x^4*x^4/1456
 - 2331163*x^1*7*x^2*x^17*x^4/624 - 2294310383*x^1*7*x^2*x^18*x^4/1456 - 204874115*x^1*7*x^2*x^19*x^4/1456
 - 16558947*x^1*7*x^2*x^18*x^4/7/78 + 3295547035*x^1*7*x^2*x^12*x^3/9/2184 + 37864265*x^1*7*x^2*x^14*x^4/9/208 - 1664773637*x^1*7*x^2*x^13*x^4/1456
 - 1082189893*x^1*7*x^2*x^17*x^4/624 - 1182189893*x^1*7*x^2*x^18*x^4/1456 - 305789231*x^1*7*x^2*x^19*x^4/1456
 - 112870217*x^1*7*x^2*x^14*x^4/14368 + 59191959*x^1*6*x^3*x^12/624 - 14644343*x^1*6*x^2*x^3*x^4/12/624
 - 13552419*x^1*6*x^3*x^2*x^4/3/14368 + 50716959*x^1*6*x^3*x^11*x^4/26 - 21139559*x^1*6*x^3*x^10*x^4/5/312
 + 719485567*x^1*6*x^3*x^9*x^4/6/2184 + 41877721*x^1*6*x^3*x^8*x^4/6/2184 - 107937233*x^1*6*x^3*x^4*x^4/1456
 + 35539891*x^1*7*x^4*x^18/1456 - 28572959*x^1*7*x^4*x^19/4368 + 300951*x^3*x^4*x^20/208 - 11894109*x^1*4*x^17/208
 + 6824813*x^1*7*x^3*x^2*x^18/624 - 2494345*x^1*7*x^3*x^18/624 + 12400415*x^1*7*x^4*x^13/1456 - 28572959*x^1*7*x^2*x^19/4368
 + 1353543*x^1*7*x^2*x^19/456 - 8133771*x^1*7*x^2*x^19/456 + 1040855*x^1*7*x^2*x^20/1456 + 50787*x^1*7*x^2*x^20/112
 + 188839*x^1*7*x^2*x^10*x^4/20/1456 + 300951*x^2*x^20*x^3/208 + 1451209*x^1*7*x^2*x^19*x^4/1456 - 28572959*x^1*7*x^2*x^3/2/4368
 - 2730487*x^1*7*x^2*x^17*x^4/12/208 + 372898473*x^1*7*x^2*x^18*x^3/13/4368 - 17558947*x^1*7*x^2*x^17/13/78 - 512857561*x^1*7*x^2*x^16*x^4/1092
 + 14619493*x^1*7*x^2*x^17*x^4/14/728 + 41187721*x^1*7*x^2*x^18*x^3/14/4368 + 14619493*x^1*7*x^2*x^19*x^4/1456 - 28572959*x^1*7*x^2*x^18*x^4/1456
 + 2924643*x^1*7*x^2*x^17*x^4/18/208 - 2681195*x^1*7*x^2*x^19*x^3/19/4368 - 2730487*x^1*7*x^2*x^18*x^4/19/4368 + 603675*x^1*7*x^2*x^17/20/1456
 + 1451209*x^1*7*x^2*x^20/1456 + 603675*x^3*x^20*x^4/1456 - 2681195*x^3*x^19*x^4/2/4368 - 2567553*x^3*x^18*x^4/3/1456
 + 25152181*x^1*7*x^2*x^17*x^4/15/4368 - 78413039*x^1*7*x^2*x^18*x^4/5/1092 - 512857561*x^1*7*x^2*x^19*x^4/7/1092
 + 372898473*x^1*7*x^2*x^13*x^4/8/4368 - 39494595*x^1*7*x^2*x^12*x^4/9/312 + 3221394997*x^1*7*x^2*x^14/14/4368
 - 1768023995*x^1*7*x^2*x^15*x^4/15/4368 - 4600177*x^1*7*x^2*x^14*x^4/1456 - 3564105*x^1*7*x^2*x^13*x^4/1456 - 3752643*x^1*7*x^2*x^12*x^4/1456
 - 26532041*x^1*7*x^2*x^18*x^3/6/24 - 18042827*x^1*7*x^2*x^18*x^3/6/24 - 20956439*x^1*7*x^2*x^18*x^3/6/24 - 13246551*x^1*7*x^2*x^15*x^4/5/2
 - 42010463*x^1*7*x^2*x^16*x^3/5/312 - 135351731*x^1*7*x^2*x^16*x^4/5/78 + 5359367*x^1*7*x^2*x^16*x^4/6/112 + 302548615*x^1*7*x^2*x^15*x^4/6/1456
 + 541599763*x^1*7*x^2*x^15*x^4/6/1456 - 556265971*x^1*7*x^2*x^14*x^4/7/2184 - 364768739*x^1*7*x^2*x^13*x^4/7/1456 - 8508055*x^1*7*x^2*x^14*x^4/7/2184
 + 228078711*x^1*7*x^2*x^12*x^4/2/2184 + 47930985*x^1*7*x^2*x^13*x^4/3/2184 + 1893141941*x^1*7*x^2*x^14*x^4/8/2184
 - 767776915*x^1*7*x^2*x^9/6/2184 - 431843725*x^1*7*x^2*x^9/3/2184 + 4762364127*x^1*7*x^2*x^11*x^4/9/4368 + 60224833*x^1*7*x^2*x^11*x^4/2/10/48
 - 3215327*x^1*7*x^2*x^10*x/4/4368 - 575354883*x^1*7*x^2*x^11*x^4/10/4368 - 53349719*x^1*7*x^2*x^10*x/4/4368 + 9978577*x^1*7*x^2*x^11*x/4/4368

+ 14501055305*v^1*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 - 16656223051*v1^3*v2*v3*11*v4^8/39312
+ 40406754521*v1^3*v2*v3*10*v4^9/39312 - 7664124829*v1^3*v2*v3*9*v4^10/39312
- 64493025055*v1^3*v2*v3*8*v4^11/9828 + 382497713*v1^3*v2*v3*7*v4^12/42 - 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
+ 9939946979*v1^3*v2*v3*17*v4^3/13104 + 160565393*v1^3*v2*v3*3*v4^6/112 - 124934858201*v1^5*v2*v3*7*v4^3/19656
- 55250788007*v1^3*v2*v3*8*v4^5/13104 - 75614710813*v1^5*v2*v3*8*v4^6/39312
- 171931253993*v1^5*v2*v3*3*v4^7/39312 + 134152853629*v1^5*v2*v3*7*v4^8/39312
+ 1674857869*v1^5*v2*v3*7*v4^8/1104 + 22682742857*v1^5*v2*v3*7*v4^6/9828
+ 160577283397*v1^5*v2*v3*7*v4^8/39312 - 17262523661*v1^5*v2*v3*9*v4^7/19656
+ 2872580191*v1^5*v2*v3*2*v4^8/3276 - 148253590003*v1^5*v2*v3*2*v4^7/39312
+ 129144133015*v1^5*v2*v3*2*v4^6*v4^10/39312 - 2566565515*v1^5*v2*v3*5*v4^11/624
+ 35315939651*v1^5*v2*v3*2*v4^4/12/9828 - 1043223407*v1^5*v2*v3*2*v4^3*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
+ 235657643007*v1^5*v2*v3*11*v4^6/39312 - 877247431*v1^5*v2*v3*10*v4^7/13104
+ 12905687359*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
+ 655809762767*v1^5*v2*v3*6*v4^11/39312 + 6847365701*v1^5*v2*v3*5*v4^12/2808
- 3757167233*v1^5*v2*v3*4*v4^13/2808 + 716288915*v1^5*v2*v3*4*v4^13/12 - 1008972845*v1^5*v3*13*v4^5/9828
+ 266491117*v1^4*v2*v3*3*v4^14/819 - 1065651695*v1^4*v2*v3*2*v4^5/2808
+ 1637604025*v1^4*v2*v3*2*v4^11/6152 - 3593479957*v1^4*v2*v3*2*v4^10/47914
+ 17009850215*v1^4*v2*v3*3*v4^8/9828 - 18467635985*v1^4*v2*v3*2*v4^8/9828
+ 15242092157*v1^4*v2*v3*2*v4^7/10/4368 - 18755671931*v1^4*v2*v3*2*v4^6/11/5616
- 1313197739*v1^4*v2*v3*5*v4^12/364 - 119640750227*v1^4*v2*v3*4*v4^13/39312
+ 136147524733*v1^4*v2*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 + 24089475463*v1^4*v2*v3*9*v4^9/19656
- 10854853927*v1^4*v2*v3*8*v4^10/13104 - 4309001329*v1^4*v2*v3*7*v4^11/9828
+ 48895782389*v1^4*v2*v3*6*v4^12/39312 - 12200813447*v1^4*v2*v3*5*v4^13/6552
+ 9259400855*v1^4*v2*v3*8*v4^14/16552 - 8596250771*v1^4*v2*v3*7*v4^15/1656 - 117239092*v1^3*v2*14*v4^6/351
+ 200723266333*v1^3*v2*v3*13*v4^5/19656 - 4619105735*v1^3*v2*v3*12*v4^6/4914 + 23057437*v1^3*v2*v3*4*v4^7/36
+ 101567327*v1^3*v2*v3*12*v4^6/56 - 10612193219*v1^3*v2*v3*12*v4^7/4914 - 85688096999*v1^3*v2*v3*2*v4^8/9828
+ 13177471249*v1^3*v2*v3*11*v4^2/47/4914 + 7947370247*v1^3*v2*11*v4^3/8/2184
+ 184891144851*v1^3*v2*v3*11*v4^4/9/19656 - 32943054737*v1^3*v2*v3*10*v4^2/8/13104
+ 207591116597*v1^3*v2*v3*10*v4^3/9/39312 - 2089124231*v1^3*v2*v3*2*v4^10/3024
+ 26052974399*v1^3*v2*v3*3*v2*v4^9/13104 + 19379859973*v1^3*v2*v3*9*v4^10/3024 + 21650689*v1^3*v2*v3*9*v4^11/84
+ 243995604959*v1^3*v2*v3*8*v4^10/39312 - 136049656417*v1^3*v2*v3*8*v4^11/19656
+ 206810165*v1^3*v2*v3*8*v4^12/756 - 96395644999*v1^3*v2*v3*7*v4^11/19656 + 18902172941*v1^3*v2*v3*7*v4^12/2808
+ 126699284055*v1^3*v2*v3*7*v4^13/19656 + 70992334853*v1^3*v2*v3*6*v4^12/39312
+ 216926954533*v1^3*v2*v3*6*v4^13/39312 + 3172773771*v1^3*v2*v3*6*v4^14/39312
+ 9318427777*v1^3*v2*v3*5*v4^12/39312 + 52210377655*v1^3*v2*v3*5*v4^14/13104
+ 28737719587*v1^3*v2*v3*4*v4^15/39312 + 31962957511*v1^3*v2*v3*4*v4^14/13104
+ 108433104475*v1^3*v2*v3*4*v4^15/39312 + 3308068003*v1^3*v2*v3*4*v4^16/5616
+ 58868392159*v1^3*v2*v3*3*v2*v4^15/39312 + 1587036085*v1^3*v2*v3*3*v4^16/1008
+ 4680621133*v1^3*v2*v3*4*v4^17/13104 + 4454600831*v1^3*v2*v3*2*v4^16/39312
+ 29995527275*v1^3*v2*v3*2*v4^17/39312 + 17851906961*v1^3*v2*v3*2*v4^18/9828 - 528661487*v1^3*v2*v3*2*v4^17/1008
+ 11343148891*v1^3*v2*v3*3*v4^18/39312 - 21789082971*v1^3*v2*v3*4*v4^19/39312 + 468459013*v1^2*v2*20*v3/19656
+ 133385743*v1^2*v2*20*v4/19656 - 68024751*v1^2*v2*19*v3/2/104 - 882635441*v1^2*v2*19*v3/4*2457
+ 38724739*v1^2*v2*19*v4^2/1512 + 6534513785*v1^2*v2*18*v3^2/3/39312 + 2295164593*v1^2*v2*18*v3^2*v4/39312
+ 4013677225*v1^2*v2*18*v3^2/4/39312 + 136244749/v1^2*v2*18*v3^4/2457 - 14128051697*v1^2*v2*17*v3^4/39312
+ 36397460999*v1^2*v2*17*v3^4/2/39312 - 2324089795*v1^2*v2*17*v3^2*v4/2/13104
- 2723710163*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*v3*5*v4^7*v4^8/6552 + 35661650993*v1^3*v2*v3*6*v4^6/39312
+ 57288551725*v1^3*v2*v3*5*v4^8/10/19656 + 164995579*v1^3*v2*v3*5*v4^3/12/336
+ 19606006207*v1^3*v2*v3*4*v3/13*v4^3/19656 - 10584106025*v1^3*v2*v3*4*v3/11*v4^5/9828
+ 4926847651*v1^3*v2*v3*4*v3^10*v4^6/6552 - 55345652656*v1^3*v2*v3*4*v3^6*v4^4/9828
+ 524952595*v1^3*v2*v3*4*v3^8*v4^8/6552 - 2448254995*v1^3*v2*v3*4*v3^7*v4^9/1092
+ 12623177279*v1^3*v2*v3*4*v3^6*v4^10/5616 - 60550195325*v1^3*v2*v3*5*v4^11/13104
- 165023155879*v1^3*v2*v3*4*v3^4/13/39312 - 358720787*v1^3*v2*v3*3*v4^4/756
+ 4310293385*v1^3*v2*v3*12*v4^5/4368 - 1030256597*v1^3*v2*v3*2*v4^6/9828
+ 95320709*v1^3*v2*v3*10*v4^7/4914 + 3647090705*v1^3*v2*v3*9*v4^8/3276
- 13132645675*v1^3*v2*v3*3*v4^9/9828 + 16745314283*v1^3*v2*v3*3*v4^7*v4^10/6552
+ 110978253713*v1^3*v2*v3*2*v4^3/13/39312 + 20616115867*v1^3*v2*v3*2*v4^5/39312
+ 129402137377*v1^1*v2*v3*3*v4^3/39312 + 175144741163*v1^1*v2*v3*3*v4^4/39312
- 27204876029*v1^1*v2*v3*4*v3^4/13104 - 63564174191*v1^1*v2*v3*5*v4^13/13104
+ 90431123533*v1^1*v2*v3*4*v3^4/13/39312 + 2156091725*v1^1*v2*v3*3*v4^6/9828
+ 2514096017*v1^1*v2*v3*5*v4^3/3276 + 646037395*v1^1*v2*v3*5*v4^4/3/39312
+ 195330253545*v1^1*v2*v3*3*v3^4/39312 + 244640695165*v1^1*v2*v3*5*v3^4*v4^5/39312
+ 978672839*v1^2*v2*10*v3*v4^3/10/168 + 3201710465*v1^1*v2*v3*11/504 - 8138865547*v1^1*v2*v3*10/1512
+ 67705477*v1^1*v2*v3*2*v4^5/40450 + 135518397293*v1^1*v2*v3*5*v4^9/39312 - 61351854529*v1^1*v2*v3*4*v4^9/39312
+ 36352808903*v1^8*v2*7*v3^8/13104 + 3483614899*v1^8*v2*6*v3^8*v4/468 + 2676593517*v1^7*v2*v3^7/13104
- 12905217799*v1^7*v2*8*v3^7*v4/39312 - 182898571*v1^6*v2*11*v3^6/108 + 8905703*v1^4*v2*v4^18/84
+ 129516074979*v1^3*v2*v3*6*v4^13/39312 + 149413729179*v1^3*v2*v3*5*v4^4/5616 + 1604115995*v1^3*v2*15*v4^5/13104
- 677199853*v1^3*v2*v3*14*v4^2/2814 - 370388944591*v1^3*v2*v3*5*v4^5/19656
+ 18533565941*v1^5*v2*9*v3^6*v4^3/2888 - 6805838699*v1^5*v2*8*v3^6*v4/4336
+ 49790825407*v1^5*v2*7*v3^6*v4^5/9828 + 18697285559*v1^5*v2*7*v3^4*v4^7/4914
+ 5438780699*v1^5*v2*6*v3^6*v4^6/351 + 4930279057*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
+ 5660421650959*v1^5*v2*4*v3^6*v4^8/39312 + 72123219551*v1^5*v2*3*v3^12*v4^4/39312
+ 53502408219*v1^5*v2*3*v3*6*v4^9/4914 + 4797575*v1^2*v2*11*v3^5*v4^3/216
+ 624110661331*v1^4*v2*10*v3*v4^5/43108 - 4424157871*v1^4*v2*v3*5*v4^5/214
+ 1694215036311*v1^4*v2*2*v3*8*v4^5/39312 + 403163080023*v1^4*v2*8*v3^4*v4/9828
+ 6295559194*v1^4*v2*7*v3^5*v4^5/47 - 24381882973*v1^4*v2*6*v3^7*v4^6/9828
+ 171889469501*v1^4*v2*2*v3*6*v4^5/39312 + 59101258981*v1^4*v2*5*v3^9*v4^5/39312
+ 324864577*v1^4*v2*5*v3^5*v4^9/168 + 106142747051*v1^4*v2*4*v3*11*v4^4/39312
+ 215603498672*v1^4*v2*4*v3^5*v4^10/39312 + 2993575763*v1^4*v2*3*v3*13*v4^3/3024
- 39122183819*v1^4*v2*v3*3*v5^4/19656 + 5072094467*v1^3*v2*v3*13*v4^4/39312
+ 145446406141*v1^3*v2*v3*12*v4^4/9828 + 11951555381*v1^3*v2*v3*11*v4^5/3276
+ 38920517413*v1^3*v2*v3*10*v3*v4/6/13108 + 70734262981*v1^3*v2*v3*9*v4^4/79656
+ 2039626132731*v1^3*v2*v3*8*v4^3/9828 + 16454573089*v1^3*v2*v3*7*v4^6/9828
+ 43837915967*v1^3*v2*v3*8*v4^8/19656 - 61890162433*v1^3*v2*v3*7*v4^5/9828
+ 942178130514*v1^3*v2*v3*6*v4^6/39312 - 163143848983*v1^3*v2*v3*5*v4^7/39312
+ 219647549873*v1^3*v2*v3*4*v3^4/9828 + 606331425227*v1^3*v2*v3*7*v4^5/9828
+ 2275709623612*v1^3*v2*v3*7*v4^3/19656 + 606331425227*v1^3*v2*v3*7*v4^5/9828
+ 15257055499*v1^3*v2*7*v3^7*v4^10/692 - 114016738447*v1^3*v2*7*v3^5*v4^8/39312
+ 72466420165*v1^3*v2*7*v3^3*v4^10*v4^10/13108 - 32148633677*v1^3*v2*6*v3^9*v4^5/19656
+ 3141237311*v1^3*v2*6*v3*10*v4^4/19656 - 15021027599*v1^3*v2*6*v3^9*v4^5/288
+ 42808844454*v1^3*v2*6*v3^4/79828 + 78840850765*v1^3*v2*5*v3^8*v4^7/73276
+ 100060575311*v1^3*v2*5*v3^5*v4^9/2184 - 235851287245*v1^3*v2*6*v3^2*v4/11/39312
+ 506207267*v1^3*v2*5*v3^12*v4^3/3024 - 122286139*v1^3*v2*5*v3*11*v4^4/216
- 3894492029*v1^3*v2*5*v3^8*v4^6/3276 + 1087994975*v1^3*v2*5*v3^8*v4^7/73276
+ 16822820161*v1^3*v2*5*v3^4/13/10814 + 78923340313*v1^3*v2*5*v3^4/10*v4^5/19656
+ 283236340251*v1^3*v2*5*v3^4/11/19656 - 11416390633*v1^3*v2*4*v3*12*v4^4/13104
+ 56104832459*v1^3*v2*4*v3^4/12/19656 + 324312474071*v1^3*v2*3*v3*14*v4^3/39312
+ 5443574010*v1^3*v2*3*v3*2*v4^3/19656 - 100646284229*v1^2*v2*9*v3*3*v4^9/19656
+ 25916935087*v1^2*v2*3*v3*5*v4^8/6552 - 172029171*v1^2*v2*7*v3^7*v4^7/18 + 331879013*v1^2*v2*6*v3*9*v4^6/63
+ 79977413*v1^2*v2*5*v3*11*v4^5/104 + 13688906606*v1^2*v2*4*v3*13*v4^4/2457
+ 317100977*v1^2*v2*3*v3*15*v4^5/13/152 - 7705852523*v1^2*v2*3*v3*4*v4^6/6552
+ 1944606373447*v1^2*v2*3*v3*8*v4^3/39312 + 36758629717*v1^2*v2*6*v3^4*v4^6/6552
+ 2844925953*v1^2*v2*5*v3^5*v4^5/13104 + 15305812993*v1^2*v2*4*v3*7*v4^4/4368
+ 52649188801*v1^2*v2*3*v3*9*v4^3/13/1084 + 2285460389*v1^2*v2*7*v3^2*v4^7/504
+ 12341476911*v1^2*v2*6*v3^4/14/19656 + 1730340141397*v1^2*v2*5*v3*8*v4^3/39312
+ 6412274437*v1^2*v2*5*v3*6*v4^5/13/1084 - 34427405731*v1^2*v2*4*v3*8*v4^4/13104
+ 192385306513*v1^2*v2*6*v3^7*v4^3/156 - 58473535043*v1^2*v2*7*v3*3*v4^7/2457 + 5690664402*v1^2*v2*6*v3^7*v4^4/117
+ 3277583947*v1^2*v2*6*v3^5*v4^6/782 - 18707065291*v1^2*v2*5*v3*7*v4^5/9828
+ 3263211901*v1^2*v2*6*v3^2*v4^2/2904 - 52847136620*v1^2*v2*3*v4^2/3774/106/1944

- 26334902807*v1^6*v2^3*v3^11*v4^3/13104 + 518567195*v1^6*v2^3*v3^7*v4^7/4914 - 2484936925*v1^20*v2^3*v4/39312
 - 5761541*v1^2*v2^3*v3^19*v4/126 + 39758815*v1*v2^20*v3*v4/5616 + 727893781*v1*v2^3*20*v4/39312
 - 6299759611*v1^6*k*v4/17/9828 + 22130291*v1^5*k*v4/18/78 - 1393220539*v1^4*k*v4/19/13104
 + 1308660511*v1^3*k*v4/20/39312 - 17129*v1^2*k*v4/21/2 + 1845143*v1^4*k*v4/22/1008 - 1813255*v1^22*v4/504
 + 13220462*v1^21*v4/2/819 - 746756993*v1^20*k*v4/13104 + 722601595*v1^19*k*v4/4/3468 - 1133526817*v1^18*v4/5/2808
 + 11045303707*v1^17*v4/6/13104 - 53486912*v1^16*k*v4/7/351 - 73544002791*v1^14*k*v4/9/2184
 - 4647281921*v1^12*k*v4/11/1008 + 1523738533*v1^11*k*v4/12/336 - 749400217*v1^10*k*v4/13/189
 + 17233804451*v1^9*k*v4/14/5616 - 4563852491*v1^8*k*v4/15/2184 - 205196071*v1^18*v3^5/702 - 371299*v1^22*v2/84
 - 939977855*v1^20*k*v2^3/13104 - 1499430505*v1^18*k*v2^5/2808 - 13223125075*v1^16*k*v2/7/6552
 + 40821137839*v1^15*k*v2^8/13104 - 3403467770*v1^14*k*v2^9/819 + 2425129445*v1^13*k*v2^10/504
 - 6993270505*v1^11*k*v2^11/144 + 1441069495*v1^11*k*v2^12/336 - 2516552579*v1^10*k*v2^13/756
 + 89651012435*v1^9*k*v2^14/39312 - 1134880595*v1^8*k*v2^15/819 + 29441331145*v1^7*k*v2^16/39312
 - 7081497935*v1^6*k*v2/17/19656 + 35898899*v1^5*k*v2^18/234 - 2267520691*v1^4*k*v2^19/39312
 + 1045528275*v1^3*k*v2/20/5616 - 4204255*v1^2*k*v2^21/819 + 10162005*v1^v2^22/1008 + 691487*v1^v3^22/1008
 + 277591*v2*k^3/22/504 + 277591*v3^22*k/504 - 1522165*v3^21*k*v4/2/1872 - 73607425*v3^20*v4/3/19656
 - 37740985*v3^19*k*v4/4/1092 - 656477233*v3^18*k*v4/4/368 + 18132624469*v3^17*k*v4/6/39312
 - 2782343111*v3^16*k*v4/7/2457 + 6817298017*v3^15*k*v4/8/3024 - 1366886491*v3^14*k*v4/9/364
 + 53651017099*v3^13*k*v4/10/1008 - 155394013*v3^12*k*v4/11/24 + 34253110487*v3^11*k*v4/12/504
 - 18655889519*v3^10*k*v4/13/3024 + 1903553253519*v3^9*k*v4/14/39312 - 32220120553*v3^8*v4/15/9828
 + 24998321821*v3^7*k*v4/16/13104 - 11545847*v3^6*k*v4/17/126 + 15746616191*v3^5*k*v4/18/39312
 - 1398652109*v3^4*k*v4/19/9828 + 103484287*v3^3*k*v4/20/2457 - 44539087*v3^2*k*v4/21/4368 + 293465*v3*v4/22/144
 - 1630589*v3^21*k*v4/2/504 - 1155487*v3^21*k*v4/1/24 + 341529*v2^21*k*v4/1/1872
 - 3560550211*v1^6*k*v2/14*v4/9828 + 2472174869*v1^6*k*v2/13*x3*v4/3/4368 - 2637975229*v1^6*k*v2/13*v4/9828
 - 18229094213*v1^6*k*v2^12*x3*v2*k/4/6552 + 3826166047*v1^6*k*v2^12*x3*v4/4/3024 - 220973071*v1^6*k*v2^12*v4/5/702
 - 330386951*v1^6*k*v2^11*x3*v4/4/108 - 10583866903*v1^6*k*v2^11*x3*v4/5/39312
 + 17348323091*v1^6*k*v2^10*x3^2*k/v4/5/19656 - 51845357*v1^6*k*v2^10*k*v4/7/5616 - 603418601*v1^6*k*v2^9*x3*v4/7/468
 - 41659829971*v1^6*k*v2^9*x3*v4/8/39312 + 26614527*v1^6*k*v2^8*x3^2*v4/7/3024 + 3382507933*v1^6*k*v2^8*x3*v4/8/936
 + 3228327389*v1^6*k*v2^8*x3*v4/9/5616 - 15265766471*v1^6*k*v2^7*x3^2*v4/8/39312 - 41201557571*v1^6*k*v2^7*x3*v4/9/9828
 - 3173923315*v1^6*k*v2^7*x3^2*v4/16*x3/39312 + 669397901*v1^6*k*v2^6*x3^2*v4/3/39312 + 24335148337*v1^13*x2^4*v3^3*x4/3/9828
 + 26622269593*v1^11*x3^2*x3*v4/4/6552 - 8427770299*v1^12*x2^5*x3^3*x4/3/3024
 - 24840092783*v1^12*x2^4*x3*k/4/9828 - 104837177171*v1^12*x2^3*x3^2*x4/4/19656
 - 21770945153*v1^12*x2^3*x3^2*x4/5/5616 + 2973509830*v1^11*x2^6*x3^3*x4/3/2457
 + 53622502405*v1^11*x2^5*x3^4*v4/3/13104 + 6110400809*v1^11*x2^5*x3^3*v4/4/2457
 + 5349807595*v1^11*x2^3*x4^2*v4/5/19656 + 101259916*v1^11*x2^4*x3^3*x4/5/273
 + 2724082595*v1^11*x2^3*x3^5*x4/4/504 + 183919662455*v1^11*x2^3*x3^4*v4/5/39312
 + 7785121945*v1^11*x2^3*x3^4*x4/6/19656 - 4415481832*v1^10*x2^7*x3^3*x4/3/2457
 - 71780601271*v1^10*x2^6*x3^4*x4/5/5616 - 8457272365*v1^10*x2^6*x3^3*x4/4/19656
 - 4882669211*v1^10*x2^5*x3^4*x4/3/19656 - 227935743337*v1^10*x2^5*x3^4*x4/4/39312
 - 5110017547*v1^10*x2^4*x3^6*k/v4/3/39312 - 27972365269*v1^10*x2^4*x3^4*x4/5/39312
 + 16309929863*v1^10*x2^4*x3^3*x4/6/6552 - 2296000981*v1^10*x2^3*x3^6*k/v4/4/364
 - 20265408797*v1^10*x2^3*x3^5*k/v4/5/4368 - 11887181321*v1^6*x2^3*x3^4*v13/2457
 + 22578903833*v1^6*x2^3*x3^4*v4/14/39312 - 6266191651*v1^6*x2^2*x3^2*x4/13/2184
 + 147296140957*v1^6*x2^2*x3^2*x4/16*x3/39312 - 17920043683*v1^6*x2^2*x3^2*x4/15/19656
 + 34161271565*v1^6*x2^3*x3^2*x4/14/19656 - 11031843829*v1^6*x2^3*x3^14/4914 + 137251003*v1^6*x2^4*v16/19656
 + 4994297*v1^5*k*v2^15*x3^2*x4/4/3432 + 188874335*v1^5*k*v2^14*x3^4/9828 + 6057431*v1^5*k*v2^14*x4/108
 + 71618008825*v1^5*k*v2^13*x3^2*x4/3/39312 - 23899939865*v1^5*k*v2^13*x3^4*v4/3/39312
 - 344977391*v1^5*k*v2^12*x3^2*x4/4/702 - 242722057*v1^5*k*v2^12*x4/6/936 - 4291976285*v1^5*k*v2^11*x3*v4/6/3276
 + 65461326591*v1^5*k*v2^11*x4/7/9828 - 1972955065*v1^5*k*v2^10*x3^2*x4/6/1872 - 111579124191*v1^5*k*v2^10*x3*x4/7/4368
 - 23455521745*v1^5*k*v2^9*x4/8/39312 + 4287677203*v1^5*k*v2^9*x2*k/v4/7/1512 + 67528847651*v1^5*k*v2^9*x3*x4/8/19656
 + 35466219575*v1^5*k*v2^9*x4/9/39312 - 23695892761*v1^5*k*v2^8*x3^2*v4/8/13104 - 52397575495*v1^5*k*v2^8*x3*v4/9/9828
 - 1628082857*v1^5*k*v2^8*x4/10/3024 + 54490747913*v1^5*k*v2^7*x3^2*x4/9/19656 + 18001454011*v1^5*k*v2^7*x3*v4/10/3024
 + 6948782/*1^5*k*v2^7*x4/11/168 - 1249897501*v1^5*k*v2^6*x3^2*x4/10/2457 - 84484384961*v1^5*k*v2^6*x3*v4/11/13104
 + 1167756469*v1^5*k*v2^6*x4/12/5616 - 2300275931*v1^5*k*v2^5*x3^2*x4/11/2184
 + 123137611853*v1^5*k*v2^5*x3^2*x4/12/19656 - 5785117979*v1^5*k*v2^5*x4/13/1456
 + 91963476805*v1^5*k*v2^4*x3^2*x4/8/39312 - 5096948732*v1^5*k*v2^4*x3^4*v4/13/819
 + 3995134105*v1^5*k*v2^4*x3^2*x4/13/39312 - 1383518716*v1^5*k*v2^3*x3^2*x4/13/2457 + 80672777*v1^7*k*v2^5*x4/11/2
 + 32852441*v1^7*k*v2^3*x4/13/756 + 113702696255*v1^7*k*v2^3*x2^3*x4/13/39312 - 901941122833*v1^7*k*v2^2*x3*x4/13/19656
 + 47873671883*v1^7*k*v2^2*x4/14/39312 - 342121609239*v1^7*k*v2^4*x3/11/39312
 + 2366804389*v1^7*k*v2^4*x3^2*x4/17/2184 + 3427050967*v1^7*k*v2^3*x3^2*x4/11/702 + 213862015531*v1^7*k*v2^3*x3*x4/12/39312
 + 32852441*v1^7*k*v2^3*x4/13/756 + 113702696255*v1^7*k*v2^3*x2^3*x4/13/39312 - 901941122833*v1^7*k*v2^2*x3*x4/13/19656
 + 47873671883*v1^7*k*v2^2*x4/14/39312 - 62485848449*v1^7*k*v2^3*x2^2*x4/13/39312 + 16760588665*v1^7*k*v2^3*x4/14/4914
 + 2572191689*v1^7*k*v2^4*x3/15/5616 + 3530153615*v1^5*k*v2^3*x3^2*x4/15/2457 + 25768947649*v1^5*k*v2^3*x4/16/19656
 - 2583360761*v1^5*k*v2^4*x4/17/19656 + 282539467*v1^4*x2^16*x3/5/5616 - 112742126471*v1^4*x2^15*x3*x4/3/39312
 - 2381777539*v1^4*x2^14*x3^2*x4/13/6552 - 197410877*v1^4*x2^14*x3^2*x4/15/2457 - 37801016815*v1^4*x2^13*x3*x4/5/39312
 - 4459933093*v1^4*x2^13*x3^4*x4/16/19656 + 11803059817*v1^4*x2^12*x3^2*x4/5/13104
 + 45396453291*v1^4*x2^13*x3^4*x4/16/3276 + 1543572031*v1^4*x2^12*x4/7/4914 - 7240662423*v1^4*x2^11*x3^2*x4/6/546
 - 40644743221*v1^4*x2^11*x3^4*x4/19656 - 449903902*v1^4*x2^11*x4/8/819 + 4189386847*v1^4*x2^10*x3^2*x4/7/39312
 + 127814758471*v1^4*x2^10*x3*v4/8/39312 + 23233080085*v1^4*x2^10*x4/9/39312
 - 48347425488*v1^4*x2^9*x3^2*x4/8/4/2457 - 109207805571*v1^4*x2^9*x3^4/9/9828 - 614944315*v1^4*x2^9*x4/10/1008
 + 28860574961*v1^4*x2^8*x3^2*x4/9/19656 + 16203883123*v1^4*x2^8*x3^4/10/3024 + 6750530*v1^4*x2^8*x4/11/21
 - 57160032515*v1^4*x2^7*x3^2*x4/10/39312 - 560382166999*v1^4*x2^7*x3^2*x4/11/9828
 + 18250352515*v1^4*x2^7*x4/12/19656 - 8937712255*v1^4*x2^6*x3^2*x4/11/39312
 + 2201335956491*v1^4*x2^13*x3^4*x4/12/39312 - 17353046485*v1^4*x2^12*x3^4*x4/12/39312
 + 1642096201*v1^4*x2^9*x3^2*x4/12/1092 - 1800069305*v1^4*x2^9*x3^5*x4/13/364 + 24191804173*v1^4*x2^5*x4/14/39312
 - 1766339671*v1^4*x2^8*x3^2*x4/13/756 + 165557121739*v1^6*k*v2^4*x3^2*x4/13/39312
 - 31235085491*v1^4*x2^4*x4/15/39312 + 53057236753*v1^4*x2^3*x3^2*x4/14/39312
 - 98495546855*v1^4*x2^3*x3^2*x4/15/39312 + 2122620771*v1^4*x2^3*x3^4/16/39312
 - 5255189365*v1^4*x2^3*x3^2*x4/16/9828 + 2107156113*v1^4*x2^2*x3^4/16/1456 - 897792859*v1^4*x2^2*x4/17/2457
 + 9091055621*v1^4*x2^3*x3^2*x4/16/9828 - 124252525817*v1^6*k*v3*x4/11/19656
 - 1556645419*v1^6*k*v2^5*x3^2*x4/12/5616 - 19099146571*v1^6*k*v2^4*x3^2*x4/11/13104 + 802766297*v1^6*k*v2^4*x3*x4/12/104
 - 41444794553*v1^6*k*v2^4*x4/13/39312 - 22563129685*v1^6*k*v2^3*x3^2*x4/12/13104 + 303779305*v2^2*x3^2*x4/10/39312
 + 150126196007*v1^5*k*v2^3*x3^2*x4/14/39312 - 28470187451*v1^5*k*v2^3*x3^2*x4/15/39312
 + 10826598973*v1^5*k*v2^2*x3^2*x4/14/39312 - 10914332355*v1^5*k*v2^2*x3^2*x4/15/4368
 + 12311951657*v1^5*k*v2^1*x3^2*x4/16/19656 + 3510679157*v1^5*k*v4/8/1456 + 2530951971*v1^21*x3*x2/13104
 - 3737699994*v1^9*x3^18*x4/4/466 - 2808649985*v1^9*x3^9*x4/5/2184 - 5274350435*v1^9*x3^8*x4/6/19656
 - 2196783985*v1^9*x3^7*x4/7/13104 + 3545070605*v1^9*x3^6*x4/8/39312 + 388343919191*v1^9*x3*x4/10/13104
 - 35695636705*v1^9*x3^6*x4/11/6552 + 6649772945*v1^9*x3^2*x4/12/1456 - 87735809465*v1^9*x3*x4/13/13104
 + 941977371*v1^8*x3^4*x4/12/2457 + 98265930163*v1^8*x3^13*x4/2/13104 + 172090441191*v1^8*x3^12*x4/3/39312
 + 40740285971*v1^8*x3^4*x4/14/39312 - 41751257303*v1^8*x3^6*x4/9/19656 + 172287771603*v1^8*x3^5*x4/10/39312
 - 76932351469*v1^8*x3^4*x4/11/19656 + 1935784561*v1^8*x3^3*x4/12/351 - 8196717383*v1^8*x3^2*x4/13/1872
 + 68270015293*v1^8*x3^4*x4/14/13104 - 4192961945*v1^7*x3^5*x4/19656 - 1404465203*v1^7*x3^4*x4/12/3024
 - 12252683921*v1^7*x3^3*x4/13/39312 - 746380801*v1^7*x3^2*x4/18/1872 - 14971663729*v1^7*x3^1*x4/5/39312
 - 4926611*v1^7*x3^2*x4/18/312 + 2161369403*v1^7*x3^2*x4/17/4828 - 5877872961*v1^7*x3^2*x4/9/1872
 + 47143373261*v1^7*x3^2*x4/10/13104 - 103119881691*v1^7*x3^2*x4/11/19656 + 88255410431*v1^7*x3^4*x4/12/19656
 - 483073057971*v1^7*x3^2*x4/13/39312 + 1092142131133*v1^7*x3^2*x4/14/3024 - 68510850991*v1^7*x3^2*x4/15/19656
 + 8809749459*v1^6*x3^16*x4/6/6552 + 78250365657*v1^6*x3^15*x4/5/39312 + 4087085783*v1^6*x3^14*x4/3/19656
 + 768528497*v1^6*x3^16*x4/3/3276 - 17453141*v1^6*x3^12*x4/5/466 - 309876187*v1^6*x3^10*x4/7/504
 + 5364666253*v1^6*x3^9*x4/8/3024 - 52260938*v1^6*x3^8*x4/9/21 + 464692297*v1^6*x3^7*x4/10/1008
 - 1576612789*v1^6*x3^6*x4/11/336 + 30502068341*v1^6*x3^5*x4/12/5616 - 493969923*v1^6*x3^4*x4/13/112
 + 5068282613*v1^6*x3^4*x4/14/13104 - 68986929*v1^6*x3^2*x4/15/273 - 3364347197*v1^5*x3^2*x4/14/39312
 - 43014395*v1^5*x3^16*x4/2/1404 - 6455506201*v1^5*x3^15*x4/3/39312 - 8587094*v1^5*x3^14*x4/4/351
 + 39859055*v1^5*x3^12*x4/6/234 - 3266678815*v1^5*x3^11*x4/7/39312 + 60539706145*v1^5*x3^10*x4/8/39312
 - 18926145425*v1^5*x3^9*x4/9/6552 + 1656546801979*v1^5*x3^8*x4/10/39312 - 3692346855*v1^5*x3^7*x4/11/728
 + 330470285*v1^5*x3^8*x4/12/624 - 198338572169*v1^5*x3^7*x4/13/39312 + 20981348705*v1^5*x3^6*x4/14/5616
 - 52754719487*v1^5*x3^3*x4/15/19656 + 4380984029*v1^5*x3^2*x4/16/2808 - 38845271425*v1^5*x3^4*x4/17/39312
 + 1900574279*v1^4*x3^18*x4/4/39312 - 133138885*v1^4*x3^17*x4/2/6552 + 1098785*v1^4*x3^16*x4/3/16
 - 1694325631*v1^4*x3^14*x4/5/4914 - 700572433*v1^4*x2^3*x4/10/168 + 17788958825*v1^4*x2^5*x4/9/5616
 - 82334757823*v1^4*x2^7*x4/8/39312 + 11507528761*v1^4*x2^9*x4/7/9828 - 682447883*v1^4*x2^11*x4/6/1512
 + 3429286141*v1^4*x2^13*x4/5/9828 - 286553363*v1^4*x2^15*x4/4/1872 - 247320923*v1^4*x2^17*x4/3/5616
 - 609593651*v1^4*x2^11*x4/11/126 - 799789679*x1^4*x2^11*x4/11/126 + 4094849849*x1^4*x2^3*x4/10/756
 - 66766478945*v1^4*x2^9*x4/9/19656 + 29075151737*v1^4*x2^8*x3^7*x4/8/9828 + 550141999*x2^7*x3^9*x4/7/3276
 + 800311987*v1^2*x6^3*x3^11*x4/6/378 + 391652737*v1^2*x5*x3^13*x4/5/2808 + 13890856373*x2^4*x3^15*x4/4/19656
 + 52706999*x2^3*x3^13*x4/6/1638 - 5626909*x2^2*x3^19*x4/2/702 - 1298620129*v1^4*x3^13*x4/6/1638
 - 16986289753*v1^4*x3^12*x4/7/13104 + 1510213539*v1^4*x3^11*x4/8/728 - 7085480036*v1^4*x3^10*x4/9/2457
 + 151399613579*v1^4*x3^9*x4/10/39312 - 7448387833*v1^4*x3^8*x4/11/1638 + 96580274369*v1^4*x3^7*x4/12/19656

