Multi-headed Lattice Green Function (N = 5, M = 3)

In[ ]:=
```
NN = 5;
MM = 3;
```

Recall some basic definitions in the paper:

$$P_{M,N}(z) := \frac{1}{(2\pi)^N} \int_{-\pi}^{\pi} \cdots \int_{-\pi}^{\pi} \frac{1}{1 - \frac{z}{\binom{N}{M}} \sigma_M(\cos\theta_1, \ldots, \cos\theta_N)} \, d\theta_1 \ldots d\theta_N$$

$$R_{M,N}(z) := P_{M,N}\left(2^M \binom{N}{M} z\right) \text{ and } R_{M,N}(z) = \sum_{n \geq 0} r_{M,N}(n)\, z^n$$

Also, for M odd or $M = N$, we always have $r(2n+1) = 0$. Hence, define
$\tilde{r}_{M,N}(n) := r_{M,N}(2n)$ and $\tilde{R}_{M,N}(z) := \sum_{n \geq 0} \tilde{r}_{M,N}(n)\, z^n = \sum_{n \geq 0} r_{M,N}(2n)\, z^n$

Our goal is to find:

Case 1. *M* even and *M* ≠ *N*:
- recurrences (REC) for *r*(*n*) or differential equations (ODE) for *R*(*z*).

Case 2. *M* odd or *M* = *N*:
- recurrences (REC) for $\tilde{r}(n)$ or differential equations (ODE) for $\tilde{R}(z)$.

Command: UnrollRecurrence

Generate a sequence from recurrence & initial values (Koutschan's implementation).

In[ ]:=
```
(* given a recurrence rec in f[n], compute the values {f[0],f[1],...,f[bound]}
 where inits are the initial values
 {f[0],...,f[d-1]} with d being the order of the recurrence *)
Clear[UnrollRecurrence];
UnrollRecurrence[rec1_, f_[n_], inits_, bound_] :=
  Module[{i, x, vals = inits, rec = rec1},
   If[Head[rec] =!= Equal, rec = (rec == 0)];
   rec = rec /. n → n - Max[Cases[rec, f[n + a_.] :→ a, Infinity]];
   Do[
    AppendTo[vals, Solve[rec /. n → i /. f[i] → x /. f[a_] :→ vals[[a + 1]], x][[1, 1, 2]]];
    , {i, Length[inits], bound}];
   Return[vals];
  ];
```

Load RISC packages.

In[•]:=
```
<< RISC`HolonomicFunctions`
<< RISC`Asymptotics`
<< RISC`Guess`
```

HolonomicFunctions Package version 1.7.3 (21-Mar-2017)
written by Christoph Koutschan
Copyright Research Institute for Symbolic Computation (RISC),
Johannes Kepler University, Linz, Austria

--> Type ?HolonomicFunctions for help.

Asymptotics Package version 0.3
written by Manuel Kauers
Copyright Research Institute for Symbolic Computation (RISC),
Johannes Kepler University, Linz, Austria

Package GeneratingFunctions version 0.9 written by Christian Mallinger
Copyright Research Institute for Symbolic Computation (RISC),
Johannes Kepler University, Linz, Austria

Guess Package version 0.52
written by Manuel Kauers
Copyright Research Institute for Symbolic Computation (RISC),
Johannes Kepler University, Linz, Austria

Apply creative telescoping to $R\left(z/2^M\right)$.