$- 6699586431*v1^4*v3^6*v4^13/1456 + 150258530587*v1^4*v3^5*v4^14/39312 - 12691679123*v1^4*v3^4*v4^15/4914$
 $+ 6907211695*v1^4*v3^3*v4^16/4368 - 1168939055*v1^4*v3^2*v4^17/1456 + 96767195*v1^4*v3*v4^18/234$
 $- 11297593*v1^4*v3*v4^21/1008 + 18826403*v1^21*v3*v4/1456 + 5752947055*v1^13*v3^9*v4/39312$
 $+ 8914779995*v1^13*v3^8*v4^2/19656 + 619481455*v1^13*v3^7*v4^3/2184 + 15974734795*v1^13*v3^6*v4^4/39312$
 $+ 448987607*v1^13*v3^5*v4^5/4368 + 919348033*v1^13*v3^4*v4^6/1008 - 9651581889*v1^13*v3^3*v4^7/19656$
 $+ 17028119893*v1^13*v3^2*v4^8/9828 - 140602239931*v1^13*v3*v4^9/39312 + 10072973725*v1^14*v3*v4^8/5616$
 $+ 1860017473*v1^10*v3^4/12/252 + 78785731051*v1^6*v3^4*v4^16/39312 + 21509831813*v1^17*v2^3*v4^3/19656$
 $+ 10161476639*v1^17*v2^2*v3*v4^3/13104 + 42176229091*v1^17*v2^2*v4^4/39312$
 $+ 43479456415*v1^17*v2^3*v2^4/39312 + 10286761315*v1^17*v2^3*v4^4/9828 + 7475408923*v1^17*v2*v4^5/5616$
 $- 76726966949*v1^16*v2^4*v4^3/39312 - 275040476599*v1^16*v2^3*v3*v4^3/19656 - 26200994663*v1^16*v2^3*v4^4/13104$
 $- 57854783059*v1^16*v2^2*v3^2*v4^3/39312 - 6215514041*v1^16*v2^2*v3*v4^4/4914$
 $- 37574016149*v1^16*v2^2*v4^5/19656 - 1524461751*v1^16*v2^2*v3^2*v4^4/6552 - 74517420517*v1^16*v2*v3*v4^5/39312$
 $- 12332133053*v1^16*v2^4*v4^6/4914 + 36497420227*v1^9*v2^3*v4^5/9828 + 39351446389*v1^9*v2^3*v7*v4^6/9828$
 $+ 677795272731*v1^9*v2^3*v3^4*v4^7/19656 + 78128872279*v1^9*v2^3*v5^4*v4^8/19656$
 $+ 247671645149*v1^9*v2^3*v4^9/39312 + 3131019289*v1^9*v2^3*v3^4*v4^10/702 - 5008735085*v1^9*v3^5*v4^9/1404$
 $+ 66897425909*v1^8*v2^2*v3^2*v4^3/104*v3^2/39312 + 702246833*v1^8*v2^2*v3^9*v4^4/273$
 $+ 23353491439*v1^8*v2^2*v3^8*v4^5/13104 + 14119887239*v1^8*v2^2*v3^7*v4^6/39312$
 $+ 26938215977*v1^8*v2^2*v3^6*v4^7/39312 - 13427261011*v1^8*v2^2*v3^4*v4^9/13104$
 $+ 219402801515*v1^8*v2^2*v3^3*v3^4*v4^10/19656 - 371271362793*v1^8*v2^3*v3^4*v4^9/13104$
 $- 18246801827*v1^8*v2^3*v3^10*v4^4/6552 - 73230618763*v1^8*v2^3*v3^9*v4^5/39312$
 $- 19776407517*v1^8*v2^3*v3^8*v4^6/5616 - 38842210103*v1^8*v2^3*v7*v4^7/19656 - 23551213729*v1^8*v2*v3^6*v4^8/9828$
 $- 12836160313*v1^8*v2^3*v3^5*v4^9/4914 - 168921598043*v1^8*v2^3*v4^4*v4^10/39312$
 $- 7554818243*v1^8*v2^3*v3^4*v4^11/19656 + 6825659653*v1^6*v2^2*v3^12*v4^3/756$
 $+ 10323961769*v1^6*v2^2*v3^11*v4^4/6552 + 928752857*v1^6*v2^2*v3^2*v4^5/4368$
 $- 162160511*v1^6*v2^2*v3^8*v4^7/189 + 13994347033*v1^6*v2^2*v3^7*v4^8/3024$
 $- 7991437331*v1^6*v2^2*v3^6*v4^9/3024 + 11613715565*v1^6*v2^2*v3^5*v4^9/10/3024$
 $- 9748387991*v1^6*v2^2*v3^4*v4^9/11/3024 - 3082856868337*v1^6*v2^2*v3^3*v4^5/39312$
 $- 8757308675*v1^6*v2^2*v3^13*v4^3/6552 - 2875244717*v1^6*v2^3*v3^12*v4^4/6552 - 9923977615*v1^6*v2*v3^11*v4^5/19656$
 $- 42455526907*v1^6*v2^3*v3^10*v4^6/39312 - 6508471070*v1^6*v2^3*v4^7/1456 - 3951976781*v1^6*v2*v3^8*v4^8/3276$
 $- 1492195919*v1^6*v2^3*v3^7*v4^9/187 + 15298273769*v1^6*v2^3*v6^4/10/39312$
 $- 27851098193*v1^6*v2^3*v3^5*v4^9/11/3024 + 229085417*v1^6*v2^3*v4^4*v4^12/3024$
 $- 16074888479*v1^6*v2^2*v3^4*v4^15/13104 + 2137036373*v1^6*v3^11*v4/378 - 1181772807*v1^5*v2^2*v3^13*v4^3/19656$
 $- 12221433985*v1^5*v2^2*v3^12*v4^4/13104 - 2474736497*v1^5*v2^2*v3^10*v4/6/2457 - 57733103*v1^3*v2^2*v3^18/1456$
 $- 6912151439*v1^3*v2^2*v3^17*v4/39312 + 5876909177*v1^3*v2^2*v3^16*v4^2/6552 - 5488178*v1^3*v2^3/19/2457$
 $+ 4171786615*v1^3*v2^3*v3^18*v4^2/39312 - 1861759183*v1^3*v2^3*v7*v4^2/13104$
 $- 8614836585*v1^2*v2^2*v3^17*v4^2/13104 + 10558763*v1^2*v2^2*v3^20/1872 + 40468969*v1^2*v3^20*v4/4368$
 $+ 593903533*v1^2*v2^2*v3^2*v4^7/2457 - 19213515179*v1^18*v2^3*v4^3/39312 - 1700631589*v1^18*v2*v4^8/2808$
 $- 1256253449*v1^18*v2^2*v4^3/2457 - 4683868771*v1^7*v2^3*v3^4*v7/1456 + 3206175047*v1^6*v2^10*v3*v4/4368 - 187545606783*v1^5*v2^12*v3*v4^5/39312$
 $+ 3096452431*v1^4*v2^3*v4^14*v3*v4^4/3276 - 21559743437*v1^9*v2^4*v3*v4^9/13104 + 39578715773*v1^8*v2^6*v3*v4^8/13104$
 $- 193238281*v1^10*v2^2*v3^4*v4^10/156 - 9793143349*v1^9*v2^4*v3*v4^9/13104 + 28564898057*v1^8*v2^3*v3^5*v4^7/9828$
 $- 9153041543*v1^8*v2^3*v3^4*v4^8/6552 - 11611623889*v1^8*v2^3*v3^3*v4^9/3276$
 $+ 26348786899*v1^8*v2^3*v3^4*v4^8/13104 - 325129867*v1^7*v2^10*v3*v4^3/728$
 $+ 1419296165*v1^7*v2^9*v3^4*v4^3/936 + 60573685*v1^7*v2^9*v3^3*v4^4/36 - 6049885055*v1^7*v2^8*v3^5*v4^3/1638$
 $+ 17184566135*v1^7*v2^8*v3^4*v4^7/19656 - 1056614893*v1^7*v2^8*v3^3*v4^5/273$
 $+ 1078603223*v1^7*v2^7*v3^7*v4^2/1008 + 1011390276555*v1^7*v2^7*v3^6*v4^3/19656$
 $+ 587077739*v1^7*v2^7*v3^5*v4^2/4914 + 8084216311*v1^7*v2^7*v3^4*v4^5/13104$
 $+ 230120985*v1^7*v2^7*v3^6*v4^6/3276 - 1647000821*v1^7*v2^6*v3^5*v4^4/914 - 1552529844*v1^7*v2^6*v3^6*v4^4/91$
 $- 14040595999*v1^7*v2^6*v3^5*v4^5/3276 - 43558671991*v1^7*v2^6*v3^3*v4^7/6552$
 $+ 6483265163*v1^7*v2^3*v3^4*v4^8/6552 - 6611623889*v1^8*v2^3*v3^3*v4^9/3276$
 $+ 27413883011*v1^8*v2^5*v3^2*v4^8/13104 + 19281429473*v1^8*v2^5*v3^4*v4^7/9828$
 $+ 23463944099*v1^8*v2^4*v3^6*v4^5/13104 + 27604607063*v1^8*v2^4*v3^5*v4^6/4914$
 $+ 1899989531*v1^8*v2^4*v3^4*v4^7/19656 - 4071011669*v1^8*v2^4*v3^3*v4^8/2184$
 $- 42916856197*v1^8*v2^3*v3^8*v4^4/9828 - 38375221721*v1^8*v2^3*v3^7*v4^5/13104$
 $- 21457259253*v1^8*v2^3*v3^6*v4^6/3276 - 28564898057*v1^8*v2^3*v3^5*v4^7/9828$
 $- 9153041543*v1^8*v2^3*v3^4*v4^8/6552 - 11611623889*v1^8*v2^3*v3^3*v4^9/3276$
 $+ 26348786899*v1^8*v2^3*v3^4*v4^8/13104 - 325129867*v1^7*v2^10*v3*v4^3/728$
 $+ 1419296165*v1^7*v2^9*v3^4*v4^3/936 + 60573685*v1^7*v2^9*v3^3*v4^4/36 - 6049885055*v1^7*v2^8*v3^5*v4^3/1638$
 $+ 17184566135*v1^7*v2^8*v3^4*v4^7/19656 - 1056614893*v1^7*v2^8*v3^3*v4^5/273$
 $+ 1078603223*v1^7*v2^7*v3^7*v4^2/1008 + 1011390276555*v1^7*v2^7*v3^6*v4^3/19656$
 $+ 587077739*v1^7*v2^7*v3^5*v4^2/4914 + 8084216311*v1^7*v2^7*v3^4*v4^5/1638$
 $+ 230120985*v1^7*v2^7*v3^6*v4^6/3276 - 1647000821*v1^7*v2^6*v3^5*v4^4/914 - 1552529844*v1^7*v2^6*v3^6*v4^4/91$
 $- 14040595999*v1^7*v2^6*v3^5*v4^5/3276 - 43558671991*v1^7*v2^6*v3^3*v4^7/6552$
 $+ 6483265163*v1^7*v2^3*v3^4*v4^8/6552 - 6611623889*v1^8*v2^3*v3^3*v4^9/3276$
 $+ 27413883011*v1^8*v2^5*v3^4*v7/1456 + 3206175047*v1^6*v2^10*v3*v4/4368 - 187545606783*v1^5*v2^12*v3*v4^5/39312$
 $+ 3096452431*v1^4*v2^3*v4^14*v3*v4^4/2457 - 21559743437*v1^9*v2^4*v3*v4^9/13104 + 39578715773*v1^8*v2^6*v3*v4^8/13104$
 $- 12961247417*v1^7*v2^3*v3^6*v4^9/1872 + 86942599409*v1^7*v2^3*v4^10/39312$
 $+ 18607879999*v1^7*v2^3*v4^11/9828 + 60635690983*v1^7*v2^3*v5*v4^12/19656 - 48579883051*v1^7*v3^9*v4^7/39312$
 $+ 666832417*v1^3*v3^18*v4^2/19656 + 1057060373*v1^3*v3^16*v4^4/13104 - 6168114793*v1^3*v3^15*v4^5/39312$
 $+ 739325793*v1^3*v3^4*v4^16/19656 - 11787876557*v1^3*v3^13*v4^7/13104 + 33645843767*v1^3*v3^12*v4^8/19656$
 $- 10934175199*v1^3*v3^11*v4^9/39312 + 5558045391*v1^3*v3^10*v4/10/1456 - 1179124743*v1^3*v3^9*v4^11/2457$
 $+ 15766836235*v1^3*v3^2*v4^18/6552 - 9763213475*v1^3*v3^7*v4^13/2184 + 47579291519*v1^3*v3^6*v4^14/13104$
 $- 508404851*v1^3*v3^2*v4^18/6552 - 902762687*v1^2*v3^18*v4^3/19656 - 520369249*v1^2*v3^17*v4^4/9828$
 $+ 525166051*v1^2*v3^13*v4^6/2808 + 106740802819*v1^2*v3^15*v4^6/19656 - 861920819*v1^2*v3^14*v4^7/1512$
 $+ 7806984217*v1^2*v3^13*v4^8/5616 - 50657058847*v1^2*v3^12*v4^9/19656 + 1178134667*v1^2*v3^11*v4/10/3024$
 $- 14846900291*v1^2*v3^19*v4^11/3024 + 207405696797*v1^2*v3^9*v4^12/39312 - 27258176945*v1^2*v3^8*v4^13/5616$
 $+ 7234207847*v1^2*v3^7*v4^14/1872 - 104823510793*v1^2*v3^6*v4^15/39312 - 86261509*v1^2*v3^5*v4^16/54$
 $- 1524316769*v1^2*v3^4*v4^17/1872 + 3502765039*v1^2*v3^3*v4^18/9828 - 366421463*v1^2*v3^2*v4^19/2808$
 $- 858923113*v1^2*v3^19*v4^3/19656 + 446998565*v1^2*v3^18*v4/4/39312 - 3573714203*v1^3*v3^17*v4^5/13104$
 $+ 783497857*v1^3*v3^16*v4/6/13104 - 23556469699*v1^3*v3^15*v4^7/19656 - 4814699897*v1^9*v2^2*v3^6*v4^4/6368$
 $- 887340283*v1^9*v2^2*v3^2*v4^3/39312 - 15790773727*v1^9*v2^2*v3^4*v4^7/9828$
 $+ 157796706203*v1^9*v2^3*v3^10*v4^3/39312 + 40635376309*v1^9*v2^3*v3^9*v4^4/9828$
 $- 1212073731*v1^6*v2^3*v3^4*v4^9/9828 - 14912712743*v1^5*v2^3*v3^4*v4^9/1404 - 6663758515*v1^5*v2^2*v3^5*v4^6/19656$
 $- 11231174165*v1^4*v2^15*v3^4/9828 - 2193286051*v1^4*v2^14*v3^4*v4/5616 - 1065520775*v1^3*v2^2*v3^3*v4^3/189$
 $+ 67790648455*v1^5*v2^3*v3^4*v4^3/19656 + 3263967025*v1^5*v2^3*v3^4*v4^4/9828$
 $- 92949080797*v1^4*v2^2*v3^4*v4^3/39312 - 2396601371*v1^4*v2^2*v3^3*v4^4/1456$
 $- 18199528411*v1^4*v2^3*v3^5*v4^3/39312 - 67782519955*v1^4*v2^3*v3^4*v4/13104$
 $- 17549346667*v1^4*v2^3*v3^4*v5/39312 - 72937419223*v1^3*v2^2*v3^5*v4^3/39312$
 $+ 6024919253*v1^3*v2^2*v3^4*v4^4/2457 - 793284749*v1^3*v2^2*v3^3*v4^5/6552$
 $+ 223267649737*v1^3*v2^3*v3^6*v4^3/39312 + 1089993899*v1^3*v2^3*v3^4*v4^4/182$
 $+ 6146339231*v1^3*v2^3*v3^4*v4^5/9828 + 160707870287*v1^3*v2^3*v3^4*v4^6/39312$
 $- 31967758817*v1^2*v2^2*v3^6*v4^3/39312 - 3626945902*v1^2*v2^2*v3^5*v4^4/273$
 $- 4766229395*v1^1*v2^2*v3^4*v4^5/3024 + 95362334455*v1^1*v2^2*v3^2*v3^4*v6/39312$
 $- 17292838639*v1^1*v2^2*v3^7*v4^3/2808 + 257538341191*v1^1*v2^2*v3^6*v4^4/39312$
 $- 13435596371*v1^1*v2^2*v3^5*v4^5/2184 - 51080742409*v1^1*v2^2*v3^4*v4^6/6552$
 $- 10869260999*v1^1*v2^2*v3^3*v4^7/1872 + 44422548997*v1^1*v2^3*v3^3*v4^6/13104$
 $+ 205543720477*v1^1*v2^3*v4^7/39312 + 4267052513*v1^1*v2^3*v2^2*v3^2*v4^6/1638$
 $+ 11101633219*v1^13*v2^3*v3^4*v4^5/9828 + 67636363567*v1^13*v2^2*v4^7/13104 + 16068837989*v1^13*v2^3*v2^4*v4^4/39312$
 $+ 73011924511*v1^13*v2^3*v3^4*v8/13104 + 1345980871573*v1^13*v2^3*v4^9/19656 - 1790592257*v1^11*v2^2*v3^7*v4^3/2808$
 $+ 7583958955*v1^11*v2^2*v3^6*v4^5/39312 + 55498121*v1^11*v2^2*v3^5*v4^5/2184$
 $+ 11735042291*v1^11*v2^2*v3^4*v4^6/13104 - 429633573*v1^11*v2^2*v3^3*v4^6/728 + 1198595053*v1^11*v2*v3^4*v4^7/1456$
 $+ 36973585471*v1^11*v2^2*v3^3*v4^8/6552 + 911413987*v1^11*v2^2*v3^4*v4^11/144 - 2323425947*v1^11*v3*v4^11/336$
 $+ 52527318625*v1^10*v2^2*v3^4*v4^5/39312 + 81288702637*v1^10*v2^2*v3^2*v4^7/49312$
 $+ 249125373*v1^11*v2^2*v3^8*v4^3/39312 + 444783789*v1^11*v2^2*v3^5*v4^6/728 + 1198595053*v1^11*v2*v3^4*v4^7/1456$
 $+ 370367306*v1^10*v2^2*v3^10*v4^2/63 - 15440230747*v1^10*v2^2*v3^9*v4^9/3024 - 12797310413*v1^10*v2^2*v3^8*v4^4/2048$
 $+ 1430953849641*v1^10*v2^2*v3^7*v4^8/3024 - 5538508493*v1^10*v2^2*v3^6*v4^6/108 - 7637983813*v1^10*v2^2*v3^5*v4^7/1512$
 $- 23694434917*v1^10*v2^2*v3^4*v4^8/3024 - 12744209811*v1^10*v2^2*v3^3*v4^9/452 - 426784957*v1^10*v2^2*v3^2*v4^8/10/168$
 $+ 1002569939*v1^10*v2^3*v4^4/10/218 - 2790906449*v1^10*v2^2*v3^9*v4/1456 - 41630367379*v1^10*v2^2*v3^8*v4^4/19656$
 $- 654222623*v1^9*v2^2*v3^2*v4^5/19656 + 631329175*v1^9*v2^2*v3^4/10/1512 + 650*v1^2/23$
 $+ 233729863*v1^9*v2^2*v3^11/126 + 28473764405*v1^9*v2^2*v3^9*v4^4/2048 - 5301971485*v1^10*v2*v3^4/12/1008$
 $- 5629069441*v1^10*v2^2*v3^11*v4/1512 - 897203623*v1^9*v2^2*v3^7*v4/1456 + 2849408153*v1^9*v2^2*v3^6*v4/13104$
 $+ 4742972957*v1^9*v2^2*v3^2/2457 + 541399351*v1^9*v2^2*v3^12*v4/2457 + 90066834757*v1^9*v2^2*v3^4/239312$
 $- 226156289*v1^9*v2^2*v3^3/39312 + 66148488347*v1^9*v2^2*v3^4/2184 - 425187167*v1^9*v2^2*v3^4/2/546$
 $+ 733061185*v1^9*v2^2*v3^4/216 - 20110452353*v1^9*v2^2*v3^4/10/1456 + 41630367379*v1^9*v2^2*v3^8*v4^4/19656$
 $+ 12406468183*v1^9*v2^2*v3^5/39312 + 51911353601*v1^9*v2^2*v3^4/10/1512 + 650*v1^2/23$
 $+ 11945807395*v1^9*v2^2*v3^2*v4^4/2/39312 + 41476420995*v1^9*v2^2*v3^6/5616 + 1424046835*v1^9*v2^2*v3^5*v4/3024$
 $+ 1504087805*v1^9*v2^2*v3^4*v4^2/2808 + 2519562319*v1^9*v2^2*v3^7*v4/1456 + 2849408153*v1^9*v2^2*v3^6*v4/13104$
 $+ 93817830187*v1^9*v2^2*v3^5*v4/2/39312 - 4685518973*v1^9*v2^2*v3^6*v3/8/9828 - 84988863131*v1^9*v2^2*v3^7*v4/6552$
 $+ 12793812037*v1^9*v2^2*v3^6*v4/2/13104 + 1153529629931*v1^9*v2^2*v3^4/2/39312$
 $+ 118165106555*v1^9*v2^2*v3^5*v3/2/39312 + 8504768916561*v1^9*v2^2*v3^4/10/39312$
 $- 20524705951*v1^9*v2^2*v3^8*v4/2/13104 + 47216443577*v1^9*v2^2*v3^3/11/9828$
 $+ 2361208991*v1^9*v2^2*v3^3*v4/10/456 - 953527594987*v1^9*v2^2*v3^2/12/39312$
 $- 422756611*v1^9*v2^2*v3^4/10*v2/182 + 248277824171*v1^9*v2^2*v3^13/6552 + 10872804987*v1^9*v2^2*v3^7*v4/39312$
 $+ 29231579437*v1^9*v2*v3^11*v4/2/6552 + 48107373023*v1^8*v2^2*v3^4/10/39312 - 15577334245*v1^8*v2^2*v4/9828$

$$\begin{aligned}
& + 2723533171*v1^11*v2^2*10*v3*v4/3024 + 845783956*v1^11*v2^2*10*v4^2/189 + 21732350119*v1^11*v2^2*9*v3^3/13104 \\
& + 108759965557*v1^11*v2^2*9*v3^2*v4/39312 + 44706133175*v1^11*v2^2*9*v3*v4^2/19656 \\
& + 85666768213*v1^11*v2^2*8*v3^4/19656 - 65812642979*v1^11*v2^2*8*v3^3*v4/3276 + 9287679553*v1^11*v2^2*8*v3^2*v4/2/1456 \\
& + 33436293103*v1^11*v2^2*7*v3^5/13104 + 145389407461*v1^11*v2^2*7*v3^4*v4/39312 \\
& + 4345014593*v1^11*v2^2*7*v3^3*v4^2/13104 + 3328755251*v1^8*v2^2*12*v3^3/252 - 10593302801*v1^8*v2^2*12*v3^2*v4/9828 \\
& - 5858054677*v1^8*v2^2*12*v3*v4^2/39312 - 744108439*v1^8*v2^2*11*v3^4/252 + 10191294323*v1^8*v2^2*11*v3^3*v4/2808 \\
& - 56739435563*v1^8*v2^2*11*v3^2*v4^2/13104 + 41523936745*v1^8*v2^2*10*v3^5/39312 \\
& - 19498671665*v1^8*v2^2*10*v3^4*v4/5616 + 156911548657*v1^8*v2^2*8*v3^6*v4/3024 + 1787666255*v1^8*v2^2*8*v3^5*v4^2/4368 \\
& - 64264380359*v1^8*v2^2*9*v3^5/39312 - 2590027567*v1^8*v2^2*9*v3^5*v4/5616 - 33098875*v1^8*v2^2*9*v3^4*v4/2/39 \\
& + 699675323*v1^8*v2^2*8*v3^7/5616 - 2019842131*v1^8*v2^2*8*v3^6*v4/3024 + 2587666255*v1^8*v2^2*8*v3^5*v4^2/4368 \\
& - 25464715763*v1^8*v2^2*7*v3^7*v4/39312 - 3260876503*v1^8*v2^2*7*v3^6*v4/2/819 + 11618090657*v1^8*v2^2*6*v3^9/4914 \\
& + 13596911645*v1^8*v2^2*7*v3^6*v4/2/4914 - 8295127349*v1^8*v2^2*5*v3^10/2184 - 4364459399*v1^8*v2^2*5*v3^9*v4/1638 \\
& + 121068284951*v1^8*v2^2*4*x3/11/39312 + 74138905157*x1^8*v2^2*4*x3/10*x4/39312 \\
& + 39675541639*v1^8*v2^2*4*x3/9*x4/2/13104 - 155351968869*x1^8*v2^2*3*x3/13/39312 \\
& - 57350567357*v1^8*v2^2*3*x3/11*x4/19656 - 16298861979*x1^8*v2^2*3*x3/10*x4/2/378 + 22614845579*v1^8*v2^2*3*x3/13/9828 \\
& + 55840665451*v1^8*v2^2*3*x3/12*x4/39312 + 403441499*x1^8*v2^2*x3/12*x4/2/156 - 10270222825*x1^8*v2^2*x3/14/4368 \\
& + 6100722773*v1^8*v2*x3/13*x4/3276 - 113927029789*x1^8*v2*x3/12*x4/2/39312 + 3707126659*x1^7*x2^14*x3/4/19656 \\
& + 32064372077*x1^7*x2^2*x3/15*x4/39312 + 25185140878*x1^7*x2^2*x3/14*x4/2/819 + 11618090657*x1^8*v2^2*6*x3^9/4914 \\
& + 8089280867*x1^7*x2^2*x3/14*x4/2/13104 - 794809765*x1^7*x2^2*x3/13*x4/3/5616 + 25708892305*x1^7*x2^2*x3/2*x4/39312 \\
& - 479593325*x1^7*x2^2*x3/4*x4/2/3276 + 88053820681*x1^7*x2^2*x3/12*x4/39312 - 118836125109*x1^7*x2^2*x3*x4/39312 \\
& + 26014632107*x1^7*x2^2*x3/12*x4/2/9828 - 36442287645*x1^7*x2^2*x3/5*x4/39312 + 4957473541*x1^7*x2^2*x3/4*x4/1456 \\
& - 681078297*x1^7*x2^2*x3/3*x4/2/208 + 28729077271*x1^7*x2^2*x3/6*x4/39312 \\
& - 21341529173*x1^10*x2^3*x3/6*x4/2/4914 - 7332256429*x1^10*x2^3*x4/9*x4/2/9828 + 1251940880*x1^10*x2^4*x3*x4/2457 \\
& + 2078509571*x1^10*x2^4*x3/7*x4/2/4914 - 9776506052*x1^10*x2^3*x3/2*x4/2/39312 \\
& - 6237128875*x1^10*x2^3*x3/8*x4/2/1092 + 1202222183*x1^19*x2^2/4/5616 - 30571523*x4/21*x2*v1/4368 \\
& - 38061778927*x1^10*x2^2*x3/2*x4/2/9828 - 4492458589*x1^10*x2^2*x4/11/1512 - 1093472173*x1^10*x2^2*x3*x4/11/168 \\
& - 3606235175*x1^10*x2^2*x3/4*x4/12/756 + 97123508077*x1^9*x2^2*x11*x4/3/39312 - 79601649787*x1^9*x2^2*x3*x4/3/39312 \\
& + 41347648501*x1^9*x2^2*x3/4*x4/2/4914 + 237749190025*x1^9*x2^2*x3/2*x4/3/39312 \\
& - 2428391792*x1^9*x2^2*x3/4*x4/2457 + 3959807735*x1^9*x2^2*x4/5/1638 + 23407770335*x1^9*x2^2*x3*x4/19656 \\
& - 2749430789*x1^9*x2^2*x3/4*x4/5/2808 + 3225174745*x1^9*x2^2*x4/6/1512 + 13031156255*x1^9*x2^2*x3/2*x4/5/39312 \\
& + 53394947331*x1^9*x2^2*x3/4*x4/6/39312 + 1785305155*x1^9*x2^2*x3/4*x4/7/6552 + 6719919499*x1^9*x2^2*x3/2*x4/6/3924 \\
& - 19854135401*x1^9*x2^2*x3/6*x4/7/9828 + 67442050205*x1^9*x2^2*x3/6*x4/39312 + 4377127355*x1^9*x2^5*x3*x4/7/1512 \\
& + 124555931519*x1^9*x2^2*x3/5*x4/8/39312 + 30507579247*x1^9*x2^4*x3/2*x4/8/39312 \\
& + 5248789631*x1^9*x2^4*x4/10/3024 + 560951069*x1^9*x2^3*x3*x4/10/108 + 675526675*x1^9*x2^3*x4/11/252 \\
& + 43091533313*x1^9*x2^2*x3/2*x4/10/19656 - 45708734187*x1^9*x2^2*x3*x4/11/9828 \\
& + 85696464925*x1^9*x2^2*x4/12/39312 + 6861606695*x1^9*x2*x3*x4/11/9828 + 226351317845*x1^9*x2*x3*x4/12/39312 \\
& + 16679155669*x1^9*x2*x3*x4/13/5616 - 23026183493*x1^8*x2*x11*x4/3/19656 - 6077701327*x1^8*x2*x3*x4/3/13104 \\
& + 11031397451*x1^8*x2^2*x3/4*x4/19652 - 1650935719*x1^8*x2^2*x10*x4/4/13104 \\
& - 21675960955*x1^8*x2^2*x3/2*x4/4/19656 - 3716712131*x1^8*x2^2*x3/4*x5/13104 - 5145539557*x1^8*x2^2*x4/6/3024 \\
& - 133495289*x1^8*x2^2*x3/2*x4/5/2808 - 3224040445*x1^8*x2^2*x3/4*x6/5652 - 3277129393*x1^8*x2^2*x4/7/39312 \\
& - 15076452137*x1^8*x2^2*x3/2*x4/6/3024 - 2266357667*x1^8*x2^2*x3/4*x7/19656 - 50642665*x1^8*x2^2*x3/2*x4/7/108 \\
& - 1202774107*x1^8*x2^2*x6*x4/9/2457 - 83247230713*x1^8*x2^2*x5*x4/9/19656 - 54688383*x1^8*x2^5*x4/10/252 \\
& - 3671174913*x1^8*x2^2*x3*x4/2*x4/9/13104 - 2585548532*x1^8*x2^2*x4*x3*x4/10/3024 - 3729985421*x1^8*x2^4*x4/11/3024 \\
& - 53717904535*x1^8*x2^2*x3*x4/2*x4/10/6552 - 4489446484*x1^8*x2^2*x3*x4/11/819 - 3606303791*x1^8*x2^3*x4/12/3024 \\
& - 16759048963*x1^8*x2^2*x3/2*x4/11/6552 - 65528892407*x1^8*x2^2*x3*x4/12/13104 \\
& - 31495318319*x1^8*x2^2*x3/4*x4/13/19656 - 30026932319*x1^8*x2^2*x3/2*x4/12/39312 - 45713081863*x1^8*x2^3*x4/13/9828 \\
& - 728099333*x1^8*x2^2*x3/4*x4/5/2808 - 23634225493*x1^7*x2^2*x3/4*x3/5616 + 26384225493*x1^7*x2^2*x3/4*x3/19656 \\
& + 972260879*x1^7*x2^2*x4/4/1872 + 13649172755*x1^7*x2^2*x11*x3*x2*x4/3/3024 - 23038049627*x1^7*x2^11*x3*x4/4/19656 \\
& + 35192676619*x1^7*x2^2*x11*x4/5/39312 - 6509374555*x1^7*x2^2*x10*x3*x4/4/19656 \\
& - 4057913941*x1^7*x2^2*x3*x4/5/4368 + 74762483*x1^7*x2^2*x4/6/189 + 2695040818*x1^7*x2^2*x3*x4/5/2457 \\
& + 18863944207*x1^7*x2^2*x3*x4/6/13104 + 674581847*x1^7*x2^2*x3*x4/10/16552 + 384900307*x1^7*x2^2*x4/8/6552 \\
& + 39817053*x1^7*x2^2*x3*x4/10/39312 - 2449592583*x1^7*x2^2*x6*x3*x4/8/39312 \\
& - 4376175217*x1^7*x2^2*x3*x4/9/936 - 118475465*x1^7*x2^2*x7*x6*x4/10/3024 + 36401913815*x1^7*x2^3*x4/9/39312 \\
& - 1218495318319*x1^8*x2^2*x3/4*x4/13/19656 - 3026932319*x1^8*x2^2*x3/2*x4/12/39312 - 45713081863*x1^8*x2^3*x4/13/9828 \\
& - 728099333*x1^8*x2^2*x3/4*x4/14/504 - 2364915747*x1^7*x2^2*x3/4*x5/19656 + 26384225493*x1^7*x2^2*x3/4*x3/19656 \\
& + 972260879*x1^7*x2^2*x4/4/1872 + 13649172755*x1^7*x2^2*x11*x3*x2*x4/3/3024 - 23038049627*x1^7*x2^11*x3*x4/4/19656 \\
& + 35192676619*x1^7*x2^2*x11*x4/5/39312 - 6509374555*x1^7*x2^2*x10*x3*x4/4/19656 \\
& - 4057913941*x1^7*x2^2*x3*x4/5/4368 + 74762483*x1^7*x2^2*x4/6/189 + 2695040818*x1^7*x2^2*x3*x4/5/2457 \\
& + 18863944207*x1^7*x2^2*x3*x4/6/13104 + 674581847*x1^7*x2^2*x3*x4/10/16552 + 384900307*x1^7*x2^2*x4/8/6552 \\
& + 39817053*x1^7*x2^2*x3*x4/10/39312 - 2449592583*x1^7*x2^2*x6*x3*x4/8/39312 \\
& - 4376175217*x1^7*x2^2*x3*x4/9/936 - 118475465*x1^7*x2^2*x7*x6*x4/10/3024 + 36401913815*x1^7*x2^3*x4/9/39312 \\
& - 1218495318319*x1^8*x2^2*x3/4*x4/13/19656 - 3026932319*x1^8*x2^2*x3/2*x4/12/39312 - 45713081863*x1^8*x2^3*x4/13/9828 \\
& - 728099333*x1^8*x2^2*x3/4*x4/14/504 - 2364915747*x1^7*x2^2*x3/4*x5/19656 + 26384225493*x1^7*x2^2*x3/4*x3/19656 \\
& + 972260879*x1^7*x2^2*x4/4/1872 + 13649172755*x1^7*x2^2*x11*x3*x2*x4/3/3024 - 23038049627*x1^7*x2^11*x3*x4/4/19656 \\
& + 35192676619*x1^7*x2^2*x11*x4/5/39312 - 6509374555*x1^7*x2^2*x10*x3*x4/4/19656 \\
& - 4057913941*x1^7*x2^2*x3*x4/5/4368 + 74762483*x1^7*x2^2*x4/6/189 + 2695040818*x1^7*x2^2*x3*x4/5/2457 \\
& + 18863944207*x1^7*x2^2*x3*x4/6/13104 + 674581847*x1^7*x2^2*x3*x4/10/16552 + 384900307*x1^7*x2^2*x4/8/6552 \\
& + 39817053*x1^7*x2^2*x3*x4/10/39312 - 2449592583*x1^7*x2^2*x6*x3*x4/8/39312 \\
& - 4376175217*x1^7*x2^2*x3*x4/9/936 - 118475465*x1^7*x2^2*x7*x6*x4/10/3024 + 36401913815*x1^7*x2^3*x4/9/39312 \\
& - 1218495318319*x1^8*x2^2*x3/4*x4/13/19656 - 3026932319*x1^8*x2^2*x3/2*x4/12/39312 - 45713081863*x1^8*x2^3*x4/13/9828 \\
& - 728099333*x1^8*x2^2*x3/4*x4/14/504 - 2364915747*x1^7*x2^2*x3/4*x5/19656 + 26384225493*x1^7*x2^2*x3/4*x3/19656 \\
& + 972260879*x1^7*x2^2*x4/4/1872 + 13649172755*x1^7*x2^2*x11*x3*x2*x4/3/3024 - 23038049627*x1^7*x2^11*x3*x4/4/19656 \\
& + 35192676619*x1^7*x2^2*x11*x4/5/39312 - 6509374555*x1^7*x2^2*x10*x3*x4/4/19656 \\
& - 4057913941*x1^7*x2^2*x3*x4/5/4368 + 74762483*x1^7*x2^2*x4/6/189 + 2695040818*x1^7*x2^2*x3*x4/5/2457 \\
& + 18863944207*x1^7*x2^2*x3*x4/6/13104 + 674581847*x1^7*x2^2*x3*x4/10/16552 + 384900307*x1^7*x2^2*x4/8/6552 \\
& + 39817053*x1^7*x2^2*x3*x4/10/39312 - 2449592583*x1^7*x2^2*x6*x3*x4/8/39312 \\
& - 4376175217*x1^7*x2^2*x3*x4/9/936 - 118475465*x1^7*x2^2*x7*x6*x4/10/3024 + 36401913815*x1^7*x2^3*x4/9/39312 \\
& - 1218495318319*x1^8*x2^2*x3/4*x4/13/19656 - 3026932319*x1^8*x2^2*x3/2*x4/12/39312 - 45713081863*x1^8*x2^3*x4/13/9828 \\
& - 728099333*x1^8*x2^2*x3/4*x4/14/504 - 2364915747*x1^7*x2^2*x3/4*x5/19656 + 26384225493*x1^7*x2^2*x3/4*x3/19656 \\
& + 972260879*x1^7*x2^2*x4/4/1872 + 13649172755*x1^7*x2^2*x11*x3*x2*x4/3/3024 - 23038049627*x1^7*x2^11*x3*x4/4/19656 \\
& + 35192676619*x1^7*x2^2*x11*x4/5/39312 - 6509374555*x1^7*x2^2*x10*x3*x4/4/19656 \\
& - 4057913941*x1^7*x2^2*x3*x4/5/4368 + 74762483*x1^7*x2^2*x4/6/189 + 2695040818*x1^7*x2^2*x3*x4/5/2457 \\
& + 18863944207*x1^7*x2^2*x3*x4/6/13104 + 674581847*x1^7*x2^2*x3*x4/10/16552 + 384900307*x1^7*x2^2*x4/8/6552 \\
& + 39817053*x1^7*x2^2*x3*x4/10/39312 - 2449592583*x1^7*x2^2*x6*x3*x4/8/39312 \\
& - 4376175217*x1^7*x2^2*x3*x4/9/936 - 118475465*x1^7*x2^2*x7*x6*x4/10/3024 + 36401913815*x1^7*x2^3*x4/9/39312 \\
& - 1218495318319*x1^8*x2^2*x3/4*x4/13/19656 - 3026932319*x1^8*x2^2*x3/2*x4/12/39312 - 45713081863*x1^8*x2^3*x4/13/9828 \\
& - 728099333*x1^8*x2^2*x3/4*x4/14/504 - 2364915747*x1^7*x2^2*x3/4*x5/19656 + 26384225493*x1^7*x2^2*x3/4*x3/19656 \\
& + 972260879*x1^7*x2^2*x4/4/1872 + 13649172755*x1^7*x2^2*x11*x3*x2*x4/3/3024 - 23038049627*x1^7*x2^11*x3*x4/4/19656 \\
& + 35192676619*x1^7*x2^2*x11*x4/5/39312 - 6509374555*x1^7*x2^2*x10*x3*x4/4/19656 \\
& - 4057913941*x1^7*x2^2*x3*x4/5/4368 + 74762483*x1^7*x2^2*x4/6/189 + 2695040818*x1^7*x2^2*x3*x4/5/2457 \\
& + 18863944207*x1^7*x2^2*x3*x4/6/13104 + 674581847*x1^7*x2^2*x3*x4/10/16552 + 384900307*x1^7*x2^2*x4/8/6552 \\
& + 39817053*x1^7*x2^2*x3*x4/10/39312 - 2449592583*x1^7*x2^2*x6*x3*x4/8/39312 \\
& - 4376175217*x1^7*x2^2*x3*x4/9/936 - 118475465*x1^7*x2^2*x7*x6*x4/10/3024 + 36401913815*x1^7*x2^3*x4/9/39312 \\
& - 1218495318319*x1^8*x2^2*x3/4*x4/13/19656 - 3026932319*x1^8*x2^2*x3/2*x4/12/39312 - 45713081863*x1^8*x2^3*x4/13/9828 \\
& - 728099333*x1^8*x2^2*x3/4*x4/14/504 - 2364915747*x1^7*x2^2*x3/4*x5/19656 + 26384225493*x1^7*x2^2*x3/4*x3/19656 \\
& + 972260879*x1^7*x2^2*x4/4/1872 + 13649172755*x1^7*x2^2*x11*x3*x2*x4/3/3024 - 23038049627*x1^7*x2^11*x3*x4/4/19656 \\
& + 35192676619*x1^7*x2^2*x11*x4/5/39312 - 6509374555*x1^7*x2^2*x10*x3*x4/4/19656 \\
& - 4057913941*x1^7*x2^2*x3*x4/5/4368 + 74762483*x1^7*x2^2*x4/6/189 + 2695040818*x1^7*x2^2*x3*x4/5/2457 \\
& + 18863944207*x1^7*x2^2*x3*x4/6/13104 + 674581847*x1^7*x2^2*x3*x4/10/16552 + 384900307*x1^7*x2^2*x4/8/6552 \\
& + 39817053*x1^7*x2^2*x3*x4/10/39312 - 2449592583*x1^7*x2^2*x6*x3*x4/8/39312 \\
& - 4376175217*x1^7*x2^2*x3*x4/9/936 - 118475465*x1^7*x2^2*x7*x6*x4/10/3024 + 36401913815*x1^7*x2^3*x4/9/39312 \\
& - 1218495318319*x1^8*x2^2*x3/4*x4/13/19656 - 3026932319*x1^8*x2^2*x3/2*x4/12/39312 - 45713081863*x1^8*x2^3*x4/13/9828 \\
& - 728099333*x1^8*x2^2*x3/4*x4/14/504 - 2364915747*x1^7*x2^2*x3/4*x5/19656 + 26384225493*x1^7*x2^2*x3/4*x3/19656 \\
& + 972260879*x1^7*x2^2*x4/4/1872 + 13649172755*x1^7*x2^2*x11*x3*x2*x4/3/3024 - 23038049627*x1^7*x2^11*x3*x4/4/19656 \\
& + 35192676619*x1^7*x2^2*x11*x4/5/39312 - 6509374555*x1^7*x2^2*x10*x3*x4/4/19656 \\
& - 4057913941*x1^7*x2^2*x3*x4/5/4368 + 74762483*x1^7*x2^2*x4/6/189 + 2695040818*x1^7*x2^2*x3*x4/5/2457 \\
& + 18863944207*x1^7*x2^2*x3*x4/6/13104 + 674581847*x1^7*x2^2*x3*x4/10/16552 + 384900307*x1^7*x2^2*x4/8/6552 \\
& + 39817053*x1^7*x2^2*x3*x4/10/39312 - 2449592583*x1^7*x2^2*x6*x3*x4/8/39312 \\
& - 4376175217*x1^7*x2^2*x3*x4/9/936 - 118475465*x1^7*x2^2*x7*x6*x4/10/3024 + 36401913815*x1^7*x2^3*x4/9/39312 \\
& - 1218495318319*x1^8*x2^2*x3/4*x4/13/19656 - 3026932319*x1^8*x2^2*x3/2*x4/12/39312 - 45713081863*x1^8*x2^3*x4/13/9828 \\
& - 728099333*x1^8*x2^2*x3/4*x4/14/504 - 2364915747*x1^7*x2^2*x3/4*x5/19656 + 26384225493*x1^7*x2^2*x3/4*x3/19656 \\
& + 972260879*x1^7*x2^2*x4/4/1872 + 13649172755*x1^7*x2^2*x11*x3*x2*x4/3/3024 - 23038049627*x1^7*x2^11*x3*x4/4/19656 \\
& + 35192676619*x1^7*x2^2*x11*x4/5/39312 - 6509374555*x1^7*x2^2*x10*x3*x4/4/19656 \\
& - 4057913941*x1^7*x2^2*x3*x4/5/4368 + 74762483*x1^7*x2^2*x4/6/189 + 2695040818*x1^7*x2^2*x3*x4/5/2457 \\
& + 18863944207*x1^7*x2^2*x3*x4/6/13104 + 674581847*x1^7*x2^2*x3*x4/10/16552 + 384900307*x1^7*x2^2*x4/8/6552 \\
& + 39817053*x1^7*x2^2*x3*x4/10/39312 - 2449592583*x1^7*x2^2*x6*x3*x4/8/39312 \\
& - 4376175217*x1^7*x2^2*x3*x4/9/936 - 118475465*x1^7*x2^2*x7*x6*x4/10/3024 + 36401913815*x1^7*x2^3*x4/9/39312 \\
& - 1218495318319*x1^8*x2^2*x3/4*x4/13/19656 - 3026932319*x1^8*x2^2*x3/2*x4/12/39312 - 45713081863*x1^8*x2^3*x4/13/9828 \\
& - 728099333*x1^8*x2^2*x3/4*x4/14/504 - 2364915747*x1^7*x2^2*x3/4*x5/19656 + 26384225493*x1^7*x2^2*x3/4*x3/19656 \\
& + 972260879*x1^7*x2^2*x4/4/1872 + 13649172755*x1^7*x2^2*x11*x3*x2*x4/3/3024 - 23038049627*x1^7*x2^11*x3*x4/4/19656 \\
& + 35192676619*x1^7*x2^2*x11*x4/5/39312 - 6$$

- 13407971693*v1^4*v2^17*v3^2/39312 - 275409565*v1^4*v2^17*v3*v4/2184 - 66478772*v1^4*v2^17*v4^2/819
 + 25520373217*v1^4*v2^16*v3^3/39312 + 153771941*v1^4*v2^16*v3^2*v4/2457 + 84966029*v1^4*v2^16*v3*v4^2/312
 + 10678535069*v1^4*v2^14*x3*v3*v4^2/9828 - 101110328471*v1^4*v2^13*v3^6/39312
 + 2281464695*v1^4*x2^13*x3*v4/9828 + 2571973031*v1^4*x2^12*x3^7/728 - 17330192743*v1^4*x2^12*x3^6*v4/39312
 + 27442185265*v1^4*x2^12*x3^5*v4^2/19656 - 13468931167*v1^4*x2^11*x3^8/3024 + 529908529*v1^4*x2^11*x3^7*v4/1404
 - 12517490513*v1^4*x2^11*x3^6*v4^2/6552 + 15547804019*x1^4*x2^10*x3^9/3024 + 205149703*v1^4*x2^10*x3^8*v4/19656
 + 78166300031*v1^4*x2^10*x3^7*v4^2/39312 - 15015858147*v1^4*x2^9*v3^10/9828 + 4008807629*v1^4*x2^9*v3^9*v4/5616
 - 1295200913*v1^4*x2^9*v3^8*v4^2/819 + 337862241539*v1^4*x2^8*v3^11/6552 + 6241286881*v1^4*x2^8*v3^10*v4/5616
 - 36252551773*v1^4*x2^8*x3^9*v4^2/19656 - 57309955039*v1^4*x2^7*v3^12/13104
 - 54918150011*v1^4*x2^7*v3^11*v4/39312 - 38491264025*v1^4*x2^7*v3^10*v4^2/19656
 + 18386304289*x1^4*x2^6*x3^13/5616 + 757745803*x1^4*x2^6*x3^12*x4/624 + 87456305857*v1^4*x2^6*v3^11*v4^2/39312
 - 1966271237*v1^4*x2^5*v3^14/936 - 1635151601*v1^4*x2^5*v3^13*x4/1638 - 37267602553*v1^4*x2^5*v3^12*v4^2/19656
 + 45044201791*v1^4*x2^4*x3^15/39312 + 8311439723*x1^4*x2^4*x3^14*v4/13104
 + 7776389983*v1^4*x2^4*x3^13*x4/2/5616 - 4957255937*v1^4*x2^3*x3^16/9828 - 232147439*v1^4*x2^3*v3^15*v4/468
 - 10447885247*v1^4*x2^3*x3^14*x4/2/19656 + 2395295129*v1^4*x2^2*x3^17/13104
 - 1372315343*v1^4*x2^2*x3^16*v4/5616 + 9851856865*x1^4*x2^2*x3^15*v4^2/39312 - 1420233683*v1^4*x2^2*x3^18/39312
 - 2031087911*v1^4*x2^3*x3^17*v4/9828 + 437094173*x1^4*x2^3*x3^16*x4/2/4368 + 23045851397*v1^5*x2^16*x3^2/39312
 + 3159980377*v1^5*x2^15*x3^2*x4/19656 + 2446466597*x1^5*x2^15*x3^4*x2/6561 + 315495788*x1^5*x2^15*x3^3/351
 + 1966961087*v1^5*x2^15*x3^2*x4/19656 - 14931206909*x1^5*x2^15*x3^4*x2/6561 + 1943771815*x1^5*x2^14*x3^4/1512
 - 438440357*x1^5*x2^14*x3^3*x4/546 + 395926799*x1^5*x2^14*x3^2*x4/2/624 + 10687060699*x1^5*x2^13*x3^4*x4/728
 - 6874965095*v1^5*x2^13*x3^3*x4/2/4914 + 2051167219*v1^5*x2^12*x3^6/1872 + 20979792795*x1^5*x2^12*x3^4*x4/2/9828
 - 416198213*x1^5*x2^11*x3^7/756 + 9393016715*x1^5*x2^11*x3^6*x4/4914 - 8584241917*v1^5*x2^10*x3^8/19656
 - 3394028051*v1^5*x2^10*x3^7*v4/1512 + 24463923625*x1^5*x2^10*x3^6*x4/2/39312 - 169336960637*v1^5*x2^9*v3^9/9828
 + 543240221*v1^5*x2^9*v3^8*v4/234 + 4408096237*x1^5*x2^9*v3^7*v4^2/19656 - 111843522685*v1^5*x2^8*v3^10/39312
 - 8915369803*v1^5*x2^7*x3^9*v4/4368 - 24651041369*x1^5*x2^7*x3^8*x4^2/13104
 + 135329680085*v1^5*x2^7*x3^11/39312 + 9585486151*x1^5*x2^7*x3^10*v4/4368
 + 14814303209*v1^5*x2^7*x3^12/5616 - 18864768905*v1^5*x2^6*x3^12/5616 - 1529203700*v1^5*x2^6*v3^11*v4/819
 - 21427955327*v1^5*x2^6*x3^10*v4^2/6552 + 1521028547*x1^5*x2^5*x3^13/5616 + 5646299257*v1^5*x2^5*x3^12*v4/3276
 + 953713849*x1^5*x2^5*x3^11*x4/336 - 639828055*x1^5*x2^4*x3^14/351 - 1653948171*v1^5*x2^3*x4/1456
 - 4377893809*x1^5*x2^3*x3^12*x4/2/19656 + 1360091977*x1^5*x2^3*x3^15/13104
 + 5952197327*v1^5*x2^3*x3^14*x4/5652 + 48593058711*x1^5*x2^3*x3^13*x4/2/39312 - 2383072313*x1^5*x2^2*x3^16/4914
 - 16678918861*x1^5*x2^2*x3^15*x4/39312 - 4750751459*x1^5*x2^2*x3^14*x4/2/6552 + 6789570125*x1^5*x2^3*x3/17/39312
 + 15708741899*x1^5*x2^3*x16*x4/39312 + 811650955*x1^5*x2^3*x15*x4/2/19656 + 62438153*x1^4*x2^18*x3/336
 + 1142826995*x1^6*x2^11*x3^4*x4/1404 + 182088053*x1^6*x2^11*x3^4*x4/2/4914 + 18925845269*x1^6*x2^10*x3^7/9828
 + 93557505793*x1^6*x2^10*x3^5*x4/2/39312 - 6800345861*x1^6*x2^9*x3^8/2808 + 12114895693*x1^6*x2^9*x3^7*x4/19656
 + 1848785791*x1^6*x2^8*x3^9/6552 + 74425378*x1^6*x2^8*x3^8*x4/19656 + 7242980377*x1^6*x2^8*x3^7*x4/2/13104
 - 10311457679*x1^6*x2^7*x3^10/3024 - 72680975377*x1^6*x2^7*x3^9/2808 - 3507172125*x1^6*x2^7*x3^8*x4/2/6552
 + 1793270977*x1^6*x2^6*x3^11/594 + 720163123*x1^6*x2^6*x3^10*x4/351 + 69495667081*x1^6*x2^6*x3^9*x4/2/13104
 - 9426548881*x1^6*x2^5*x3^12/2808 - 496807135*x1^6*x2^5*x3^11*x4/208 - 87149260145*x1^6*x2^5*x3^10*x4/2/19656
 + 189277897*x1^6*x2^4*x3^13/728 + 2496145155*x1^6*x2^4*x3^12*x4/13104
 + 46085413163*v1^6*x2^4*x3^11/4552 + 73306269629*x1^6*x2^3*x3^14/39312
 - 9727254361*v1^6*x2^3*x3^13*x4/6552 + 1605953767*x1^7*x2^3*x3^5*x4^8/702 + 555501431*v1^7*x2^3*x3^4*x4^9/19656
 + 12147279235*x1^7*x2^3*x3^4*x4/10/3276 - 4686161657*x1^7*x2^2*x3^7*x4/7/1008
 - 1301028949*x1^6*x2^11*x3^3*x4/3/19656 + 10465342*x1^6*x2^10*x3^4*x4^3/91
 + 1843589105*x1^6*x2^10*x3^3*x4/6552 - 1832334727*x1^6*x2^9*x3^6*x4/2/378
 + 7489793663*x1^6*x2^9*x3^5*x4/3/9828 - 591376655*x1^6*x2^9*x3^4*x4/182 + 88941988*x1^6*x2^9*x3^4*x2/4547
 - 3856559343*x1^6*x2^8*x3^2*x4/1512 - 1453265236*x1^6*x2^8*x3^1*x4/2/2457
 + 47631263803*x1^6*x2^8*x3^5*x4/4/9828 - 38563449*x1^6*x2^8*x3^4*x4/5/1404 + 7616022230*x1^15*x2^5*x4^3/2457
 + 1034295755*x1^5*x2^4*x3^4*x4/3/624 + 4564476061*x1^5*x2^4*x4/4/1512 + 9078489053*x1^15*x2^3*x4^2*x4/3/3276
 + 20927051913*x1^15*x2^2*x3^2*x4^9/9828 + 64361731765*x1^15*x2^2*x3^4*x4/5/39312
 + 115865410441*x1^15*x2^2*x3^4*x4/6552 + 590970935*x1^15*x2^2*x3^2*x4/5/189 + 5722360573*x1^15*x2^3*x4/6/1872
 + 159862328065*x1^15*x2^4*x4/7/39312 - 5968327871*x1^14*x2^6*x4/3/1456 - 40596467315*x1^14*x2^5*x3*x4/3/19656
 - 56454841435*x1^14*x2^5*x4/4/13104 - 11907513027*x1^5*x2^3*x4/2/39312
 - 36286227095*x1^14*x2^4*x3*x4/4/19656 - 152650265225*x1^14*x2^4*x4/5/39312
 - 55561319393*x1^14*x2^3*x3^2*x4/4/13104 - 6844057985*x1^14*x2^3*x3^4*x4/2/5457
 - 18798034435*x1^14*x2^3*x4/6/4368 - 32554793275*x1^14*x2^3*x2^4*x4/5/13104
 - 4156858013*x1^14*x2^2*x3*x4/6/2457 - 76868026715*x1^14*x2^2*x4/7/19656
 - 16739616005*x14*x2^3*x4/6/39312 - 16761494645*x14*x2^3*x4/7/13104 - 55829036063*x1^14*x2^4*x4/8/9828
 + 11702039110*x1^13*x2^4*x3/2457 + 64317358463*x1^13*x2^4*x3^4/39312 + 2161720655*x1^13*x2^6*x4/4/4368
 + 26690822173*x1^13*x2^5*x3^2*x4/6/5552 + 15864539987*x1^13*x2^5*x3*x4/4/6552
 + 197207354095*x1^13*x2^5*x4/5/39312 + 133214488003*x1^13*x2^4*x3^2*x4/4/39312
 + 5388744551*x1^13*x2^3*x3^2*x4/5/39312 + 172239110557*x1^13*x2^4*x3^2*x4/2/4914
 + 114748693117*x1^13*x2^3*x3^2*x4/5/19656 - 11634542069*x1^13*x2^3*x3^2*x4/2/4914
 + 2854660387*x1^6*x2^2*x3^12/2808 + 188647391*x1^6*x2^2*x3^14*x4/1456 + 810741615*x1^6*x2^2*x3^13*x4/2/5616
 - 20759330645*x1^6*x2^2*x3^16/39312 - 3940785613*x1^6*x2^3*x3^15/x/5616 - 21080534661*x1^6*x2^2*x3^14*x4/2/39312
 - 15377417045*x1^5*x2^17*x3/39312 + 514196303*x1^5*x2^17*x4/4914 - 52145087243*x1^7*x2^10*x3^5*x4/39312
 - 1873270043*x1^7*x2^10*x3^4*x4/2/19656 - 11567189461*x1^7*x2^9*x3^6*x4/2/39312
 + 3006080261*x1^7*x2^9*x3^5*x4/2/5616 - 33951704929*x1^7*x2^8*x3^8/39312 + 2651027779*x1^7*x2^8*x3^6*x4/2/3276
 + 13550333903*x1^7*x2^7*x3^9/5616 + 146043751753*x1^7*x2^7*x3^8*x4/39312 - 1165161517177*x1^7*x2^6*x3^10/39312
 - 116538222497*x1^7*x2^6*x3^9*x4/2/39312 - 9279042071*x1^7*x2^6*x3^8*x4/2/39312 + 663084971*x1^7*x2^5*x3^11/182
 + 32282602679*x1^7*x2^4*x3^12/3276 - 8562904535*x1^7*x2^4*x3^11*x4/39312
 - 1770810877*x1^7*x2^4*x3^10*x4/2/5616 + 28396398119*x1^7*x2^3*x3^13/9828
 + 89195732785*x1^7*x2^3*x3^12*x4/39312 + 30812898895*x1^7*x2^3*x3^11*x4/2/9828
 - 2482819097*x1^7*x2^2*x3^14/1456 - 21130915873*x1^7*x2^2*x3^13*x4/19656
 - 11735806223*x1^7*x2^2*x3^12*x4/2/5616 + 48444916087*x1^7*x2^2*x3^15/39312 + 23057304293*x1^7*x2^3*x4/19656
 + 5866707005*x1^7*x2^2*x3^13*x4/2/39312 - 4579406317*x1^6*x2^16*x3/6552 - 6678741847*x1^6*x2^16*x4/19656
 - 18243152903*x1^6*x2^15*x3^2*x4/2/19656 - 1299898289*x1^6*x2^15*x3^4*x4/6552 - 5400000209*x1^6*x2^15*x4/2/19656
 + 2332333885*x1^6*x2^14*x3^3/1873 - 1267240685*x1^6*x2^14*x3^2*x4/4363 + 905889473*x1^6*x2^14*x3*x4/2/3024
 - 2640439947*x1^6*x2^13*x3^4/1456 - 63126357521*x1^6*x2^13*x3^4/39312
 - 59715910703*x1^6*x2^13*x3^2*x4/2/39312 - 5157599095*x1^6*x2^12*x3^4*x4/2/5616
 - 86713847813*x1^6*x2^12*x3^4/4/39312 + 682182256*x1^6*x2^12*x3^3*x4/2/2457
 - 63679737865*x1^8*x2^3*x3/2/39312 - 2328467317*x1^8*x2^3*x3/13104 - 25394074673*x1^8*x2^13*x4/2/19656
 + 1855211247*x1^2*x2^3*x11*x4/8/364 - 10430568739*x1^2*x2^3*x10*x4/1638
 + 138962710949*x1^2*x2^2*x3^9*x4/10/19656 - 14696387933*x1^2*x2^2*x3^8*x4/11/2184
 + 6507127597*x1^2*x2^2*x3^7*x4/12/1092 - 182618840695*x1^2*x2^2*x3^6*x4/13/39312
 + 5509341797*x1^2*x2^3*x3^2*x4/16/1638 - 84237696853*x1^2*x2^2*x3^4*x4/15/39312
 + 1754595705*x1^2*x2^2*x3^3*x4/16/13104 - 8246915657*x1^2*x2^2*x3^2*x4/17/13104
 + 2145283373*x1^2*x2^2*x3^2*x4/18/6552 - 216313447*x1^2*x2^2*x3^2*x4/2/19/2808 + 494820865*x1^2*x2^2*x3^15*x4/5/1008
 + 1585484753*x1^2*x2^2*x3^14*x4/6/3024 - 114637915*x1^2*x2^2*x3^13*x4/7/1872 + 237294741*x1^2*x2^2*x3^12*x4/8/364
 - 33087502883*x1^2*x2^2*x3^11*x4/9/39312 + 46667216587*x1^2*x2^2*x3^10*x4/10/39312
 - 66483496595*x1^2*x2^2*x3^5*x4/11/39312 + 11670581873*x1^2*x2^2*x3^8*x4/12/5616
 - 879851631*x1^2*x2^2*x3^7*x4/13/39312 - 19883442627*x1^2*x2^2*x3^6*x4/14/9828
 - 60722594209*x1^2*x2^2*x3^5*x4/5/39312 - 126333385697*x1^2*x2^2*x3^4*x4/16/13104
 - 1663245065*x1^2*x2^2*x3^3*x4/17/3024 + 9765749195*x1^2*x2^2*x3^2*x4/18/139312 - 1068713551*x1^2*x2^2*x3^4*x4/19/9828
 + 71005891*x1^2*x2^2*x4/20/3276 - 35948531*x1^2*x2^3*x4/2/1638 - 16354770119*x1^2*x2^2*x3^12*x4/4/19656
 - 87427538467*x1^2*x2^2*x3^5*x4/10*x4/6/39312 - 6310315069*x1^2*x2^2*x3^5*x4/7/19656
 - 448399345*x1^2*x2^2*x3^5*x4/8/6552 - 14117764147*x1^2*x2^2*x3^7*x4/9/6552
 + 1798844965*x1^2*x2^2*x3^6*x4/10/1008 - 886057671*x1^2*x2^2*x3^5*x4/11/2457
 + 104375490815*x1^2*x2^2*x3^5*x4/12/39312 - 10092823157*x1^2*x2^2*x3^2*x4/13/2457
 + 2466444751*x1^2*x2^2*x3^2*x4/14/1092 - 106070698913*x1^2*x2^2*x3^4*x4/15/39312
 + 11532079081*x1^2*x2^2*x3^5*x4/16/19656 - 9561319004*x1^2*x2^2*x3^4*x4/13/2457 + 51009361457*x1^2*x2^2*x3^3*x4/14/13104
 - 79883421*x1^2*x2^2*x3^2*x4/15/364 + 36757853675*x1^2*x2^2*x3^4*x4/16/19656 - 1333731113*x1^2*x2^2*x3^5*x4/17/3024
 - 5958184*x1^2*x2^2*x3^18/273 - 463253278*x1^2*x2^2*x3^17*x4/19656 + 9363564869*x1^2*x2^2*x3^16*x4/2/39312
 - 1767991865*x1^2*x2^2*x3^15*x4/3/1872 + 32369013725*x1^2*x2^2*x3^14*x4/4/39312
 - 3232049797*x1^2*x2^2*x3^13*x4/5/2457 + 7512067589*x1^2*x2^2*x3^12*x4/6/39312 - 2506429762*x1^2*x2^2*x3^11*x4/7/819
 + 829022099*x1^2*x2^2*x3^10*x4/8/234 - 90377881193*x1^2*x2^2*x3^9*x4/9/19656 + 275086413*x1^2*x2^2*x3^8*x4/10/546
 - 111313824239*x1^2*x2^2*x3^7*x4/11/19656 + 14929019353*x1^2*x2^2*x3^6*x4/12/2808
 - 14885386919*x1^2*x2^2*x3^5*x4/13/3024 + 11771314361*x1^2*x2^2*x3^4*x4/14/3276
 - 3532733017*x1^2*x2^2*x3^4*x4/15/3104 + 28070996225*x1^2*x2^2*x3^4*x4/16/19656
 - 2593352009*x1^2*x2^2*x3^4*x4/17/2808 + 408826909*x1^2*x2^2*x3^4*x4/18/1872 - 64716077*x1^2*x2^2*x3^19/19/9828
 + 118381265*x1^2*x2^2*x3^18*x4/1008 - 7122143177*x1^2*x2^2*x3^17*x4/2/39312 + 2469910811*x1^2*x2^2*x3^16*x4/3/4914
 - 25077211303*x1^2*x2^2*x3^15*x4/17/2808 + 1724952937*x1^2*x2^2*x3^14*x4/5/1638
 - 21534351569*x1^2*x2^2*x3^13*x4/6/13104 + 47685790499*x1^2*x2^2*x3^12*x4/7/19656
 - 106162987981*x1^2*x2^2*x3^11*x4/8/39312 + 97360372285*x1^2*x2^2*x3^10*x4/9/39312

- 2315091131*v1*v2^3*v3^9*v4^10/1872 - 2481545059*v1*v2^3*v3^8*v4^11/5616 + 5316997802*v1*v2^3*v3^7*v4^12/2457
 - 16697598731*v1*v2^3*v3^6*v4^13/5616 + 652075127*v1*v2^3*v3^5*v4^14/216 - 89312180147*v1*v2^3*v3^4*v4^15/39312
 + 29543706103*v1*v2^3*v3^3*v4^16/19656 - 28934674879*v1*v2^3*v3^2*v4^17/39312
+ 15072659219*v1*v2^3*v3*v4^18/39312 - 1735230335*v1*v2^3*v4^19/19656 - 94381792385*v1*v2^2*v4^3/19656
- 11286859*v1*v2^2*v2^7*v3*v4^3/14 - 3330586415*v1*v2^2*v2^7*v4^4/6552 - 179107862857*v1*v2^2*v3^2*v4^3/39312
- 2250690877*v1*v2^2*v2^6*v3*v4^4/1456 - 27296051587*v1*v2^2*v2^6*v4^5/5616 - 8960966267*v1*v2^2*v3^2*v4^4/2184
- 3087404771*v1*v2^2*v2^4*v3*v4^5/1404 - 29900401249*v1*v2^2*v2^4*v3*v4^6/5616
- 58656713033*v1*v2^2*v2^4*v3^2*v4^5/19656 + 15658373131*v1*v2^2*v2^4*v3*v4^6/39312 + 192696953*v1*v2^2*v4^2/39312
- 138232331*v1*v2^19*v3^3/378 - 14402039*v1*v2^19*v3^2*v4/6552 - 12082211*v1*v2^19*v3*v4^2/936
- 21425749*v1*v2^19*v3^3/9828 + 1809723555*v1*v2^18*v3^4/2880 - 49523861*v1*v2^18*v3^3*v4/1456
- 101714839*v1*v2^18*v3^2*v4^2/5616 - 347103353*v1*v2^18*v3*v4^3/39312 - 75425111*v1*v2^18*v4^4/3024
- 1356758833*v1*v2^17*v3^2*v4^5/19656 - 32393950445*v1*v2^17*v3^4*v4/19656 - 4563640531*v1*v2^17*v3^3*v4^2/39312
+ 876891643*v1*v2^17*v3^2*v4^3/5616 + 1118751691*v1*v2^17*v3*v4^4/9828 + 4581149129*v1*v2^17*v4^5/39312
- 19556837*v1*v2^16*v3^6/936 - 17869382947*v1*v2^16*v3^5*v4/39312 + 249074997*v1*v2^16*v3^4*v4^2/5616
- 974968007*v1*v2^16*v3^3*v4^3/19656 - 8372987795*v1*v2^16*v3^2*v4^4/19656 - 2241612899*v1*v2^16*v3*v4^5/4914
- 12049539407*v1*v2^16*v4^6/39312 + 207734615*v1*v2^15*v3^2*v7/702 + 19094277395*v1*v2^15*v3^6*v4/19656
+ 34899226841*v1*v2^15*v3^5*v4^2/39312 + 510702508087*v1*v2^15*v3^4*v4^3/39312 - 65742443135*v1*v2^14*v3^7*v4/39312
+ 2352380479**v1*v2^15*v3^3*v4^4/13104 + 9518218181*v1*v2^15*v3^2*v4^5/936 + 3852842689*v1*v2^15*v3*v4^6/3276
- 20278581809*v1*v2^14*v3^6*v4^2/13104 - 26511346471*v1*v2^14*v3^4*v4^3/9828
- 11716298567*v1*v2^14*v3^4*v4^4/6552 - 250807520821*v1*v2^14*v3^3*v4/13104
- 6045821627*v1*v2^14*v3^2*v4^6/3276 - 94094275565*v1*v2^14*v3^4*v7/39312 - 2517477571*v1*v2^14*v4^8/3024
+ 4351734137*v1*v2^13*v3^9/2880 + 5916559913*v1*v2^13*v3^8*v4/2457 + 28821941957*v1*v2^13*v3^7*v4^2/13104
+ 33513620171*v1*v2^5*v3^14*v4^3/19656 - 6903810691*v1*v2^5*v3^13*v4^4/9828
+ 5318658581*v1*v2^5*v3^12*v4^5/5616 - 1242573901*v1*v2^5*v3^11*v4^6/2457
+ 14484689153*v1*v2^5*v3^10*v4^7/19656 - 8319486185*v1*v2^5*v3^9*v4^8/6552 - 2880940075*v1*v2^5*v3^8*v4^9/1512
+ 9302461871*v1*v2^5*v3^7*v4^8/2457 - 22310471345*v1*v2^5*v3^6*v4^11/5616
+ 192893711065*v1*v2^5*v3^5*v4^7/39312 - 5299008038*v1*v2^5*v3^6*v4^15/2457 + 17189031767*v1*v2^5*v3^5*v4^16/13104
- 2217720569*v1*v2^3*v3^4*v4^17/3276 + 11951552381*v1*v2^3*v3^4*v8/39312 - 25983159*v1*v2^3*v2^4*v4^19/2457
+ 557892595*v1*v2^4*v3^2*v4^2/39312 - 32697525**v1*v2^2*v6^3*v4^3*v4/11/19656
+ 65448106537*v1*v2^2*v6^3*v3*v4^2/13104 - 87408945451*v1*v2^2*v6^3*v2^3*v4^3/13/39312
+ 7654437623*v1*v2^2*v6^3*v3*v4^4/14/1872 - 3851343121*v1*v2^2*v6^4*v4^5/4914 - 5792468309*v1*v2^2*v5*v3^16/13104
- 3928110313*v1*v2^2*v5*v3^15*v4/9828 - 826434041*v1*v2^2*v5*v3^14*v4^2/546
- 5767278437*v1*v2^2*v5*v3^13*v4^3/19656 + 41589678337*v1*v2^2*v8*v3*v4^9/39312
+ 107994100445*v1*v2^2*v5*v3^4*v4^4/19656 - 2810428371*v1*v2^2*v8*v3^4*v4^11/936
+ 124610477863*v1*v2^2*v8*v3*v4^2/19656 - 13770741651*v1*v2^2*v8*v4^3/14/2457 - 3329632213*v1*v2^7*v3^14/1872
- 3673313635*v1*v2^2*v8*v3^7*v4^7/39312 - 6491960445*v1*v2^2*v8*v3^9/14/204 - 227052803*v1*v2^2*v7*v3^11*v4^3/819
- 72028684597*v1*v2^2*v7*v3^10*v4^4/39312 + 6702838817*v1*v2^2*v7*v3^9*v4^5/19656
- 6510151809*v1*v2^2*v7*v3^8*v4^6/13104 - 2151833735*v1*v2^2*v7*v3^6*v4^8/5616 + 251280751*v1*v2^2*v3^20/39312
- 156649651*v1*v2^2*v3^19*v4/3276 + 3655724815*v1*v2^2*v3^18*v4/2/39312 - 1220246735*v1*v2^2*v3^17*v4^3/5616
+ 2970303299*v1*v2^2*v3^16*v4^4/9828 - 8916932299*v1*v2^2*v3^15*v4^5/19656 + 1002847641*v1*v2^2*v3^14*v4^6/1456
- 5514672991*v1*v2^2*v3^13*v4^7/4914 + 68192248073*v1*v2^2*v3^12*v4^8/39312
- 25763016661*v1*v2^2*v3^11*v4^9/9828 + 3480052421*v1*v2^2*v3^10*v4^10/9828
- 3013052017*v1*v2^2*v3^9*v4^11/702 + 178868110193*v1*v2^2*v3^8*v4^12/39312
- 168273875591*v1*v2^2*v3^7*v4^4/39312 + 34137858743*v1*v2^2*v3^6*v4^4/9828
- 7442910329*v1*v2^2*v3^5*v4^15/3024 + 1037279899*v1*v2^2*v3^4*v4^16/702 - 30867149671*v1*v2^2*v3^3*v4^17/39312
+ 2168814863*v1*v2^2*v3^2*v4^8/6552 - 221637553*v1*v2^2*v3*v4^9/16/19656 + 1143158465*v1*v2^2*v4^2/39312
- 1374066831*v1*v2^2*v3^19*v4/2/2880 + 1602245531*v1*v2^2*v3^18*v4/2/39312 - 36904933*v1*v2^3*v3^17*v4^4/168
+ 1618281043*v1*v2^3*v3^16*v4^5/4914 - 772066943*v1*v2^3*v3^15*v4^6/2184 + 846320255*v1*v2^3*v3^14*v4^7/5616
+ 12111515898*v1*v2^3*v3^13*v4^7/2880 + 7717114541*v1*v2^3*v3^12*v4^9/5616 + 1259492767*v1*v2^3*v3^11*v4^10/504
- 7448731339*v1*v2^3*v3^10*v4^11/216 + 153674799041*v1*v2^3*v9*v4^12/39312 - 146702161003*v1*v2^3*v8*v4^13/39312
+ 40894542203*v1*v2^3*v7*v4^14/13104 + 867161747*v1*v2^2*v4^3*v3^17/5616 + 2668334299*v1*v2^2*v4^3*v6/4/9828
+ 252989125*v1*v2^2*v4^3*v4^2/546 + 4998091843*v1*v2^2*v4^3*v4^3/19656
- 4356346955*v1*v2^2*v4^3*v3^12*v4^5/4914 - 17782384729*v1*v2^2*v4^3*v11*v4^6/9828
- 3431540191*v1*v2^2*v4^3*v3^14*v4^7/39312 - 7947978125*v1*v2^2*v3^7*v4^8/5616
- 6677713525*v1*v2^2*v4^3*v3^8*v4^9/5616 + 98587364053*v1*v2^2*v4^3*v7*v4^10/39312
- 9218481073*v1*v2^2*v4^3*v3^16*v4^11/3276 - 155814881825*v1*v2^2*v4^3*v5*v4/13/39312
- 62752486661*v1*v2^2*v4^3*v3^4*v4^13/19656 + 180409156191*v1*v2^2*v4^3*v3^4*v4^14/5616
- 180120192017*v1*v2^2*v4^3*v2^4*v4/19656 + 23157722133*v1*v2^2*v4*x3*v4^16/1456 - 2417653219*v1*v2^2*v4^4*v17/6552
- 1630126371*v1*v2^2*v3^2*v4/18/4914 - 6684787019*v1*v2^2*v3^2*v4/17/4914 - 6552061*v1*v2^2*v3^2*v4^2/252
- 4078587661*v1*v2^2*v3^3*v4^14*v4/9828 + 4035176515*v1*v2^2*v3^3*v4^5/3276
- 2575586661*v1*v2^2*v4^2*v3^4*v4^13/19656 + 158409156191*v1*v2^2*v4^2*v3^3*v4^14/5616
- 180120192017*v1*v2^2*v3^2*v4/12/4914 - 23157722133*v1*v2^2*v4*x3*v4^16/1456 - 2417653219*v1*v2^2*v4^4*v17/6552
- 4494713126*v1*v2^2*v3^3*v4^2/13/819 + 202884191*v1*v2^2*v7*v4^14/252 + 12886670083*v1*v2^2*v6*v3^15/13104
+ 12223380173*v1*v2^2*v3^2*v4^12*v4^5/252 + 23205608629*v1*v2^2*v6^3*v3^4/2/6552 + 20487694*v1*v2^2*v6*v3^12*v4^3/819
+ 363809979171*v1*v2^2*v6^3*v3^11*v4^4/19656 - 69228713527*v1*v2^2*v6^3*v3^9*v4^7/4914
+ 24454773719*v1*v2^2*v7*v3^4*v4^7/13104 + 53572485295*v1*v2^2*v7*v3^7*v4^12/2457
- 32439948077*v1*v2^2*v6^3*v4^9/19656 + 53851023413*v1*v2^2*v6^3*v5^4/10/13104 - 9903263*v3^21*v1/3276
- 165652323373*v1*v2^2*v4^4*v7/39312 - 104490581491*v1*v2^2*v3^2*v4^2*v6/13104
- 1648640399*v1*v2^2*v3^3*v4^8/10/19656 - 3185340013*v1*v2^2*v3^2*v4^14*v4^10/19656
+ 58292782175*v1*v2^2*v3^3*v6*v4^12/39312 - 3124112327*v1*v2^2*v3^3*v5*v4/13/2457
+ 91977005723*v1*v2^2*v3^3*v4^2/14/39312 - 112315171*v1*v2^2*v3^3*v3^3*v4^15/56
+ 595513951*v1*v2^2*v3^2*v4^16/546 - 86359565*v1*v2^2*v3^14*v4/11/12 + 3645924773*v1*v2^2*v3^4*v4^18/19656
- 925177*v1*v2^2*v3^19*v4/914 + 3331518317*v1*v2^2*v3^18*v4/39312 + 1001507593*v1*v2^2*v3^16*v4^3/6552
+ 5697702481*v1*v2^2*v3^15*v4^4/39312 - 1381495703*v1*v2^2*v3^14*v4^5/1872
- 5474701518591*v1*v2^2*v3^5*v4^9/19656 + 1244262657*v1*v2^2*v3^4*v4^10/39312
- 101801156643*v1*v2^2*v3^15*v4^4/19656 + 3572485295*v1*v2^2*v7*v3^2*v4/12/2457
- 4494713126*v1*v2^2*v7*v3^4*v4^13/819 + 202884191*v1*v2^2*v7*v4^14/252 + 12886670083*v1*v2^2*v6*v3^15/13104
+ 12223380173*v1*v2^2*v6^3*v4^5/252 + 23205608629*v1*v2^2*v6^3*v3^4/2/6552 + 20487694*v1*v2^2*v6*v3^12*v4^3/819
+ 363809979171*v1*v2^2*v6^3*v4^9/19656 - 69228713527*v1*v2^2*v6^3*v3^9*v4^7/39312
- 14454773719*v1*v2^2*v7*v3^4*v4^7/13104 + 5359448077*v1*v2^2*v6^3*v3^7*v4^8/13104
- 32439948077*v1*v2^2*v6^3*v4^9/19656 + 53851023413*v1*v2^2*v6^3*v5^4/10/13104 - 9903263*v3^21*v1/3276
- 165652323373*v1*v2^2*v4^4*v7/39312 - 22005655823*v1*v2^2*v3^4/7/432 - 43513269383*v1*v2^2*v4^4*v9/9828
- 65241697723*v1*v2^2*v3^2*v4^8/13104 - 25238669745*v1*v2^2*v3^4*v9/39312 - 3584533259*v1*v2^2*v4^10/504
+ 9452011799*v1*v2^2*v3^4*v4^9/2184 - 2953265451*v1*v2^2*v3^4*v3^4/564 + 42989517475*v1*v2^2*v3^4*v4/9828
+ 10960931035*v1*v2^2*v3^4*v3^4/19656 + 3879954257*v1*v2^2*v3^7*v4/11/12 - 36516938519*v1*v2^2*v3^4*v4^5/39312
+ 80061969985*v1*v2^2*v3^4*v4^9/19656 - 425742937*v1*v2^2*v3^4*v4/10/13104 - 134606963251*v1*v2^2*v3^4*v4/39312
+ 18227416507*v1*v2^2*v3^4*v4^5/13104 - 279019910221*v1*v2^2*v5^4/7/5616
+ 8022197899*v1*v2^2*v3^4*v2^4/6/3024 - 36848605273*v1*v2^2*v3^4*v2^4/252 - 43513269383*v1*v2^2*v4^4/9828
+ 137857486267*v1*v2^2*v3^2*v4^8/39312 + 9879911035*v1*v2^2*v3^2*v4^7/1008
+ 16716929679*v1*v2^2*v3^3*v4^8/39312 + 68413674041*v1*v2^2*v3^4*v4^9/13104
+ 1696547014*v1*v2^2*v3^2*v4^8/8/819 - 31569383519*v1*v2^2*v3^4*v4^9/19656 + 2897078497*v1*v2^2*v4^10/756
+ 80061969985*v1*v2^2*v3^4*v4^9/19656 - 425742937*v1*v2^2*v3^4*v4/10/13104 - 134606963251*v1*v2^2*v3^4*v4/39312
+ 18227416507*v1*v2^2*v3^4*v4^5/13104 - 31361677823*v1*v2^2*v3^4*v4/10/13104
- 218417032097*v1*v2^2*v3^4*v3/39312 + 3248394077*v1*v2^2*v3^4*v4/4368
- 47534221053*v1*v2^2*v3^4*v4^5/1456 - 649028945*v1*v2^2*v3^2*v4^4/1872 - 27667287701*v1*v2^2*v3^4*v5/39312
- 420507253*v1*v2^2*v3^4*v4^6/112 - 87989526455*v1*v2^2*v3^2*v4^5/39312 + 1404877933*v1*v2^2*v3^4*v6/13104
- 840897237*v1*v2^2*v3^4*v4^7/7/2808 - 11805612661*v1*v2^2*v3^2*v4^5/3024 - 10564232963*v1*v2^2*v5^3*v4/7/4914
- 831469096939*v1*v2^2*v3^4*v4^8/19656 - 1876487617432*v1*v2^2*v3^4*v4^9/1512 + 1918119849*v1*v2^2*v4^3*v4^8/364
- 1379984891*v1*v2^2*v3^4*v4^9/546 - 213695346695*v1*v2^2*v3^2*v4^5/16/23 - 1640840327*v1*v2^2*v3^4*v4/351
- 5199077*v1*v2^2*v3^4/1008 - 273901*v2^2*v3^2*v4/2/1008 - 71291586369*v1*v2^2*v3^4/35/4368
- 1484591689*v1*v2^2*v3^4*v4^2/702 + 10869018691*v1*v2^2*v3^2*v4/39312 - 1483728539*v1*v2^2*v4/2/19656
+ 565748017*v1*v2^2*v3^4*v4^3/3024 + 7698705745*v1*v2^2*v3^4*v4/39312 - 484575361*v1*v2^2*v3^2*v4/2/2457
+ 392807543*v1*v2^2*v3^4*v4/2457 + 48016093*v1*v2^2*v3^2*v4/2/234 + 4394386901*v1*v2^2*v3^4/3/19656
+ 1270719269*v1*v2^2*v3^4*v4/6552 - 1926925937*v1*v2^2*v3^4*v4/2/9828 - 1919883987*v1*v2^2*v3^4*v4/34368
- 3150875953*v1*v2^2*v3^4*v4/6552 - 4814851409*v1*v2^2*v3^2*v4/2/9828 - 2116111507*v1*v2^2*v3^4*v4/5616
- 10136422897*v1*v2^2*v3^2*v4^2/19656 - 480137899*v1*v2^2*v3^2*v4/1008 - 1301956811*v1*v2^2*v3^2*v4/2/3276
- 15716677915*v1*v2^2*v3^2*v4^2/39312 - 22362152375*v1*v2^2*v3^2*v4/2/9828 - 2699625973*v1*v2^2*v3^2*v4/5616
- 424127584*v1*v2^2*v3^2*v4^2/8/2108 + 63583495841*v1*v2^2*v3^2*v4/4/9828 + 9000131642*v1*v2^2*v3^4*v4/2/2457
- 6077132891*v1*v2^2*v3^4*v4^3/2/2108 - 2724671773*v1*v2^2*v3^4*v4/7/9828 + 9000131642*v1*v2^2*v3^4*v4/8/2457
- 120717478187*v1*v2^2*v3^4*v4/6/9828 - 9858184957*v1*v2^2*v3^4*v4/5/1404
- 7860047569*v1*v2^2*v3^4*v4/4/19656 - 63579628499*v1*v2^2*v3^4*v4/9/19656
+ 52823454991*v1*v2^2*v3^4*v4/4/19656 + 837068116*v1*v2^2*v3^4*v4/6/351
+ 358928696699*v1*v2^2*v3^4*v4/7/6552 + 85371592847*v1*v2^2*v3^4*v4/8/39312 - 23054611613*v1*v2^2*v3^4*v4/9/6552
+ 15189668047*v1*v2^2*v3^4*v4/10/3024 - 262535473*v1*v2^2*v3^4*v4/11/408
- 9086197721*v1*v2^2*v3^4*v4/13/456 + 195325325633*v1*v2^2*v3^4*v4/14/39312 - 9522396737*v1*v2^2*v3^4*v4/15/2808

+ 8649258017*v1*v3^6*v4^16/4368 - 6470122283*v1*v3^5*v4^17/6552 + 16388824357*v1*v3^4*v4^18/39312
 - 417208061*v1*v3^3*v4^19/2808 - 1742779567*v1*20*v3^2*v4/39312 + 751981715*v1*19*v3^3*v4/6552
 + 406357337*v1*19*v3^2*v4^2/3276 - 375692353*v1*18*v3^3*v4^2/1404 - 54440927*v1*3*v3^19*v4/2184
 - 57474343519*v1*3*v3*v4^19/39312 + 94698479*v1*2*v3*v4^20/2184 + 1726720435*v1*v3^2*v4^20/39312
 - 103006828*v1*120*v3*v4^2/2457 + 21159041*v1*19*v3*v4^3/208 - 1777242499*v1*18*v3^2*v4^3/6552
 - 9475452881*v1*18*v3^4*v4/39312 - 52690487*v1*18*v3*v4^2/2808 + 8025947191*v1*17*v3^5*v4/19656
 + 18807542471*v1*17*v3^4*v4/2/39312 + 3110918651*v1*17*v3^3*v4^3/6552 + 19354387951*v1*17*v3^2*v4^4/39312
 + 8753297575*v1*17*v3*v4^5/39312 - 11894206101*v1*16*v3^6*v4/19656 - 26755939393*v1*16*v3^5*v4^2/39312
 - 258367453*v1*16*v3^4*v4^3/364 - 13326473647*v1*16*v3^3*v4^4/19656 - 29418869479*v1*16*v3^2*v4^5/39312
 - 5900679*v1*16*v3*v4^6/112 - 78206249*v1*14*v3^8*v4/168 - 29416676747*v1*14*v3^7*v4^2/39312
 - 8423631689*v1*14*v3^6*v4^3/13104 - 25659349039*v1*14*v3^5*v4^4/39312 - 36101222723*v1*14*v3^4*v4^5/39312
 - 654071845*v1*14*v3^4*v4^6/1872 - 2584158655*v1*14*v3^2*v4^7/19656 - 67451899*v1*12*v3^10*v4/3024
 + 19597841*v1*12*v3*v4^2/936 + 1487426705*v1*12*v3^8*v4^3/9828 + 825858515*v1*12*v3^7*v4^4/6552
 + 2491167*v1*12*v3^6*v4^6/208 + 109587127*v1*12*v3^5*v4^6/1872 - 1553283547*v1*12*v3^4*v4^7/1638
 + 70429439687*v1*12*v3^3*v4^8/39312 - 10433015269*v1*12*v3^2*v4^9/4368 + 2771760241*v1*12*v3*v4^10/504
 - 246389713*v1*11*v2*v11*v4/504 - 14069693*v1*11*v3^10*v4^2/28 - 135919943*v1*11*v2*v9*v4^3/252
 - 7156315*v1*11*v3^8*v4^7/14 - 1142674777*v1*11*v3^7*v4^5/1512 - 101745163*v1*11*v3^6*v4/6432
 - 282850096*v1*11*v3^4*v4^7/189 + 551423327*v1*11*v3^4*v4^8/432 - 5012456611*v1*11*v3^3*v4^9/1512
 + 61776978*v1*11*v3^2*v4^8/1089 + 189132929*v1*10*v3^3*12*v4/336 + 635018257*v1*10*v3^11*v4^2/756
 + 1987452905*v1*10*v3^4*v4^3/3024 + 2670144815*v1*10*v3^9*v4^4/3024 + 690954493*v1*10*v3^8*v4^5/1008
 + 51282587*v1*10*v3^6*v4/648 - 156248311*v1*10*v3^6*v4^7/3024 + 6220857301*v1*10*v3^2*v4^11/1512 - 168463019*v1*9*v3^13*v4/351
 - 35796394793*v1*9*v3^12*v4^2/39312 - 3486140449*v1*9*v3^11*v4/5616 + 1635998285*v1*17*v2^6/1456
 + 1064517535*v1*15*v3^6*v4/2/13104 + 734921673*v1*15*v3^5*v4/9828 + 665178589*v1*15*v3^4*v4^4/728
 + 3347716397*v1*15*v3^3*v4^5/4914 + 1911155269*v1*15*v3^2*v4^6/1872 - 11028219901*v1*15*v3*v4^7/19656
 - 7424555321*v1*12*v3^2*v4^2/1512 - 1537922871*v1*12*v2^9*v3^2/4914 - 26754684905*v1*12*v2^9*v3*v4/19656
 - 10913302021*v1*12*v2^2*v4^2/2184 - 2547648019*v1*12*v2^8*v3^3/936 - 8424320867*v1*12*v2^8*v4^2/2808
 - 4454417861*v1*12*v2^7*v3^2*v4^2/2636 - 682769927*v1*12*v2^7*v3^4/1456 + 752582383*v1*12*v2^7*v3^3*v4/5616
 - 329110700891*v1*12*v2^2*v3^2*v4^2/5616 - 5607921313*v1*12*v2^6*v3^5/1872 - 17913671771*v1*12*v2^6*v3^4*v4/5616
 - 4984911455*v1*12*v2^6*v3^2*v4^2/3276 - 1732211291*v1*12*v2^5*v3^6/468 - 55988651827*v1*12*v2^5*v3^5*v4/19656
 - 6329128145*v1*12*v2^5*v3^4*v4^2/1512 - 89571433999*v1*12*v2^4*v3^7/39312
 - 5683946793*v1*12*v2^4*v3^6*v4/39312 - 24962080435*v1*12*v2^4*x3^5*v4^2/9828
 - 26455666093*v1*12*v2^3*v3^8/4914 - 25664602883*v1*12*v2^3*v3^7*v4/6552
 - 54542852681*v1*12*v2^3*v3^6*v4^2/9828 - 16036011097*v1*12*v2^2*v3^9/19656
 - 8525280677*v1*12*v2^2*v3^8*v4/19656 - 24870381135*v1*12*v2^2*v3^7*v4/2/39312
 - 203199588111*v1*12*v2*v3^10/3024 - 190627175347*v1*12*v2*v3^9*v4/39312 - 66727127671*v1*12*v2*v3^8*v4^2/9828
 + 81051559*v1*11*v2^11*x3/252 + 1852431539*v1*11*v2^11*x4/336 - 8385390347*v1*11*v2^10*v3^2/3024
 + 29408589173*v1*12*v2^2*x3^3*v4^4/13104 + 12028112407*v1*15*v2^3*x3^3*v4^2/4914
 + 4273371113*v1*15*v2^2*x3^2*v4^3/4368 - 7163397121*v1*15*x2^3*x3^5*v4/4368
 + 27450816737*v1*15*v2^2*x3^4*v4^2/13104 + 143193421745*v1*15*x2^3*v4^3/39312 + 8553587647*v1*15*x2^3*v4/3024
 + 164940643571*v1*15*v2^3*x3^5*v4^2/4914 - 3054283649*v1*14*x2^8*v3/1404 - 38114565641*v1*14*x2^8*v4/9828
 - 122801417771*v1*14*v2^7*v3^2/39312 - 37133273641*v1*14*v2^7*v3^4/19656 - 3105640361*v1*14*v2^7*v4^2/756
 - 20814544691*v1*14*v2^6*x3^3/v652 - 3757206471*v1*14*v2^6*x3^2*v4/144 - 10753593375*v1*14*v2^6*x3^4*v2/39312
 - 793757825*v1*14*v2^5*x3^4*v4/2184 - 18440423923*v1*14*x2^5*x3^4/v6516
 - 47490127837*v1*14*v2^5*x3^2*v4^2/13104 - 2934903787*v1*14*v2^4*x3^5/9828
 - 950677245137*v1*14*v2^4*x3^4*v4/39312 - 6269099462*v1*14*x2^4*x3^3*x4^2/2457
 - 50536632779*v1*14*v2^3*x3^6/4914 - 26346602883*v1*12*v2^3*x3^7*v4/6552
 - 10524483373*v1*14*v2^2*x3^6*v4^2/9828 - 16036011097*v1*12*v2^2*x3^7*v4/39312
 - 33546417605*v1*14*v2^2*x3^6*x4/19656 - 30779295605*v1*14*v2^2*x3^5*v4/13104
 + 20030033993*v1*14*x2^3*v3^2/39312 - 37871213789*v1*14*x2^3*v4/9828 - 3611118391*v1*14*x2^3*v4^2/756
 + 12880926555*v1*13*x2^9*v3/6552 + 5085327257*v1*13*x2^9*v4/1092 + 1467868723*v1*13*x2^8*v3/24368
 + 5087983549*v1*13*x2^8*x3^4/v2808 + 95134349825*v1*13*x2^8*x4^2/19656 - 43528900369*v1*13*x2^7*x3^3/13104
 + 8428308557*v1*13*x2^7*x3^2*v4^2/2808 + 433280499*v1*13*x2^7*x3^4*v4^2/39312
 + 10967959733*v1*13*x2^6*x3^3*v4/9828 + 30713033005*v1*13*x2^6*x3^2*v4^2/6552
 + 143902108429*v1*13*x2^5*x3^4*v4/39312 - 34079190701*v1*17*x2^5*x3/39312
 + 39688508099*v1*17*x2^5*x4/39312 + 4834962733*v1*17*x2^4*x3^2/4914 + 1558650629*v1*17*x2^4*x3^4/2184
 + 42447011431*v1*17*x2^4*x3^4*v4/2/39312 + 20084991497*v1*17*x2^3*x3^3/39312 + 32764478759*v1*17*x2^3*x3^2*v4/39312
 + 4653290275*v1*17*x2^3*x3^4*v4/2/5616 + 349829477*v1*17*x2^3*x3^4/364 + 29759204051*v1*17*x2^3*x3^4/39312
 + 114324760333*v1*17*x2^2*x3^2*x4^2/2/13104 - 55742127689*v1*16*x2^6*x3/39312 - 3565663765*v1*16*x2^6*v4/19656
 - 5605206421*v1*16*x2^5*x3^2/3276 - 739488889*v1*16*x2^5*x3^4/6424 - 4828089418*v1*16*x2^5*v4^2/2457
 - 3206217421*v1*16*x2^4*x3^2*x4^3/1873 - 6645808157*v1*16*x2^4*x3^2*v4/4914 - 52349073229*v1*16*x2^4*x3*v4^2/39312
 - 72453284959*v1*16*x2^3*x3^4/39312 - 4520153887*v1*16*x2^3*x3^3*v4/3276
 - 67483791815*v1*16*x2^3*x3^2*x4^2/39312 - 20748562189*v1*16*x2^2*x3^2/39312
 - 24856879435*v1*16*x2^2*x3^3*x4^4/19656 - 27408004249*v1*16*x2^2*x3^3*x4^2/19656
 - 89221462795*v1*16*x2^3*x3^4*v4/39312 - 273901*x2^2/23/1008 - 2524685897*v1*18*x2^5*x3^4*v4^6/364
 + 20062226785*v1*16*x2^8*x3^3*x4^6/4914 - 6145812871*v1*6*x2^7*x3^4*v4/1404
 - 7983370861*v1*6*x2^7*x3^5*v4^5/4914 - 41420930387*v1*6*x2^7*x3^4*v4^6/9828
 + 73351669549*v1*6*x2^6*x3^8*v4/39312 + 564881206*x1*6*x2^6*x3^6*v4^5/351
 + 16538183423*v1*6*x2^6*x3^4*v4^7/9828 - 9324062383*v1*6*x2^6*x3^4*v4^8/1404
 - 6162747637*v1*6*x2^5*x3^9*v4^3/2184 - 166666630297*v1*6*x2^5*x3^8*v4^4/39312
 - 3319509923*v1*6*x2^5*x3^6*x4^6/702 - 23740922*x1*6*x2^5*x3^5*v4^7/13 - 28008208879*v1*6*x2^5*x3^4*v4^8/4914
 - 1056964250853*v1*6*x2^5*x3^5*x4^9/2457 - 2323120653*x1*6*x2^4*x3^4*x4^9/13104
 + 7588699901*v1*6*x2^4*x3^8*x4^5/5616 + 8474174383*v1*6*x2^4*x3^6*x4^7/9828
 + 21330363217*v1*6*x2^4*x3^5*x4^8/3276 - 17092028*x1*6*x2^4*x3^4*x4^9/2457
 + 19851949745*v1*6*x2^4*x3^3*x4^4/10/4914 - 53474238053*v1*6*x2^3*x3^2*x4^4/19656
 - 22281473*v1*6*x2^3*x3^9*v4^5/48 - 78485419325*v1*6*x2^3*x3^8*v4/19656
 - 26472187921*v1*6*x2^3*x3^6*x4/8/4914 - 4386448271*v1*6*x2^3*x3^5*v4/4914
 + 40437806171*v1*6*x2^3*x3^4*x4^10/9828 - 362167307651*v1*6*x2^3*x3^3*x4^11/9828
 + 9055680853*x1*6*x2^5*x3^5*x4^9/6378 - 39630935675*x1*5*x2^4*x3^8*v4^4/39312
 - 10197865915*v1*5*x2^4*x3^8*x4^5/5616 + 8474174383*v1*6*x2^4*x3^6*x4^7/9828
 + 6714256177*v1*5*x2^11*x3^3*x4^2/5616 - 3616068947*v1*5*x2^11*x3^2*x4^5/4368
 - 15002989205*v1*5*x2^10*x3^5*x4^3/3276 - 22082247199*v1*5*x2^10*x3^4*x4^4/39312
 - 143075855337*v1*5*x2^10*x3^4*x5/5616 + 14181096791*v1*5*x2^9*x3^5*x4/39312
 + 167956660903*v1*5*x2^9*x3^4*x5/4914 + 403634317*v1*11*x2^6*x3^6/189 + 4970319799*v1*11*x2^6*x3^5*v4/2808
 + 103442184049*v1*11*x2^6*x3^4*x4^2/39312 + 138531412381*v1*11*x2^5*x3^4/7/39312
 + 101795687807*v1*11*x2^5*x3^6*x4/39312 + 191624281*v1*11*x2^5*x3^5*x4^2/48 + 9561992119*v1*11*x2^4*x3^8/9828
 + 5796171421*v1*11*x2^4*x3^7*x4/19656 + 673170118551*v1*11*x2^4*x3^6*x4/39312
 + 218910952681*v1*11*x2^3*x3^4*x4/13104 + 54644702107*v1*11*x2^3*x3^8/13104
 + 738289336393*v1*11*x2^3*x3^7*x4/13104 - 476719511*v1*11*x2^2*x3^10/756
 - 1180523663337*v1*11*x2^2*x3^9*x4/19656 - 29987521*v1*11*x2^2*x3^8*x4^2/468 + 6803669641*v1*11*x2^3*x4^10/4512
 + 31424726651*v1*10*x2^4*x3^2*x4/2/461 + 239501225*v1*10*x2^4*x3/432 - 2788302493*v1*10*x2^2*x4/756
 - 7017186541*v1*10*x2^2*x3^2/3024 - 466825057*v1*10*x2^1*x3/4/1008 - 5248724674*v1*10*x2^1*x3/4/2/1512
 - 13494430693*v1*10*x2^1*x3/4/2/39312 - 88020921005*v1*10*x2^1*x3/2*v4/39312
 - 29384956729*v1*10*x2^1*x3/4/2/19656 - 11507002289*v1*10*x2^1*x3/4/2/39312
 + 32927383097*v1*10*x2^1*x3/4/2/39312 - 21744425427*v1*10*x2^1*x3/4/2/39312
 - 79580883847*v1*10*x2^1*x3/4/2/39312 - 48039009631*v1*10*x2^1*x3/4/2/39312
 - 6757692611*v1*10*x2^1*x3/4/2/39312 - 1544411623*v1*10*x2^1*x3/4/2/39312 - 289528108*v1*10*x2^1*x3/4/2/39312
 + 109662429893*v1*13*x2^5*x3^3*x4^2/39312 - 127442191493*v1*13*x2^4*x3^4*x4/2/39312
 + 62502506867*v1*13*x2^3*x3^7/13104 + 5371085893*v1*13*x2^3*x3^6*x4/152
 + 184154638933*v1*13*x2^3*x3^5*x4/2/39312 + 76559332201*v1*13*x2^2*x3^8/39312
 + 8352883193*v1*13*x2^2*x3^7*x4/6552 + 13641349409*v1*13*x2^2*x3^6*x4/2/6552 + 245394218215*v1*13*x2^3*x9/39312
 + 11312418751*v1*13*x2^3*x3^8*x4/2/457 + 18266066389*v1*13*x2^2*x3^7*x4/2/3024 - 141563461*v1*12*x2^1*x3/112
 + 8554978225*v1*13*x2^2*x3^8*x4/3/19656 - 44437334077*v1*13*x2^2*x3^3*x4/10/6552
 - 1122970382*v1*13*x2^2*x3^4*x4/11/2457 + 314123662687*v1*13*x2^2*x3^4*x4/12/39312 - 9768059857*v1*13*x2^2*x3^4/13104
 - 1085617199*v1*13*x2^2*x3^4*x4/14/6552 - 65348249891*v1*13*x2^2*x3^4*x4/13/39312 - 14372611661*v1*13*x2^2*x3^4/13104
 - 284050179493*v1*13*x2^2*x3^8*x4/3/39312 - 2381357473*v1*13*x2^2*x3^8*x4/10/42457
 - 50507111711*v1*13*x2^2*x3^9*x4/5/218 - 11266229389*v1*13*x2^2*x3^8*x4/6/9828 - 82788359963*v1*13*x2^2*x3^7*x4/7/19656
 - 5775145825*v1*13*x2^2*x3^6*x4/8/5616 - 88150194973*v1*13*x2^2*x3^5*x4/9/19656
 + 22911332429*v1*13*x2^2*x3^8*x4/10/39312 - 6295196965*v1*13*x2^2*x3^3*x4/11/936
 + 800313735953*v1*13*x2^2*x3^4*x4/12/39312 - 287566286515*v1*13*x2^2*x3^4*x4/13/39312 + 4512321719*v1*13*x2^2*x3^4/14/4368
 + 5281600321*v1*13*x2^2*x3^5*x4/15/5616 + 5476136837*v1*13*x2^2*x3^4*x4/4/9414 + 8935015691*v1*13*x2^2*x3^4/2/19656
 + 14262399007*v1*13*x2^2*x3^12*x4/3/2808 - 108328639*v1*13*x2^2*x3^11*x4/4/702 + 2943301271*v1*13*x2^2*x3^10*x4/5/1512