In[•]:=
```
ClearAll[x1, x2, x3, x4, x5, z, w, α, β];
```

In[•]:=
```
SymmetricPolynomial[3, {x1, x2, x3, x4, x5}]
```

Out[•]=
```
x1 x2 x3 + x1 x2 x4 + x1 x3 x4 + x2 x3 x4 + x1 x2 x5 + x1 x3 x5 + x2 x3 x5 + x1 x4 x5 + x2 x4 x5 + x3 x4 x5
```

In[•]:=
```
integrand =
  1 / ((1 - z (x1 x2 x3 + x1 x2 x4 + x1 x3 x4 + x2 x3 x4 + x1 x2 x5 + x1 x3 x5 + x2 x3 x5 + x1 x4 x5 +
          x2 x4 x5 + x3 x4 x5)) Sqrt[1 - x1^2]
     Sqrt[1 - x2^2] Sqrt[1 - x3^2] Sqrt[1 - x4^2] Sqrt[1 - x5^2]);
```

In[•]:=
```
ClearAll[ann0];
ann0 = Annihilator[integrand, {Der[x1], Der[x2], Der[x3], Der[x4], Der[x5], Der[z]}];
```

In[•]:=
```
Timing[{ann1, delta1} = CreativeTelescoping[ann0, Der[x1]];]
```

Out[•]=
```
{1.78125, Null}
```

In[•]:=
```
Timing[{ann2, delta2} = CreativeTelescoping[ann1, Der[x2]];]
```

Out[•]=
```
{31.125, Null}
```

Alternatively, you may import the value of ann2 from an external file.

```
In[•]:= {ann2, delta2} = ToOrePolynomial[
          ToExpression[Import[NotebookDirectory[] <> "Data-N5M3-Integral-ann2.txt"]]];
```

Now you need to import the annihilating operators from external files. In particular, the certification of the telescopers has been done on a server; here we only display the certification with specific substitutions of the variables.

```
In[•]:= {ann3, delta3} = ToOrePolynomial[
          ToExpression[Import[NotebookDirectory[] <> "Data-N5M3-Integral-ann3.txt"]]];
```

```
In[•]:= (*Certify the telescopers for the third integral numerically
          (and hence in a nonrigorous way): Output needs to be {0, 0, 0, 0}*)
        subs = {x4 → -66, x5 → 497, z → 333};
        {ann3a, delta3a} = OrePolynomialSubstitute[#, subs] & /@ {ann3, delta3};
        Timing[OreReduce[MapThread[(#1 + Der[x3] ** #2) &, {ann3a, delta3a}],
          ann2, OrePolynomialSubstitute → subs]]
Out[•]= {2.59375, {0, 0, 0, 0}}
```

```
In[•]:= {ann4, delta4} = ToOrePolynomial[
          ToExpression[Import[NotebookDirectory[] <> "Data-N5M3-Integral-ann4.txt"]]];
```

```
In[•]:= (*Certify the telescopers for the fourth integral numerically
          (and hence in a nonrigorous way): Output needs to be {0, 0, 0, 0}*)
        subs = {x5 → -129, z → 654};
        {ann4a, delta4a} = OrePolynomialSubstitute[#, subs] & /@ {ann4, delta4};
        Timing[OreReduce[MapThread[(#1 + Der[x4] ** #2) &, {ann4a, delta4a}],
          ann3, OrePolynomialSubstitute → subs]]
Out[•]= {20.0469, {0, 0, 0, 0}}
```

```
In[•]:= {ann5, delta5} = ToOrePolynomial[
          ToExpression[Import[NotebookDirectory[] <> "Data-N5M3-Integral-ann5.txt"]]];
```

```
In[•]:= (*Certify the telescopers for the fifth integral numerically
          (and hence in a nonrigorous way): Output needs to be {0}*)
        subs = {z → 11};
        {ann5a, delta5a} = OrePolynomialSubstitute[#, subs] & /@ {ann5, delta5};
        Timing[OreReduce[MapThread[(#1 + Der[x5] ** #2) &, {ann5a, delta5a}],
          ann4, OrePolynomialSubstitute → subs]]
Out[•]= {271.141, {0}}
```

ann5 gives an ODE for $R\left(z/2^M\right)$.

```
In[•]:= ODEDiv2 = ann5[[1]];
```

Compute the ODE for $R(z)$.