- 117170735*v1*v2^7*v3^9*v4^6/936 + 59207845195*v1*v2^7*v3^8*v4^7/19656 + 3631582511*v1*v2^7*v3^7*v4^8/2457
 + 9819560113*v1*v2^7*v3^6*v4^9/39312 + 9832172615*v1*v2^7*v3^5*v4^10/2457
 - 37058383301*v1*v2^7*v3^2*v4^13/13104 + 66488160941*v1*v2^7*v3^4*v4^14/13104 - 1852190849*v1*v2^7*v4^15/1872
 - 16534067929*v1*v2^6*v3^16/39312 - 27591493003*v1*v2^6*v3^15*v4/39312 - 1278115447*v1*v2^6*v3^14*v4^2/39312
 - 120482062007*v1*v2^6*v3^13*v4^3/39312 + 22195562981*v1*v2^6*v3^12*x4^4/39312
 - 13363232719*v1*v2^6*v3^11*x4^5/9828 + 2414167001*v1*v2^6*v3^10*x4^6/3276
 - 52378973795*v1*v2^6*v3^9*x4^7/19656 + 707044193*v1*v2^6*v3^8*x4^8/756 - 19911658517*v1*v2^6*v3^7*v4^9/6552
 + 92087824525*v1*v2^6*v3^6*x4^10/39312 - 30383322429*v1*v2^6*v3^5*x4^11/6552
 + 69287060033*v1*v2^6*v3^4*x4^12/19656 - 200899480763*v1*v2^6*x4^3/39312
 + 12237545681*v1*v2^6*v3^2*x4^14/4368 - 10820440975*v1*v2^6*x3*v4^15/3276 + 28938186787*v1*v2^6*v4^16/39312
 + 532458571*v1*v2^5*x3^17/39312 + 8315162575*v1*v2^5*x3^16*x4/19656 - 3780279521*v1*v2^5*x3^15*x4^2/19656
 + 26504615353*v1*v2^12*x3^6*x4^3/5616 + 35707349063*v1*v2^13*x3^5*x4^4/13104
 + 9290297621*v1*v2^12*x3^4*x4^5/3276 + 41175181651*v1*v2^13*x3^3*x4^6/13104
 + 104801821573*v1*v2^13*x3^2*x4^7/39312 + 159776220463*v1*v2^12*x3^4*x4^8/39312 + 42502538959*v1*v2^13*x4^9/39312
 - 3475950371*v1*v2^12*x3^10/1512 - 14477773195*v1*v2^12*x3^9*x4/4914 - 104274056423*v1*v2^12*x3^8*x4^2/39312
 - 974586441*v1*v2^12*x3^7*x4^3/1404 - 10011416303*v1*v2^12*x3^6*x4^4/2888
 - 1424232689491*v1*v2^12*x3^5*x4^5/39312 - 39414467965*v1*v2^12*x3^4*x4^6/19656
 - 17789934451*v1*v2^12*x3^3*x4^7/39312 - 39414467965*v1*v2^12*x3^2*x4^8/13104
 - 232824571639*v1*v2^12*x3^4*x4^9/39312 - 410405051*v1*v2^12*x4^10/432 - 938409929*v1*v2^11*x3^11/336
 + 940206317*v1*v2^11*x3^9*x4/3024 + 533084034*v1*v2^10*x3^7*x4^5/9312 - 148145728075*v1*v2^10*x3^6*x4^6/39312
 + 49504826401*v1*v2^11*x3^8*x4^3/5616 + 74892115999*v1*v2^11*x3^7*x4^4/19656
 + 151663792129*v1*v2^11*x3^6*x4^5/39312 + 3176025611*v1*v2^11*x3^5*x4^6/728
 + 161263991149*v1*v2^11*x3^4*x4^7/39312 + 54886138985*v1*v2^11*x3^3*x4^8/9828
 + 50935250251*v1*v2^11*x3^2*x4^9/19656 + 5650085569*v1*v2^11*x3*x4^10/756 - 1422572929*v1*v2^10*x3^12/504
 - 860699083*v1*v2^10*x3^11*x4/3024 - 181354003*v1*v2^10*x3^10*x4/2756 - 9648851453*v1*v2^10*x3^9*x4^3/1008
 - 8282192993*v1*v2^10*x3^8*x4/2457 - 323040834*v1*v2^10*x3^7*x4^5/9312 - 148145728075*v1*v2^10*x3^6*x4^6/39312
 - 12371305455*v1*v2^10*x3^5*x4^7/2457 - 4040254343*v1*v2^10*x3^4*x4^8/13104
 - 6332770783*v1*v2^10*x3^3*x4^9/9828 - 325393025*v1*v2^10*x3^2*x4^10/252 - 6237386425*v1*v2^10*x3*x4^11/756
 + 5135282871*v1*v2^10*x4^12/3024 + 93431985547*v1*v2^9*x3^13/39312 + 5640402611*v1*v2^9*x3^12*x4/2457
 + 35333429871*v1*v2^9*x3^11*x4^2/19656 - 352321820965*v1*v2^9*x3^10*x4^3/39312
 + 449410895031*v1*v2^9*x3^9*x4/19656 - 56086775591*v1*v2^9*x3^8*x4^5/19656 + 1073054779*v1*v2^9*x3^7*x4^6/364
 + 7228407887*v1*v2^9*x3^6*x4^7/1872 + 83733959219*v1*v2^9*x3^5*x4^8/19656 + 62805522995*v1*v2^9*x3^4*x4^9/39312
 + 24877997759*v1*v2^9*x2^2*x3^13*x4^6/13104 - 43755008389*v1*v2^9*x2^3*x3^12*x4/7/13104
 + 5985922851*v1*x2^15*x3^8*x4/9828 + 293465*v2^15*x3^7*x4/3144 - 445390875*v2^12*x3^4*x4/4368 + 103484287*v2^20*x3^3/2457
 - 1398652109*v2^19*x3^4*x4/9828 + 15746616191*v2^18*x3^5*x4/39312 - 119508061*v1*v2^17*x3^6*x4/126
 + 249983821821*v2^16*x3^7*x4/13104 - 3608866491*v2^9*x3^14/364 + 6812798017*v2^8*x3^15/3024
 - 18655889519*v2^13*x3^10/3024 + 3425310487*v2^12*x3^11/504 - 153594013*v2^11*x3^12/24
 - 2782343111*v2^7*x3^16/2457 + 18312624469*v2^6*x3^17/39312 - 656477233*x2^5*x3^18/4368
 - 374498587*x1*v2^16*x3^11*x4/1902 - 73607425*x2^3*x3^2*x4/19656 - 1522165*x2^2*x3^2*x4/21/1872
 - 4930554597*v2^13*x3^4*x4/9828 - 2146799*x2^13*x4^8/106 - 15735821825*x2^12*x3^9*x4/4368
 + 12369946405*x2^12*x3^8*x4^3/5616 + 31465189829*x2^12*x3^7*x4^4/6552 + 4355946619*x2^12*x3^6*x4^5/1404
 + 19828211099*x2^12*x3^5*x4^6/5616 + 52440184669*x2^12*x3^4*x4^7/19656 + 183677316733*x2^12*x3^3*x4^8/39312
 + 64519504423*x2^12*x3^2*x4^9/39312 + 603475533*x2^12*x3^4*x10/108 + 3279569*x2^12*x4^11/144
 + 19211329913*x2^9*x3^13*x4/39312 - 1560554127*x2^9*x3^12*x4/25616 + 64827241*x2^9*x3^11*x4/1512
 - 14265990493*x2^9*x3^10*x4/3024 - 486923890*x2^9*x3^9*x4/519 - 39764907941*x2^9*x3^8*x4/6/19656
 - 1388498143*x2^9*x3^7*x4/7/39312 + 1436519504423*x2^9*x3^6*x4/12/39312 - 4930554957*x2^9*x3*x4/13/9828
 + 34106755247*x2^9*x3^3*x4/11/6552 + 64519504423*x2^9*x3^2*x4/12/39312 - 4930554957*x2^9*x3*x4/13/9828
 + 3714633085*x2^9*x4/14/9414 + 39280742213*x2^9*x3^13*x4/2/19656 - 1621123093*x2^8*x3^12*x4/3/3024
 + 12075746069*x2^8*x3^11*x4/3024 - 5296159775*x2^8*x3^10*x4/5/6552 + 2258399209*x2^8*x3^9*x4/6/936
 - 1157213737*x2^8*x3^8*x4^7/2457 - 5819461961*x2^8*x3^6*x4/9/5616 - 9904048593*x2^8*x3^5*x4/10/2457
 - 73978000127*x2^8*x3^4*x4^2*x3^11*x4/11/39312 + 1366886491*v2^9*x3^14/364 + 6812798017*v2^8*x3^10*x4/39312
 + 10464388343*x2^8*x3^4*x4/14/2888 - 15510989111*v2^8*x4^15/2184 - 935124485*x2^5*x3^17*x4/19656
 - 3565412321*x2^9*x3^16*x4/13104 + 799385233*x2^9*x4/6/39312 - 57781042679*x2^4*x3^12*x4/7/19656
 - 9359524027*x2^5*x3^12*x4/6/5616 + 70671007*x2^5*x3^11*x4/7/54 - 5296159775*x2^5*x3^10*x4/8/6552
 - 486923890*x2^5*x3^9*x4/9/819 + 325310487*x2^5*x3^8*x4/10/19656 + 271202687173*x2^9*x3^4*x4/10/39312
 + 4359546619*x2^5*x3^6*x4/12/1404 - 4436788241*x2^5*x3^5*x4/13/1404 + 31389175397*x2^5*x3^4*x4/14/13104
 + 4687179370*x2^5*x3^4*x4/15/2457 + 13461964051*x2^5*x3^2*x4/16/1304 - 326567297*x2^5*x3*x4/17/468
 + 465210953*x2^5*x4/18/2888 + 324355439*x2^4*x3^17*x4/2/39312 - 7627878571*x2^4*x3^16*x4/2/39312
 - 6018296483*x2^4*x3^4*x4/14/4914 + 799385233*x2^4*x3^13*x4/6/39312 - 57781042679*x2^4*x3^12*x4/7/19656
 + 12075746069*x2^4*x3^11*x4/9/3024 - 14265994943*x2^4*x3^10*x4/9/3024 + 206231408107*x2^4*x3^9*x4/10/39312
 - 68091765457*x2^4*x3^8*x4/11/13104 + 31465189829*x2^4*x3^7*x4/12/39312 - 3663400993*x2^4*x3^6*x4/13/936
 + 1294215609*x2^4*x3^5*x4/13/106 - 179907603*x2^4*x3^4*x4/15/106 + 37473132143*x2^4*x3^3*x4/16/1456
 - 576334835*x2^4*x3^19*x3^4*x4/6/5622 - 1931046043*x2^4*x3^19*x3^2*x4/2/19656 - 723069293*x2^19*x3*x4/3/6552
 - 43480183*x2^19*x4/6/624 + 179966179*x2^18*x3^2*x4/2/6552 + 3366608123*x2^18*x3^2*x4/3/13104
 + 439858285*x2^18*x3*x4/4/1456 + 465210953*x2^18*x4/5/2888 - 996582941*x2^17*x3^5*x4/19656
 - 205866467*x2^17*x3^4*x4/2/364 - 1446635926*x2^17*x3*x4/3/2457 - 1865872517*x2^17*x3^2*x4/4/3276
 - 326567297*x2^17*x3^14*x4/5/468 - 6428345989*x2^17*x4/6/19656 + 3491941825*x2^16*x3^5*x4/2/3276
 + 461942029*x2^16*x3^4*x4/3/4324 + 179907603*x2^16*x3^3*x4/4/1456 + 13461964051*x2^16*x3^2*x4/5/13104
 + 9166208657*x2^16*x3^2*x4/6/6552 + 14523913*x2^16*x3^1*x4/27/6552 - 55280631247*x2^13*x3^9*x4/3/39312
 - 3437958325*x2^13*x3^13*x4/2/19652 - 24232521905*x2^13*x3^12*x4/7/54 - 3663400993*x2^13*x3^6*x4/4/936
 - 4436788241*x2^13*x3^12*x4/14/4368 - 109282913387*x2^13*x3^4*x4/6/39312 - 74957509591*x2^13*x3*x4/7/19656
 - 42057517681*x2^13*x3^2*x4/8/19656 - 1865872517*x2^12*x3^2*x4/17/3276 + 439858285*x2^12*x3*x4/18/1456
 - 43480183*x2^17*x4/4/19/624 - 2568647153*x2^16*x3^19*x4/19/19656 - 20378803*x2^3*x3^18*x4/2/13104
 - 7627878571*x2^3*x3^16*x4/4/39312 + 3656117831*x2^3*x3^15*x4/5/9828 - 2503846171*x2^3*x3^14*x4/6/4368
 + 5913637*x2^3*x3^13*x4/7/9 - 1621123093*x2^3*x3^12*x4/8/3024 + 64827241*x2^3*x3^11*x4/9/1512
 + 13680436073*x2^3*x3^10*x4/10/19656 - 3061873885*x2^3*x3^9*x4/11/19656 + 12369946405*x2^3*x3^8*x4/12/5616
 - 2423251905*x2^3*x3^7*x4/13/9828 + 416705115*x2^3*x3^6*x4/14/1872 - 185670039*x2^3*x3^5*x4/15/1092
 + 461942029*x2^3*x3^5*x4/16/4324 - 1464635926*x2^3*x3^4*x4/17/2457 + 3366608123*x2^3*x3^2*x4/18/13104
 - 723069293*x2^3*x3*x4/19/6552 + 942579277*x2^2*x3^4/13104
 + 3242355439*x2^2*x3^17*x4/4/39312 - 3565412321*x2^2*x3^16*x4/5/13104 + 12722183423*x2^2*x3^15*x4/6/19656
 - 48552632419*x2^2*x3^14*x4/7/39312 + 39280742213*x2^2*x3^13*x4/8/19656 - 15050554127*x2^2*x3^12*x4/9/5616
 + 5146904779*x2^2*x3^11*x4/10/1512 - 46590055*x2^2*x3^10*x4/11/126 + 15753821825*x2^2*x3^9*x4/12/4368
 - 3437958325*x2^2*x3^8*x4/13/1092 + 4866882393*x2^2*x3^7*x4/14/19656 - 42485193632*x2^2*x3^6*x4/15/2457
 + 3491941825*x2^2*x3^5*x4/16/3276 - 2085664647*x2^2*x3^4*x4/17/364 + 1709966179*x2^2*x3^3*x4/18/16552
 - 1931046403*x2^2*x3^4*x4/19/19656 + 1328309279*x2^2*x3^4*x4/20/39312 - 5448316*x2^2*x4*x4/21/819
 + 1130017699*x2^20*x3^2*x4/9/39312 + 1328309279*x2^20*x3*x4/2/39312 + 942579277*x2^20*x4/3/39312
 + 432102001*x2^18*x3^2*x4/4/19656 + 1897847929*x2^14*x3^7*x4/2/19656 + 4866882393*x2^14*x3^7*x4/2/19656
 + 4167705115*x2^14*x3^6*x4/3/1872 + 12942185609*x2^14*x3^5*x4/4/368 - 31389175397*x2^14*x3^4*x4/5/13104
 + 4654599587*x2^14*x3^3*x4/6/1632 + 134404963533*x2^14*x3^2*x4/7/6552 + 10464388343*x2^14*x3*x4/8/2808
 + 3714633085*x2^14*x3^9*x4/9/4914 - 129800329*x2^10*x3^2*x4/7/5616 + 5146904779*x2^10*x3^1*x4/2/1512
 + 13680436073*x2^10*x3^10*x4/39312 + 206231408107*x2^10*x3^9*x4/4/39312 + 32531045327*x2^10*x3^8*x4/5/19656
 + 159982261*x2^6*x3^7*x4/10/54 - 86286161*x2^6*x3^6*x4/11/3024 + 229708681*x2^6*x3^5*x4/12/39312
 + 27102687173*x2^10*x3^4*x4/9/39312 - 313096709*x2^10*x3^2*x4/11/504 + 603474553*x2^10*x3*x4/12/1008
 - 2124679*x2^10*x3^16*x4/4/364 - 951865049*x2^9*x3^16*x4/5/4576 + 12722183423*x2^8*x3^15*x4/6/19656
 - 2503846171*x2^6*x3^14*x4/3/4368 + 799385233*x2^6*x3^13*x4/4/39312 - 9359524027*x2^6*x3^12*x4/5/6516
 - 4345986398*x2^6*x3^10*x4/7/2457 + 2258399209*x2^6*x3^9*x4/8/39312 - 39764907941*x2^6*x3^8*x4/9/19656
 + 159982261*x2^6*x3^7*x4/10/54 - 68286161*x2^6*x3^6*x4/11/3024 + 19828211099*x2^6*x3^5*x4/12/5616
 - 109282913387*x2^6*x3^4*x4/13/39312 - 465495987*x2^6*x3^3*x4/14/1638 - 64280273137*x2^6*x3^2*x4/15/39312
 + 9166208657*x2^6*x3^4*x4/16/6552 - 6420345989*x2^6*x3^3*x4/17/19656 - 28678669*x2^4*x3^18*x4/9/9828
 - 256847173*x2^6*x3^19*x4/3/19656 + 28678669*x2^6*x3^18*x4/4/9828 + 935124485*x2^6*x3^17*x4/5/19656
 - 19211329913*x2^6*x3^13*x4/9/39312 - 129800329*x2^6*x3^12*x4/10/756 - 134415857*x2^6*x3^11*x4/11/336
 + 764520769*x2^6*x3^10*x4/12/756 - 5528631247*x2^6*x3^9*x4/13/39312 + 1897847929*x2^6*x3^8*x4/14/3104
 - 2348958691*x2^6*x3^7*x4/15/19656 + 665888555*x2^6*x3^6*x4/16/819 - 9095682941*x2^6*x3^5*x4/17/19656
 + 432102001*x2^6*x3^4*x4/19/19656 - 576334835*x2^6*x3^3*x4/19/16552 - 1130017699*x2^6*x3^2*x4/20/39312
 - 26482769*x2^6*x3^4*x4/21/3276 + 115355*x2^6*x4/22/84 + 115355*x2^6*x4/22*x4/84 - 26482769*x2^6*x3^4*x4/2457
 - 5448316*x2^6*x3^2*x4/2/819 + 665888555*x2^6*x3^1*x4/4/819 - 2348958691*x2^6*x3^1*x4/5/19656
 - 4248519362*x2^6*x3^15*x4/2/2457 + 764520769*x2^6*x3^12*x4/10/756 - 134415857*x2^6*x3^11*x4/11/336
 - 46590055*x2^6*x3^10*x4/2/126 - 5029148429*x2^6*x3^9*x4/4/9828 + 1983854077*x2^6*x3^8*x4/5/9828
 - 48552632419*x2^6*x3^7*x4/2/39312 - 185670039*x2^6*x3^5*x4/3/1092 - 374731243*x2^6*x3^4*x4/4/19656
 - 4687179370*x2^6*x3^15*x4/5/2457 - 6248207313*x2^6*x3^14*x4/6/39312 - 47955764669*x2^6*x3^13*x4/7/19656
 - 155109891*x2^6*x3^15*x4/8/2184 - 30618737885*x2^6*x3^11*x3^9*x4/3/19656 - 6891765457*x2^6*x3^11*x3^8*x4/4/13104
 - 6988595803*x2^6*x3^11*x3^7*x4/5/2457 - 8682516979*x2^6*x3^11*x3^6*x4/6/3024 - 23286163247*x2^6*x3^11*x3^5*x4/7/6552
 - 7937800127*x2^6*x3^11*x4/14/2457 + 3416755247*x2^6*x3^11*x3^3*x4/9/6552 - 313096709*x2^6*x3^11*x3^2*x4/4/10/504
 + 32729569*x2^6*x3^11*x4/12/144 + 5913637*x2^6*x3^7*x4/3/9312 - 57781042679*x2^6*x3^7*x4/4/9656
 + 70671007*x2^6*x3^11*x4/5/54 - 4345968398*x2^6*x3^10*x4/6/2457 - 1157213737*x2^6*x3^8*x4/8/2457

- 1388498143*v^2*v^3*v^7*v^4*9^7/28 + 22970868071*v^2*v^7*v^3*6*v^4*10/13104 - 23286163247*v^2*v^7*v^3*5*v^4*11/6552
 + 52440184669*v^2*v^7*v^3*4*v^4*12/19656 - 74957509591*v^2*v^7*v^3*v^4*13/19656 + 13440936533*v^2*v^7*v^3*2*v^4*14/6552
 - 47955764669*v^2*v^7*v^3*v^4*15/19656 + 145243913*v^2*v^7*v^4*16/273 + 9874367*v^1*21*v^4*v^2/504
 + 6815759479*v^1*17*v^3*v^6/13104 - 3461015*v^1*22*v^3/1008 + 24566233*v^1*21*v^3/2/1638 - 656724641*v^1*20*v^3^3/13104
 + 175990967*v^1*19*v^3*v^4/13104 - 29472241493*v^1*16*v^3*v^7/39312 + 3728395225*v^1*15*v^3/8/4368
 - 443615107*v^1*14*x^3*v^9/624 + 462396569*x^1*13*x^3*10/1512 + 231074593*x^1*12*x^3*11/1008
 - 227663189*v^1*11*x^3*v^12/336 + 1322333035*v^1*10*x^3*13/1512 - 31486643731*v^1*9*x^3/14/39312
 + 825332017*v^1*8*x^3*15/1456 - 13258044763*v^1*7*x^3*16/39312 + 5234066207*v^1*6*x^3*17/39312
 - 6091135*v^1*5*x^3*18/156 + 66244615*v^1*4*x^3*19/13104 + 84976057*v^1*3*x^3*20/39312 - 924869*v^1*2*v^3*21/546,
LMI_29_4 = 819*x^1*25 - 968705*v^2*25/2856 - 202255*v^3*25/1428 - 968705*v^4*25/2856
 + 4326580585*v^1*17*v^2*7*v^3/816 + 254011197245*v^1*17*v^2*x/4/34272 + 10053969775*v^1*17*v^2*6*x^2/1632
 + 135152116567*v^1*17*v^2*6*x^4/2/17136 + 135451632343*v^1*17*v^2*5*x^3/1984 + 28670784574*v^1*17*v^2*5*x^4*3/34272
 + 120650780381*v^1*17*v^2*x^4*3*4/17136 + 68942215247*v^1*17*v^2*x^4*4/4856 + 252046542133*v^1*17*v^2*x^3*5/34272
 + 272276940973*v^1*17*v^2*x^3*4/5/34272 + 24406956167*v^1*17*v^2*x^3*6/3808 + 34355320301*v^1*17*v^2*x^4*6/11424
 + 44858722171*v^1*17*v^2*x^3*7/4896 + 46180499147*v^1*17*v^2*x^4/7/4284 + 17431424201*v^1*17*v^3*x^7/4/4856
 + 14082474349*v^1*17*v^2*x^6*x^4/2/5712 + 892720954*v^1*17*x^3*5*x^4/337 + 6252328153*x^1*17*v^3*x^4*v^4/2142
 - 876725940291*v^1*17*v^3*x^4/5/34272 + 86427401657*v^1*17*v^3*x^2/4/34272 - 16543733021*v^1*17*x^3*x^4/7/34272
 + 10350111809*v^1*11*x^2*x^3*x^4/11/672 + 217384343555*v^1*10*x^2*x^5*x^4/10/17136 + 281723392969*x^1*9*x^2*x^7/v^4/9/34272
 - 161940529465*v^1*8*x^2*x^4/8/34272 + 24795095251*v^1*7*x^2*x^11*x^7/8568 - 1170873739*v^1*6*x^2*13*x^4/6/357
 + 12345479135*v^1*5*x^2*15*x^4/5/17136 + 178037163739*v^1*4*x^2*x^7/4/43272 - 1891911671*v^1*3*x^2*x^19*x^4/3/11424
 + 2762467028*v^2*x^12*x^3*x^4/12/119 - 378511201679*x^2*x^11*x^3*x^4/11/17136 + 3576556505*x^2*x^10*x^3*x^5*x^4/10/272
 - 20882115437*v^2*x^9*x^7*x^4/9/2446 + 358339369*x^2*x^8*x^9/4/8/5686 + 4731528455*x^2*x^7*x^3*x^4/7/1428
 + 38501783*x^2*x^6*x^3*x^4/6/7 + 3369821971*x^2*x^5*x^3*x^15*x^4/5/8568 + 1470742737*x^2*x^4*x^3*x^4/9/4952
 + 120375379*x^2*x^3*x^19*x^4/3*8568 - 42791977*x^2*x^3*x^21*x^4/2/1984 - 216494801*x^1*22*x^2*x^3*x^4/2/1984
 - 901542473*v^1*2*x^2*x^3*x^21*x^4/11424 + 4177279*x^1*x^2*x^22*x^3*x^4/336 + 27378807*x^1*x^2*x^3*x^22*x^4/952
 + 1026081517*x^1*x^2*x^3*x^4/22/17136 + 917460847*x^1*x^2*x^3*x^4*x^2/153 + 47036676241*x^1*17*x^2*x^3*x^3*x^4/3*8568
 + 50292385891*x^1*17*x^2*x^3*x^4/4*8568 + 12329208887*x^1*17*x^2*x^3*x^4/5*2142
 + 8758894373*x^1*17*x^2*x^3*x^4/4*8/34272 + 70026744755*x^1*17*x^2*x^3*x^4*x^2/8568 + 9580378912*x^1*17*x^2*x^3*x^4*x^3/1071
 + 48335597627*x^1*17*x^2*x^3*x^4/4/5712 + 17625723737*x^1*17*x^2*x^3*x^4*x^5/2448 + 33615136069*x^1*17*x^2*x^3*x^4/6/4284
 + 14174382071*x^1*21*x^2*x^4/3*34272 - 289242151053*x^1*16*x^2*x^4/8/17136 + 541014358183*x^1*15*x^2*x^4/2/34272
 + 69387029871*x^1*15*x^2*x^4/7/4284 + 4139862125*x^1*15*x^2*x^4/4/2448 + 3986557861*x^1*15*x^2*x^4/5/238
 + 27871613439*x^1*15*x^2*x^4/6/1904 - 2459427129*x^1*20*x^2*x^4/4/4856 - 33847051585*x^1*20*x^2*x^3*x^4/2/34272
 - 1237524131*x^1*20*x^2*x^4/3/1224 - 20161618343*x^1*20*x^2*x^4/4/17136 + 4359891801*x^1*19*x^2*x^4/2/1904
 + 5737591591*x^1*19*x^2*x^3*x^4/3*2448 + 80747337073*x^1*19*x^2*x^4/4/34272 + 8152070995*x^1*19*x^2*x^4/5/2856
 - 1226577605*x^1*18*x^2*x^4*x^2/288 - 1324415369*x^1*18*x^2*x^4*x^2/288 + 86629824119*x^1*18*x^2*x^4*x^3/17136
 - 26601263963*x^1*18*x^2*x^3*x^4/5712 - 981568929*x^1*18*x^2*x^4*x^5/1904 - 14612569051*x^1*18*x^2*x^4/6/2448
 - 364968161*x^1*22*x^2*x^3*x^4/2/34272 - 244914755*x^1*22*x^2*x^4*x^2/2016 + 12456024017*x^1*21*x^2*x^2*x^4/3*34272
 - 28859157833*x^1*12*x^2*x^6*x^4/7/17136 - 37865567363*x^1*12*x^2*x^5*x^4/8/1904 - 434079327791*x^1*12*x^2*x^4*x^9/34272
 - 9728510153*x^1*12*x^2*x^3*x^4/10/504 - 53293744567*x^1*12*x^2*x^2*x^4/11/34272 + 558370914857*x^1*15*x^2*x^3*x^4/7/34272
 + 566218497085*x^1*15*x^2*x^2*x^4/8/34272 + 78794566140*x^1*15*x^2*x^4/9/34272 - 39481010755*x^1*14*x^2*x^8*x^4/3/2142
 - 2326604613*x^1*14*x^2*x^7*x^4/4/119 - 32208461507*x^1*14*x^2*x^6*x^5/17136 - 1140048487393*x^1*14*x^2*x^5*x^4/6/5712
 - 15278314041*x^1*14*x^2*x^4*x^7/952 - 333594923285*x^1*14*x^2*x^3*x^4/8/17136 - 322235178077*x^1*14*x^2*x^2*x^4/9/17136
 - 25978103871*x^1*14*x^2*x^3*x^4/10/952 - 308577883*x^1*16*x^2*x^8*x^4/272 - 46962278421*x^1*16*x^2*x^7*x^4/2/34272
 - 213291511031*x^1*16*x^2*x^6*x^4/288 - 1324415369*x^1*18*x^2*x^5*x^4/2/288 - 98710843709*x^1*16*x^2*x^4*x^5/8568
 - 3050037421*x^1*16*x^2*x^3*x^4/6/252 - 430084830961*x^1*16*x^2*x^2*x^4/7/34272 - 264245382995*x^1*10*x^2*x^8*x^4/7/34272
 - 3890737056491*x^1*10*x^2*x^3*x^4/9/34272 - 79155389*x^1*10*x^2*x^6*x^4/9/112 - 262265921353*x^1*10*x^2*x^4*x^4/11/34272
 - 3316988329*x^1*10*x^2*x^3*x^4/12/336 - 21732595315*x^1*10*x^2*x^4*x^4/12/336 - 229373497295*x^1*10*x^2*x^4/14/17136
 + 1616394235*x^1*15*x^2*x^4/11*x^2*x^4/2/288 + 223503142145*x^1*15*x^2*x^4*x^3/34272 + 7277088337*x^1*9*x^2*x^8*x^4/8/1904
 + 86483994055*x^1*9*x^2*x^6*x^4/10*x^2*x^4/34272 + 74641423561*x^1*11*x^2*x^8*x^6/5712 + 40667669423*x^1*11*x^2*x^7*x^4/7/2856
 + 12745262731*x^1*11*x^2*x^4*x^4/12/224 - 56830359605*x^1*11*x^2*x^5*x^4/9/34272 + 334867608637*x^1*11*x^2*x^4*x^10/34272
 + 391001967269*x^1*11*x^2*x^4*x^2/12/34272 + 16075858027*x^1*11*x^2*x^4*x^3/18/316 - 335073370619*x^1*13*x^2*x^8*x^4/4/17136
 - 20546698481*x^1*13*x^2*x^4*x^5/1071 + 32821299563*x^1*13*x^2*x^6*x^4/6/17136 + 361789649387*x^1*13*x^2*x^5*x^4/7/17136
 - 130283139367*x^1*13*x^2*x^4*x^8/8568 + 2948791791*x^1*13*x^2*x^3*x^4*x^9/1428 + 35114778429*x^1*13*x^2*x^4*x^10/1904
 + 483600831323*x^1*13*x^2*x^4/11/17136 - 32192742513*x^1*12*x^2*x^3*x^4/5/1904 - 6262997465*x^1*12*x^2*x^7*x^4/6/357
 + 28935936601*x^1*15*x^2*x^2*x^4/8/34272 + 78794566140*x^1*15*x^2*x^4/9/34272 - 39481010755*x^1*14*x^2*x^8*x^4/3/2142
 - 4643837663*x^1*7*x^2*x^8*x^4/10/4896 + 875125165*x^1*7*x^2*x^7*x^4/11/252 - 11119357733*x^1*7*x^2*x^6*x^4/12/17136
 + 31284331313*x^1*7*x^2*x^5*x^4/13/17136 + 42763898661*x^1*7*x^2*x^4*x^4/14/8568 - 84051401059*x^1*7*x^2*x^3*x^4/15/34272
 + 98083269113*x^1*7*x^2*x^4*x^16/34272 + 2532939929*x^1*7*x^2*x^17*x^3/17/3808 + 16463054039*x^1*9*x^2*x^4/11/1904
 + 151319001*x^1*9*x^2*x^4*x^12/238 + 8454312395*x^1*9*x^2*x^3*x^4/13/2016 + 173627531701*x^1*9*x^2*x^2*x^4/14/34272
 + 8655213283*x^1*9*x^2*x^4*x^15/1224 - 11742042775*x^1*8*x^2*x^6*x^4/34272 - 637838979*x^1*8*x^2*x^15*x^4/2/238
 - 20922464917*x^1*8*x^2*x^4*x^3/5712 - 2158830811*x^1*8*x^2*x^3*x^4/8/16 - 1574321551*x^1*8*x^2*x^4*x^9/34272
 - 6902384173*x^1*8*x^2*x^4*x^10/11424 + 456394823*x^1*8*x^2*x^6*x^4/11/1071 - 1049851787*x^1*8*x^2*x^5*x^4/12/204
 - 31602894427*x^1*8*x^2*x^4*x^13/5712 + 1036532417*x^1*8*x^2*x^3*x^4/14/8568 - 88670877539*x^1*10*x^2*x^4*x^14/8568
 - 616691113*x^1*10*x^2*x^3*x^4/2/63 - 5344734625*x^1*5*x^2*x^3*x^4/17/2142 + 4809501947*x^1*5*x^2*x^4*x^18/5712
 - 5693619089*x^1*5*x^2*x^4*x^19/17/136 - 18377802749*x^1*6*x^2*x^5*x^4/17/2142 + 1712730811*x^1*6*x^2*x^4*x^18/5686
 + 2272332367*x^1*5*x^2*x^18*x^4/2/11424 + 172252043*x^1*5*x^2*x^17*x^4/5712 + 39184589*x^1*5*x^2*x^16*x^4/4/119
 - 6967183679*x^1*5*x^2*x^4*x^6/816 + 2901366961*x^1*5*x^2*x^3*x^4/13/17136 - 743127629*x^1*5*x^2*x^8*x^4/12/714
 - 2446774319*x^1*5*x^2*x^4/13/5712 + 967064411*x^1*5*x^2*x^6*x^4/14/504 - 20192621423*x^1*6*x^2*x^18*x^4/34272
 - 8442442443*x^1*6*x^2*x^7*x^4/2016 - 1234779983*x^1*6*x^2*x^6*x^4/2448 - 13113544357*x^1*6*x^2*x^15*x^4/17/136
 - 779973899*x^1*6*x^2*x^4*x^9/5925 + 3829150207*x^1*6*x^2*x^8*x^4/11/1904 - 4686082787*x^1*6*x^2*x^7*x^4/12/2856
 - 7257140923*x^1*6*x^2*x^4*x^13/17136 + 4519423793*x^1*6*x^2*x^5*x^4/14/5712 - 25143818503*x^1*6*x^2*x^4*x^15/5712
 + 51716686907*x^1*6*x^2*x^3*x^4/16/17136 - 126143106713*x^1*8*x^2*x^4*x^15/34272 - 327004869*x^1*8*x^2*x^4*x^16/112
 + 4611265903*x^1*6*x^2*x^4*x^16/4284 + 9780017428*x^1*6*x^2*x^3*x^4/13*x^9/288 + 789280796517*x^1*3*x^2*x^8*x^4/14/34272
 - 97624427543*x^1*3*x^2*x^7*x^4/15/34272 + 30495594163*x^1*3*x^2*x^6*x^4/16/11424 - 70037983591*x^1*3*x^2*x^5*x^4/17/34272
 + 714243253*x^1*3*x^2*x^4*x^8/14896 - 3093215801*x^1*2*x^3*x^4*x^19/3808 + 3976532151*x^1*3*x^2*x^2*x^4*x^20/11424
 - 241738261*x^1*3*x^2*x^4*x^21/2448 - 18411238*x^1*4*x^2*x^20*x^4/3808 - 2617166849*x^1*4*x^2*x^19*x^4/2/17136
 + 100715593*x^1*4*x^2*x^18*x^4/3*408 + 6718644869*x^1*4*x^2*x^16*x^4/5/17136 - 12645242381*x^1*4*x^2*x^15*x^4/6/17136
 + 2274781693*x^1*4*x^2*x^14*x^4/2/2142 - 156015426*x^1*4*x^2*x^13*x^4/8/1071 + 71536019*x^1*4*x^2*x^8*x^4/13/17136
 + 10505025631*x^1*4*x^2*x^7*x^4/14/8568 - 36107161609*x^1*4*x^2*x^6*x^4/15/5712 + 19117660579*x^1*4*x^2*x^5*x^4/16/8568
 - 11410423697*x^1*4*x^2*x^6*x^4/17/4896 + 13188949183*x^1*4*x^2*x^3*x^4*x^18/8568 - 1547801467*x^1*4*x^2*x^4*x^19/2016
 + 412113217*x^1*4*x^2*x^4*x^20/1904 - 4472952505*x^1*5*x^2*x^4*x^15/1904 + 121209885*x^1*5*x^2*x^4*x^16/34
 + 1147533235*x^1*2*x^4*x^9/34272 - 66380315563*x^1*2*x^4*x^14*x^4/10/17136 + 29387099573*x^1*2*x^3*x^4/11/8568
 + 3599156847*x^1*2*x^8*x^4/16/952 - 51225988447*x^1*2*x^7*x^4/17/17136 + 21859346081*x^1*2*x^6*x^4/18/11424
 - 3451551747*x^1*2*x^5*x^4/19/34272 + 378758913*x^1*2*x^2*x^2*x^4/3*3808 - 175470349*x^1*2*x^2*x^19*x^4/4/1008
 + 82737467039*x^1*2*x^2*x^18*x^4/5/34272 - 4715725249*x^1*2*x^2*x^17*x^4/6/11424 + 9701943143*x^1*2*x^2*x^16*x^4/7/1224
 - 25917108157*x^1*2*x^2*x^15*x^4/8/17136 + 42799122005*x^1*2*x^2*x^14*x^4/9/17136 - 56730068669*x^1*2*x^2*x^13*x^4/10/17136
 - 111332648953*x^1*2*x^8*x^4/15/34272 + 1125216624433*x^1*2*x^7*x^4/16/34272 - 5065995913*x^1*2*x^6*x^4/17/2016
 + 18008764477*x^1*2*x^2*x^4*x^18/2016 - 5040728417*x^1*2*x^11*x^4/4/17/12/14/17136 - 6737066497*x^1*2*x^2*x^4/5/8568
 + 30874061005*x^1*19*x^6/17136 - 123661209243*x^1*18*x^4/7/34272 - 82238656601*x^1*16*x^4/9/8568
 + 26552518019*x^1*15*x^4/10/2016 - 8154249155*x^1*14*x^4/11/504 + 8989126249*x^1*13*x^4/12/504
 + 4446282713*x^1*12*x^4*x^13/252 + 562585433*x^1*11*x^4/2/4284 + 1632653587*x^1*10*x^2*x^4*x^22/34272
 - 356783881*x^1*2*x^4*x^2*x^4/22/34272 - 71788985*x^1*2*x^2*x^4/23/5712 + 1209748837*x^1*2*x^2*x^4*x^22/34272
 - 109812091*x^1*2*x^2*x^4/20*x^4/3808 + 56464629821*x^1*2*x^19*x^4/5/34272 - 20078624743*x^1*2*x^2*x^18*x^4/6/34272
 + 642673523*x^1*2*x^2*x^11*x^4/2/672 + 124089762313*x^1*2*x^11*x^2*x^13*x^4/8/5686 + 9684147709*x^1*11*x^2*x^12*x^4/2/672
 + 27694741673*x^1*19*x^2*x^15*x^4/7/4284 + 7828967855*x^1*17*x^2*x^14*x^4/8/4896 + 174503629*x^1*15*x^2*x^19*x^4/11424
 - 208346483*x^1*3*x^2*x^2*x^4/11/424 + 16064972069*x^1*13*x^2*x^9*x^4/3/5712 + 14187366801*x^1*12*x^2*x^21*x^4/3*8568
 - 65324580165*x^1*12*x^2*x^9*x^4/4/34272 - 22851786761*x^1*18*x^4/17/4284 - 98695204319*x^1*17*x^4/18/34272
 - 2312422197*x^1*6*x^4/19/17136 + 1331508607*x^1*5*x^4/20/2448 - 1592999605*x^1*4*x^2*x^4/21/8568
 + 182082729*x^1*3*x^4/22/34272 - 71788985*x^1*2*x^4/23/5712 + 11091831303*x^1*2*x^2*x^12*x^4/11/34272
 - 67221638441*x^1*2*x^2*x^11*x^4/14/34272 - 629224453*x^1*2*x^2*x^10*x^4/13/4284 + 3664409215*x^1*2*x^2*x^9*x^4/12/17136
 - 10070125*x^1*2*x^2*x^21*x^4/3/1088 + 194217268439*x^1*19*x^2*x^10*x^4/6/34272 + 74536802777*x^1*19*x^2*x^9*x^4/7/11424
 - 4771835159*x^1*18*x^2*x^12*x^4/5/17136 + 20961387289*x^1*18*x^2*x^11*x^4/6/5712 - 7698563469*x^1*18*x^2*x^10*x^4/7/3808
 + 3420311885*x^1*7*x^2*x^12*x^4/6/8568 - 2792540477*x^1*7*x^2*x^10*x^4/8/4896 + 4520992307*x^1*7*x^2*x^9*x^4/9/124
 + 468951317*x^1*6*x^2*x^12*x^4/7/4284 - 511658767*x^1*6*x^2*x^11*x^4/8/204 + 7272083975*x^1*6*x^2*x^10*x^4/9/2856
 - 228038511891*x^1*6*x^2*x^9*x^4/10/5712 - 2842121979*x^1*5*x^2*x^12*x^4/8/17136 + 18342791657*x^1*5*x^2*x^11*x^4/9/3808
 - 6830504041*x^1*5*x^2*x^10*x^4/18/2448 + 733028437*x^1*14*x^2*x^12*x^4/9/4896 - 58657740313*x^1*14*x^2*x^11*x^4/10/34272
 - 115296654313*x^1*3*x^2*x^12*x^4/10/34272 + 195393577*x^1*21*x^2*x^3*x^4/5712 + 73367052137*x^1*19*x^2*x^5*x^4/34272
 + 26249282967*x^1*15*x^2*x^9*x^4/17/17136 - 312823690643*x^1*14*x^2*x^10*x^4/17/4284 - 15191961635*x^1*14*x^2*x^9*x^4/2/816
 + 16448827953*x^1*13*x^2*x^11*x^4/8/34272 - 1223716051*x^1*13*x^2*x^10*x^4

- 28073225*v^1*24*v4/5712 + 53936391053*v^1*4*v2^10*v4^11/34272 + 20220744541*v^1*3*v2^11*v4^11/8568
 - 22648567391*v^1*3*v2^10*v4^12/34272 + 159193810417*v^1*11*v2^9*v4^5/11424 - 10529277442*v^1*10*v2^12*v4^3/1071
 - 40220460945*v^1*10*v2^11*v4^4/4898 - 158110207385*v^1*10*v2^10*v4^5/17136 - 1601026579*v^1*10*v2^9*v4^6/153
 + 8740424857*v^1*9*v2^12*v4^4/1904 + 100626454903*v^1*9*v2^11*v4^5/17136 + 120350495585*v^1*13*v2^5*v3^7/8568
+ 90613137623*v^1*13*v2^4*x^3/8/11424 + 186234896917*v^1*13*v2^3*x^3/9/8568 + 5536011683*v^1*13*v2^2*v3^10/1944
- 2145320682677*v^1*12*x^2*v^2/10*v3^3/34272 - 63924170449*v^1*12*x^2*v^3/4/2856 - 142141973693*v^1*12*x^2*v^8*x^5/17136
- 41467579165*v^1*12*x^2*v^2*x^3/6/4284 - 34951825583*x^1*12*x^2*v^6*x^7/4284 - 157087151555*v^1*12*x^2*v^3*x^5/11424
- 3023289779*v^1*12*x^2*v^2*x^3/9/1008 - 77843325743*x^1*12*x^2*v^3*x^3/10/34272 + 9286232917*v^1*12*x^2*v^2*x^11/3808
+ 727155784787*v^1*11*v2^2*x^10*v3^4/34272 + 6525442553*x^1*11*v2^9*x^5/1224 + 12897988591*v^1*11*v2^8*x^3/6/2856
+ 38517785531*v^1*11*v2^2*x^3/7/4284 + 134639769011*v^1*11*v2^6*x^3/8/34272 + 4567915111*v^1*11*v2^5*x^3/9/357
- 5035867121*v^1*11*v2^4*x^3/10/2016 - 237308623259*v^1*11*v2^2*x^3/12/34272 - 138119929067*v^1*7*v2^8*v3^10/17136
+ 193683324085*v^1*5*x^2*x^3/11/17136 - 43011651143*v^1*3*x^2*x^10/3/17136 + 3632293403*v^1*11*v2^11*x^3/3/2142
+ 326284647331*v^1*4*x^2*x^3/15/34272 - 182215016251*v^1*4*x^2*x^5*x^3/16/34272 + 86348310073*v^1*4*x^2*x^7/34272
- 10982713699*v^1*4*x^2*x^3/18/11424 + 1469904985*x^1*4*x^2*x^2*x^3/17/4896 - 10011170879*v^1*13*x^2*x^4/714
- 3886913723*v^1*3*x^2*x^17/17136 + 2801837155*x^1*3*x^2*x^16*x^3/6/1088 - 14348294743*v^1*3*x^2*x^15*x^3/7/5712
+ 11284261529*v^1*3*x^2*x^14*x^3/11424 + 7957988681*v^1*3*x^2*x^13*x^3/9/4896 - 25601960561*v^1*3*x^2*x^12*x^3/10/5712
+ 225880738465*v^1*3*x^2*x^11*x^3/11/34272 + 252120445907*v^1*3*x^2*x^9*x^3/13/34272 - 6851368334*v^1*3*x^2*x^3/14/1071
+ 168334814839*v^1*3*x^2*x^7/3/15/34272 - 5324951785*v^1*3*x^2*x^6*x^3/16/1632 + 5131554593*v^1*3*x^2*x^5*x^3/17/2856
- 200406013*x^1*3*x^2*x^4/18/252 + 470468371*v^1*3*x^2*x^3*x^19/1904 - 1651529713*v^1*3*x^2*x^2*x^3/20/34272
+ 734675236811*v^1*19*x^2*x^3*x^4/34272 + 367998258931*v^1*15*x^2*x^4*x^3/6/34272 + 1497764791*v^1*13*x^2*x^9*x^3/144
+ 360781843471*v^1*13*x^2*x^8*x^4/17136 + 410802038299*x^1*13*x^2*x^7*x^5/1008 + 186564272795*v^1*13*x^2*x^6*x^3/6/17136
- 14860525499*x^1*6*x^2*x^3*x^16/34272 + 75027246631*x^1*6*x^2*x^2*x^3/17/34272 - 73610931955*v^1*5*x^2*x^17*x^3/34272
+ 121741372021*v^1*5*x^2*x^16*x^3/4/34272 + 110987575*x^1*5*x^2*x^14*x^3/6/28 - 14201711111*v^1*5*x^2*x^13*x^3/7/4284
+ 14260017823*v^1*5*x^2*x^12*x^3/8/11424 + 43299624421*x^1*5*x^2*x^11*x^3/9/17136 - 122978784539*v^1*5*x^2*x^10*x^3/10/17136
- 1835172089*v^1*5*x^2*x^3/12/136 + 112089801331*v^1*5*x^2*x^7*x^3/13/8568 - 11458631104*v^1*5*x^2*x^6*x^3/14/1071
+ 21100279429*v^1*5*x^2*x^5*x^3/15/2856 - 7423851935*x^1*5*x^2*x^4*x^3/16/17136 + 12335644501*v^1*5*x^2*x^3*x^3/17/5712
- 15591262019*x^1*5*x^2*x^3*x^18/17136 + 50283983543*v^1*x^2*x^18*x^3/3/34272 + 175057647677*v^1*4*x^2*x^16*x^3/5/34272
- 139869826875*x^1*4*x^2*x^3*x^6/17136 + 23052445903*v^1*3*x^2*x^9*x^3/13/34272 - 251097656309*v^1*4*x^2*x^7*x^3/14/17136
+ 125479149547*x^1*4*x^2*x^12*x^3/9/5712 - 28518595413*x^1*4*x^2*x^11*x^3/10/11424 + 293330627105*x^1*4*x^2*x^10*x^3/11/11424
- 101979924449*x^1*4*x^2*x^9*x^3/12/4284 + 339592449*x^1*4*x^2*x^8*x^3/13/17136 - 597101968811*v^1*4*x^2*x^7*x^3/8/34272
+ 142595703857*x^1*7*x^2*x^15*x^3/3/34272 - 33101337559*x^1*7*x^2*x^14*x^3/4/4284 - 9088316193*v^1*7*x^2*x^13*x^3/5/17136
+ 56940912245*x^1*7*x^2*x^12*x^3/6/17136 - 94992621*x^1*7*x^2*x^10*x^3/8/34272 + 457546809*x^1*7*x^2*x^9*x^3/9/952
+ 100512616385*x^1*7*x^2*x^9*x^3/11/8568 - 27431209619*x^1*7*x^2*x^6*x^3/12/2142 + 26878337555*x^1*7*x^2*x^5*x^3/12/2142
- 165130531793*v^1*7*x^2*x^4*x^3/17136 + 64740556105*x^1*7*x^2*x^3*x^15/8568 - 20838179251*v^1*7*x^2*x^2*x^3/16/4896
+ 13666450711*x^1*6*x^2*x^3*x^4/34284 - 2283565961*x^1*6*x^2*x^15*x^3/4/4284 + 632853693*x^1*6*x^2*x^14*x^3/5/1224
+ 43372546427*x^1*6*x^2*x^12*x^3/7/8568 - 20374862059*x^1*6*x^2*x^11*x^3/8/34272 + 27237126139*x^1*6*x^2*x^10*x^3/9/3808
- 10762885739*x^1*6*x^2*x^9*x^3/10/11424 + 24882685031*x^1*6*x^2*x^8*x^3/11/17136 - 2141611111991*v^1*6*x^2*x^7*x^3/12/17136
+ 751989179*x^1*6*x^2*x^6*x^3/13/63 - 21170122669*v^1*6*x^2*x^5*x^3/14/2142 + 235174684333*x^1*6*x^2*x^4*x^3/5/34272
+ 1677297217*v^1*10*x^2*x^4*x^3/11/224 - 6612274847*v^1*10*x^2*x^2*x^3/13/1428
- 8139179045*x^1*9*x^2*x^13*x^3/2016 + 496038371863*x^1*9*x^2*x^12*x^3/4/34272 - 53856108911*x^1*9*x^2*x^11*x^3/5/34272
+ 77069336*x^1*9*x^2*x^10*x^3/6/51 + 18966713111*x^1*9*x^2*x^9*x^3/7/11424 + 6367472881*x^1*9*x^2*x^8*x^3/8/34272
- 7504948837*x^1*9*x^2*x^6*x^3/10/952 + 157860047347*x^1*9*x^2*x^5*x^3/11/17136 - 360822078457*x^1*9*x^2*x^4*x^3/12/34272
+ 535065323645*x^1*9*x^2*x^3*x^3/13/34272 - 14312013331*x^1*9*x^2*x^2*x^3/14/1632 + 9421362809*x^1*8*x^2*x^14*x^3/2016
- 94680260149*x^1*8*x^2*x^13*x^3/4/4284 - 2283565961*x^1*6*x^2*x^15*x^3/4/4284 + 632853693*x^1*6*x^2*x^14*x^3/5/1224
+ 9687128723*v^1*8*x^2*x^10*x^3/7/17136 + 90759545573*x^1*8*x^2*x^9*x^3/9/11424 - 13900689133*x^1*8*x^2*x^7*x^3/10/11424
+ 11874286605*x^1*8*x^2*x^6*x^3/11/952 - 122507912935*x^1*8*x^2*x^5*x^3/12/8568 + 64692732049*x^1*8*x^2*x^4*x^3/13/5712
- 18818283137*x^1*8*x^2*x^3*x^14/1632 + 115798002277*x^1*8*x^2*x^2*x^3/15/17136 - 346356322817*x^1*16*x^2*x^6*x^3/3/34272
- 47510545631*x^1*16*x^2*x^5*x^4/4284 - 314894488921*x^1*16*x^2*x^4*x^3/34272 - 54953924657*x^1*16*x^2*x^3*x^6/4896
- 145864601687*x^1*16*x^2*x^3*x^7/17136 + 21190232023*x^1*15*x^2*x^7*x^3/17136 + 511874304739*x^1*15*x^2*x^6*x^3/12/2142
+ 21160358879*x^1*15*x^2*x^5*x^3/17136 + 16535308523*x^1*15*x^2*x^3*x^7/1071 + 103674901241*x^1*15*x^2*x^2*x^8/11424
- 107182601065*x^1*14*x^2*x^8*x^3/8/15868 - 4567981563*x^1*14*x^2*x^7*x^3/4/2448 - 54111421927*x^1*14*x^2*x^6*x^3/5/4284
- 9645772553*x^1*14*x^2*x^5*x^3/6/714 - 181329036331*x^1*14*x^2*x^4*x^3/7/17136 - 657731356645*x^1*14*x^2*x^3*x^8/34272
- 8197898437*x^1*14*x^2*x^3*x^9/11424 - 2339689381*x^1*8*x^2*x^3/16/17136 - 70662269699*x^1*10*x^2*x^11*x^3/4/3808
- 848667983*x^1*10*x^2*x^10*x^3/5/952 - 132977492749*x^1*10*x^2*x^9*x^6/34272 - 10962245999*x^1*10*x^2*x^8*x^3/7/17136
- 586252009*x^1*10*x^2*x^6*x^5/34272 + 9038698381*x^1*8*x^2*x^3/16/2142 + 40494226637*x^1*8*x^3/17/34272
+ 163907409187*x^1*15*x^2*x^3/9/8568 + 4824242693*x^1*15*x^3/10/2016 - 112517528017*x^1*14*x^2*x^3/10/4896
- 248237917*x^1*14*x^2*x^11/252 + 233476086833*x^1*13*x^2*x^3/11/952 - 402682961*x^1*13*x^2*x^12/504
+ 1157287301*x^1*12*x^3/13/584 + 167691755801*x^1*11*x^2*x^3/13/8568 - 54129041*x^1*11*x^3/14/18
- 23704974067*x^1*10*x^2*x^4*x^3/15/2016 + 239620993*x^1*10*x^2*x^6*x^3/9/34272 - 102091105679*x^1*16*x^3/9/34272
- 586252009*x^1*10*x^2*x^6*x^5/34272 + 9038698381*x^1*10*x^2*x^6*x^3/9/34272 - 10962245999*x^1*10*x^2*x^8*x^3/7/17136
+ 16662589183*x^1*7*x^2*x^3/17/34272 - 21117668257*x^1*7*x^3/18/34272 - 273163339*x^1*6*x^2*x^3/18/288
+ 22568479*x^1*6*x^2*x^3*x^10/1908 + 652198915*x^1*5*x^2*x^3/19/2448 - 52986316*x^1*5*x^2*x^3/13/5712
- 6201449*x^1*4*x^2*x^3/20/153 + 31574731*x^1*4*x^2*x^3/11/17136 - 93432457*x^1*3*x^2*x^3/21/34272
+ 25249859*x^1*3*x^2*x^3/14/1632 + 115798002277*x^1*8*x^2*x^3/15/17136 - 346356322817*x^1*16*x^2*x^6*x^3/3/34272
- 47510545631*x^1*16*x^2*x^5*x^4/4284 - 314894488921*x^1*16*x^2*x^4*x^3/34272 - 54953924657*x^1*16*x^2*x^3*x^6/4896
- 145864601687*x^1*16*x^2*x^3*x^7/17136 + 21190232023*x^1*15*x^2*x^7*x^3/17136 + 511874304739*x^1*15*x^2*x^6*x^3/18/2856
+ 21160358879*x^1*15*x^2*x^5*x^3/17136 + 16535308523*x^1*15*x^2*x^3*x^7/1071 + 103674901241*x^1*15*x^2*x^2*x^8/11424
- 107182601065*x^1*14*x^2*x^8*x^3/16/34272 + 308620993*x^1*14*x^2*x^7*x^3/16/2142 + 44094226637*x^1*8*x^3/17/34272
- 107344889137*x^1*9*x^3/16/34272 - 9038698381*x^1*8*x^2*x^3/16/17136 + 44094226637*x^1*8*x^3/17/34272
- 23090731*x^1*12*x^3/11/584 + 21117668257*x^1*7*x^3/18/34272 - 273163339*x^1*16*x^2*x^3/18/288
+ 22568479*x^1*6*x^2*x^3*x^10/1908 + 652198915*x^1*5*x^2*x^3/19/2448 + 3923440418*x^1*19*x^2*x^5*x^3/12/17136
- 6133299889*x^1*6*x^2*x^3/28/2856 - 14578092323*x^1*5*x^2*x^19/x^3/17136 + 44966155481*x^1*5*x^2*x^18*x^3/2/34272
+ 629356397*x^1*4*x^2*x^20*x^3/17136 - 12322766905*x^1*4*x^2*x^19*x^3/2/17136 - 140143555*x^1*3*x^2*x^21*x^3/1071
+ 890820619*x^1*3*x^2*x^20*x^3/2856 + 10168543631*x^1*2*x^2*x^20*x^3/3/34272 - 3748033609*x^1*2*x^2*x^19*x^3/4/5712
+ 4084361863*x^1*2*x^2*x^18*x^3/5/34272 - 20533474925*x^1*2*x^2*x^17*x^3/6/11424 + 41298801205*x^1*2*x^2*x^16*x^3/7/17136
- 1049908073*x^1*2*x^2*x^15*x^3/8/34272 + 366294716193*x^1*2*x^2*x^14*x^3/9/5712 - 181155523205*x^1*2*x^2*x^13*x^3/10/34272
+ 412576237*x^1*2*x^2*x^12*x^3/11*612 - 5469626045*x^1*2*x^2*x^11*x^3/12/712 - 565647262967*x^1*2*x^2*x^10*x^3/13/34272
- 3384122279*x^1*2*x^9*x^3/14/544 + 25101485465*x^1*2*x^8*x^3/15/5712 - 5310234845*x^1*2*x^7*x^3/16/2016
+ 1418740405*x^1*2*x^2*x^3/17/1071 - 867497487*x^1*2*x^2*x^5*x^3/18/1632 + 660908581*x^1*2*x^2*x^4*x^3/19/4284
- 29664517*x^1*2*x^2*x^3/20/1904 - 414156509*x^1*2*x^2*x^3/21/34272 + 1331121*x^1*2*x^2*x^3/22/119
+ 5658309575*x^1*2*x^2*x^3/21/2016 + 12604423973*x^1*2*x^2*x^2*x^3/21/34272 - 287944187*x^1*2*x^2*x^4*x^3/336
- 8062869445*x^1*2*x^2*x^20*x^3/2*x^3/8568 + 16702027925*x^1*19*x^2*x^5*x^3/7/5712 + 4424626035*x^1*19*x^2*x^4*x^3/2/2142
- 5936657219*x^1*16*x^2*x^8*x^3/8568 - 34790083361*x^1*16*x^2*x^7*x^3/4/2484 + 10853703145*x^1*15*x^2*x^9*x^3/1428
+ 101446629227*x^1*15*x^2*x^8*x^3/12/11424 - 14618894959*x^1*14*x^2*x^10*x^3/2142 - 274714995185*x^1*14*x^2*x^9*x^3/2/34272
+ 159635895205*x^1*13*x^2*x^11*x^3/34272 + 8449630463*x^1*13*x^2*x^10*x^3/2/1428 - 8243764205*x^1*12*x^2*x^9*x^3/4/4896
- 12996620355*x^1*12*x^2*x^11*x^3/24/34272 - 513195925*x^1*12*x^2*x^10*x^3/4/34272 - 1009215163*x^1*12*x^2*x^9*x^3/2/34272
+ 112099982315*x^1*10*x^2*x^14*x^3/34272 - 88482503*x^1*10*x^2*x^13*x^3/2/134 - 15488581401*x^1*9*x^2*x^3/3/3808
+ 13110596575*x^1*9*x^2*x^17*x^3/2/4284 - 113056571063*x^1*8*x^2*x^15*x^3/2/34272
- 94524101575*x^1*7*x^2*x^17*x^3/2/4272 - 2447656975*x^1*7*x^2*x^16*x^3/7/5712 - 134364416299*x^1*7*x^2*x^15*x^3/2/34272
- 134436830577*x^1*7*x^2*x^18*x^3/4*x^3/34272 - 2943436397*x^1*7*x^18*x^2*x^3*x^3/4/672 - 1230349973*x^1*7*x^18*x^2*x^2*x^3/5/306
- 178336948157*x^1*7*x^2*x^18*x^3/6/34272 - 68739486203*x^1*7*x^18*x^2*x^3/7/34272 - 11070919*x^1*7*x^2*x^2*x^3/2/388
+ 5690605*x^1*2*x^4*x^1*x/5712 + 1868530418*x^1*2*x^3*x^2*x^1/2/17136 - 26944835*x^1*2*x^3/5712 + 772800223*x^1*2*x^3*x^2/34272
+ 487742743*x^1*2*x^2*x^3*x^4/2/17136 - 992770733*x^1*2*x^2*x^2*x^3/2/34272 - 660470135*x^1*2*x^2*x^2*x^3/5712 + 65049808779*x^1*2*x^2*x^4/17136
- 745559121*x^1*2*x^2*x^5/7/14 + 13896236581*x^1*19*x^2*x^6/5712 + 23930580221*x^1*16*x^2*x^9/1904
+ 33090340369*x^1*15*x^2*x^20*x^3/10/2016 - 3151296961*x^1*14*x^2*x^11*x^168 + 3162518369*x^1*13*x^2*x^12/168
- 299790593*x^1*12*x^2*x^13/12 + 156584627*x^1*11*x^2*x^14/12 - 873459521*x^1*10*x^2*x^15/96 + 2777182833*x^1*9*x^2*x^16/4896
- 7774576421*x^1*8*x^2*x^17*x^2/1248 + 6080915117*x^1*7*x^2*x^18*x^3/10/3808 - 12309573239*x^1*6*x^2*x^19*x^3/17136
+ 16353318113*x^1*5*x^2*x^20/5712 - 35871226*x^1*4*x^2*x^21/357 - 1036873759*x^1*3*x^2*x^22/34272 - 65403377*x^1*2*x^2*x^23/8568
+ 2654503*x^1*2*x^2*x^24/1904 + 631735*x^1*2*x^4*x^4/8/34272 + 209991390995*x^1*4*x^2*x^12*x^3*x^4*x^5/68544
- 30280046931*x^1*4*x^2*x^11*x^3*x^4*x^4/8/3808 + 174211631837*x^1*4*x^2*x^10*x^3*x^4*x^4/7/34272
- 45161793503*x^1*4*x^2*x^9*x^3*x^4*x^4/8/5712 + 89531629277*x^1*4*x^2*x^8*x^3*x^6*x^4/7/17136
+ 18084136769*x^1*4*x^2*x^8*x^3*x^4*x^4/9/4284 - 112156631707*x^1*4*x^2*x^7*x^3*x^4*x^6/8568
- 17687929227*x^1*4*x^2*x^7*x^3*x^4*x^4/10/34272 + 49268095927*x^1*4*x^2*x^6*x^3*x^10*x^4/5/34272
- 6099643191*x^1*4*x^2*x^6*x^3*x^4*x^4/11/3808 - 771771689575*x^1*4*x^2*x^5*x^3*x^12*x^4*x^4/68544
+ 71265410089*x^1*4*x^2*x^5*x^3*x^4*x^4/12/68544 + 7276130498*x^1*4*x^2*x^4*x^3*x^4*x^4/22848
- 75714718891*x^1*4*x^2*x^3*x^4*x^4/13/68544 + 274601646281*x^1*4*x^2*x^3*x^4*x^4*x^4/14/34272
- 930391093*x^1*3*x^2*x^17*x^3*x^4*x^4/2/1071 - 107388481*x^1*3*x^2*x^16*x^3*x^4*x^3/288
+ 1754779693*x^1*3*x^2*x^15*x^3*x^4*x^4/1904 - 253751834537*x^1*3*x^2*x^14*x^3*x^4*x^5/68544

$- 10518691*v^2+23*v^4/2/1071 + 105526369723*v^2+14*v^3+10*v^4/17136 - 2483014095*v^2+13*v^3+11*v^4/544$
 $+ 226347147637*v^2+13*v^3+10*v^4/2/34272 + 22027883525*v^2+12*v^3+12*v^4/11424 + 8866957283*v^2+12*v^3+11*v^4/2/1428$
 $+ 19549460923*v^2+3*v^3+8*v^4/16/3808 - 40232173265*v^2+3*v^3+7*v^4/17/11424 + 23389842715*v^2+3*v^3+6*v^4/18/11424$
 $- 3866460665*v^2+3*v^3+5*v^4/19/3808 + 24171799847*v^2+11*v^3+13*v^4/34272 - 1677814057*v^2+11*v^3+12*v^4/2/306$
 $- 1088017015*v^2+21*v^3+3*v^4/3/5712 - 13774198975*v^2+19*v^3+2*v^4/4/11424 - 161195490755*v^2+17*v^3+3*v^4/5/34272$
 $- 33436061903*v^2+15*v^3+4*v^4/6/3808 - 83102958931*v^2+13*v^3+9*v^4/3/11424 - 128294139947*v^2+13*v^3+8*v^4/4/5712$
 $- 2003633099*v^2+23*v^3+4*v^4/8/8568 - 213658470731*v^2+13*v^3+3*v^4/9/11424 - 17682574655*v^2+13*v^3+2*v^4/10/2856$
 $- 7859901866*v^2+13*v^3+4*v^4/11/357 - 8983391*v^2+13*v^4/12/12 - 905193410899*v^2+12*v^3+10*v^4/3/17136$
 $+ 850085783*v^2+12*v^3+8*v^4/5/816 + 5198504791*v^2+12*v^3+7*v^4/6/476 + 12730582645*v^2+12*v^3+6*v^4/7/1224$
 $+ 34624250891*v^2+12*v^3+5*v^4/8/2448 + 75556976261*v^2+12*v^3+4*v^4/9/11424 + 80736227423*v^2+12*v^3+3*v^4/10/3808$
 $+ 8844590815*v^2+12*v^3+5*v^4/11/3808 - 8983391*v^2+12*v^3+4*v^4/13/12 - 23396425509*v^2+13*v^3+7*v^4/5/1904$
 $- 5260861019*v^2+11*v^3+5*v^4/11/714 + 905193410899*v^2+13*v^3+10*v^4/12/17136 - 29244077970*v^2+11*v^3+10*v^4/4/11424$
 $- 5260861019*v^2+11*v^3+9*v^4/5/714 - 22750589251*v^2+11*v^3+8*v^4/6/2856 - 9409665953*v^2+11*v^3+7*v^4/7/952$
 $- 146085515435*v^2+11*v^3+6*v^4/8/17136 - 21443172839*v^2+11*v^3+5*v^4/9/1632 - 27874540319*v^2+11*v^3+4*v^4/10/11424$
 $+ 242075580271*v^2+12*v^3+9*v^4/4/952 - 10881957799*v^2+11*v^3+11*v^4/3/34272 + 8844590815*v^2+11*v^3+2*v^4/12/3808$
 $- 7859901866*v^2+11*v^3+4*v^4/13/357 + 1006044239*v^2+11*v^4/14/508 + 1472838007*v^2+7*v^3+8*v^4/10/408$
 $- 574613991*v^2+12*v^3+2*v^4/2/1224 + 6272101*v^2+22*v^4/2/714 + 77974534133*v^1+9*v^2+7*v^3+v^4/8/11424$
 $+ 42422156341*v^2+19*v^3+2*v^4/8/17136 + 69248515597*v^1+9*v^2+5*v^3+3*v^4/10/3808$
 $+ 94193270477*v^1+9*v^2+4*v^3+2*v^4/10/34272 - 727692617947*v^1+9*v^2+4*v^3+4*v^4/11/17136$
 $+ 59339621243*v^1+9*v^2+3*v^3+2*v^4/11/1071 + 96413500189*v^1+9*v^2+3*v^4/12/4896$
 $+ 373386006589*v^1+9*v^2+3*v^3+2*v^4/12/34272 - 23268768791*v^1+9*v^2+2*v^3+v^4/13/2856$
 $- 56726048471*v^1+9*v^2+3*v^3+2*v^4/13/4284 + 18490194529*v^1+9*v^2+3*v^4/14/952$
 $+ 300477058855*v^1+8*v^2+213*v^3+v^4/3/34272 - 495322295719*v^1+9*v^2+2*v^3+2*v^4/3/17136$
 $+ 11103019562*v^1+8*v^2+12*v^3+v^4/4/1071 + 104899679905*v^1+8*v^2+11*v^3+2*v^4/4/34272$
 $- 30984676521*v^1+8*v^2+11*v^3+v^4/5/17136 + 3316499593*v^1+8*v^2+10*v^3+2*v^4/5/4896$
 $- 56186552527*v^1+8*v^2+10*v^3+v^4/6/6586 - 929125166269*v^1+8*v^2+9*v^3+2*v^4/6/68544$
 $- 236403774791*v^1+8*v^2+19*v^3+v^4/7/17136 - 5596700171*v^1+9*v^2+8*v^3+2*v^4/7/1632 - 5124697037*v^1*v^2+16*v^3+7*v^4/4284$
 $- 446250882191*v^1+8*v^2+16*v^3+6*v^4/2/11424 - 245659008355*v^1+8*v^2+16*v^3+5*v^4/3/34272$
 $- 135834424849*v^1+8*v^2+16*v^3+4*v^4/4/34272 - 36957723623*v^1+8*v^2+16*v^3+3*v^4/5/8568$
 $- 19215033641*v^1+8*v^2+16*v^3+2*v^4/6/4284 - 181272635905*v^1+8*v^2+16*v^3+v^4/7/34272$
 $+ 18508796071*v^1+8*v^2+15*v^3+8*v^4/17136 + 17140631609*v^1+8*v^2+15*v^3+7*v^4/2/2856$
 $+ 56256640935*v^1+8*v^2+15*v^3+6*v^4/3/3808 + 39412054259*v^1+8*v^2+15*v^3+5*v^4/4/5712 + 6763303637*v^1*v^2+15*v^3+4*v^4/5/952$
 $+ 31071007745*v^1+8*v^2+15*v^3+3*v^4/6/3808 + 128678374723*v^1+8*v^2+15*v^3+2*v^4/7/17136$
 $+ 37901835195*v^1+8*v^2+15*v^3+4*v^4/8/3808 - 4772518591*v^1+8*v^2+14*v^3+9*v^4/17136 - 268082486617*v^1*v^2+14*v^3+8*v^4/2/34272$
 $- 1769369761307*v^1+8*v^2+14*v^3+7*v^4/3/68544 - 17709459157*v^1+8*v^2+14*v^3+6*v^4/4/68544$
 $- 2258272901*v^1+8*v^2+14*v^3+5*v^4/5/22848 - 259431084455*v^1+8*v^2+14*v^3+4*v^4/6/22848$
 $- 20898999246595*v^1+8*v^2+2*v^3+8*v^4/13/68544 + 1575573004751*v^1+8*v^2+2*v^3+7*v^4/14/68544$
 $- 53609901301801*v^1+8*v^2+2*v^3+6*v^4/5/22848 - 37344324865*v^1+8*v^2+2*v^3+5*v^4/16/3808$
 $- 3742892969*v^1+8*v^2+2*v^3+4*v^4/17/672 + 105730506589*v^1+8*v^2+2*v^3+3*v^4/18/34272$
 $- 15307305175*v^1+8*v^2+2*v^3+2*v^4/11/1424 + 1155049891*v^1+8*v^2+2*v^3+1*v^4/20/1904$
 $+ 1682148571*v^1+8*v^2+2*v^3+20*v^4/2/8568 - 2630083463*v^1+8*v^2+2*v^3+19*v^4/3/4896 + 1891294351*v^1+8*v^2+18*v^3+8*v^4/4/1904$
 $- 30998178611*v^1+8*v^2+2*v^3+17*v^4/5/17136 + 17489263869*v^1+8*v^2+3*v^4/6/5712$
 $- 2211972393*v^1+8*v^2+2*v^3+15*v^4/7/478 - 69043493737*v^1+8*v^2+2*v^3+13*v^4/9/8568$
 $+ 37334988953*v^1+8*v^2+2*v^3+12*v^4/10/3808 - 657999091691*v^1+8*v^2+2*v^3+11*v^4/11/5712$
 $+ 438867786769*v^1+8*v^2+3*v^3+10*v^4/12/34272 - 12611929167*v^1+8*v^2+3*v^3+9*v^4/13/952$
 $+ 20065001137*v^1+8*v^2+2*v^3+8*v^4/14/1632 - 174638692019*v^1+8*v^2+2*v^3+7*v^4/15/17136 + 711584257*v^1+8*v^2+3*v^4/16/96$
 $- 80306543645*v^1+8*v^2+15*v^3+4*v^4/17/17136 + 237189519*v^1+8*v^2+14*v^3+9*v^4/17/17136 - 268082486617*v^1+8*v^2+14*v^3+8*v^4/2/34272$
 $+ 417739426911*v^1+8*v^2+2*v^3+3*v^4/19/34272 + 8582253541*v^1+8*v^2+2*v^3+2*v^4/20/17136 - 1619775247*v^1+8*v^2+2*v^3+4*v^4/21/8568$
 $+ 114948540305*v^1+8*v^2+6*v^3+5*v^4/2/4/8568 + 156221943509*v^1+8*v^2+6*v^3+4*v^4/5/17136$
 $+ 28786732895*v^1+8*v^2+5*v^3+2*v^4/5/2448 + 2015227733*v^1+8*v^2+5*v^3+3*v^4/6/1904$
 $+ 743956444751*v^1+8*v^2+4*v^3+2*v^4/6/68544 - 69376537469*v^1+8*v^2+4*v^3+4*v^4/7/11424$
 $+ 1452994591*v^1+8*v^2+13*v^3+2*v^4/5/2448 + 15266484871*v^1+8*v^2+13*v^3+2*v^4/8/952$
 $+ 317530963691*v^1+8*v^2+2*v^3+2*v^4/8/34272 + 174684850117*v^1+8*v^2+2*v^3+v^4/9/17136$
 $+ 9061660405183*v^1+8*v^2+11*v^3+2*v^4/3/11424 - 898801322611*v^1+8*v^2+3*v^4+4*v^10/34272$
 $+ 3917899327*v^1+8*v^2+9*v^3+v^4/3/95 - 44219732761*v^1+8*v^2+12*v^2+8*v^3+2*v^4/3/1632$
 $- 274150333*v^1+8*v^2+8*v^3+4*v^4/4/11424 - 432489435503*v^1+8*v^2+7*v^3+2*v^4/4/34272$
 $- 631459900111*v^1+8*v^2+7*v^3+4*v^4/5/8568 - 68020665095*v^1+8*v^2+6*v^3+2*v^4/5/5712$
 $- 39691166513*v^1+8*v^2+6*v^3+4*v^4/6/5712 - 802270567625*v^1+8*v^2+5*v^3+2*v^4/6/68544$
 $- 47481279187*v^1+8*v^2+5*v^3+4*v^4/7/4896 - 33080942143*v^1+8*v^2+4*v^3+2*v^4/7/3808$
 $+ 145575546329*v^1+8*v^2+4*v^3+3*v^4/8/8568 - 960252313133*v^1+8*v^2+3*v^3+2*v^4/8/17136$
 $- 606085800743*v^1+8*v^2+3*v^3+2*v^4/9/4272 - 18366271241*v^1+8*v^2+3*v^2+3*v^4/9/2142$
 $- 230920645939*v^1+8*v^2+2*v^3+v^4/10/34272 - 75185627663*v^1+8*v^2+3*v^2+4*v^4/10/34272$
 $- 95192760993*v^1+8*v^2+2*v^3+v^4/11/34272 - 318384393001*v^1+8*v^2+10*v^3+v^4/3/34272$
 $+ 574178469451*v^1+8*v^2+9*v^3+2*v^4/3/17136 - 7395299029*v^1+8*v^2+9*v^3+v^4/4/17136$
 $+ 234827074*v^1+8*v^2+8*v^3+2*v^4/4/54272 - 78916540915*v^1+8*v^2+7*v^3+v^4/4/34272 - 1316276243*v^1+8*v^2+12*v^3+v^4/3/112$
 $+ 406660405183*v^1+8*v^2+11*v^3+2*v^4/3/11424 - 88151876371*v^1+8*v^2+11*v^3+v^4/4/8568$
 $- 7521994405*v^1+8*v^2+10*v^3+2*v^4/4/1904 - 1487101541*v^1+8*v^2+10*v^3+v^4/5/11424$
 $+ 1118802217*v^1+8*v^2+9*v^3+2*v^4/5/4896 + 95709083417*v^1+8*v^2+9*v^3+v^4/6/17136$
 $+ 4091848807*v^1+8*v^2+8*v^3+2*v^4/6/4832 - 3068549594214*v^1+8*v^2+8*v^3+v^4/7/34272$
 $+ 142358431*v^1+8*v^2+7*v^3+2*v^4/7/61 - 319090967303*v^1+8*v^2+2*v^3+2*v^4/6/34272$
 $+ 181974357049*v^1+8*v^2+2*v^3+2*v^4/7/17136 + 11201273605*v^1+8*v^2+3*v^2+4*v^4/7/952$
 $+ 60499519741*v^1+8*v^2+15*v^3+2*v^4/8/34272 - 4042173371*v^1+8*v^2+7*v^3+v^4/3/714$
 $- 35955870111*v^1+8*v^2+6*v^3+2*v^4/3/2142 - 80038890601*v^1+8*v^2+6*v^3+v^4/4/8568$
 $- 224843390287*v^1+8*v^2+5*v^3+2*v^4/4/17136 - 90254483671*v^1+8*v^2+5*v^3+v^4/5/8568$
 $- 161725059*v^1+8*v^2+4*v^3+2*v^4/5/153 - 33313128377*v^1+8*v^2+4*v^3+3*v^4/6/17136$
 $- 1992104964383*v^1+8*v^2+3*v^3+2*v^4/6/68544 - 503618300597*v^1+8*v^2+3*v^3+v^4/7/34272$
 $- 702858431*v^1+8*v^2+2*v^3+2*v^4/7/72 - 39292885227*v^1+8*v^2+2*v^3+v^4/6/34272$
 $- 96853856837*v^1+8*v^2+3*v^3+2*v^4/8/8568 - 6449995013*v^1+8*v^2+3*v^4/9/2856 + 877459495*v^1+8*v^2+8*v^3+v^4/3/816$
 $+ 76693746057*v^1+8*v^2+7*v^3+2*v^4/3/34272 - 107315630167*v^1+8*v^2+7*v^3+v^4/4/17136$
 $- 573365540309*v^1+8*v^2+6*v^3+11*v^4/7/68544 + 2536190783*v^1+8*v^2+6*v^3+10*v^4/8/7616$
 $- 495981489071*v^1+8*v^2+3*v^3+9*v^4/9/68544 + 410375555441*v^1+8*v^2+6*v^3+v^4/10/68544$
 $- 869887497397*v^1+8*v^2+3*v^3+7*v^4/11/68544 + 293296090237*v^1+8*v^2+6*v^3+v^4/12/2848$
 $- 40553015855*v^1+8*v^2+6*v^3+4*v^4/13/22848 - 2717819719*v^1+8*v^2+6*v^3+4*v^4/14/192$
 $- 22958304787*v^1+8*v^2+6*v^3+3*v^4/15/1428 + 148655804137*v^1+8*v^2+6*v^3+2*v^4/16/1632$
 $- 285132452035*v^1+8*v^2+6*v^3+v^4/17/34272 + 12782504335*v^1+8*v^2+5*v^3+18*v^4/34272$
 $- 5151811103*v^1+8*v^2+5*v^3+17*v^4/2/17136 + 5689992013*v^1+8*v^2+5*v^3+16*v^4/3/1224$
 $- 11866376353*v^1+8*v^2+5*v^3+15*v^4/4/8568 + 269469547*v^1+8*v^2+5*v^3+14*v^4/5/5712 - 275211059*v^1+8*v^2+5*v^3+13*v^4/6/408$
 $+ 741195749*v^1+8*v^2+5*v^3+12*v^4/7/9792 - 43596650079*v^1+8*v^2+5*v^3+11*v^4/8/7616$
 $- 95918403623*v^1+8*v^2+5*v^3+10*v^4/9/9792 + 1092910164689*v^1+8*v^2+5*v^3+9*v^4/10/68544$
 $- 123666037657*v^1+8*v^2+5*v^3+9*v^4/11/68544 + 14371964549403*v^1+8*v^2+5*v^3+7*v^4/12/68544$
 $- 1329403405109*v^1+8*v^2+5*v^3+6*v^4/13/68544 + 140130267259*v^1+8*v^2+5*v^3+5*v^4/14/7616$
 $- 11004961819*v^1+8*v^2+5*v^3+4*v^4/15/4896 + 8759194615*v^1+8*v^2+5*v^3+v^4/18/204 - 10864242695*v^1+8*v^2+4*v^3+16*v^4/11424$
 $+ 30063635819*v^1+8*v^2+5*v^3+2*v^4/15/816 + 128009067461*v^1+8*v^2+4*v^3+v^4/3/3808 + 21262422551*v^1+8*v^2+4*v^3+16*v^4/11424$
 $+ 4006939851*v^1+8*v^2+4*v^3+18*v^4/2/816 - 8676680441*v^1+8*v^2+4*v^3+17*v^4/3/3808 + 21262422551*v^1+8*v^2+4*v^3+16*v^4/11424$
 $+ 3492627743*v^1+8*v^2+4*v^3+2*v^4/18/17136 - 4151883019*v^1+8*v^2+4*v^3+v^4/19/2142 - 151135353367*v^1+8*v^2+10*v^3+v^4/13/4896$
 $+ 98678380517*v^1+8*v^2+2*v^3+14*v^4/34272 - 198468509*v^1+8*v^2+2*v^3+19*v^4/2/544 + 6220787905*v^1+8*v^2+2*v^3+18*v^4/3/5712$
 $- 5215338245*v^1+8*v^2+2*v^3+17*v^4/4/3808 + 741901747*v^1+8*v^2+2*v^3+v^4/5/306 - 1090057417*v^1+8*v^2+3*v^3+15*v^4/6/2016$
 $+ 92743587709*v^1+8*v^2+2*v^3+v^4/14*v^4/7/9792 - 59597701517*v^1+8*v^2+2*v^3+3*v^4/13*v^4/15/4032$
 $+ 152273510861*v^1+8*v^2+3*v^3+12*v^4/9/7616 - 87280513745*v^1+8*v^2+3*v^3+11*v^4/10/4032$
 $+ 73067277881*v^1+8*v^2+3*v^3+10*v^4/11/4032 - 4351945519*v^1+8*v^2+3*v^3+9*v^4/12/448 + 121192947*v^1+8*v^2+3*v^3+8*v^4/13/448$
 $+ 477665982449*v^1+8*v^2+3*v^3+7*v^4/14/68544 - 41276261815*v^1+8*v^2+3*v^3+6*v^4/15/4284$
 $+ 16881269129*v^1+8*v^2+3*v^3+5*v^4/16/1904 - 208795031791*v^1+8*v^2+3*v^3+4*v^4/17/34272$
 $- 7889828413*v^1+8*v^2+2*v^3+17*v^4/5/17136 + 6352787249*v^1+8*v^2+2*v^3+16*v^4/6/17136$
 $- 1199402027*v^1+8*v^2+2*v^3+15*v^4/4/34272 - 7796946221*v^1+8*v^2+2*v^3+14*v^4/8/11424 - 298059397*v^1+8*v^2+2*v^3+13*v^4/9/144$
 $+ 7353539597*v^1+8*v^2+2*v^3+12*v^4/10/1632 - 5484231779*v^1+8*v^2+2*v^3+11*v^4/11/714$
 $+ 20423756821*v^1+8*v^2+2*v^3+v^4/10*v^4/12/1904 - 7863736607*v^1+8*v^2+2*v^3+3*v^4/7/612$
 $+ 453409581859*v^1+8*v^2+2*v^3+8*v^4/14/34272 - 406076319893*v^1+8*v^2+2*v^3+7*v^4/15/34272$
 $+ 25944862829*v^1+8*v^2+2*v^3+6*v^4/16/2856 - 25637628841*v^1+8*v^2+2*v^3+5*v^4/17/4284$