ODEinD - in terms of the derivation operator D

ODEinTheta - in terms of the derivation operator θ - **Order 14, Degree 110 (Refer to Table 1)**

```
In[•]:= ODETemp = NormalizeCoefficients[
          DFiniteSubstitute[{ODEDiv2}, {z → w * 2^MM}, Algebra → OreAlgebra[Der[w]]][[1]]];
```

```
In[•]:= ODEinD = NormalizeCoefficients[
          DFiniteSubstitute[{ODETemp}, {w → z}, Algebra → OreAlgebra[Der[z]]][[1]]];

In[•]:= ODEinTheta = NormalizeCoefficients[ChangeOreAlgebra[z ** ODEinD, OreAlgebra[Euler[z]]]];

In[•]:= ODEinThetaOrder = OrePolynomialDegree[ODEinTheta, Euler[z]]

Out[•]= 14

In[•]:= ODEinThetaDegree = Max[Exponent[OrePolynomialListCoefficients[ODEinTheta], z]]

Out[•]= 110
```

Since $M = 3$ is odd, we move on to the ODE for $\tilde{R}(z) = R\left(z^{1/2}\right)$.

ODENormalizedinTheta gives the ODE in Theorem 5.1! (To be displayed at the end of this notebook)

Order 14, Degree 55

```
In[•]:= ODENormalizedinD = NormalizeCoefficients[
          DFiniteSubstitute[{ODEinD}, {z → w^(1/2)}, Algebra → OreAlgebra[Der[w]]][[1]]];

In[•]:= ODENormalizedinTheta =
          NormalizeCoefficients[ChangeOreAlgebra[w ** ODENormalizedinD, OreAlgebra[Euler[w]]]];

In[•]:= ODENormalizedinThetaOrder = OrePolynomialDegree[ODENormalizedinTheta, Euler[w]]

Out[•]= 14

In[•]:= ODENormalizedinThetaDegree =
         Max[Exponent[OrePolynomialListCoefficients[ODENormalizedinTheta], w]]

Out[•]= 55
```

Get the REC for $\tilde{r}(n)$.

Order 55

```
In[•]:= RECNormalizedinS = NormalizeCoefficients[DFiniteDE2RE[{ODENormalizedinD}, {w}, {α}][[1]]];

In[•]:= RecNormalizedinSOrder = OrePolynomialDegree[RECNormalizedinS, S[α]]

Out[•]= 55
```

We may also write this REC explicitly.

```
In[•]:= ClearAll[Seq];
        SeqNormalized = ApplyOreOperator[RECNormalizedinS, Seq[α]];
```

The initial values of $\tilde{r}(n)$ are also produced by the ODE for $\tilde{R}(z)$.

In[•]:=
```
MAX = ODENormalizedinThetaDegree;
ClearAll[a];

SeriesIni = ApplyOreOperator[ODENormalizedinTheta, Sum[a[n] w^n, {n, 0, MAX}]];

SeqListIni = {1, 80};

For[k = 2, k ≤ MAX, k++,
  {
   eqn =
    Coefficient[SeriesIni, w, k] == 0 /. Table[a[i] → SeqListIni[[i + 1]], {i, 0, k - 1}];
   eqnsol = Solve[eqn, a[k]][[1, 1, 2]];
   AppendTo[SeqListIni, eqnsol];
  }
 ];

SeqListIni

seq[n_] := SeqListIni[[n + 1]];
```