+ 57127945909*v1*v2^2*v3^4*v4^18/17136 - 3271965031*v1*v2^2*v3^3*v4^19/2016
 + 7261893595*v1*v2^2*v3^2*v4^20/11424 - 7983276323*v1*v2^2*v3*v4^21/34272 - 2943010087*v1*v2*v3^21*v4^2/34272
 + 775463497v1*v2*v3^2*20*v4^3/34272 - 2366528647*v1*v2*v3^19*v4^4/5712 + 56379387*v1*v2*v3^18*v4^5/952
 - 8037566651*v1*v2*v3^17*v4^6/17136 - 1448910401*v1*v2*v3^16*v4^7/2856 + 51016707121*v1*v2*v3^15*v4^8/17136
 - 122597643977*v1*v2*v3^14*x^4*v9/17136 + 14329603657*v1*v2*x^3*v13*x^4*10/11424
 - 4815946661*v1*v2*x^6*x^3*x^15*x^4/11424 + 8786627981*v1*v2*x^6*x^3*x^4*4/5712
 - 6768102053*v1*v2*x^3*x^12*x^4/11/3808 + 726660603323*v1*v2*x^3*x^11*x^4/12/34272
 - 247986949291*v1*v2*x^3*x^10*x^4/11/1424 + 662350368391*v1*v2*x^3*x^9*x^4/14/34272
 - 515883810229*v1*v2*x^3*x^8*x^4/15/34272 + 353547482893*v1*v2*x^7*x^4/16/34272
 - 213041632697*v1*v2*x^3*x^6*x^4/17/34272 + 14056865647*v1*v2*x^3*x^5*x^4/18/4284 - 8527406101*v1*v2*v3^4*v4^19/5712
 + 2267284077*v1*v2*x^3*x^20*x^4/38568 + 1895334673*x1*v3*x^2*x^3*x^6*x^4/11/12
 + 1566943403*v1*x^2*x^3*x^20*x^4/38568 + 1895334673*x1*v3*x^2*x^3*x^6*x^4/11/12
 - 130256935673*x1*x^2*x^3*x^5*x^4/15/11424 + 15608942661*x1*x^2*x^3*x^4*x^4/16/11424
 - 1763396269*v1*x^2*x^3*x^4*x^17/336 + 166868219696*x1*x^3*x^2*x^3*x^18*x^4/17/17136
 - 11437776403*x1*x^2*x^3*x^17*x^4/4/8568 + 13495759457*x1*x^3*x^2*x^3*x^16*x^4/5/5712
 - 5158053493*x1*x^3*x^15*x^4/6/1224 + 1896261531*x1*x^3*x^2*x^3*x^14*x^4/7/272
 - 319277268781*v1*x^3*x^3*x^13*x^4/8/34272 + 11430294924*v1*x^3*x^3*x^12*x^4/9/1071
 - 1080931233955*v1*x^3*x^3*x^11*x^4/10/11424 + 202151940691*v1*x^3*x^3*x^10*x^4/11/34272
 - 6525177331*v1*x^3*x^2*x^3*x^9*x^4/12/8568 - 2517549817*v1*x^3*x^2*x^3*x^8*x^4/13/714 + 27056355883*v1*x^3*x^2*x^3*x^7*x^4/14/2484
 - 117507909425*x1*x^3*x^2*x^3*x^5*x^4/15/17136 + 6505924257*x1*x^3*x^2*x^3*x^4*x^4/16/11424
 - 203674182791*v1*x^3*x^2*x^3*x^4*x^17/5712 + 39117949063*v1*x^3*x^2*x^3*x^3*x^4/18/17136 - 1466435717*v1*x^3*x^19*x^4/3/8568
 - 2789773207*v1*x^11*x^2*x^3*x^4*x^11/17136 + 2132691915*x1*x^10*x^2*x^4*x^3/10/56
 - 703138079391*v1*x^9*x^2*x^3*x^4*x^9/8568 + 1888972887*x1*x^8*x^9*x^4/8/17136
 - 273458745461*v1*x^7*x^2*x^10*x^3*x^4/7/34272 - 47667757*x1*x^6*x^2*x^12*x^3*x^4/6/204 - 1029288611*v1*x^5*x^2*x^14*x^3*x^4/5/17136
 + 825831279*x1*x^4*x^2*x^16*x^3*x^4/4/272 + 4667465617*x1*x^2*x^18*x^3*x^4/3/8568 + 18586132009*v1*x^3*x^2*x^8*x^3*x^2*x^4/12/5712
 - 825636603893*v1*x^3*x^2*x^3*x^4*x/13/34272 - 930734533*x1*x^3*x^2*x^3*x^4*x/13/144
 + 69048212031*v1*x^3*x^2*x^3*x^4*x/14/34272 + 587014485667*x1*x^3*x^2*x^6*x^3*x^4*x/14/68544
 - 515176908259*x1*x^3*x^2*x^6*x^3*x^4/15/34272 - 27044112413*x1*x^5*x^2*x^3*x^15*x^4/4/17136
 + 46729337*x1*x^5*x^2*x^3*x^15*x^4/4/17136 + 23285937199*x1*x^5*x^2*x^3*x^13*x^4/6/17136
 - 27508029481*x1*x^5*x^2*x^3*x^12*x^4/7/17136 + 4286140167*x1*x^5*x^2*x^3*x^11*x^4/8/952
 - 17667728401*x1*x^5*x^2*x^3*x^10*x^4/9/3808 + 78842176997*x1*x^5*x^2*x^3*x^9*x^4/10/11424
 - 22058779387*x1*x^5*x^2*x^3*x^8*x^4/11/34272 + 23680499257*x1*x^5*x^2*x^3*x^7*x^4/12/2448
 - 95292690617*x1*x^5*x^2*x^3*x^6*x^4/13/8568 + 186947141155*x1*x^5*x^2*x^3*x^5*x^4/14/17136
 - 199396625656*x1*x^5*x^2*x^3*x^4*x^4/15/34272 + 121305245015*x1*x^5*x^2*x^3*x^5*x^4/16/17136 - 27819064*x1*x^5*x^3*x^15*x^4/153
 + 3767716493*x1*x^4*x^2*x^3*x^16*x^4/3/2856 - 39936153647*x1*x^4*x^2*x^3*x^14*x^4/5/34272
 + 30681104575*x1*x^4*x^2*x^2*x^3*x^13*x^4/6/17136 + 9859309787*x1*x^4*x^2*x^3*x^12*x^4/7/34272
 + 2084485365*x1*x^4*x^2*x^2*x^3*x^11*x^4/8/34272 - 3126808573*x1*x^4*x^2*x^3*x^10*x^4/9/5712
 + 1643036977*x1*x^4*x^2*x^3*x^15*x^4/2*x^3*x^10*x^4/10/2484 - 1592727425*x1*x^4*x^2*x^3*x^8*x^4/11/272
 - 3728754546567*x1*x^4*x^2*x^2*x^3*x^7*x^4/12/34272 - 186921303995*x1*x^4*x^2*x^3*x^6*x^4/13/17136
 + 21193874599*x1*x^4*x^2*x^3*x^5*x^4/12/2142 - 5134514939*x1*x^4*x^2*x^2*x^3*x^4*x^4/15/612
 + 103761053513*x1*x^4*x^2*x^3*x^4*x^16/11424 - 7046492101*x1*x^4*x^2*x^3*x^17*x^4/3/5712
 + 82634815*x1*x^4*x^2*x^3*x^16*x^4/4/952 + 47287624553*x1*x^4*x^2*x^3*x^15*x^4/5/34272 - 65130254845*x1*x^4*x^2*x^3*x^14*x^4/6/17136
 + 103199177839*x1*x^4*x^2*x^3*x^13*x^4/7/17136 - 130860245387*x1*x^4*x^2*x^3*x^12*x^4/8/1428
 + 168519879259*x1*x^4*x^2*x^3*x^11*x^4/9/17136 + 212803003379*x1*x^3*x^10*x^4*x/17136
 + 84188311453*x1*x^3*x^9*x^2*x^2*x/11424 + 551743727839*x1*x^3*x^9*x^4*x/2/34272
 - 702965469977*x1*x^3*x^2*x^3*x^4/68544 + 1975639172277*x1*x^3*x^2*x^3*x^2*x^4/2/68544
 + 1076914918339*x1*x^3*x^2*x^3*x^4/68544 + 26560027349*x1*x^3*x^2*x^3*x^4/2/22848
 + 736685301995*x1*x^3*x^2*x^6*x^3*x^4/68544 + 288707818639*x1*x^3*x^2*x^6*x^3*x^4*x/2/22848
 + 615223636063*x1*x^3*x^2*x^5*x^3*x^6*x^4/68544 + 388215825691*x1*x^3*x^2*x^5*x^4*x/2/22848
 + 14122883865*x1*x^3*x^2*x^5*x^3*x^7*x^4/34272 + 115921283633*x1*x^3*x^2*x^4*x^3*x^6*x^4/2/11424
 + 277213643851*x1*x^3*x^2*x^3*x^8*x^4/17136 + 22482144449*x1*x^3*x^2*x^3*x^7*x^4/2/1008
 + 262855593*x1*x^2*x^3*x^13*x^2*x^9*x^4/2/2142 + 30874526005*x1*x^2*x^3*x^8*x^4/2/5712
 + 586472651855*x1*x^2*x^3*x^10*x^4/34272 + 438603206131*x1*x^3*x^2*x^3*x^9*x^4/2/17136
 - 1667886025*x1*x^2*x^11*x^3*x^4/1428 - 15776439188*x1*x^2*x^10*x^3*x^2*x/34272
 + 353445498013*x1*x^15*x^2*x^8*x^3*x^4/34272 + 6955705795*x1*x^15*x^2*x^7*x^3*x^2*x^4/8/1816
 + 20119660457*x1*x^15*x^2*x^7*x^3*x^4/2/17136 + 135733584341*x1*x^15*x^2*x^6*x^3*x^3*x^4/34272
 + 50819960135*x1*x^15*x^2*x^6*x^3*x^2*x^4/34272 + 5498953531*x1*x^15*x^2*x^5*x^3*x^4*x/4896
 + 567978926*x1*x^15*x^2*x^3*x^4*x^2/63 + 39672258761*x1*x^15*x^2*x^4*x^3*x^5*x^4/4896
 + 38518539681*x1*x^15*x^2*x^4*x^4*x^2/34272 + 12433143974*x1*x^15*x^2*x^3*x^6*x^4/1671
 + 508317889481*x1*x^15*x^2*x^3*x^5*x^4/2/34272 + 56630737831*x1*x^15*x^2*x^3*x^7*x^4/8/8568
 + 306736041145*x1*x^15*x^2*x^3*x^6*x^4/2/34272 + 488783677343*x1*x^15*x^2*x^3*x^8*x^4/34272
 + 614060465245*x1*x^15*x^2*x^3*x^7*x^4/2/34272 - 102726682045*x1*x^4*x^2*x^9*x^4*x/8568
 - 1030371429*x1*x^4*x^2*x^3*x^18*x^4/119 + 1213682095*x1*x^4*x^2*x^3*x^4*x^2/8 + 83124046937*x1*x^14*x^2*x^7*x^3*x^4/68544
 - 1476687049897*x1*x^14*x^2*x^7*x^3*x^4*x^2/68544 - 9722100037*x1*x^14*x^2*x^6*x^3*x^4*x/68544
 - 437015397395*x1*x^4*x^2*x^6*x^3*x^4/68544 - 109131190715*x1*x^4*x^2*x^5*x^3*x^4/9792
 - 343705157767*x1*x^4*x^2*x^5*x^3*x^4*x^2/22848 - 461027332145*x1*x^4*x^2*x^4*x^3*x^6*x^4/68544
 - 87577457473*x1*x^14*x^2*x^4*x^3*x^4/2/7616 + 9288252697*x1*x^19*x^2*x^4*x^3*x^4/5/712
 + 59370642607*x1*x^19*x^2*x^3*x^3*x^2*x^4/34272 + 20233127233*x1*x^19*x^2*x^3*x^4*x^2/11424
 + 8376762137*x1*x^19*x^2*x^3*x^4*x^4/4896 + 21256203037*x1*x^19*x^2*x^3*x^2*x^4/2/11424
 + 60748901111*x1*x^19*x^2*x^3*x^4*x^4/2856 + 26429648873*x1*x^19*x^2*x^3*x^4*x^2/11424 - 54381501995*x1*x^18*x^2*x^5*x^3*x^4/17136
 - 3324104993*x1*x^18*x^2*x^4*x^3*x^4/1071 + 3593122943*x1*x^2*x^3*x^16*x^4/7/8568 + 25977162889*x1*x^2*x^3*x^15*x^4/8/34272
 - 61918212731*x1*x^2*x^3*x^14*x^4/9/17136 + 284239126033*x1*x^2*x^3*x^13*x^4/10/34272 + 658944381089*x1*x^2*x^3*x^9*x^4/14/34272
 - 268246911811*x1*x^2*x^3*x^15*x^4/17136 + 380939663027*x1*x^2*x^3*x^7*x^4/16/34272 - 5890387327*x1*x^2*x^3*x^6*x^4/17/8568
 - 12735764755*x1*x^2*x^3*x^4*x^18*x^4/34272 + 867033561*x1*x^2*x^3*x^4*x^4/2142 + 23243323589*x1*x^2*x^3*x^4*x^2/20/34272
 - 7825931379*x1*x^2*x^3*x^2*x^4/21/34272 + 2365947587*x1*x^2*x^3*x^4/22/34272 + 3343381255*x1*x^3*x^3*x^16*x^4/4896
 - 1905318029*x1*x^3*x^15*x^4/7/1008 + 20037347429*x1*x^3*x^14*x^4/8/4896 - 62720622113*x1*x^3*x^13*x^4/9/8568
 - 26918265017*x1*x^3*x^14*x^3*x^4/16/1362 + 75847784789*x1*x^3*x^8*x^4/4/4896 - 1882744445*x1*x^3*x^7*x^4/15/144
 + 334671109075*x1*x^3*x^6*x^4/16/34272 + 6083992743*x1*x^3*x^4*x^17/952 + 1901561967*x1*x^3*x^4*x^4/18/544
 - 56447003323*x1*x^3*x^2*x^4/19/34272 + 22961275003*x1*x^3*x^2*x^4/20/34272 - 724204577*x1*x^3*x^4/21/2856
 + 18682491578*x1*x^4*x^3*x^7*x^4/1071 - 102856709795*x1*x^4*x^3*x^6*x^4/15/2856 + 187934438789*x1*x^4*x^3*x^5*x^4/16/17136
 - 5705758039*x1*x^4*x^3*x^4*x^17/8568 + 1026651331*x1*x^4*x^3*x^4*x^4/2856 - 8386369211*x1*x^4*x^3*x^4*x^19/4896
 + 13546862257*x1*x^4*x^3*x^4/20/17136 - 14353565251*x1*x^3*x^2*x^3*x^4/34272 + 182909725*x1*x^3*x^2*x^4/2/2448
 - 2870807657*x1*x^3*x^17*x^4/5/11424 + 7078773809*x1*x^5*x^2*x^4/18/1904 - 17828980553*x1*x^5*x^3*x^4/9/8568
 + 2915563765*x1*x^4*x^2*x^3*x^4/2/34272 - 1451695283*x1*x^4*x^3*x^19*x^4/2/17136 + 11629726261*x1*x^4*x^3*x^18*x^4/3/4896
 + 6966035671*x1*x^4*x^3*x^15*x^4/6/2856 - 37356915989*x1*x^4*x^3*x^14*x^4/7/8568 + 11890942569*x1*x^4*x^3*x^13*x^4/8/17136
 + 83784608957*x1*x^4*x^3*x^12*x^4/4896 - 31172660791*x1*x^4*x^3*x^8*x^4/17/17136 - 516689631*x1*x^5*x^3*x^4/34272
 + 82162972*x1*x^5*x^3*x^18*x^4/2/34272 + 2813012059*x1*x^5*x^3*x^17*x^4/3/34272 + 1084836805*x1*x^5*x^3*x^16*x^4/5/712
 - 870323317*x1*x^5*x^3*x^7*x^4/7/5712 - 188999944673*x1*x^5*x^3*x^9*x^4/11/1424 + 170708602867*x1*x^5*x^3*x^8*x^4/12/8568
 - 5791576641*x1*x^5*x^3*x^7*x^4/13/272 + 169279405621*x1*x^5*x^3*x^6*x^4/18/572 - 16584140033*x1*x^5*x^3*x^4/15/1008
 + 7716591079*x1*x^5*x^3*x^4*x^4/16/11424 - 229451784831*x1*x^5*x^3*x^3*x^4*x^4/17/34272 + 7463690083*x1*x^6*x^3*x^18*x^4/34272
 + 986191933*x1*x^6*x^3*x^17*x^4/2/2856 + 3885750477*x1*x^6*x^3*x^16*x^4/3/4284 - 3394338113*x1*x^11*x^3*x^4/11/2016
 - 273923591101*x1*x^16*x^2*x^2*x^3*x^4*x^4/5/712 - 37976864195*x1*x^16*x^2*x^2*x^3*x^4/5/4896
 - 35626128053*x1*x^16*x^2*x^2*x^3*x^4*x^4/5/11424 - 369636037981*x1*x^16*x^2*x^3*x^7*x^4/34272
 - 9593886567*x1*x^16*x^2*x^3*x^4/6/11424 - 369636037981*x1*x^16*x^2*x^3*x^4/5/8568
 - 10922051307*x1*x^16*x^2*x^3*x^4*x^4/2448 - 60920835179*x1*x^16*x^2*x^3*x^4*x^4/7/4896 + 6719989259*x1*x^14*x^3*x^17*x^4/34272
 + 25824304043*x1*x^16*x^2*x^3*x^4*x^4/17136 - 10606024699*x1*x^16*x^2*x^3*x^4*x^5/4896
 + 9148041131*x1*x^3*x^2*x^2*x^3*x^16*x^4/4/3808 - 25202042933*x1*x^3*x^2*x^3*x^15*x^4/5/4896
 + 5692592311*x1*x^3*x^2*x^3*x^17*x^4/17/34272 + 20811596933*x1*x^3*x^16*x^4/5/34272 + 3709304177*x1*x^3*x^15*x^4/2/3808
 + 433305727933*x1*x^3*x^2*x^2*x^3*x^12*x^4/8/17136 - 369163158479*x1*x^3*x^2*x^3*x^11*x^4/9/952
 + 1210438549267*x1*x^3*x^2*x^2*x^3*x^10*x^4/10/34272 - 32941384989*x1*x^3*x^2*x^2*x^3*x^9*x^4/11/952
 + 48108112903*x1*x^3*x^2*x^2*x^3*x^8*x^4/12/1632 - 4792528387*x1*x^3*x^2*x^2*x^3*x^7*x^4/13/2016
 + 275602619*x1*x^6*x^3*x^15*x^4/1904 - 531168433*x1*x^6*x^3*x^14*x^4/5/8568 + 193780404949*x1*x^6*x^3*x^9*x^4/10/17136
 - 63826474997*x1*x^6*x^3*x^8*x^4/11/4284 + 35950141699*x1*x^6*x^3*x^7*x^4/12/1904 - 7174549013*x1*x^6*x^3*x^4*x^4/13/357
 + 84920171593*x1*x^6*x^3*x^5*x^4/14/4284 - 81238529581*x1*x^6*x^3*x^4*x^4/15/5712 + 5150255775*x1*x^6*x^3*x^4*x^4/16/17136
 - 19565416301*x1*x^6*x^3*x^2*x^4/17/2856 + 335594275*x1*x^6*x^3*x^4*x^4/18/72 - 2886383249*x1*x^7*x^3*x^17*x^4/4/8568
 - 2372723971*x1*x^7*x^3*x^16*x^4/2/2142 - 20834346971*x1*x^7*x^3*x^15*x^4/3/17136 - 6307567943*x1*x^7*x^3*x^4*x^4/13/17136
 - 4627664581*x1*x^7*x^3*x^13*x^4/5/17136 - 264012089467*x1*x^7*x^3*x^4*x^4/9/34272 - 331622594101*x1*x^7*x^3*x^8*x^4/10/34272
 - 131164525571*x1*x^7*x^3*x^4*x^4/11/8568 + 102826232923*x1*x^7*x^3*x^6*x^4/12/5712 - 36589886441*x1*x^7*x^3*x^4*x^4/13/17136
 + 9930454013*x1*x^7*x^3*x^4*x^4/14/612 - 7369476211*x1*x^7*x^3*x^4*x^4/15/504 + 375050501087*x1*x^7*x^3*x^2*x^4/16/34272
 - 30818666161*x1*x^7*x^3*x^4*x^4/17/34272 + 20811596933*x1*x^7*x^3*x^4*x^4/15/34272 + 3709304177*x1*x^7*x^3*x^4*x^4/16/34272
 + 1522584239*x1*x^8*x^3*x^14*x^4/3/952 + 56113840393*x1*x^8*x^3*x^13*x^4/4/34272 + 50186214859*x1*x^8*x^3*x^7*x^4/18/4284
 - 7630979313*x1*x^8*x^3*x^4*x^4/11/544 + 7962379985*x1*x^8*x^3*x^5*x^4/12/3808 - 554086457137*x1*x^8*x^3*x^4*x^4/13/34272
 + 69083466911*x1*x^8*x^3*x^4*x^4/14/3808 - 28853078095*x1*x^8*x^3*x^2*x^4/15/1904 + 256971437197*x1*x^8*x^3*x^4*x^4/16/17136
 - 420576557*x1*x^9*x^3*x^15*x^4*x^4/3808 - 34550555245*x1*x^9*x^3*x^14*x^4/2/4896 - 34550555245*x1*x^9*x^3*x^4*x^4/13/17136
 - 44975071297*x1*x^9*x^3*x^4*x^4/7/11424 + 181459787*x1*x^9*x^3*x^4*x^4/12/2244 - 3045285605*x1*x^9*x^3*x^4*x^4/11/168
 + 241748815487*x1*x^9*x^3*x^4*x^4/12/17136 - 76432226575*x1*x^9*x^3*x^4*x^4/13/3808 + 69028458783*x1*x^9*x^3*x^2*x^4/14/3808

- 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
 + 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
 - 38786223869*v1^11*v3^6*x4^8/504 - 42012282917*v1^11*v3^5*x4^9/4284 + 278733650149*v1^11*v3^4*x4^10/34272
 - 504360202385*v1^11*v3^3*x4^13/17136 - 10472168611*v1^13*v3^9*v4^3/34272 + 5067562681*v1^13*v3^8*v4^4/17136
 - 12405999457*v1^13*v3^7*x4^5/17136 - 2240057969*v1^13*x3^6*x4^6/5712 - 45296673445*v1^13*x3^5*v4^7/17136
 + 90263754809*v1^13*v3^4*x4^8/17136 - 32330677933*v1^13*x3^3*v4^9/4896 + 16954434215*v1^13*v3^2*x4^10/1904
 - 420605637*v1^13*x3*x4^11/1904 + 1753481871*v1^15*x3^9*v4/11424 + 40750979823*v1^15*x3^8*v4^2/34272
 + 370985398*v1^15*x3^7*x4^3/153 + 2528897869*v1^15*x3^6*x4^4/952 + 29688795277*v1^15*x3^5*v4^5/17136
 + 1197312563*v1^15*x3^4*x4^6/2856 + 11786434595*v1^15*x3^3*x4^7/8568 + 145397644043*v1^15*x3^2*x4^8/34272
 - 4407249761*v1^15*x3^9*x4^9/544 - 63649296931*v1^14*x3^9*x4^2/34272 - 10639676045*v1^14*x3^8*x4^3/8568
 - 206363831*v1^14*x3^7*x4^4/136 - 15688614553*v1^14*x3^6*x4^5/17136 - 113700035*v1^14*x3^5*x4^6/8568
 - 134236120939*v1^14*x3^4*x4^7/2856 + 04205619325*v1^14*x3^3*x4^8/34272 + 102834842149*v1^14*x3^2*x4^9/17136
 + 18215774885*v1^14*x3*x4^10/1224 - 200020374373*v1^18*x3^2*x4^5/2142 - 66382700863*v1^18*x3^4*x4^3/34272
 - 24335489*v1^18*x3*x4^11/1224 - 375824431*v1^18*x3^2*x4^6/11424 + 18040925517*v1^9*x3^3*x4^9/4/11424
 - 36232484891*v1^16*x3^8*x4/17136 - 3539655133*v1^16*x3^7*x4^2/1224 - 48612041257*v1^16*x3^6*x4^3/17136
 - 96875008439*v1^16*x3^5*x4^6/2856 - 121398706481*v1^16*x3^4*x4^5/34272 - 12915481853*v1^16*x3^3*x4^6/4896
 - 56240520431*v1^16*x3^2*x4^7/17136 - 7808295295*v1^16*x3*x4^8/2448 + 900122737*v1^21*x3^3*x4/4284
 + 7064035391*v1^21*x3^2*x4^2/34272 + 38550751*v1^21*x3*x4^3/204 - 1874135783*v1^20*x3^4*x4/3888
 - 6222028807*v1^20*x3^3*x4^2/11424 - 100877952751*v1^9*x2^6*x3^5*x4^5/8568
 + 161052259409*v1^9*x2^5*x3^9*x4^2/11424 + 44802415261*v1^9*x2^5*x3^7*x4^4/4284
 - 270638190439*v1^9*x2^4*x3^9*x4^3/34272 + 18040925517*v1^9*x3^3*x4^9/4/11424
 - 6830336641*v1^8*x2^7*x3^8*x4^2/544 - 174217291417*v1^8*x2^7*x3^4*x4^6/11424
 + 27387520393*v1^8*x2^6*x3^8*x4^3/4284 + 13229825923*v1^8*x2^6*x3^6*x4^5/2448
 - 3761354333*v1^8*x2^5*x3^8*x4^4/238 + 282428058365*v1^8*x2^4*x3^10*x4^3/34272
 + 50599715207*v1^8*x2^4*x3^8*x4^5/5712 - 12232082725*v1^8*x2^3*x3^8*x4^6/816
 - 7638276755*v1^7*x2^9*x3^7*x4^2/2856 - 141598993433*v1^7*x2^8*x3^7*x4^3/11424
 - 49822176147*v1^7*x2^8*x3^3*x4^7/34272 + 10281861251*v1^7*x2^7*x3^7*x4^4/1428
 + 123247387717*v1^7*x2^7*x3^5*x4^6/17136 - 21330647491*v1^7*x2^6*x3^7*x4^5/1224
 + 175480167461*v1^7*x2^5*x3^9*x4^4/17136 + 10312242079*v1^7*x2^5*x3^7*x4^6/1224
 - 170241815201*v1^7*x2^4*x3^11*x4^3/17136 - 21602689885*v1^7*x2^4*x3^7*x4^7/1428
 + 89117701373*v1^7*x2^3*x3^7*x4^8/17136 - 43388237641*v1^6*x2^11*x3^6*x4^2/22848
 - 52190971101*v1^6*x2^6*x3^6*x4^3/7616 - 46948246327*v1^6*x2^9*x3^6*x4^4/34272
 + 306349792191*v1^6*x2^8*x3^6*x4^5/5712 + 65574786113*v1^6*x2^8*x3^4*x4^7/8568
 - 5865033461*v1^6*x2^7*x3^6*x4^6/306 + 107144466889*v1^6*x2^6*x3^8*x4^5/17136
 + 12983554331*v1^6*x2^6*x3^6*x4^7/2142 - 464521818821*v1^6*x2^5*x3^10*x4^4/34272
 - 29118043729*v1^6*x2^5*x3^6*x4^8/1904 + 30256549963*v1^6*x2^4*x3^12*x4^3/4284
 - 733574639*v1^6*x2^4*x3^6*x4^9/4896 - 146388845863*v1^6*x2^3*x3^6*x4^10/7616
 - 4792648985*v1^5*x2^13*x3^5*x4^2/2448 - 361144341407*v1^5*x2^12*x3^5*x4^3/22848
 - 1501772690062639*v1^5*x2^11*x3^5*x4^4/68544 - 414925784269*v1^5*x2^10*x3^5*x4^5/34272
 + 22028079329*v1^5*x2^9*x3^5*x4^6/2856 - 4886006539427*v1^5*x2^9*x3^4*x4^8/34272
 - 99734761075*v1^8*x2^8*x3^5*x4^7/5712 - 2484727487*v1^8*x2^7*x3^7*x4^6/357
 + 60439441133*v1^5*x2^7*x3^5*x4^8/5712 - 3513321305*v1^5*x2^6*x3^9*x4^5/2448
 - 521426227939*v1^5*x2^5*x3^6*x4^8/1984 + 28950969143*v1^5*x2^5*x3^11*x4^4/4896
 + 405310736281*v1^5*x2^5*x3^5*x4^10/34272 - 78549583553*v1^5*x2^4*x3^13*x4^3/9792
 - 1744400062639*v1^5*x2^4*x3^5*x4^11/68544 + 268306962353*v1^5*x2^3*x3^5*x4^12/68544
 - 495817417*v1^4*x2^13*x3^4*x4^2/2448 + 30182625111*v1^4*x2^14*x3^4*x4^3/34272
 - 532202787421*v1^4*x2^13*x3^4*x4^4/68544 - 22223443*x2^23*x3^1/2856 + 154823253535*v1^11*x2^7*x3^2*x4^5/11424
 + 11889786307*v1^11*x2^6*x3^7*x4^7/17136 + 99641822958*v1^11*x2^6*x3^8*x4^6/17136
 + 13633681739*v1^11*x2^6*x3^4*x4^7/11424 - 231284282495*v1^11*x2^5*x3^2*x4^7/34272
 + 11214014591*v1^11*x2^5*x3^6*x4^8/1008 + 102164680501*v1^11*x2^4*x3^3*x2^4*x4^8/17136
 - 2479953154254*v1^11*x2^4*x3*x4^9/8568 + 2230719331759*v1^11*x2^3*x3^2*x4^9/34272
 + 78924278507*v1^11*x2^3*x3*x4^10/4284 - 820598449031*v1^5*x2^8*x3*x4^11/34272
 + 245230812145*x1^5*x2^7*x3^2*x4^11/34272 + 422355074299*v1^5*x2^7*x3*x4^12/17136
 + 13448818415*x1^5*x2^6*x3^2*x4^12/13/8568 - 195297638017*v1^5*x2^6*x3*x4^13/8568
 - 44268437533*x1^5*x2^5*x3^2*x4^13/4284 + 8992395887*v1^5*x2^5*x3*x4^14/4284
 + 79374645255*x1^5*x2^4*x3^2*x4^14/168544 - 1671715328891*v1^5*x2^4*x3*x4^15/8568
 - 2818124233*v1^5*x2^3*x3^2*x4^15/1008 + 1199466860633*v1^5*x2^3*x3*x4^16/11424
 + 8658834745*v1^5*x2^2*x3^2*x4^16/1224 - 92062891303*v1^5*x2^2*x3*x4^17/17136
 - 165227111587*v1^5*x2^3*x3*x4^8/1424 + 14839026031*v1^5*x2^3*x3*x4^9/4896 - 795296281*v1^4*x2^17*x3^4*x3^1008
 - 12312343399*v1^4*x2^16*x3^3*x4^7/11424 + 231284282495*v1^11*x2^5*x3^2*x4^7/34272
 + 132751084909*v1^4*x2^14*x3^2*x4^8/1008 + 102164680501*v1^11*x2^4*x3^3*x2^4*x4^8/17136
 - 36496032329*v1^4*x2^13*x3^2*x4^6/9792 - 231009275855*v1^4*x2^13*x3^2*x4^7/34272
 + 36462387779*v1^4*x2^12*x3^2*x4^7/11424 + 85633262107*v1^4*x2^12*x3*x4^8/34272
 - 100243827437*v1^4*x2^14*x3^2*x4^8/17136 + 71452475173*x1^4*x2^11*x3^4*x4^9/5712
 + 12359368879*v1^6*x2^15*x3^4*x4^3/11424 - 40193834099*v1^6*x2^14*x3^2*x4^3/336
 + 676151149*v1^6*x2^14*x3^2*x4^4/1224 + 2040792637*v1^6*x2^13*x3^2*x4^4/2448
 - 6343958853*v1^6*x2^13*x3^4*x4^5/4284 + 32253059275*v1^6*x2^12*x3^2*x4^5/5712
 - 3160518283*v1^6*x2^11*x3^4*x4^7/1632 - 43555644373*x1^4*x2^6*x3*x4^13/11424
 + 85184426371*v1^4*x2^6*x3*x4^14/4896 + 81965643865*v1^4*x2^5*x3^2*x4^14/9792
 - 82356777353*x1^4*x2^5*x3*x4^15/5712 - 1382274127*x1^4*x2^4*x3*x2^4*x4^15/153
 + 396701294639*v1^4*x2^4*x3*x4^16/34272 + 499213869659*v1^4*x2^3*x3*x2^4*x4^16/11424
 - 8873741909*v1^4*x2^3*x3*x4^17/1428 - 148834720241*v1^4*x2^2*x3^2*x4^17/34272
 + 101534889017*v1^4*x2^1*x3*x4^10/42872 + 28542465043*x1^4*x2^3*x3*x4^18/11424
 - 15703134179*v1^4*x2^10*x3*x4^11/8568 - 192521095*v1^3*x2^17*x3*x4^4/168 + 12623615*v1^3*x2^16*x3^2*x4^4/224
 + 196545441*v1^3*x2^16*x3*x4^5/4284 + 53091747989*v1^3*x2^15*x3*x4^6/12/8568
 + 284423287*v1^3*x2^15*x3*x4^6/2448 - 10682259749*v1^3*x2^14*x3^2*x4^6/22848
 + 4363140146*v1^3*x2^14*x3*x4^7/1071 + 7082702451*v1^3*x2^13*x3^2*x4^7/7568
 + 148445657251*v1^3*x2^13*x3*x4^8/17136 - 14053496231*v1^3*x2^12*x3^2*x4^8/1428
 - 168107834563*v1^3*x2^12*x3*x4^9/11424 + 11578072287*v1^3*x2^11*x3^2*x4^9/11424
 + 49643932399*v1^3*x2^11*x3^4*x4^10/2448 - 81656056015*v1^3*x2^10*x3^2*x4^10/11424
 - 207727581533*v1^3*x2^10*x3*x4^11/8568 + 9119440461*v1^3*x2^9*x3^2*x4^11/3888
 + 138538257111*v1^3*x2^16*x3*x4^5/4284 + 28541515*x1^7*x2^3*x4^12/544
 + 25642650431*v1^7*x2^3*x4^13/5712 + 7108682491*v1^7*x2^3*x4^14/5712 - 213738416633*v1^7*x3^11*x4^7/8568
 + 75756855877*v1^10*x2^2*x3^10*x4^3/11424 + 350231164925*v1^10*x2^2*x3^9*x4^4/34272
 + 278651426797*v1^10*x2^2*x3^8*x4^5/34272 + 2075896732*x1^10*x2^2*x3^7*x4^6/153
 + 7437953051*v1^10*x2^2*x3^6*x4^7/1428 - 179448812971*v1^10*x2^2*x3^5*x4^8/34272
 - 842721576433*v1^10*x2^2*x3*x4^9/34272 - 77747662721*v1^10*x2^3*x11*x4^3/4284
 - 14840568435*x1^10*x2^3*x10*x4^4/952 - 63205922333*x1^10*x2^3*x9*x4^5/4896 - 8712435667*v1^10*x2*x3*x4^6/476
 - 120762885205*x1^10*x2*x3*x4^7*x4^7/8568 - 5978232238*x1^10*x2*x3*x4*x4^8/544
 - 186237299519*v1^10*x2*x3*x4^9/11424 - 556928561*v1^10*x2*x3*x4*x4^10/16
 - 17151100807*v1^10*x2*x3*x4^11/952 + 119612103617*v1^10*x2*x3*x4^10/8568
 - 203196016699*v1^9*x2*x3*x4^3/2856 - 166627285129*v1^9*x2*x3*x4^2*x4^4/17136
 - 337710514943*x1^9*x2*x3*x4^5/34272 - 60040843955*x1^9*x2*x3*x4^3*x4^2*x4^4/11424
 - 317274802259*v1^9*x2*x3*x4^7*x4^7/17136 - 18518246699*v1^9*x2*x3*x4^6*x4^8/1632
 + 17323227305*v1^9*x2*x3*x4*x4^10/3808 - 572584150939*x1^9*x2*x3*x4^11/8568
 + 485789685907*v1^9*x2*x3*x4^12*x4^3/34272 + 54812759411*v1^9*x2*x3*x4^11*x4^4/5712
 + 160770468431*v1^9*x2*x3*x4^12*x4^5/2016 + 20569788766901*v1^9*x2*x3*x4^9/17136
 + 207362806379*v1^9*x2*x3*x4^8*x4^7/17136 + 26712986235*x1^9*x2*x3*x4^7*x4^8/2016 + 5098160863*v1^9*x2*x3*x4^6*x4^9/1224
 + 441253443581*v1^9*x2*x3*x4^5*x4^10/34272 + 3671641447*v1^9*x2*x3*x4*x4^11/144
 + 572064706555*v1^9*x2*x3*x4^3*x4^12/34272 - 117851982905*x1^8*x2*x3*x4^7*x4^9/11424
 + 63502430399*v1^8*x2*x3*x4^2*x4^9/2448 + 4346555787611*v1^8*x2*x3*x4^10/34272
 + 199695688541*v1^8*x2*x3*x4^2*x4^10/34272 - 36804098530*x1^8*x2*x3*x4^11/17136
 - 134922758287*v1^8*x2*x3*x4^2*x4^11/34272 + 87338160823*x1^8*x2*x3*x4^12/2142
 - 1314901778167*v1^8*x2*x3*x4^2*x4^12/34272 - 165572175871*v1^8*x2*x3*x4^13/8568
 - 194473934597*v1^8*x2*x3*x4^2*x4^13/17136 + 1662840349*x1^8*x2*x3*x4^14/1632
 + 831186754*v1^8*x2*x3*x4^2*x4^14/63 - 492496538669*x1^8*x2*x3*x4^15/34272 - 30037485609*x1^8*x2*x3*x4^16/34272
 - 78087024949*v1^6*x2*x3*x4^6/17136 - 2047520655*x1^6*x2*x3*x4^6*x4^4/24284 - 10348623787*v1^5*x2*x3*x4^5/2448
 - 7266194395*v1^5*x2*x3*x4^4*x4/8568 - 25125150409*x1^4*x2*x3*x4^4/8568 + 3424133*x1^4*x2*x3*x4^4/34272
 - 24360847439*v1^3*x2*x3*x4^10/34272 + 426028475*x1^3*x2*x3*x4/4284 - 103490384245*x1^18*x2*x3*x4^3/2142
 + 157968819409*v1^15*x2*x3*x4^5*x4/17136 + 26776858025*x1^15*x2*x3*x4^4/2448
 + 2304711571*v1^15*x2*x3*x4^5*x4/544 + 15*x2*x3*x4^6*x4/632 + 10155578443*x1^15*x2*x3*x4^5*x4/544
 + 714957890543*x1^15*x2*x3*x4^5*x4/34272 + 56959303913*x1^15*x2*x3*x4^4*x4/34272
 - 28630948313*v1^14*x2*x3*x4^3/4032 + 16496566861*v1^12*x3*x4^2/8568 + 4661544039*x1^12*x3*x4^2/34272

- 9136267849*v1^11*v3^13*v4/4284 - 95955809419*v1^11*v3^12*v4^2/34272 - 35800419517*v1^11*v3^11*v4^3/17136
 + 12601882693*v1^10*v3^10*v4^5/4284 - 374860052719*v1^10*v3^4*v4/11/34272 - 10238657029*v1^9*v3^12*v4^4/4284
 - 14275752461*v1^9*v3^11*v4^5/5712 - 687140893*v1^9*v3^10*v4^6/4896 + 310570073101*v1^9*v3^6*v4^10/34272
 + 22192034111*v1^8*v3^12*v4^5/34272 + 88607333861*v1^8*v3^11*v4^6/34272 - 3789721997*v1^8*v3^10*v4^7/3568
 - 161940529465*v1^8*v3^12*v4^5/34272 - 143116321*v1^7*v3^12*v4^6/238 + 6192799421*v1^7*v3^10*v4^8/2016
 - 1128501691*v1^6*v3^12*v4^7/1904 + 7076658707*v1^6*v3^11*v4^8/2142 - 69347117897*v1^6*v3^10*v4^9/11424
 + 5298588413*v1^5*v3^12*v4^6/17136 + 25905725611*v1^5*v3^12*v4^8/8568 - 16180433539*v1^5*v3^11*v4^9/2448
 + 190795582559*v1^5*v3^10*v4^10/17136 - 86059400333*v1^4*v3^16*v4^5/8568 - 3356973904*v1^4*v3^12*v4^9/357
 + 412423428715*v1^4*v3^11*v4^10/34272 - 5087846628631*v1^4*v3^10*v4^11/34272 + 1908927627*v1^3*v3^18*v4^4/11424
 + 371826161375*v1^3*v3^12*v4^10/34272 + 5441524521291*v1^3*v3^10*v4^12/34272 + 1052798575*v1^2*x3^20*v4^3/8568
 - 11282112209*v1^2*x3^12*v4^11/816 + 315522234371*v1^2*x3^11*v4^12/17136 - 698619546001*v1^2*x3^10*v4^13/34272
 + 47848147729*v1^3*x3^11*v4^12/1904 - 47478349937*v1^3*x3^10*v4^13/17136 + 111*x3^10*v4^14/17136
 - 39762785765*v1^3*x3^11*v4^11/2856 + 165848423*x1^23*v3*x4/8568 - 3090153547*v1^14*x3^10*v4^8/8568
 + 6633201299*v1^13*x3^10*v4^2/17136 + 49898325203*v1^12*x3^10*v4^3/34272 - 16335021029*v1^11*x3^10*v4^4/4896
 + 569315437013*v1^11*x3^2*x4^2/34272 - 42206092191*v1^13*x3^11*v4/4284 + 3545511607*v1^10*x3^12*x4^3/1632
 + 115296936689*v1^10*x3^11*v4^4/34272 - 2676796873*x1^21*x3^4/34272 + 7300993645*v1*x3^20*v4^4/34272
 - 180266284591*v1^3*x4^5/34272 - 40467049139*v1*x3^18*v4^6/34272 - 68477417*x1^3^17*x4^7/28
 + 23083513693*v1^3*x4^6/34272 - 48467049139*v1*x3^18*v4^6/34272 + 58588967527*v1*x3^14*x4^8/4896
 - 339196011707831*v1^3*x4^11/17136 - 2471111970831*v1^3*x4^15/11424 + 373505011611*v1^3*x4^16/2448
 - 528441600131*v1^3*x7*v4^17/5712 + 165130792411*v1*x3^6*x4^18/34272 - 737663638931*v1*x3^5*x4^19/34272
 + 28029406817*v1^3*x4^20/34272 - 373505011611*v1^3*x4^21/8568 + 2427979109*v1*x3^2*x4^22/34272
 - 1678415*v1*x3*x4^23/102 - 78875183*x1^2*x3^19*x4/4338 + 14271661295*v1^2*x3^18*x4^5/34272
 - 20147193793*v1^2*x3^17*x4^6/34272 - 18568229801*x1^18*x2*x4*x3*x4^2/11424 + 11292481843*v1^18*x2^3*x3*x4/3808
 - 14549473775*v1^18*x2^3*x3*x2*x4^2/3808 - 18715979465*x1^2*x2^2*x3*x4/5712
 - 119291849521*v1^18*x2^2*x3*x4^2/34272 - 71330427295*v1^18*x2*x3^5*x4/17136
 - 162738630483*v1^18*x2^3*x4^2/34272 + 9875172091*x1^21*x2^2*x3*x4/34272 + 1275482935*v1^21*x2*x3^2*x4/3808
 + 6486743495*v1^21*x2*x3*x4/2/1904 - 25546380617*v1^20*x2^2*x3*x4/34272 - 233672055*v1^20*x2*x3^2*x4/288
 - 100629785*v1^20*x2^2*x3*x4^2/126 - 31514084271*x1^19*x3^5*x4/11424 - 3083268527*v1^19*x3*x4^2/2856
 - 971866969*v1^20*x3*x4/4/2448 + 1085514741*v1^19*x3^5*x4/11424 + 3083268527*v1^19*x3*x4^2/2856
 + 391319340891*v1^19*x3*x4/3/34272 + 36671348005*v1^19*x3^2*x4/21/8568 + 1340256383*v1^19*x3*x4^5/2142
 - 52710157747*v1^18*x3*x6*x4/34272 - 16248495*x1^22*x3^2*x4/224 - 112733669*v1^22*x3*x4/2/1632
 + 531310563841*v1^7*x2*x3*x4^2/34272 - 6668305997*v1^7*x2*x3^9*x4/476
 - 13232334821*v1^7*x2*x3*x4^2/2856 + 11957408237*v1^7*x2^7*x3*x4/10*x4/816
 + 152576124235*v1^7*x2^7*x3*x4^2/17136 - 103390974199*v1^7*x2^6*x3*x4/8568
 - 100032993323*v1^7*x2^6*x3^10*x4^2/8568 + 2936686367*v1^7*x2^5*x3^12*x4/2856
 + 438944877121*v1^7*x2^5*x3^11*x4/2/34272 - 15233988901*v1^7*x2^4*x3*x4/2448
 - 13394162175*x1^7*x2^4*x3^12*x4/2/11424 + 174531745495*v1^7*x2^3*x4^14*x4/34272
 + 84394139783*v1^7*x2^3*x3*x4^2/8568 - 11313357539*x1^7*x2^2*x3^15*x4/4896
 - 367178241257*x1^7*x2^2*x3^14*x4^2/5712 + 34758192767*v1^7*x2*x3^16*x4/17136
 + 59788300697*v1^7*x2*x3^15*x4/2/17136 - 12634836779*x1^6*x2^17*x3*x4/8568 + 334122933*v1^6*x2^16*x3^2*x4/238
 - 2859834667*v1^7*x2*x3^15*x4/2/17136 + 15658041959*x1^6*x2^15*x3*x4/34272
 - 552441704691*v1^6*x2^15*x3^2*x4^2/11424 - 54052493983*x1^6*x2^14*x3^4*x4/8568
 + 66649375555*v1^6*x2^14*x3^3*x4^2/5712 + 5915788621*v1^6*x2^13*x3^5*x4/4248
 - 623562554299*v1^6*x2^13*x3^4*x4^2/34272 + 218073869561*x1^6*x2^12*x3^2*x4^2/34272
 + 432064352053*v1^6*x2^11*x3^7*x4/68544 - 11609650207*x1^6*x2^10*x3^8*x4/4032
 + 1592972585875*v1^6*x2^10*x3^7*x4^2/68544 - 1449091777*x1^6*x2^9*x3^9*x4/576
 - 1021816738721*v1^8*x2^12*x3*x4/68544 + 162710812577*x1^8*x2^12*x3*x4/2/68544
 - 27023211945*v1^8*x2^11*x3*x4/2/11424 - 54052493983*x1^6*x2^15*x3*x4/2/11424
 + 155461842485*v1^6*x2^6*x3^5*x4^8/8568 + 88928745029*x1^6*x2^6*x3^4*x4/9/17136
 + 150369072833*x1^6*x2^6*x3^3*x4/10/4896 - 36781348123*x1^6*x2^5*x3*x4/3/34272
 - 1528918609*v1^6*x2^5*x3*x4/9/272 - 1861043514*x1^6*x2^5*x3*x4/6/119
 - 47444383927*v1^6*x2^5*x3^7*x4/7/8568 - 26115184969*x1^6*x2^5*x3^5*x4/8/2856
 + 4602866937*v1^6*x2^5*x3^4*x4/10/2856 - 260090785141*x1^6*x2^5*x3^3*x4/11/2856
 + 16228043153*v1^6*x2^4*x3^11*x4/1632 + 53152686925*x1^6*x2^4*x3^10*x4/5/17136
 + 412449429409*x1^6*x2^4*x3^4*x4/6/34272 + 742033878903*x1^6*x2^4*x3^8*x4/7/34272
 + 52084102491*v1^6*x2^4*x3^7*x4/8/3808 + 910259253467*x1^6*x2^4*x3^5*x4/10/34272
 - 181649129101*x1^6*x2^4*x3^4*x4/7/34272 + 229406644961*x1^6*x2^4*x3^3*x4/12/17136
 - 24513075431*x1^6*x2^3*x3*x4/3/3264 - 40008457897*x1^6*x2^3*x3^2*x4/4/68544
 + 56746177231*x1^6*x2^3*x3*x4/5/68544 - 13509083501*x1^6*x2^3*x3^2*x4/6/9792
 - 37514239957*x1^6*x2^3*x3*x4/7/68544 - 18080843353*x1^6*x2^3*x3^8*x4/8/1088
 + 108379061059*x1^6*x2^3*x3*x4/9/2984 - 124950623855*x1^6*x2^3*x3^5*x4/11/68544
 + 9687886937*x1^6*x2^3*x3*x4/12/9792 - 308819895259*x1^6*x2^3*x3*x4/13/22848
 + 167215911559*x1^6*x2^2*x3^11*x4/6/22848 - 7285681357*x1^5*x2^14*x3*x4/2856
 + 179300355391*x1^5*x2^13*x3*x4/3/34272 + 128909343295*x1^5*x2^13*x3*x4/2856
 - 64737290651*x1^5*x2^13*x3^2*x4/5/17136 - 22580817113*x1^5*x2^12*x3*x4/22848
 - 35219573861*x1^5*x2^12*x3*x4/5/68544 + 97732454567*x1^5*x2^11*x3^6*x4/43032
 + 818346514225*x1^5*x2^11*x3*x4/5/68544 + 22554498761*x1^5*x2^11*x3^3*x4/6/9792
 - 302923062055*x1^5*x2^10*x3^7*x4/3/11424 - 233942570987*x1^5*x2^10*x3^6*x4/34272
 - 26402970857*x1^5*x2^10*x3^4*x4/6/4284 - 435735770207*x1^5*x2^10*x3^5*x4/7/34272
 + 551262442091*v1^5*x2^10*x3^7*x4/17136 + 29169356873*x1^5*x2^9*x3^7*x4/4/3808
 + 208749131924*x1^5*x2^9*x3^4*x4/5/1224 - 38183466671*x1^5*x2^9*x3^4*x4/7/2856
 - 1052469871499*x1^5*x2^8*x3*x4/3/34272 - 16317616849*x1^5*x2^8*x3^8*x4/1632
 - 103819062213*x1^5*x2^8*x3^4*x4/5/5712 - 135542217551*x1^5*x2^8*x3^6*x4/6/17136
 - 16182506961*x1^5*x2^8*x3^4*x4/8/1904 - 705697723495*x1^5*x2^8*x3^4*x4/34272
 + 103601247193*x1^5*x2^7*x3*x4/5/5712 + 216646567745*x1^5*x2^7*x3*x4/2/34272
 - 1714499311793*x1^9*x2^12*x3*x4/6/8568 + 1963720137503*x1^9*x2^12*x3*x4/2/8568
 + 128738619113*x1^9*x2^11*x3*x4/6/68544 - 1842272790895*x1^9*x2^11*x3*x4/2/68544
 + 361228523401*x1^9*x2^10*x3^5*x4/6/7616
 + 36002628125*x1^9*x2^9*x3*x4/6/68544 - 229790164621*x1^9*x2^9*x3^5*x4/2/2848
 - 7888091385*x1^9*x2^8*x3^7*x4/9/68544 - 32721160959*x1^9*x2^8*x3^6*x4/2/34272
 + 36473333953*x1^9*x2^7*x3*x4/8/4896 - 93571743*x1^9*x2^7*x3*x4/224 - 3783211067*x1^9*x2^6*x3*x4/2/816
 + 8271316199*x1^9*x2^5*x3^3*x4/10*x4/816 - 14152226415*x1^9*x2^4*x3^3*x4/11*x4/1904
 - 32859816543041*x1^9*x2^4*x3^10*x4/34272 + 371389389359*x1^9*x2^3*x3^12*x4/34272
 + 627005344073*x1^9*x2^3*x3^11*x4/2/34272 - 6156678496*x1^9*x2^2*x3^13*x4/1071
 - 38376884297*x1^9*x2^2*x3^12*x4/2/3808 + 200628308299*x1^9*x2^2*x3^14*x4/34272
 + 1520285542509*x1^9*x2^13*x4/6/11424 - 48492806039*x1^8*x2^15*x3*x4/4/11424
 + 551262442091*x1^9*x2^10*x3^5*x4/6/7616
 + 30002628125*x1^9*x2^9*x3*x4/6/68544 - 229790164621*x1^9*x2^9*x3^5*x4/2/2848
 - 7888091385*x1^9*x2^8*x3^7*x4/9/68542 - 32721160959*x1^9*x2^8*x3^6*x4/2/34272
 + 36473333953*x1^9*x2^7*x3*x4/8/4896 - 93571743*x1^9*x2^7*x3*x4/224 - 3783211067*x1^9*x2^6*x3*x4/2/816
 - 34767881093*x1^11*x2^4*x3^9*x4/11424 + 25759504483*x1^11*x2^4*x3^8*x4/2/17136
 - 59686918289*x1^11*x2^3*x3^10*x4/34272 + 136848996905*x1^11*x2^3*x3^9*x4/2/5712
 - 5298787035*x1^11*x2^2*x3^10*x4/2/11424 + 86978623529*x1^15*x2^6*x3*x4/3/11424
 + 240903972071*x1^15*x2^5*x3^2*x4/3/1904 + 335979726535*x1^15*x2^5*x3*x4/4/34272
 + 26104647595*x1^15*x2^4*x3^2*x4/4/2448 + 28073112695*x1^15*x2^4*x3*x4/5/4896
 + 632403079696*x1^15*x2^3*x3^2*x4/5/34272 + 102184071347*x1^15*x2^3*x3*x4/6/8568
 + 1191938558893*x1^8*x2^2*x3*x4/10/4896 - 439452265831*x1^8*x2^13*x3^2*x4/2/22848
 - 34767881093*x1^11*x2^4*x3^9*x4/11424 + 25759504483*x1^11*x2^4*x3^8*x4/2/17136
 - 59686918289*x1^11*x2^3*x3^10*x4/34272 + 136848996905*x1^11*x2^3*x3^9*x4/2/5712
 - 5298787035*x1^11*x2^2*x3^10*x4/2/11424 + 86978623529*x1^15*x2^6*x3*x4/3/11424
 + 240903972071*x1^15*x2^5*x3^2*x4/3/1904 + 335979726535*x1^15*x2^5*x3*x4/4/34272
 + 26104647595*x1^15*x2^4*x3^2*x4/4/2448 + 28073112695*x1^15*x2^4*x3*x4/5/4896
 + 632403079696*x1^15*x2^3*x3^2*x4/5/34272 + 102184071347*x1^15*x2^3*x3*x4/6/8568
 + 1191934945361*x1^10*x2^2*x3*x4/4/1904 - 4691052265*x1^10*x2^9*x3^2*x4/4/4284
 - 32332502737*x1^10*x2^9*x3*x4/5/11424 - 2964005815*x1^10*x2^8*x3^2*x4/5/1632
 - 12576634927*x1^10*x2^8*x3*x4/6/34272 - 181365156061*x1^10*x2^7*x3^2*x4/6/7616
 - 371113137991*x1^10*x2^7*x3*x4/7/11424 - 1452358171*x1^10*x2^6*x3*x4/7/168
 + 9043803601*x1^10*x2^5*x3*x4/8/34272 - 6257502113*x1^10*x2^5*x3^2*x4/8/4284
 - 27695446031*x1^10*x2^5*x3*x4/9/2016 - 9060452125*x1^10*x2^4*x3^2*x4/9/2856
 - 326833908931*x1^10*x2^3*x3*x4/11/17136 - 9197791647*x1^10*x2^2*x3^2*x4/11/952
 + 130856929783*x1^10*x2^2*x3*x4/12/34272 + 348674719265*x1^10*x2^2*x3^2*x4/12/34272
 - 818123410739*x1^10*x2*x3*x4/13/34272 - 94753641011*x1^14*x2^2*x3^5*x4/4/9792
 - 673495945361*x1^14*x2^2*x3*x4/5/68544 + 455864119313*x1^14*x2^2*x3^3*x4/6/68544
 - 75631934983*x1^14*x2^2*x3^7*x4/3/34272 - 77191534955*x1^14*x2^2*x3^6*x4/4/34272
 - 365037534299*x1^14*x2^2*x3^5*x4/5/17136 - 97494977199*x1^14*x2^3*x4*x4/6/34272
 - 336599652145*x1^14*x2^2*x3^3*x4/7/17136 + 53977558981*x1^13*x2^2*x3^2*x4/7/17136
 + 44228520151*x1^13*x2^2*x3^2*x4/4/11424 + 121235753881*x1^13*x2^2*x3^5*x4/5/17136
 - 92724380369*x1^13*x2^2*x3^4*x4/6/11424 - 766378902371*x1^13*x2^2*x3^3*x4/7/34272
 + 208457129437*x1^13*x2^2*x3^8*x4/3/8568 - 108761769391*x1^13*x2^2*x3^7*x4/4/4284
 + 52625394037*x1^13*x2^2*x3^6*x4/5/2448 + 40792159895*x1^13*x2^3*x5*x4/6/17136
 + 605712637003*x1^13*x2^3*x4*x4/7/17136 + 237617363467*x1^13*x2^3*x3*x4/8/11424 - 9583733*x1^20*x2*x3*x4/3/102
 + 8917230613*x1^19*x2^2*x3*x4/3/4896 + 455864119313*x1^19*x2^3*x4*x4/6/11424 + 8322032739*x1^19*x2*x3*x4/4/3808
 - 3304691323*x1^18*x2^2*x3*x4/3/9586 - 31144936073*x1^18*x2^2*x3*x4/2/9586
 - 40158929879*x1^18*x2^2*x3*x4/4/11424 - 149201757175*x1^18*x2*x3*x4/4/34272

- 150538864757*v1^18*v2*v3*v4^5/34272 - 16457640671*v1^20*v2*v3^2*v4^2/17136 + 19782029*v2^2*v3^22*v4/1632
 + 143874823853*v1^11*v2*v3^2*v4/11424 - 140225471921*v1^10*v2*v3*v4/17136
 + 114157014959*v1^10*v2^2*12*x^3*2*v4/8568 - 56084617171*v1^10*v2^2*12*x^3*v4^2/5712
 + 1975734153607*v1^10*v2^2*11*x^3*3*v4/68544 - 2494742891315*v1^10*v2^2*11*x^3*v4^2/68544
 - 1317797746339*x1^10*v2^2*10*x^3*4*v4/68544 + 1748819902649*v1^10*v2^2*10*x^3*3*v4^2/68544
 - 662004849931*v1^10*x^2*9*v3^5*v4/68544 + 145984721857*v1^10*x^2*9*v3^4*x^4/2/68544
 - 33569554649*x1^10*v2^2*8*x^3*6*v4/22848 - 709199052341*v1^10*x^2*8*x^3*5*v4/2/68544
 - 57294435349*x1^10*v2^2*7*x^3*6*v4/34272 - 21388337971*v1^10*x^2*7*x^3*6*v4^2/1224
 + 49517750663*v1^10*x^2*6*x^3*8*v4/34272 + 68662807587*v1^10*x^2*6*x^3*v4^2/17136
 - 14345384617*v1^10*x^2*5*x^3*9*v4/1632 - 527864900215*v1^10*x^2*5*x^3*8*v4^2/34272
 + 86480311163*v1^10*x^2*4*x^3*v4^2/17136 - 22202088977*v1^10*x^2*v3^3*v4^2/1632
 + 256496579615*v1^10*x^2*2*x^3*12*x^4/3808 - 97865981015*v1^10*x^2*x^3*11*x^4/2/11424
 - 309949930457*v1^10*x^2*x^3*13*x^4/34272 - 82182437465*v1^10*x^2*x^3*12*x^4/2/4284
 - 670859538357*x1^11*x^2*10*x^3*v4/4284 + 1363230701905*x1^12*x^2*9*v3^3*x^4/68544
 - 16054830327*x1^12*x^2*x^3*x^2*x^4/2/448 - 383186628173*x1^12*x^2*x^3*x^4/v4/22848
 + 66291534691*x1^12*x^2*x^3*x^2*x^4/2/7616 - 93666073709*v1^12*x^2*7*x^3*5*v4/7616
 - 681369404375*x1^12*x^2*7*x^3*4*x^4/68544 - 298817992877*v1^12*x^2*6*x^3*6*x^4/68544
 - 984882216367*v1^12*x^2*6*x^3*5*v4/68544 - 528194323441*v1^12*x^2*5*x^3*x^4/34272
 - 57706394249*x1^12*x^2*4*x^3*7*x^4/2/34272 - 13942208533*x1^12*x^2*4*x^3*8*v4/11424
 - 10997011595*v1^12*x^2*4*x^3*7*x^4/2/2016 - 282459502265*x1^12*x^2*x^3*x^4/v4/17136
 - 93719400277*x1^12*x^2*x^3*x^2*x^4/2/3808 + 1562804209*x1^12*x^2*x^3*x^2*x^4/544
 - 18130979987*x1^12*x^2*x^3*x^2*x^4/2/34272 - 8484021447*v1^12*x^2*x^3*11*x^4/544
 - 74747274253*x1^12*x^2*x^3*10*x^4/2/2856 + 43330597633*x1^11*x^2*x^3*x^2*x^4/4284
 + 47998915567*x1^11*x^2*x^3*x^2*x^4/2/4272 + 65439893531*v1^11*x^2*x^3*x^2*x^4/2/4896
 - 207739373043*v1^11*x^2*10*x^3*3*v4/7616 + 379382627953*v1^11*x^2*10*x^3*2*v4^2/9792
 + 1302628811291*x1^11*x^2*9*x^3*x^4*v4/68544 - 1221026327845*v1^11*x^2*9*x^3*x^4/v2/68544
 + 224766431227*x1^11*x^2*8*x^3*x^4/v4/22848 + 116182198477*v1^11*x^2*x^3*x^4*x^4/2/68544
 + 1381464548053*x1^11*x^2*7*x^3*6*x^4/22848 + 1173958702417*v1^11*x^2*7*x^3*5*v4/2/68544
 - 51270538181*x1^11*x^2*6*x^3*x^7*x^4/34272 - 343898750561*v1^11*x^2*6*x^3*6*x^4/2/34272
 + 15085775551*x1^11*x^2*5*x^3*x^8*v4/1632 + 443277099551*x1^11*x^2*x^3*x^7*x^4/2/34272
 - 243897745573*x1^14*x^2*x^3*x^7*x^4/17136 - 65795918317*x1^14*x^2*x^3*x^6*x^4/2/34272
 - 41716203037*x1^14*x^2*x^3*x^8*x^4/8568 - 2740186049*x1^14*x^2*x^3*x^7*x^4/2/336 - 20325961657*v1^14*x^2*v3^9*v4/1224
 - 64539723289*x1^14*x^2*x^3*x^8*x^4/2/856 + 2132603805*v1^7*x^2*x^3*x^4/8/1904
 - 3398238797*x1^7*x^2*x^6*x^3*x^4/3/252 - 184785851353*v1^7*x^2*x^6*x^3*x^4/4/17136
 - 11379880899*x1^7*x^2*x^6*x^3*x^4/6/2142 - 323187771643*x1^7*x^2*x^6*x^3*x^4/7/17136
 - 71502893369*x1^7*x^2*x^6*x^3*x^4/v4/17136 - 127800349917*v1^7*x^2*x^6*x^3*x^4/9/3808
 + 6263561729*x1^7*x^2*x^5*x^3*x^4/2/3808 + 8466122753*x1^7*x^2*x^5*x^3*x^4/5/5712
 + 299970037775*x1^7*x^2*x^5*x^6*x^4/2/476 - 502220983*x1^7*x^2*x^5*x^3*x^4/8/476
 + 824569323247*x1^7*x^2*x^5*x^4*x^4/9/34272 - 702795550615*x1^7*x^2*x^5*x^3*x^4/10/34272
 - 321886546159*x1^7*x^2*x^4*x^3*x^10*x^4/4/34272 - 1596284183*x1^7*x^2*x^4*x^3*x^4/5/136
 - 12140145763*x1^7*x^2*x^4*x^3*x^5*x^4/2/2142 - 1824234445*x1^7*x^2*x^4*x^3*x^6*x^4/8/816
 - 1080839879685*x1^7*x^2*x^4*x^3*x^5*v4/9/34272 + 46645650221*x1^7*x^2*x^4*x^3*x^4/10/34272
 - 104565370607*x1^7*x^2*x^4*x^3*x^4/11/17136 + 407718966925*x1^7*x^2*x^3*x^3*x^2*x^4/3/34272
 + 3059856443*x1^7*x^2*x^5*x^3*x^4/1632 + 16387217937*x1^7*x^2*x^3*x^3*x^10*x^4/5/1904
 + 232426613477*x1^7*x^2*x^3*x^9*x^4/6/34272 + 23472162533*x1^7*x^2*x^3*x^8*x^4/7/2142
 + 27291366587*x1^7*x^2*x^3*x^4*x^4/9/34272 + 39394672105*x1^7*x^2*x^3*x^5*x^4/10/8568
 - 139581182191*x1^7*x^2*x^3*x^4*x^4/11/11424 + 458045129837*x1^7*x^2*x^3*x^4*x^4/12/34272
 - 391102646537*x1^7*x^2*x^2*x^3*x^4*x^4/34272 - 418873327*x1^6*x^2*x^2*x^3*x^4*x^3/3808
 + 8484825967*x1^6*x^2*x^12*x^3*x^4*x^4/5/5712 - 161311123441*x1^6*x^2*x^12*x^3*x^4/4/34272
 + 164582418143*x1^6*x^2*x^11*x^3*x^4*x^4/2/22848 + 56624668305*x1^6*x^2*x^11*x^3*x^4*x^4/4/68544
 + 856367171017*x1^6*x^2*x^11*x^3*x^4*x^5/9792 - 47460382467*x1^6*x^2*x^11*x^3*x^2*x^4/6/7616
 + 5285465397*x1^6*x^2*10*x^3*x^5*x^4/3264 - 242669716073*x1^6*x^2*10*x^3*x^4*x^4/5/68544
 + 92851738117*x1^6*x^2*x^3*x^4*x^5*x^4/6/68544 - 2885055221*x1^6*x^2*x^3*x^4*x^3/6/2
 - 8092857415*x1^6*x^2*x^9*x^3*x^5*x^4/5/17136 - 44374111921*x1^6*x^2*x^9*x^3*x^4*x^6/34272
 - 62271604847*x1^6*x^2*x^9*x^3*x^4*x^5/17136 + 6719313991*x1^6*x^2*x^9*x^3*x^4*x^3/1224
 + 312651132175*x1^6*x^2*x^8*x^3*x^7*x^4/17136 + 31628513037*x1^6*x^2*x^8*x^3*x^5*x^4/6/1904
 + 514548386453*x1^6*x^2*x^8*x^3*x^4*x^8/34272 - 349408155913*x1^6*x^2*x^7*x^9*x^4*x^3/34272
 - 312326816575*x1^6*x^2*x^7*x^3*x^8*x^4/17136 - 359209999*x1^6*x^2*x^7*x^3*x^4*x^5/51
 - 71687846267*x1^6*x^2*x^7*x^3*x^5*x^4/7/8568 - 5533569745*x1^6*x^2*x^7*x^3*x^4*x^4/8/357
 - 9641903147*x1^6*x^2*x^7*x^3*x^4*x^9/6762 + 245321197909*x1^6*x^2*x^6*x^3*x^10*x^4/3/2856
 + 158459224775*x1^6*x^2*x^6*x^3*x^4*x^4/8568 + 30510308787*x1^7*x^2*x^3*x^4*x^4/8/4896 + 287542751803*x1^7*x^2*x^8/34272
 + 93759564736*x1^7*x^2*x^3*x^4*x^5/17136 + 302834231809*x1^7*x^2*x^3*x^9*x^4/2/34272
 + 888699115321*x1^7*x^2*x^3*x^8*x^4/2/22848 + 306876398623*x1^7*x^2*x^3*x^7*x^4/2/22848
 + 767329719097*x1^7*x^2*x^3*x^6*x^4/6/68544 + 348670846967*x1^7*x^2*x^3*x^5*x^4/6/22848
 + 495755246255*x1^7*x^2*x^3*x^4*x^4/7/34272 + 309794642383*x1^7*x^2*x^3*x^3*x^4*x^4/7/17136
 + 199078274531*x1^7*x^2*x^3*x^4*x^4/9/17136 + 11632102557*x1^7*x^2*x^3*x^4*x^4/10/4896
 + 44155901999*x1^7*x^2*x^3*x^11*x^4/17136 - 30910747243*x1^7*x^2*x^3*x^10*x^4/2/34272
 - 3444669660583*x1^7*x^2*x^3*x^4*x^3/68544 - 1018350351785*x1^7*x^2*x^3*x^4*x^4/68544
 - 6917552347*x1^7*x^2*x^3*x^7*x^4/6/68544 - 1128535103179*x1^7*x^2*x^3*x^6*x^4/6/68544
 - 651260663147*x1^7*x^2*x^3*x^5*x^4/7/34272 - 483622094911*x1^7*x^2*x^3*x^4*x^4/8/34272
 - 132087955907*x1^7*x^2*x^3*x^4*x^5/9712 - 114204573619*x1^7*x^2*x^3*x^2*x^4/10/11424
 - 46410436435*x1^7*x^2*x^3*x^4*x^11/1632 - 20379624611*x1^7*x^2*x^3*x^12*x^4/5/5712
 + 9700084631*x1^7*x^2*x^3*x^11*x^4/2/11424 - 382553728297*x1^7*x^2*x^3*x^10*x^4/3/68544
 + 93460274917*x1^7*x^2*x^3*x^9*x^4/4/68544 + 489264286963*x1^7*x^2*x^3*x^8*x^4/5/68544
 + 148325713579*x1^7*x^2*x^3*x^7*x^4/9/9792 - 3212428753*x1^7*x^2*x^11*x^3*x^6*x^4/7/1632
 + 605965141055*x1^7*x^2*x^3*x^5*x^4/8/34272 + 44599370401*x1^7*x^2*x^11*x^3*x^4*x^4/9/3808
 + 101745481003*x1^7*x^2*x^11*x^3*x^3*x^4/10/3808 + 60105932339*x1^7*x^2*x^11*x^3*x^2*x^4/11/11424
 + 359162670155*x1^7*x^2*x^11*x^3*x^4*x^12/11424 - 261688459*x1^7*x^2*x^10*x^3*x^13*x^4/7/714
 - 126804990541*x1^7*x^2*x^10*x^3*x^12*x^4/2/17136 - 404756324405*x1^7*x^2*x^10*x^3*x^11*x^4/3/7616
 - 68622970389*x1^7*x^2*x^10*x^3*x^10*x^4/4/68544 - 266449388141*x1^7*x^2*x^10*x^3*x^9*x^4/5/68544
 - 717904215443*x1^7*x^2*x^10*x^3*x^8*x^4/6/68544 - 68107780387*x1^7*x^2*x^10*x^3*x^7*x^4/7/34272
 - 39545731091*x1^7*x^2*x^10*x^3*x^4*x^10/34272 - 20385140883*x1^7*x^2*x^10*x^3*x^4*x^9/11424
 + 12297717373*x1^7*x^2*x^8*x^3*x^7*x^4/17136 + 37127347*x1^7*x^2*x^2*x^3*x^4/11424 - 248760731*x1^7*x^2*x^2*x^2*x^4/5/5712
 + 5669679591*x1^7*x^2*x^10*x^3*x^4*x^2/3808 + 188587835*x1^7*x^2*x^2*x^2*x^2*x^3/4896 + 4083437*x1^7*x^2*x^2*x^2*x^4/357
 - 1929944453*x1^7*x^2*x^9*x^3*x^4/5/17136 - 31727347*x1^7*x^2*x^2*x^2*x^3*x^4/17136
 - 35078186219*x1^7*x^2*x^9*x^3*x^4/3/5712 - 517477035959*x1^7*x^2*x^9*x^3*x^4/4/17136
 - 32487843607*x1^7*x^2*x^9*x^3*x^7*x^4/5/4896 - 23077878577*x1^7*x^2*x^9*x^3*x^6*x^4/6/17136
 - 170474889147*x1^7*x^2*x^9*x^3*x^4*x^7/17136 - 566025710389*x1^7*x^2*x^9*x^3*x^4*x^9/34272
 + 12297717373*x1^7*x^2*x^8*x^3*x^7*x^4/17136 + 373604441141*x1^7*x^2*x^8*x^3*x^9*x^4/4/17136
 + 6822947477*x1^7*x^2*x^8*x^3*x^8*x^4/5/1632 + 143183404537*x1^7*x^2*x^8*x^3*x^7*x^4/6/8568
 + 22050575989*x1^7*x^2*x^8*x^3*x^5*x^4/8/1428 + 144883687249*x1^7*x^2*x^8*x^3*x^4*x^10/5712
 - 142843255231*x1^7*x^2*x^7*x^3*x^11*x^4/3/17136 - 284568073657*x1^7*x^2*x^7*x^3*x^10*x^4/4/11424
 - 18203568825*x1^7*x^2*x^7*x^3*x^9*x^4/5/3808 - 4929916847*x1^7*x^2*x^7*x^3*x^7*x^4/7/714
 - 60051989083*x1^7*x^2*x^7*x^3*x^9*x^4/7/17136 - 1067858162*x1^7*x^2*x^7*x^3*x^5*x^4/9/1071
 - 64314898559*x1^7*x^2*x^7*x^3*x^4*x^11/34272 + 10847401075*x1^7*x^2*x^6*x^3*x^12*x^4/3/1632
 + 61477335103*x1^7*x^2*x^6*x^3*x^11*x^4/4/34272 + 537604441141*x1^7*x^2*x^6*x^3*x^9*x^4/4/8568
 - 26032576781*x1^7*x^2*x^6*x^3*x^8*x^4/7/34272 + 550839394043*x1^7*x^2*x^6*x^3*x^7*x^4/8/34272
 - 5437320699*x1^7*x^2*x^6*x^3*x^9*x^4/9/34272 + 18422340899*x1^7*x^2*x^6*x^3*x^5*x^4*x^10/1224
 + 73160194783*x1^7*x^2*x^6*x^3*x^3*x^4/12/34272 - 114906558769*x1^7*x^2*x^5*x^3*x^13*x^4/3/22848
 + 164402197123*x1^7*x^2*x^5*x^3*x^11*x^4/6/68544 - 319871960515*x1^7*x^2*x^5*x^3*x^10*x^4/6/22848
 + 371697374189*x1^7*x^2*x^5*x^3*x^9*x^4/7/68544 - 102641892245*x1^7*x^2*x^5*x^3*x^8*x^4/8/7616
 - 2790083821*x1^7*x^2*x^5*x^3*x^7*x^4/9/68544 - 273647196203*x1^7*x^2*x^5*x^3*x^2*x^4/13/9792
 + 413974824959*x1^7*x^2*x^4*x^3*x^13*x^4/6/68544 - 79673696041*x1^7*x^2*x^4*x^3*x^12*x^4/5/22848
 + 780916520407*x1^7*x^2*x^4*x^3*x^11*x^4/6/68544 - 206592544301*x1^7*x^2*x^4*x^3*x^10*x^4/7/22848
 + 399415899973*x1^7*x^2*x^4*x^3*x^9*x^4/8/22848 - 318323326817*x1^7*x^2*x^4*x^3*x^8*x^4/9/22848
 + 1344786735023*x1^7*x^2*x^4*x^3*x^7*x^4/10/68544 - 925281973663*x1^7*x^2*x^4*x^2*x^3*x^6*x^4/11/68544
 + 151899420083*x1^7*x^2*x^4*x^3*x^5*x^4/12/7616 + 58139937071*x1^7*x^2*x^4*x^3*x^4*x^14/4032
 - 9956627293*x1^7*x^2*x^4*x^3*x^15*x^4/3/2856 + 15793774261*x1^7*x^2*x^3*x^2*x^4*x^15/1071
 - 33457608991*x1^7*x^2*x^3*x^13*x^4/5/8568 + 62734403309*x1^7*x^2*x^3*x^2*x^4*x^6/11424
 - 3029464513*x1^7*x^2*x^3*x^11*x^4/7/238 + 205495609015*x1^7*x^2*x^3*x^3*x^10*x^4/8/17136
 - 6753352013*x1^7*x^2*x^3*x^9*x^4/9/504 + 65750284601*x1^7*x^2*x^3*x^8*x^4/10/8568
 - 15194430589*x1^7*x^2*x^3*x^7*x^4/11/2016 + 4851334597*x1^7*x^2*x^3*x^6*x^4/12/2448
 - 77401485155*x1^7*x^2*x^3*x^5*x^4/13/11424 - 10227246331*x1^7*x^2*x^3*x^3*x^4/15/1071
 + 1184513633*x1^7*x^2*x^3*x^15*x^4/4/1428 + 10373453803*x1^7*x^2*x^3*x^17*x^4*x^3/34272
 + 2143088734*x1^7*x^2*x^3*x^15*x^4/3/1071 - 98916800291*x1^7*x^2*x^3*x^14*x^4*x^3/2848
 - 22508142785*x1^7*x^2*x^3*x^4*x^4/7/7616 + 114999698593*x1^7*x^2*x^3*x^4*x^3/22848
 + 38797038081*x1^7*x^2*x^3*x^5*x^4/4/7616 + 91770034451*x1^7*x^2*x^3*x^4*x^5/9792

- 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
 + 363848798911*v1^3*v2^11*v3^4*v4^5/17136 + 364843239037*v1^3*v2^11*v3^5*v4^6/34272
 + 470067268337*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
 - 189832055339*v1^3*v2^10*v3^6*v4^6/17136 - 12831030499*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*x3^9*v4^4/17136 + 1036017556325*v1^3*v2^9*x3^8*v4^5/34272
 + 156636290933*v1^3*x2^9*x3^7*v4^6/2016 - 527186882567*v1^3*x2^9*x3^6*v4^7/34272
 + 295436101085*x1^3*v2^9*x3^4*v4^4/34272 + 8245470659*x1^3*v2^8*x3^11*v4^3/1224
 - 9026455941*x1^3*v2^8*x3^10*v4^4/1904 - 964179715729*v1^3*x2^8*x3^9*v4^5/34272
 - 186974166173*v1^3*x2^8*x3^8*v4^6/34272 - 82300369663*v1^3*x2^8*x3^6*v4^8/11424
 - 416126183539*x1^3*x2^8*x3^5*v4^9/2856 - 69023681389*v1^3*x2^8*x3^4*v4^10/34272
 - 309875385*x1^3*x2^7*x3^12*x4^3/476 - 128820247*v1^3*x2^7*v3^11*x4^4/1071
 + 826795339061*v1^3*x2^7*x3^10*v4^5/34272 + 68504034545*v1^3*x2^7*v3^9*x4^7/5712
 + 46014774067*v1^3*x2^7*x3^7*v4^8/8568 + 13402589645*v1^3*x2^7*v3^6*v4^9/2016
 + 330015656809*x1^3*x2^7*x3^5*v4^10/2856 - 5918039287*v1^3*x2^7*x3^4*v4^11/34272
 - 89884565707*x1^3*x2^7*x3^13*x4^3/22848 + 266427933019*v1^3*x2^6*x3^12*v4^4/68544
 + 365425361779*x1^3*x2^6*x3^10*v4^6/68544 - 1180202212771*v1^3*x2^6*x3^9*v4^7/68544
 + 51306429765*x1^3*x2^6*x3^8*x4^8/68544 - 1200347436329*v1^3*x2^6*x3^7*v4^9/68544
 + 552680558645*x1^3*x2^6*x3^6*v4^10/68544 - 1172180333381*v1^3*x2^6*x3^5*v4^11/68544
 + 83257384717*x1^3*x2^6*x3^5*v4^9/12/9792 + 125737358769*x1^3*x2^5*x3^14*x4^3/22848
 + 473532070091*v1^10*x2^7*x3^3*x4^5/68544 - 44647516927*v1^10*x2^6*x3^6*v4^7/616
 + 527210358721*v1^10*x2^6*x3^5*v4^4/68544 + 1421792922353*v1^10*x2^6*x3^4*v4^6/68544
 - 12458947265*x1^10*x2^6*x3^7*x4^4/3/952 - 335025671453*v1^10*x2^5*x3^5*v4^5/34272
 - 954568946659*x1^10*x2^5*x3^4*v4^6/34272 - 84922035551*x1^10*x2^5*x3^3*v4^7/2016
 + 324554109277*x1^10*x2^4*x3^5*v4^4/34272 + 15992006233*x1^10*x2^4*x3^6*v4^5/34272
 + 31431430885*x1^10*x2^4*x3^5*v4^6/1904 + 44386536251*v1^10*x2^4*x3^4*v4^7/34272
 - 20866308299*x1^10*x2^4*x3^5*x4^8/2016 - 73215759478*x1^10*x2^3*x3^9*v4^3/34272
 - 117840076049*x1^10*x2^3*x3^8*v4/5712 - 37428794381*v1^10*x2^3*x3^7*v4^5/2448
 - 344994813563*x1^10*x2^3*x3^6*v4^6/11424 - 87886458367*x1^10*x2^3*x3^5*v4^7/4896
 + 249982567*x1^10*x2^3*x3^4*v4^8/56 - 429851567315*x1^10*x2^3*x3^4*v4^9/34272
 - 2246483096047*x1^10*x2^3*x3^2*v4^10/34272 + 2353966845073*v1^10*x2^2*x3^3*v4^10/34272
 + 14833555765*x1^9*x2^3*x3^4*v3/1632 - 33328262623*x1^9*x2^3*x3^4*v4/3/11424
 + 17401249949*x1^9*x2^3*x3^4*v4/4/1284 - 227044011533*v1^9*x2^3*x3^5*v4^3/22848
 + 220441413683*x1^9*x2^3*x3^4*x4^4/22848 - 1151564553599*x1^9*x2^8*x3^3*x4^5/68544
 + 464913408281*x1^9*x2^7*x3^6*v4^3/2848 - 34185930913*x1^9*x2^7*x3^5*v4^4/68544
 + 42137297641*x1^9*x2^7*x3^4*x4^5/22848 - 267876561619*x1^9*x2^6*x3^7*v4^3/34272
 - 128749382185*x1^9*x2^6*x3^6*v4^4/34272 - 161396093*x1^9*x2^6*x3^4*v4^6/34272
 - 92490194559*x1^9*x2^6*x3^3*x4^7/34272 + 189696933863*x1^9*x2^5*x3^8*x4/3/11424
 + 9233672005*x1^9*x2^5*x3^6*v4^5/5712 + 66859734023*x1^9*x2^5*x3^5*v4^6/5712
 + 1033426786457*x1^9*x2^5*x3^4*v4^7/34272 + 45970724797*x1^9*x2^5*x3*x4^8/4896
 - 39782974459*x1^9*x2^5*x3^2*v4^9/11424 - 85800215447*x1^9*x2^4*x3^8*v4^4/8568
 - 25969284223*x1^9*x2^4*x3^7*v4^5/1904 - 9694435813*x1^9*x2^4*x3^6*v4^6/2448
 - 942284391591*x1^9*x2^4*x3^5*v4^7/34272 - 1976163781*x1^9*x2^4*x3^4*v4^8/714
 + 91618896077*x1^9*x2^4*x3^4*v4^9/11424 + 643151018827*x1^9*x2^3*x3^10*x4^3/34272
 + 17287824765*x1^9*x2^3*x3^6*v4^5/11424 - 161134279181*x1^9*x2^3*x3^7*v4^6/11424
 + 1023744814847*x1^9*x2^3*x3^6*x4^7/34272 + 75946305473*x1^9*x2^3*x3^5*v4^8/5712
 - 131636715943*x1^9*x2^3*x3^4*x4^9/11424 + 43321235645*x1^9*x2^3*x3^4*x4^10/34272
 + 3872445391*x1^9*x2^2*x3^5*x4^9/1428 - 254628627629*x1^8*x2^11*x3^3*x4^3/34272
 + 222394804675*x1^3*x2^7*x3^13*x4^2/68544 - 104633062313*x1^3*x2^6*x3^15*x4/11424
 - 676467711*x1^3*x2^6*x3^14*x4^2/34272 + 57191596893*x1^3*x2^5*x3^16*x4/1428
 + 435448407*x1^3*x2^5*x3^15*x4^2/544 - 54178514689*x1^3*x2^4*x3^7*x4^4/34272
 - 347438899*x1^2*x2^4*x3^4*x4^2/1008 + 24287359163*x1^2*x2^3*x3^4*x4^3/22848
 - 184989239*x1^2*x3^2*x3^17*x4^2/612 - 625305459*x1^3*x2^2*x3^5*x4^4/68544
 + 3857526481*x1^3*x2^2*x3^19*x4^2/4896 - 880819431*x1^2*x2^2*x3^19*x4^2/3808 + 100435171*x1^2*x3^22*x4/5712
 + 964768571*x1^2*x2^2*x3^2*x4^2/3808 + 19782029*x1^2*x3^2*x4^2/1632 + 96276880103*x1^2*x2^5*x3^4*x4^14/7616
 - 26633660187*x1^2*x2^5*x3*x4^15/1904 + 67890815897*x1^2*x2^5*x3^2*x4^16/8568
 - 199873145*x1^2*x2^5*x3^17*x4^17/2856 + 20611619719*x1^2*x2^4*x3^18*x4/34272
 + 359175187*x1^2*x2^4*x3^17*x4^2/34272 + 57191596893*x1^3*x2^5*x3^16*x4/1428
 - 31010396631*x1^2*x2^4*x3^14*x4^5/17136 + 37739397385*x1^2*x2^4*x3^13*x4^6/11424
 + 1199700855*x1^2*x2^4*x3^10*x4^7/22848 - 1255096695*x1^2*x2^4*x3^11*x4^8/68544
 + 17524204861*x1^2*x2^4*x3^10*x4^9/4032 - 14147388555*x1^2*x2^4*x3^9*x4^10/7616
 - 132572601635*x1^2*x2^4*x3^8*x4^11/68544 + 216365145611*x1^2*x2^4*x3^7*x4^12/22848
 - 889891522075*x1^2*x2^4*x3^6*x4^13/68544 + 352107543761*x1^2*x2^4*x3^5*x4^14/22848
 - 408191286355*x1^2*x2^4*x3^4*x4^15/34272 + 6554429989*x1^2*x2^4*x3^3*x4^16/672
 - 26381019199*x1^2*x2^4*x3^2*x4^2*x4^17/4896 + 14203324379*x1^2*x2^4*x3^4*x4^18/3808
 - 689763619*x1^2*x2^3*x3^19*x4/2016 + 494034325*x1^2*x2^3*x3^18*x4^2/34272
 - 341751001*x1^2*x2^3*x3^16*x4^4/612 + 46212934123*x1^2*x2^3*x3^15*x4^5/11424
 - 172919570743*x1^2*x2^3*x3^14*x4^6/17136 + 1175161232657*x1^2*x2^3*x3^13*x4^7/68544
 - 58033618765*x1^2*x2^3*x3^12*x4^8/22848 + 200212928407*x1^2*x2^3*x3^11*x4^9/68544
 - 627128232901*x1^2*x2^3*x3^10*x4^10/22848 + 43536106681*x1^2*x2^3*x3^9*x4^11/22848
 - 583105157653*x1^2*x2^3*x3^8*x4^12/68544 - 122591684105*x1^2*x2^3*x3^7*x4^13/68544
 + 499439383013*x1^2*x2^3*x3^6*x4^14/68544 - 534064626746*x1^2*x2^3*x3^5*x4^15/5712
 + 262506686809*x1^2*x2^3*x3^4*x4^16/34272 - 26880113665*x1^2*x2^3*x3*x4^17/4896
 + 622636411*x1^2*x2^3*x3^2*x4^18/224 - 33006969665*x1^2*x2^3*x3^4*x4^19/2016 + 5532924139*x1^2*x2^3*x3^20*x4/34272
 + 637385708*x1^2*x2^2*x3^18*x4^3/1071 - 42778541*x1^2*x2^2*x3^17*x4^4/476
 - 8855785745*x1^2*x2^2*x3^17*x4^2/4896 - 128437430897*x1^2*x2^2*x3^15*x4^5/34272
 - 3848911033*x1^2*x2^2*x3^10*x4^11/9792 + 483833453105*x1^2*x2^2*x3^13*x4^8/22848
 - 70059447483*x1^2*x2^2*x3^12*x4^9/22848 + 2584584479173*x1^2*x2^2*x3^11*x4^10/68544
 - 389582216063*x1^2*x2^2*x3^10*x4^11/9792 + 35734615777*x1^2*x2^2*x3^9*x4^12/68544
 - 3331531*x1^2*x2^21*x3^2*x4^2/252 - 11368131023*x1^2*x2^3*x3^7*x4^8/1632
 - 8427199*x1^2*x2^20*x3^2*x4^2/32 + 49892369*x1^2*x2^2*x3^4*x4/11424 + 1859658655*x1^2*x2^19*x3^4*x4/11424
 + 7547328577*x1^2*x2^19*x3^4*x4/2/34272 + 953973623*x1^2*x2^19*x3^2*x4^3/3808 + 228846241*x1^2*x2^19*x3*x4^4/1428
 - 733654211*x1^2*x2^18*x3^5*x4^4/1632 - 2926519831*x1^2*x2^18*x3^4*x4^5/4284 - 4644262901*x1^2*x2^18*x3^5*x4^3/4896
 - 1867651855*x1^2*x2^18*x3^2*x4^4/2448 - 696276593*x1^2*x2^18*x3^4*x5/8568 + 3726969541*x1^2*x2^17*x3^6*x4/4284
 + 7110629881*x1^2*x2^17*x3^5*x4^4/5712 + 16673120561*x1^2*x2^17*x3^4*x5/5712
 + 3261051975*x1^2*x2^17*x3^3*x4^4/17136 + 36579659335*x1^2*x2^17*x3^2*x4^5/17136 + 560167145*x1^2*x2^17*x3*x4^6/238
 + 148816656683*x1^5*x2^5*x3^4*x4^5/2848 - 6413232675*x1^5*x2^5*x3^3*x4^6/2848
 + 16120433057*x1^5*x2^7*x3^3*x4^4/11/816 - 321857091719*x1^5*x2^6*x3^11*x4^5/17136
 - 192254646749*x1^5*x2^6*x3^4*x4^4/2142 - 13528470119*x1^5*x2^6*x3^8*x4^6/2856
 - 25135240247*x1^5*x2^6*x3^7*x4^7/1428 - 497656271*x1^5*x2^6*x3^8*x4^8/153
 - 45725044385*x1^5*x2^6*x3^4*x4^10/34272 - 243713915911*x1^5*x2^6*x3^3*x4^11/68568
 + 229943391725*x1^5*x2^5*x3^2*x4^3/17136 + 344640685169*x1^5*x2^5*x3^10*x4^5/34272
 + 33130059857*x1^5*x2^5*x3^9*x4/68568 + 33884900403*x1^5*x2^5*x3^8*x4^7/2856
 + 1187415041*x1^5*x2^5*x3^7*x4^8/204 + 1262826045*x1^5*x2^5*x3^6*x4^9/17136
 + 22929873259*x1^5*x2^5*x3^4*x4^11/4896 + 796358187685*x1^5*x2^5*x3^3*x4^12/34272
 - 11311924535*x1^5*x2^5*x3^12*x4^4/4032 - 560298735911*x1^5*x2^4*x3^11*x4^5/68544
 + 29088511729*x1^5*x2^4*x3^10*x4^6/9792 - 116012973627*x1^5*x2^4*x3^9*x4^7/68544
 + 216201113897*x1^5*x2^4*x3^8*x4^8/22848 - 460630120327*x1^5*x2^4*x3^7*x4^9/22848
 + 7785043281*x1^5*x2^4*x3^6*x4^10/7616 + 4997262103*x1^5*x2^4*x3^4*x4^12/68544
 - 70226724503*x1^5*x2^4*x3^3*x4^13/4032 + 13338174825*x1^5*x2^3*x3^14*x4^3/22848
 + 80839418585*x1^5*x2^3*x3^13*x4^4/68544 + 11569807411*x1^5*x2^3*x3^12*x4^5/4032
 + 26459808613*x1^5*x2^2*x3^3*x11*x4^6/22848 + 63719412491*x1^5*x2^2*x3^3*x4^10*x4^7/68544
 - 425949670543*x1^5*x2^2*x3^3*x9*x4^8/68544 + 844747971545*x1^5*x2^2*x3^3*x8*x4^9/68544
 - 303159107045*x1^5*x2^2*x3^3*x7*x4^10/68544 + 691403448499*x1^5*x2^2*x3^3*x6*x4^11/68544
 - 71328918887*x1^5*x2^3*x3^4*x4^13/7616 + 888028152823*x1^5*x2^3*x3^3*x4^14/68544
 + 53774776133*x1^5*x2^2*x3^13*x4^5/17136 - 716719475*x1^4*x2^15*x3^2*x4^3/714
 - 13410465193*x1^4*x2^15*x3^2*x4^4/5712 + 123277189111*x1^4*x2^14*x3^3*x4^4/34272
 + 3384980765*x1^4*x2^13*x3^5*x4^3/22848 - 122331295601*x1^4*x2^13*x3^3*x4^5/22848
 - 161252003329*x1^4*x2^12*x3^4*x4^3/68544 + 99985602559*x1^4*x2^12*x3^5*x4^4/68544
 + 67219961467*x1^4*x2^12*x3^3*x4^6/68544 - 5426070025*x1^4*x2^11*x3^7*x4^3/4284
 - 61570145017*x1^4*x2^11*x3^6*x4^4/34272 - 35540825161*x1^4*x2^11*x3^5*x4^5/4896
 - 40153918489*x1^4*x2^10*x3^7*x4^4/11424 + 10880557739*x1^4*x2^10*x3^8*x4^3/3808
 + 299594144603*x1^4*x2^10*x3^7*x4^4/11424 + 5841607330*x1^4*x2^10*x3^6*x4^5/1071
 + 472054408135*x1^4*x2^10*x3^5*x4^6/34272 + 246817797523*x1^4*x2^10*x3^4*x8/17136

- 24807142973*v1^5*v2^2*v3^10*v4^8/4896 - 8270574241*v1^5*v2^2*v3^9*v4^9/4896
 + 7992747563*v1^5*v2^2*v3^8*v4^10/1632 - 175328167505*v1^5*v2^2*v3^7*v4^11/11424
 + 84712499365*v1^5*v2^2*v3^6*v4^12/5712 - 329898503901*v1^5*v2^2*v3^5*v4^13/2448
 + 1820518817*v1^5*v2^2*v3^4*v4^14/153 - 32068020531*v1^5*v2^2*v3^4*v4^15/1904
 + 10449223397*v1^5*v2^2*v3^16*v4^3/3888 + 286671279667*v1^8*v2^2*v3^9*v4^6/34272
 + 33559519505*v1^8*v2^2*v3^8*v4^7/11424 - 14829463427*v1^8*v2^2*v3^6*v4^9/3808
 + 27447955715*v1^8*v2^2*v3^16*v4^10/34272 - 245621491993*v1^8*v2^2*v3^4*v4^11/34272
 + 190267608189*v1^8*v2^2*v3^3*v4^12/34272 - 348380002847*v1^8*v2^2*v3^13*v4^3/34272
 - 177966355417*v1^8*v2^3*12*v4^4/34272 - 34056004289*v1^8*v2^3*11*v4^5/11424
 - 2563448775*v1^8*v2^3*10*v4^6/271 - 72606026747*v1^8*v2^3*9*v4^7/17136
 - 351119189611*v1^8*v2^3*8*v4^8/34272 - 20416879307*v1^8*v2^3*v7*v4^9/4284 - 204997001*v1^8*v2^3*v6*v4^10/2448
 - 115016952475*v1^8*v2^3*5*v4^11/11424 - 24017774279*v1^8*v2^3*4*v4^12/1632
 - 7229035067*v1^8*v2^3*3*v4^13/4896 + 21318059959*v1^8*v2^3*v4^8/4284 - 27147858485*v1^7*v2^2*v3^13*v4^3/4896
 - 42067144321*v1^7*v2^2*v3^12*v4^4/11424 - 214326324577*v1^7*v2^2*v3^11*v4^5/34272
 - 3319064971*v1^7*v2^2*v3^10*v4^6/5712 + 20973044881*v1^7*v2^2*v3^8*v4^8/3808
 - 100901293201*v1^7*v2^2*v3^7*v4^9/4284 + 25496303591*v1^7*v2^2*v3^6*v4^10/204
 - 26464232693*v1^7*v2^2*v3^5*v4^11/34272 + 122714912141*v1^7*v2^2*v3^4*v4^12/11424
 - 139963222797*v1^7*v2^2*v3^4*v4^13/34272 - 30472449163*v1^7*v2^3*14*v4^3/4284
 + 289352295*v1^7*v2^3*13*v4^4/242 + 4624628837*v1^7*v2^3*12*v4^5/2448 + 1167160605*v1^6*v2^2*v3^9*v4^5/22848
 - 3849359529*v1^6*v2^2*v3^10*v4^7/9792 + 279845683177*v1^6*v2^2*v3^9*v4^8/22848
 - 714092627761*v1^7*v2^3*7*v4^10/34272 - 27903186793*v1^7*v2^3*6*v4^11/5712 - 6316606831*v1^4*v2^3*10*v4^10/714
 + 84242337605*v1^4*v2^3*9*v4^11/17136 - 16174925474*v1^4*v2^3*8*v4^12/1632
 - 659071168791*v1^4*v2^3*7*v4^13/17136 + 7191138454*v1^4*v2^3*6*v4^14/10/1871
 - 14386055821*v1^4*v2^3*5*v4^15/2016 + 161755339673*v1^4*v2^3*4*v4^16/34272
 - 5062134485*v1^4*v2^3*3*v4^17/1224 + 87451753765*v1^6*v2^2*v3^14*v4^3/22848
 + 195162962941*v1^6*v2^3*13*v4^4/68544 - 6617160605*v1^6*v2^2*v3^12*v4^5/22848
 - 3849359529*v1^6*v2^2*v3^10*v4^7/9792 + 279845683177*v1^6*v2^2*v3^9*v4^8/22848
 - 714092627761*v1^7*v2^3*7*v4^9/68544 + 74785727071*v1^6*v2^2*v3^7*v4^10/3264
 - 1153209487133*v1^6*v2^2*v3^6*v4^11/68544 + 863968215415*v1^6*v2^2*v3^5*v4^12/68544
 - 8678140747696*v1^6*v2^2*v3^4*v4^4/13/68544 + 623329554299*v1^6*v2^2*v3^3*v4^14/22848
 - 27053795681*v1^6*v2^3*15*v4^3/5712 + 556411283*v1^6*v2^3*14*v4^4/816 - 23453785343*v1^6*v2^3*13*v4^5/17136
 - 314505351*v1^6*v2^3*12*v4^6/272 - 7547548879*v1^6*v2^3*11*v4^7/2856 - 4242862223*v1^6*v2^3*10*v4^8/5712
 - 11641133627*v1^6*v2^3*9*v4^9/4284 + 6286772963*v1^6*v2^3*8*v4^10/34272
 - 27713825957*v1^6*v2^3*v7*v4^11/4284 + 8412069347*v1^6*v2^3*6*v4^12/952 - 31167000397*v1^6*v2^3*v5*v4^13/2856
 + 116683907891*v1^6*v2^3*v4^14/4284 + 116683907891*v1^6*v2^3*v4^15/34272 + 1505689413*v1^6*v2^3*v3^13*v4^6/1904
 - 77529162497*v1^5*v2^2*v3^15*v4^3/34272 - 79522419149*v1^5*v2^2*v3^14*v4^4/34272
 - 40316754745*v1^5*v2^2*v3^12*v4^6/5712 + 147845241085*v1^5*v2^2*v3^6*v4^15/34272
 - 113487155855*v1^2*v2^3*v3^10*v4^5/68544 + 1790566662165*v1^2*v2^8*v3^9*v4^6/68544
 - 31245709729*v1^2*v2^8*v3^9*v4^7/11424 - 19644337805*v1^2*v2^8*v3^9*v4^9/4896
 + 245387806537*v1^2*v2^8*v3^5*v4^10/17136 - 20789399665*v1^2*v2^8*v3^4*v4^11/34272
 + 101664116187*v1^2*v2^8*v3^4*v4^12/4284 - 24584305309*v1^2*v2^8*v3^2*v4^13/3808
 + 12481683297*v1^2*v2^8*v3*v4^14/544 - 1990517611*v1^2*v2^7*v3^15*v4/1428
 - 270505573817*v1^2*v2^7*v3^14*v4^2/11424 - 113347094381*v1^2*v2^7*v3^13*v4^3/68544
 + 5117579077*v1^2*v2^7*v3^12*v4^4/22848 + 67161096769*v1^2*v2^7*v3^11*v4^5/9792
 - 176557907493*v1^2*v2^7*v3^10*v4^6/7616 - 132687096233*v1^2*v2^7*v3^8*v4^8/11424
 - 1105650965579*v1^2*v2^7*v3^7*v4^9/34272 - 6291572179*v1^2*v2^7*v3^6*v4^10/1904
 - 400043257333*v1^2*v2^7*v3^5*v4^11/34272 + 62511805283*v1^2*v2^7*v3^4*v4^12/11424
 - 36442005609311*v1^2*v2^7*v3^4*v4^15/17136 + 53968325801*v1^2*v2^7*v3^2*v4^14/5712
 - 150864084109*v1^2*v2^7*v3^4*v4^15/8568 + 6810411613*v1^2*v2^6*v3^16*v4/5712
 + 18225739183*v1^2*v2^6*v3^15*v4^2/1632 + 104367569303*v1^2*v2^6*v3^12*v4^5/68544
 + 128447213543*v1^2*v2^6*v3^13*v4^4/68544 + 650427232421*v1^2*v2^6*v3^12*v4^5/68544
 - 408681025247*v1^2*v2^6*v3^10*v4^7/34272 + 38120898113*v1^2*v2^6*v3^9*v4^8/2142
 - 12736919339*v1^2*v2^6*v3^8*v4^9/11424 - 3340905857*v1^2*v2^6*v3^7*v4^10/204
 - 354832789715*v1^2*v2^6*v3^6*v4^11/34272 + 55882515091*v1^2*v2^6*v3^5*v4^12/34272
 - 38085452457*v1^2*v2^6*v3^4*v4^13/34272 + 62701259076*v1^2*v2^6*v3^3*v4^14/34272
 - 110774723957*v1^2*v2^6*v3^2*v4^15/11424 + 134986930417*v1^2*v2^6*v3^4*v4^16/11424
 - 16025584171*v1^2*v2^7*v3^4*v4^17/17136 - 64773149135*v1^2*v2^5*v3^16*v4^2/17136
 - 77820552119*v1^2*v2^5*v3^15*v4^3/34272 + 282903349*v1^2*v2^5*v3^14*v4^4/2448
 - 235534340295*v1^2*v2^5*v3^112*v4^6/34272 - 72297504887*v1^2*v2^5*v3^11*v4^7/68544
 + 19316970835*v1^2*v2^5*v3^10*v4^8/9792 - 196100758711*v1^2*v2^5*v3^9*v4^9/22848
 + 647726322415*v1^2*v2^5*v3^8*v4^10/68544 - 1402334175095*v1^2*v2^5*v3^7*v4^11/68544
 + 97986632211*v1^2*v2^5*v3^6*v4^11/68544 + 1275416869*v1^2*v2^5*v3^5*v4^13/22848
 + 2399181829*v1^2*v2^12*v3^10*v4/2444 + 1905701501991*v1^2*v2^12*v3^9*v4/2/34272
 + 29995673839*v1^2*v2^12*v3^8*v4^3/68544 + 1275416869*v1^2*v2^12*v3^7*v4^4/576
 + 827642347123*v1^2*v2^12*v3^6*v4^5/68544 + 1066387181449*v1^2*v2^12*v3^5*v4^6/68544
 + 35472943779*v1^2*v2^12*v3^4*v4^7/34272 + 262147780655*v1^2*v2^12*v3^3*v4^8/17136
 + 21383941121*v1^2*v2^12*v3^2*v4^9/2142 + 1846778569*v1^2*v2^12*v3^4*v10/102
 - 4449286483*v1^2*v2^11*v3^11*v4/3808 - 163500783743*v1^2*v2^11*v3^10*v4/2448
 - 361521749377*v1^2*v2^11*v3^9*v4^3/68544 + 111973540623*v1^2*v2^11*v3^8*v4^4/68544
 - 896817937801*v1^2*v2^11*v3^7*v4^5/68544 - 45227444125*v1^2*v2^11*v3^6*v4/22848
 - 27893036023*v1^2*v2^11*v3^4*v4^7/34272 + 62701259076*v1^2*v2^6*v3^4*v4/13/34272
 - 73259306647*v1^2*v2^11*v3^3*v4^9/3808 - 106864720657*v1^2*v2^11*v3^2*v4^10/11424
 + 44065673639*v1^2*v2^11*v3^2*v4^12/4272 + 165102726337*v1^2*v2^10*v3^11*v4^2/2448
 + 323269122367*v1^2*v2^10*v3^8*v4^3/68544 - 29682824879*v1^2*v2^10*v3^9*v4^4/68544
 - 4657107608337*v1^2*v2^10*v3^8*v4^5/68544 + 1688381078107*v1^2*v2^10*v3^7*v4^6/68544
 + 97475007383*v1^2*v2^10*v3^6*v4^7/8568 + 137720201779*v1^2*v2^10*v3^5*v4/8568
 + 347972164163*v1^2*v2^10*v3^4*v4^9/34272 + 61297515253*v1^2*v2^10*v3^2*v4^11/11424
 + 4508154605659*v1^2*v2^10*v3^3*v4^12/17136 - 24605989553*v1^2*v2^9*v3^13*v4/17136
 - 122295660691*v1^2*v2^9*v3^12*v4^2/2142 - 247386221959*v1^2*v2^9*v3^11*v4^3/68544
 + 52277854345*v1^2*v2^9*v3^12*v4^6/34272 - 334848676279*v1^2*v2^9*v3^9*v4^5/68544
 - 1702786245085*v1^2*v2^9*v3^8*v4/6/68544 - 12957743037*v1^2*v2^9*v3^7*v4^7/11424
 - 406571590825*v1^2*v2^9*v3^6*v4^8/34272 - 213437065735*v1^2*v2^9*v3^4*v4^10/34272
 - 81199123211*v1^2*v2^9*v3^3*v4^11/34272 + 1781653871*v1^2*v2^9*v3^2*v4^12/2856
 - 426804809699*v1^2*v2^9*v3^2*v4^13/1632 + 12403315867*v1^2*v2^9*v3^14*v4/8568
 + 154066336009*v1^2*v2^9*v3^13*v4^2/3808 + 52585876495*v1^2*v2^9*v3^12*v4/22848
 - 223210610165*v1^2*v2^8*v3^11*v4^4/68544 - 776614543*v1^2*v2^9*v3^4*v4/3808
 - 1102150331*v1^2*v2^9*v3^2*v4^2/3808 - 13161673793*v1^2*v2^9*v3^4*v4/34272
 + 4744081675*v1^2*v2^8*v3^4*v4/17136 + 25082376385*v1^2*v2^8*v3^3*v4^2/34272
 + 12455864923*v1^2*v2^8*v3^2*v4^3/34272 + 565802899*v1^2*v2^8*v3^4*v4/672
 - 14641762511*v1^2*v2^7*v3^5*v4/34272 - 1911175387*v1^2*v2^7*v3^4*v4^2/1224
 - 367322677*v1^2*v2^7*v3^3*v4^4/4896 - 4881651467*v1^2*v2^7*v3^2*v4^4/4896
 - 114504806655*v1^2*v2^7*v3^4*v4^5/8568 + 5289699601*v1^2*v2^6*v3^4*v4/11424
 + 14821282159*v1^2*v2^16*v3^5*v4^2/34272 + 292046212029*v1^2*v2^16*v3^4*v4/34272
 + 68746280123*v1^2*v2^16*v3^3*v4^4/34272 + 28198718495*v1^2*v2^16*v3^2*v4^5/17136
 + 13485555691*v1^2*v2^16*v3^4*v4/5712 - 16286419211*v1^2*v2^15*v3^7*v4/34272
 - 1763405307*v1^2*v2^15*v3^6*v4^2/1632 - 52500065091*v1^2*v2^15*v3^5*v4^3/4896
 - 99708922951*v1^2*v2^15*v3^4*v4^6/34272 - 149768311267*v1^2*v2^15*v3^4*v4/7/34272
 + 19625827649*v1^2*v2^14*v3^8*v4/34272 + 256934113633*v1^2*v2^14*v3^7*v4/2/11424
 + 53381686323*v1^2*v2^14*v3^6*v4^3/34272 + 8812257161*v1^2*v2^14*v3^5*v4/1904
 + 4446218809*v1^2*v2^14*v3^4*v4^5/816 + 58305256241*v1^2*v2^14*v3^3*v4^6/8568
 + 9777660259*v1^2*v2^14*v3^2*v4^7/1904 + 441283709591*v1^2*v2^14*v3^4*v4/5712
 - 26997237857*v1^2*v2^13*v3^9*v4/34272 - 220764488479*v1^2*v2^13*v3^8*v4/2/5712
 - 12510479585*v1^2*v2^13*v3^7*v4^3/4032 - 274940815675*v1^2*v2^13*v3^6*v4/4/68544
 - 74715961069*v1^2*v2^13*v3^5*v4^5/7616 - 629320831845*v1^2*v2^13*v3^4*v4/6/68544
 - 352843117289*v1^2*v2^13*v3^3*v4^7/34272 - 31150079019*v1^2*v2^13*v3^2*v4^8/3808
 - 42642500379*v1^2*v2^13*v3^2*v4^9/34272 + 191712316879*v1^4*v2^10*v3^2*v4^9/34272
 + 89962058833*v1^4*v2^10*v3^4*v4/10/5712 - 187678250503*v1^4*v2^9*v3^2*v4^10/34272
 - 52163935589*v1^4*v2^9*v3^4*v4/11/2856 + 6326643419*v1^4*v2^8*v3^2*v4^11/2448
 + 703415041655*v1^4*v2^8*v3^4*v4/12/34272 - 659924571*v1^4*v2^7*v3^2*v4^12/544
 - 85409545139*v1^4*v2^7*v3^4*v4/13/4284 + 158102549*v1^6*v2^10*v3^2*v4^7/112
 + 278893881535*v1^6*v2^10*v3^4*v4/8/34272 - 61238474203*v1^6*v2^9*v3^2*v4^8/5712
 - 66061906627*v1^6*v2^9*v3^4*v4/9/5712 + 23232928525*v1^6*v2^8*v3^2*v4^9/2856
 + 111492015301*v1^6*v2^8*v3^4*v4/10/5712 - 15353477886*v1^6*v2^7*v3^2*v4^10/1071
 - 26310729067*v1^6*v2^7*v3^4*v4/11/2242 + 45219504983*v1^6*v2^6*v3^2*v4^11/17136
 + 12555605977*v1^6*v2^6*v3^4*v4/12/5712 - 4707653365*v1^6*v2^5*v3^2*v4^12/504
 - 510362213701*v1^6*v2^5*v3^4*v4/11/2142 - 118984521181*v1^6*v2^4*v3^2*v4^13/11424
 + 942725705015*v1^6*v2^4*v3^4*v4/14/34272 - 352848433727*v1^6*v2^3*v3^2*v4^14/68544

- 62202236153*v1^6*v2^3*v3*v4^15/4284 - 320282219527*v1^6*v2^2*v3^2*v4^15/34272
+ 16005517937*v1^6*v2^2*v3*v4^16/2016 + 440408023865*v1^6*v2^3*v3^2*v4^16/5712 - 7013842721*v1^6*v2*v3*v4^17/1224
- 1179773653*v1^8*v2^16*v3*v4^3/2448 + 100017083531*v1^5*v2^15*v3^2*v4^3/1632
- 101335000105*x1^5*v2^2*15*v3*v4^4/34272 - 33723569255*v1^5*v2^2*14*v3^2*v4^4/34272
+ 27394422341*v1^5*x2^2*13*v3*v4^6/8568 - 69297836645*v1^5*x2^2*12*v3^2*v4^6/22848 - 13162915*v3^23*v4^2/2856
- 24223231*x3^23*v4/v1/3808 + 515275851593*v1^15*x3^2*v3*x4/v4^3/34272 + 462428613005*v1^15*x3^2*v3*x4^4/34272
- 393652220107*v1^4*x2^5*x3*x4^3/34272 - 39260158061*v1^14*x2^3*x3*x4^4/3808
- 1269368687911*v1^4*x2^3*x3*x4^3/68544 - 438934130951*v1^14*x2^3*v3^4*x4^4/22848
- 956893569881*v1^4*x2^3*v3*x3*x4^5/68544 + 162968720603*x1^13*x2^6*x3*x4^3/17136
+ 1853902696201*v1^13*x2^5*x3*x4^3/11424 + 875375312809*x1^13*x2^4*x3*x4^4/68544
+ 12988603579*x1^13*x2^3*x3*x4^5/68544 + 1518245469511*v1^13*x2^3*x3^6*x4^3/68544
+ 456267082897*x1^13*x2^4*x3^3*x4^5/68544 + 12988603579*x1^13*x2^3*x3^4*x4^5/7616
+ 1017793383823*x1^13*x2^3*x3*x4^6/68544 - 135245433893*x1^12*x2^7*x3^3*x4^3/11424
- 1076014964*v1^12*x2^6*x3*x4^3/119 - 966460181*x1^12*x2^6*x3*x4^4/306
- 8592008807041*x1^12*x2^5*x3^5*x4^4/68544 - 43171269397*x1^12*x2^5*x3^3*x4^5/22848
- 8883175227*x1^12*x2^4*x3^5*x4^4/68544 - 5275808807377*x1^12*x2^4*x3^4*x4^5/68544
- 504803281883*x1^12*x2^4*x3^3*x4^6/68544 - 964545123305*x1^12*x2^3*x3^7*x4^3/4284
- 28985108703*x1^12*x2^3*x3^6*x4^4/11424 - 754272674137*x1^12*x2^3*x3^5*x4^5/34272
- 1134501607575*x1^11*x2^2*x3^3*x4^4/68568 - 823505753113*x1^12*x2^2*x3*x3*x4^4/5712
+ 44475682759*x1^11*x2^8*x3^3*x4^3/4284 + 21602658481*x1^11*x2^7*x3^3*x4^3/2856
+ 294734111309*x1^11*x2^4*x3^3*x4^4/34272 + 97211720819*x1^11*x2^6*x3^5*x4^4/68544
+ 813784499285*x1^11*x2^6*x3^4*x4^4/68544 + 1163278423439*x1^11*x2^5*x3^6*x4^3/68544
+ 1595015569697*x1^11*x2^4*x3^5*x4^4/5/68544 + 21602483687*x1^11*x2^5*x3*x4^6/9792
- 4454543129*x1^11*x2^4*x3^6*x4^4/11424 - 4086742675*x1^11*x2^4*x3^5*x4^5/4896
+ 130988531609*x1^11*x2^4*x3^4*x4^6/34272 + 149600651561*x1^11*x2^4*x3^5*x4^7/17136
+ 405122683801*x1^11*x2^3*x3^8*x4^3/17136 + 721132983329*x1^11*x2^3*x3*x4^7*x4^4/34272
+ 437481435439*x1^11*x2^3*x3^6*x4^5/17136 + 719610193535*x1^11*x2^3*x3*x4^6/34272
+ 887917657*x1^11*x2^3*x3^4*x4^7/204 + 4695644303609*x1^11*x2^3*x3*x4^8/34272
- 60037424557*x1^10*x2*x3*x4^3/4896 + 44299785257*x1^10*x2^8*x3*x4^3/17136
- 12740680489*x1^10*x2^8*x3*x4^4/2142 - 24487280831*x1^10*x2^7*x3*x4^3/68544
- 1271078513701*x1^10*x2^7*x3*x4*x4/68544 + 254227255345*x1^8*x2^10*x3*x4^3/34272
- 31379836267*x1^8*x2^10*x3*x4*x4/336 + 448021244211*x1^8*x2^9*x3*x4*x4/68544
- 1005736129681*x1^8*x2^9*x3*x4*x4/68544 + 32877725561*x1^8*x2^9*x3*x4^5/4032
- 586239084937*x1^8*x2^8*x3*x4*x4/68544 + 393996913921*x1^8*x2^8*x3*x4*x4/22848
- 164683697683*x1^8*x2^8*x3*x4*x4/5/2848 + 1101431719135*x1^8*x2^8*x3*x4*x4/68544
- 71998535389*x1^8*x2^7*x3*x4*x4/3/8586 - 503931244585*x1^8*x2^7*x3*x4*x4/34272
- 1145639761*x1^8*x2^7*x3*x4*x4/5/272 - 164642663989*x1^8*x2^7*x3*x4*x4/7/34272
- 232163782415*x1^8*x2^7*x3*x4*x4/11424 + 30355651939*x1^8*x2^6*x3*x4*x4/1904
- 41888043247*x1^8*x2^6*x3*x4*x4/2856 - 7939416785*x1^8*x2^6*x3*x4*x4/7/1904
+ 524820119711*x1^8*x2^6*x3*x4*x4/17136 - 634862370793*x1^8*x2^5*x3*x4*x4/3/4284
- 15723612841*x1^8*x2^5*x3*x4*x4/5/1994 - 168031799503*x1^8*x2^5*x3*x4*x4/68568
- 27598410211*x1^8*x2^5*x3*x5*x4*x4/7/2856 - 44107457209*x1^8*x2^5*x3*x4*x4/8/1428
- 80412789671*x1^8*x2^5*x3*x4*x4/9/5712 + 234749247191*x1^8*x2^4*x3*x4*x4/17136
+ 3247114295*x1^8*x2^4*x3*x4*x4/6/238 + 13124753413*x1^8*x2^4*x3*x4*x4/7/2448
+ 3651333268*x1^8*x2^4*x3*x4*x4/8/119 + 52584033581*x1^8*x2^4*x3*x4*x4/9/17136
- 15028189571*x1^8*x2^3*x3*x4*x4/10/584 - 249624806861*x1^8*x2^3*x3*x4*x4/3/17136
- 47491084743*x1^8*x2^3*x3*x4*x4/3808 - 52561637953*x1^8*x2^3*x3*x4*x4/5/5712
- 27940583427*x1^8*x2^3*x3*x4*x4/34272 - 995388834113*x1^8*x2^3*x3*x4*x4/8/34272
- 8335972673*x1^8*x2^3*x3*x4*x4/9/1224 + 1417583047*x1^8*x2^3*x3*x4*x4/10/112
- 213715516493*x1^7*x2^2*x3*x3*x4*x4/11/17136 - 3746555215*x1^7*x2^2*x3*x4*x4/8/1904
+ 7667399053*x1^7*x2^2*x3*x3*x4*x4/3/4896 - 12257923159*x1^7*x2^11*x3*x4*x4/3/11424
+ 8444071211*x1^7*x2^11*x3*x4*x4/7/114 - 1661695800751*x1^7*x2^10*x3*x4*x4/3/68544
+ 30422885097*x1^7*x2^10*x3*x4*x4/4/7616 - 28368388491*x1^7*x2^9*x3*x4*x4/5/22848
+ 160388650519*x1^7*x2^9*x3*x4*x4/7/616 - 35729909562*x1^7*x2^9*x3*x4*x4/68544
+ 126404383093*x1^7*x2^9*x3*x4*x4/5/68544 - 49441983361*x1^7*x2^9*x3*x4*x4/6/22848
+ 439962418333*x1^7*x2^9*x3*x4*x4/7/34272 - 163039931993*x1^7*x2^8*x3*x4*x4/4/34272
- 816502563631*x1^7*x2^8*x3*x4*x4/5/5712 - 15704620421*x1^7*x2^8*x3*x4*x4/6/4896
+ 148392062753*x1^7*x2^7*x3*x4*x4/3/8568 + 99603200995*x1^7*x2^7*x3*x4*x4/5/5712
+ 5295165250*x1^7*x2^7*x3*x4*x4/7/357 - 33062131*x2/23*x4*x1/11424 + 300760804093*x1^3*x2^13*x3*x4*x4/22848
- 164510578291*x1^3*x2^12*x3*x4*x4/4/4832 - 207113592665*x1^3*x2^12*x3*x4*x4/2/68544
+ 372824078803*x1^3*x2^11*x3*x4*x4/7/616 + 313144418989*x1^3*x2^11*x3*x4*x4/2/7616
- 3373434184355*x1^3*x2^10*x3*x4*x4/7/616 - 114791000671*x1^3*x2^10*x3*x4*x4/2/22848
+ 2864391061417*x1^3*x2^9*x3*x4*x4/68544 + 113344358641*x1^3*x2^9*x3*x4*x4/2/22848
- 292171555421*x1^3*x2^8*x3*x4*x4/7/9792 - 306673716361*x1^3*x2^8*x3*x4*x4/2/68544
+ 176325120779*x1^3*x2^7*x3*x4*x4/7/9792 + 16392366359*x1^3*x2^7*x3*x4*x4/2/2856
+ 175227780199*x1^3*x2^7*x3*x4*x4/7/4832 - 359754485323*x1^3*x2^7*x3*x4*x4/6/4896
+ 166463511127*x1^3*x2^9*x3*x4*x4/5/68544 + 388747904875*x1^3*x2^9*x3*x4*x4/6/68544
+ 273306739955*x1^3*x2^9*x3*x4*x4/7/17136 + 18597998089*x1^3*x2^9*x3*x4*x4/8/1632
+ 2240519813*x1^3*x2^9*x3*x4*x4/9/19813 + 91409545833*x1^3*x2^9*x3*x4*x4/5/5712 - 935447815*x1^3*x2^9*x3*x4*x4/11/952
+ 317421303583*x1^3*x2^9*x3*x4*x4/12/11424 - 253761534283*x1^3*x2^9*x3*x4*x4/13/34272
+ 92129516245*x1^3*x2^8*x3*x4*x4/14/34272 + 5636637143*x1^3*x2^8*x3*x4*x4/7/34272 + 1078653077*x1^3*x2^8*x3*x4*x4/2/1904
- 209264103727*x1^3*x2^7*x3*x4*x4/3/68544 - 74853013481*x1^3*x2^7*x3*x4*x4/4/68544
- 26062198151*x1^3*x2^7*x3*x4*x4/5/22848 - 778607351*x1^3*x2^7*x3*x4*x4/10*x4/7616
- 541744292965*x1^3*x2^8*x3*x4*x4/3/34272 - 448113919*x1^3*x2^8*x3*x4*x4/8/4875
+ 7848535361*x1^3*x2^8*x3*x4*x4/18/2856 - 77131679869*x1^3*x2^8*x3*x4*x4/11/4284
+ 142569423965*x1^3*x2^8*x3*x4*x4/12/17136 - 9659449411*x1^3*x2^8*x3*x4*x4/13/3808
+ 125564273269*x1^3*x2^8*x3*x4*x4/14/11424 - 59181436093*x1^3*x2^8*x3*x4*x4/15/2856 - 2508989671*x1^3*x2^7*x3*x4*x4/4/4896
+ 6059971057*x1^3*x2^7*x3*x4*x4/2/34272 + 74754809921*x1^3*x2^7*x3*x4*x4/3/4032
- 1546288885*x1^3*x2^7*x3*x4*x4/10/888 + 124578488089*x1^3*x2^7*x3*x4*x4/68544
- 30239445171*x1^3*x2^8*x3*x4*x4/3/68544 - 39739097013*x1^3*x2^8*x3*x4*x4/7/8568
- 1910017763*x1^3*x2^7*x3*x4*x4/10/17136 + 175278292669*x1^3*x2^7*x3*x4*x4/9/34272
+ 84766368685*x1^3*x2^7*x3*x4*x4/11/1424 + 204166405417*x1^3*x2^7*x3*x4*x4/11/34272
+ 193888406321*x1^3*x2^7*x3*x4*x4/12/11424 - 425890968931*x1^3*x2^7*x3*x4*x4/13/34272
+ 51529146767*x1^3*x2^7*x3*x4*x4/14/2448 - 385089865477*x1^3*x2^7*x3*x4*x4/15/34272 + 4298145125*x1^3*x2^7*x3*x4*x4/16/306
- 76287573*x1^3*x2^6*x3*x4*x4/17*x4/4896 - 2388768557*x1^3*x2^6*x3*x4*x4/2/5712 + 446432348461*x1^3*x2^6*x3*x4*x4/7/34272
- 19612108441*x1^3*x2^4*x3*x4*x4/8/1904 - 138199283105*x1^3*x2^4*x3*x4*x4/9/8568
- 18317169957*x1^3*x2^3*x3*x4*x4/2/7616 + 55460630927*x1^3*x2^3*x3*x4*x4/2/49792
+ 1770863189857*x1^3*x2^3*x3*x4*x4/11*x4/4875 - 166446674041*x1^3*x2^7*x3*x4*x4/7/8568
- 1709751957*x1^3*x2^7*x3*x4*x4/10/1428 - 142551515*x1^5*x2^3*x4*x4/2/1871 - 1301665643*x1^5*x2^16*x3*x4*x4/8568
+ 9880898263*x1^3*x2^8*x3*x4*x4/2/5712 + 11939578895*x1^3*x2^8*x3*x4*x4/2/15*x4/4284
- 163817155103*x1^3*x2^8*x3*x4*x4/2/34272 + 956669293*x1^5*x2^3*x4*x4/2/17136
+ 2490523895*x1^3*x2^8*x3*x4*x4/4/1008 - 232550319019*x1^5*x2^3*x4*x4/2/12*x4/68544
+ 14184945925*x1^3*x2^8*x3*x4*x4/2/22848 - 13989327941*x1^5*x2^3*x4*x4/2/4896
+ 250603980859*x1^3*x2^8*x3*x4*x4/2/22848 - 102177152819*x1^6*x2^3*x3*x4*x4/3/34272
- 27926271895*x1^3*x2^7*x3*x4*x4/2/4284 + 43793097013*x1^6*x2^2*x3*x4*x4/2/34272
+ 13918891045*x1^3*x2^6*x3*x4*x4/2/3808 - 40780693561*x1^6*x2^2*x3*x4*x4/2/34272
- 31345979953*x1^3*x2^4*x3*x4*x4/2/34272 + 126507004087*x1^5*x2^2*x3*x4*x4/17136
- 109751957*x1^3*x2^7*x3*x4*x4/2/4128 - 6434824811*x1^5*x2^1*x3*x4*x4/2/17136 + 6070928629*x1^4*x2^18*x3*x4*x4/11424
+ 9880898263*x1^3*x2^7*x3*x4*x4/2/5712 + 11939578895*x1^5*x2^15*x4/4284
- 753138700519*x1^3*x2^8*x3*x4*x4/2/68544 + 179109327941*x1^5*x2^3*x4*x4/2/4896
+ 906018067631*x1^3*x2^7*x3*x4*x4/2/68544 - 200779173655*x1^5*x2^2*x3*x4*x4/2/68544
- 604997657*x1^3*x2^7*x3*x4*x4/2/4896 + 2901354395*x1^5*x2^3*x4*x4/2/9792
+ 235307758445*x1^3*x2^7*x3*x4*x4/2/22848 - 32960780987*x1^5*x2^2*x3*x4*x4/2/17136
- 185994731*x1^3*x2^7*x3*x4*x4/2/272 + 5107205059*x1^5*x2^3*x4*x4/2/34272
+ 110371062287*x1^3*x2^7*x3*x4*x4/2/34272 - 23858576999*x1^5*x2^2*x3*x4*x4/2/34272
- 54037143749*x1^3*x2^7*x3*x4*x4/2/34272 + 1297703965*x1^5*x2^3*x4*x4/1904
- 5013233837*x1^3*x2^7*x3*x4*x4/2/34272 - 6434824811*x1^4*x2^19*x3*x4*x4/2/17136 + 6070928629*x1^4*x2^18*x3*x4*x4/11424
+ 7167105683*x1^3*x2^7*x3*x4*x4/2/17136 - 4965255139*x1^4*x2^17*x3*x4*x4/3/34272
- 1968025707*x1^3*x2^7*x3*x4*x4/2/1904 - 9027357543*x1^4*x2^16*x3*x4*x4/2/2448
- 19397660719*x1^4*x2^15*x3*x4*x4/2/17136 + 13135570279*x1^4*x2^14*x3*x4*x4/17136
+ 3711118877*x1^4*x2^14*x3*x4*x4/2/1224 + 5107205059*x1^5*x2^3*x4*x4/2/34272
- 54551111775*x1^4*x2^13*x3*x4*x4/2/1344 + 25248036785*x1^4*x2^12*x3*x4*x4/68544
+ 92698303963*x1^4*x2^12*x3*x4*x4/2/68544 - 92897465459*x1^4*x2^11*x3*x4*x4/68544

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+ 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 + 156007648555*v1^4*v2^10*v3^10*v4/68544
- 763819066333*v1^4*v2^10*v3^9*v4^2/9792 - 230673527759*v1^4*v2^9*v3^11*v4/68544
+ 566662542317*v1^4*x^2*x^3*v3^10*x^4/2/68544 + 238694045063*v1^4*x^2*x^3^2*x^4/68544
- 293186931565*v1^4*x^2*x^3*v3^11*x^4/2/68544 - 212545108775*v1^4*x^2*x^3^2*x^4/68544
- 1507187917*v1^4*x^2*x^3^2*x^4/2/3264 + 143708631111*v1^4*x^2*x^6*x^3^14*x/68544
+ 95134325827*v1^4*x^2*x^6*x^3^13*x^4/2/22848 - 3476030657*v1^4*x^2*x^5*x^3^15*x/2448
- 26281634663*v1^4*x^2*x^5*x^3^14*x^4/2/22848 + 7116371107*v1^4*x^2*x^4*x^3^16*x/8568
+ 5418001471*v1^4*x^2*x^4*x^3^15*x^4/2/1632 - 25086497747*v1^4*x^2*x^3*x^3^17*x/34272
- 3104479543*v1^4*x^2*x^3^16*x^4/2/2856 - 832933013*x^1^4*x^2*x^2*x^3^18*x/2142
+ 951959333*v1^4*x^2*x^2*x^3^17*x^4/2/2448 - 427136753*v1^4*x^2*x^3^19*x/4/1224 + 10613040977*v1^4*x^2*x^3^18*x^4/2/34272
+ 55291097115*x^1^3*x^2*x^2*x^3*x^4/34272 - 479011165*x^1^3*x^2*x^2*x^3*x^4/2016 - 978922781*v1^3*x^2*x^3*x^4/2/34272
+ 772716617*v1^3*x^2*x^2*x^3*x^4/2/1904 + 19356682361*v1^3*x^2*x^17*x^3*x^4/34272
- 4594555287*v1^3*x^2*x^16*x^3*x^5*x^4/2016 + 967661989*x^1^3*x^2*x^19*x^3*x^4/2016 - 978922781*v1^3*x^2*x^3*x^4/2/34272
- 11824393385*x^1^3*x^2*x^15*x^3*x^6*x/1632 + 1652821433*x^1^3*x^2*x^15*x^3*x^4/2/11424
- 1114232728783*x^1^3*x^2*x^2*x^14*x^3*x^7*x/4/68544 - 3081206013*x^1^3*x^2*x^14*x^3*x^6*x/4/7616
- 215919310717*x^1^3*x^2*x^11*x^3*x^4*x/2/68544 - 318185937*x^1^3*x^2*x^10*x^3*x^6*x/4/1088
- 17441812361*x^1^3*x^2*x^10*x^3*x^5*x^4/2/68544 + 2413746065*x^1^3*x^2*x^9*x^3*x^7*x/4/5712
- 145650266039*x^1^3*x^2*x^9*x^3*x^6*x^4/2/8568 + 137998926619*x^1^3*x^2*x^8*x^3*x^7*x/4/2/11424
- 56558135105*x^1^3*x^2*x^7*x^3*x^9*x/4/8568 + 25441905788*x^1^3*x^2*x^6*x^3*x^10*x/4/34272
+ 12813843068*x^1^3*x^2*x^16*x^3*x^5*x^4/2/1071 + 46253968273*x^1^3*x^2*x^16*x^3*x^4*x/4896
- 16302696187*x^1^3*x^2*x^5*x^3*x^10*x^4/2/1071 + 235127964695*x^1^3*x^2*x^4*x^3*x^12*x/4/34272
+ 438998750269*x^1^3*x^2*x^4*x^3*x^11*x^4/2/34272 - 87123274751*x^1^3*x^2*x^3*x^13*x/4/11424
- 496272128419*x^1^3*x^2*x^3*x^3*x^12*x/4/34272 + 44337849281*x^1^3*x^2*x^2*x^3*x^14*x/4/11424
+ 52727044775*x^1^3*x^2*x^3*x^13*x^4/2/5712 - 59861580085*x^1^3*x^2*x^3*x^15*x/4/17136
- 266469648833*x^1^3*x^2*x^3*x^14*x^4/2/34272 + 5321065105*x^1^3*x^2*x^16*x^3*x^4/2/2016
- 75262335389*x^1^3*x^2*x^15*x^3*x^2*x/4/34272 + 50278858505*x^1^3*x^2*x^15*x^3*x^4/2/34272
- 409724040401*x^1^3*x^2*x^14*x^3*x^4/4/4032 + 34122933139*x^1^3*x^2*x^14*x^3*x^2*x/4/2/3264
+ 111043403363*x^1^3*x^2*x^13*x^3*x^4*x/4/9792 - 166168929593*x^1^3*x^2*x^13*x^3*x^4/2/9792
- 13654958579*x^1^3*x^2*x^12*x^3*x^5*x/4/7616 - 16154274035*x^1^3*x^2*x^12*x^3*x^4*x/4/68544
+ 90539151839*x^1^3*x^2*x^11*x^3*x^6*x/4/9792 + 119272693213*x^1^3*x^2*x^11*x^3*x^5*x/4/68544
+ 105163419005*x^1^3*x^2*x^14*x^3*x^4/4/17136 - 4602440401*x^1^3*x^2*x^13*x^3*x^2*x/4/17136
- 193705310237*x^1^3*x^2*x^12*x^3*x^4/7/34272 + 4402605965*x^1^3*x^2*x^11*x^3*x^2*x/4/7/4896
+ 140406524911*x^1^3*x^2*x^11*x^3*x^4/8/17136 - 247740796159*x^1^3*x^2*x^10*x^3*x^2*x/4/8/34272
- 479517128497*x^1^3*x^2*x^10*x^3*x^4/9/34272 + 16356933655*x^1^3*x^2*x^9*x^3*x^2*x/4/9/17136
+ 635098669003*x^1^3*x^2*x^9*x^3*x^4/10/34272 - 22344575811*x^1^3*x^2*x^8*x^3*x^2*x/4/10/34272
- 20307960437*x^1^3*x^2*x^9*x^3*x^4/3/3808 + 358238653907*x^1^3*x^2*x^13*x^3*x^2*x/4/7136
- 1299094002707*x^1^3*x^2*x^13*x^3*x^4/17136 - 132351420913*x^1^3*x^2*x^12*x^3*x^2*x/4/34272
- 1034218151*x^1^3*x^2*x^12*x^3*x^4/5/8568 - 16370669975*x^1^3*x^2*x^11*x^3*x^2*x/4/5/4896
+ 9724834149*x^1^3*x^2*x^11*x^3*x^4/6/1904 + 149677170637*x^1^3*x^2*x^10*x^3*x^2*x/4/6/68544
+ 91970666657*x^1^3*x^2*x^9*x^3*x^4/8/11424 - 7379977345*x^1^3*x^2*x^8*x^3*x^2*x/4/8/1904
- 286802973031*x^1^3*x^2*x^7*x^3*x^4/9/17136 + 587139364697*x^1^3*x^2*x^7*x^3*x^2*x/4/9/34272
+ 295496963635*x^1^3*x^2*x^7*x^3*x^4/10/17136 - 1151742161*x^1^3*x^2*x^6*x^3*x^2*x/4/10/357
- 4541315197*x^1^3*x^2*x^6*x^3*x^4/11/2448 - 286415657665*x^1^3*x^2*x^5*x^3*x^2*x/4/11/34272
+ 5711048429*x^1^3*x^2*x^9*x^3*x^4/12/238 + 36418117489*x^1^3*x^2*x^4*x^3*x^2*x/4/12/4896
- 60258522177*x^1^3*x^2*x^12*x^3*x^4/13/17136 + 168624324901*x^1^3*x^2*x^3*x^2*x/4/13/8568
+ 959087889*x^1^3*x^2*x^3*x^4/14/544 + 13274171753*x^1^3*x^2*x^2*x^3*x^2*x/4/14/1224
- 56427540779*x^1^3*x^2*x^12*x^3*x^4/15/5712 - 93525228487*x^1^3*x^2*x^3*x^2*x/4/15/8568
+ 328721837317*x^1^3*x^2*x^3*x^4/16/34272 + 55564474795*x^1^3*x^2*x^5*x^3*x^12*x/4/5/4032
- 60163474723*x^1^3*x^2*x^3*x^11*x^4/6/7616 + 1028848856855*x^1^3*x^2*x^5*x^3*x^10*x/4/7/68544
- 586670813621*x^1^3*x^2*x^5*x^3*x^4/8/68544 - 212064224747*x^1^3*x^2*x^5*x^3*x^8*x/4/9/22848
+ 209718133217*x^1^3*x^2*x^5*x^3*x^7*x/4/10/68544 - 310719786017*x^1^3*x^2*x^5*x^3*x^6*x/4/11/68544
+ 940966986691*x^1^3*x^2*x^5*x^3*x^4/12/68544 - 6986691419*x^1^3*x^2*x^5*x^3*x^4/13/7616
+ 48556479485*x^1^3*x^2*x^4*x^3*x^14*x/4/34272 + 23158039015*x^1^3*x^2*x^4*x^3*x^13*x/4/5/11424
- 75103251257*x^1^3*x^2*x^4*x^3*x^12*x/4/17136 + 2325249461*x^1^3*x^2*x^4*x^3*x^11*x/4/7/476
- 327854578481*x^1^3*x^2*x^4*x^3*x^10*x/4/8/34272 + 62583077365*x^1^3*x^2*x^4*x^3*x^9*x/4/9/11424
- 9858933349*x^1^3*x^2*x^4*x^3*x^8*x^4/10/4284 - 134399554157*x^1^3*x^2*x^4*x^3*x^7*x/4/11/17136
+ 193658154811*x^1^3*x^2*x^4*x^3*x^6*x/4/17136 - 192667499621*x^1^3*x^2*x^4*x^3*x^5*x/4/13/11424
+ 21299100405*x^1^3*x^2*x^4*x^3*x^15*x^4/4/5712 + 25403327465*x^1^3*x^2*x^3*x^14*x/4/5/8568
- 13181808139*x^1^3*x^2*x^3*x^15*x^4/4/5712 + 2680314479*x^1^3*x^2*x^3*x^15*x^4/4/5/8568
- 33614165479*x^1^3*x^2*x^3*x^13*x^4/6/34272 - 785996665*x^1^3*x^2*x^3*x^12*x/4/7/17136
+ 71558065225*x^1^3*x^2*x^2*x^3*x^11*x^4/8/11424 - 48205346953*x^1^3*x^2*x^3*x^10*x/4/9/4896
+ 3896022415*x^1^3*x^2*x^3*x^3*x^4/10/288 - 55726126963*x^1^3*x^2*x^3*x^3*x^8*x/4/11/4284
+ 462743470355*x^1^3*x^2*x^3*x^4/13/17136 - 680919095*x^1^3*x^2*x^3*x^6*x/4/13/63
+ 377964888799*x^1^3*x^2*x^3*x^5*x^4/14/34272 - 308242597855*x^1^3*x^2*x^3*x^4*x^4/15/34272
- 55640896217*x^1^3*x^2*x^2*x^3*x^4/3/34272 + 68025652323*x^1^3*x^2*x^10*x^3*x^4*x/10/34272
- 46332185983*x^1^3*x^2*x^9*x^3*x^4/9/336 + 647720179*x^1^2*x^2*x^8*x^7*x^4/8/48 + 31113966691*x^1^2*x^2*x^7*x^3*x^4/7/8568
+ 85790489525*x^1^2*x^2*x^6*x^3*x^4/6/4032 + 8104417543*x^1^2*x^2*x^5*x^3*x^4/5/2448
- 101412145*x^1^2*x^2*x^4*x^3*x^5*x^4/4/408 - 16692894603*x^1^2*x^2*x^3*x^3*x^7*x/4/4/17136
+ 56298269611*x^1^2*x^2*x^4*x^3*x^4/5/5712 - 4257256574*x^1^2*x^2*x^4*x^3*x^4/3/357
+ 37742138513*x^1^2*x^2*x^4*x^3*x^4/3/3808 + 5315549009*x^1^2*x^2*x^4*x^3*x^5*x/4/3/7616
- 29623680571*x^1^2*x^2*x^5*x^3*x^4*x/4/1344 - 17481727949*x^1^2*x^2*x^4*x^3*x^6*x/4/3/3264
- 99502899827*x^1^2*x^2*x^6*x^3*x^4*x/4/68544 + 736851993995*x^1^2*x^2*x^5*x^3*x^4*x/4/68544
- 41110299151*x^1^2*x^2*x^4*x^3*x^7*x/4/3/34272 - 706226509*x^1^2*x^2*x^6*x^3*x^4*x/4/1344
- 237738803*x^1^2*x^2*x^5*x^3*x^4*x/4/153 + 237738803*x^1^2*x^2*x^4*x^3*x^5*x/4/504
- 749788086181*x^1^2*x^2*x^3*x^4*x/4/2/34272 - 1398208356*x^1^2*x^2*x^3*x^3*x^4/6/7616
- 78469692655*x^1^2*x^3*x^7*x^4/9/8568 + 20766221485*x^1^2*x^2*x^2*x^3*x^12*x/4/3/34272
+ 283495188743*x^1^2*x^2*x^3*x^7*x^4/10/34272 + 100214907319*x^1^2*x^2*x^3*x^10*x/4/5/17136
+ 6746370065*x^1^2*x^2*x^2*x^3*x^8*x^4/3/11424 + 1665107509*x^1^2*x^2*x^2*x^3*x^7*x^4/4/544
+ 3449693419*x^1^2*x^2*x^2*x^3*x^6*x^4/5/17136 - 1575691933*x^1^2*x^2*x^2*x^3*x^5*x^4*x/4/2448
- 10374756391*x^1^2*x^2*x^2*x^3*x^4*x/7/2016 + 119627682859*x^1^2*x^2*x^2*x^3*x^4*x/8/2856
- 819329830691*x^1^2*x^2*x^3*x^9*x^4/3/34272 - 86279989525*x^1^2*x^2*x^3*x^8*x^4/4/34272
- 5288267643*x^1^2*x^2*x^3*x^5*x^4/4/5712 - 117816723103*x^1^2*x^2*x^3*x^6*x^4/6/5712
- 22333779315*x^1^2*x^2*x^3*x^5*x^4/7/952 - 56763955513*x^1^2*x^2*x^3*x^4*x^4/8/1248
- 696491202419*x^1^2*x^2*x^3*x^4*x/9/34272 - 62117428181*x^1^2*x^2*x^4*x/12/2448 + 157447333999*x^1^2*x^3*x^4*x/12/5712
- 162356492995*x^1^2*x^2*x^3*x^9*x^4/3/34272 - 15487266433*x^1^2*x^2*x^2*x^3*x^8*x^4/4/2448
- 347084073815*x^1^2*x^2*x^3*x^7*x^4/5/34272 - 69125719057*x^1^2*x^2*x^2*x^3*x^6*x^4/6/17136
+ 182752709285*x^1^2*x^2*x^2*x^3*x^5*x^4/7/34272 + 107980052423*x^1^2*x^2*x^2*x^3*x^4*x/8/34272
- 17025537317*x^1^2*x^2*x^3*x^4*x/9/2856 + 272584945709*x^1^2*x^2*x^3*x^11*x^4/2/11424
+ 186177437651*x^1^2*x^2*x^3*x^10*x^4/3/8568 + 29880458899*x^1^2*x^2*x^3*x^9*x^4/4/1428
+ 660018132769*x^1^2*x^2*x^3*x^8*x^4/5/34272 + 171025287971*x^1^2*x^2*x^3*x^7*x^4/6/8568
+ 275508406151*x^1^2*x^2*x^3*x^6*x^4/7/17136 + 2345460261*x^1^2*x^2*x^3*x^5*x^4/8/112 + 2850434777*x^1^2*x^3*x^4*x^4/9/72
+ 165285164735*x^1^2*x^2*x^3*x^4/10/8568 - 77396292625*x^1^2*x^2*x^3*x^2*x/4/11/17136

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