Out[•]=
```
{1, 80, 71 280, 174 723 200, 573 097 798 000,
 2 167 896 636 622 080, 8 985 422 897 458 761 600, 39 715 087 515 602 010 969 600,
 184 117 919 068 859 169 897 874 800, 885 583 425 721 845 622 168 327 673 600,
 4 386 099 498 479 864 249 745 335 277 940 480, 22 247 397 800 048 478 195 602 015 186 152 627 200,
 115 098 804 250 860 069 129 718 190 506 184 702 588 800,
 605 489 147 842 356 305 089 993 514 440 446 879 603 968 000,
 3 230 968 039 787 430 645 359 988 649 898 842 872 479 055 936 000,
 17 454 627 670 842 740 261 014 519 511 857 271 000 056 732 306 483 200,
 95 314 897 524 716 403 297 699 534 235 056 571 223 104 693 047 194 310 000,
 525 442 888 294 227 980 355 011 211 087 882 747 610 824 386 283 081 470 688 000,
 2 921 065 452 652 227 999 108 894 254 806 556 575 601 749 547 266 408 378 190 880 000,
 16 361 334 837 601 956 758 939 223 980 403 794 423 184 211 024 740 843 631 711 499 520 000,
 92 263 009 440 689 971 525 987 248 634 775 785 830 248 046 103 477 453 971 693 444 417 888 000,
 523 462 334 874 954 371 246 198 066 024 909 719 066 285 863 934 948 067 272 120 285 203 386 880 000,
 2 986 404 651 890 753 868 855 905 733 874 843 894 593 687 330 846 422 430 980 756 268 177 286 830 720 000,
 17 124 024 006 230 605 916 240 110 264 841 138 028 606 874 201 797 461 817 344 352 351 638 798 808 998 ↓
  400 000,
 98 644 353 295 889 356 185 174 454 329 185 796 912 891 985 443 903 779 467 750 402 746 074 029 168 304 ↓
  775 600 000,
 570 670 621 888 328 453 292 442 610 288 521 141 216 352 336 014 429 223 971 074 119 611 422 910 266 844 ↓
  471 003 822 080,
 3 314 379 640 539 882 310 721 198 711 271 748 345 724 997 631 359 742 486 925 786 155 600 120 905 275 945 ↓
  021 185 445 222 400,
 19 319 464 827 486 459 924 164 628 385 128 754 985 845 702 985 860 841 987 326 479 892 960 933 037 192 ↓
  140 839 109 071 087 718 400,
 112 992 716 625 728 534 336 599 472 719 451 190 447 994 601 515 523 261 506 050 954 252 319 464 332 054 ↓
  823 260 236 213 958 249 536 000,
 662 928 355 939 071 244 858 535 383 758 871 645 018 983 005 511 785 347 965 010 764 908 808 868 602 886 ↓
  550 161 744 037 359 388 113 920 000,
 3 900 785 357 673 616 284 407 432 986 726 270 431 141 995 211 157 632 950 181 577 449 426 819 131 766 043 ↓
  010 374 583 462 839 514 480 613 529 600,
 23 015 704 493 868 402 820 165 563 324 201 338 320 851 874 388 769 784 440 633 511 884 425 704 714 815 ↓
```

755 830 195 706 887 682 463 148 265 643 008 000,
136 147 133 348 655 560 838 360 084 172 954 419 429 087 957 966 242 138 851 320 572 695 619 661 164 817 ∴
242 919 023 165 570 108 189 896 814 468 442 822 000,
807 303 498 778 698 608 301 524 609 618 466 433 065 727 760 305 016 085 557 581 336 177 515 848 324 680 ∴
942 535 025 028 827 474 528 713 407 594 740 525 024 000,
4 797 858 143 108 368 763 810 902 206 349 650 709 096 028 691 860 472 153 949 777 430 322 189 976 670 639 ∴
704 095 485 317 893 080 535 513 577 590 118 502 843 808 000,
28 574 831 518 493 609 787 506 129 088 587 689 218 652 198 301 147 172 428 698 653 153 336 743 104 595 ∴
828 925 957 996 736 077 077 265 710 001 940 582 168 173 035 673 600,
170 527 284 063 535 946 982 168 692 355 462 701 704 473 695 314 252 633 830 136 394 869 047 852 045 669 ∴
765 991 597 533 718 727 937 446 734 652 244 907 386 405 640 443 424 000,
1 019 601 429 153 550 179 654 921 695 848 305 044 252 145 130 120 495 288 285 968 442 564 916 001 817 220 ∴
583 827 418 570 761 650 542 866 302 532 065 231 460 124 095 377 573 376 000,
6 107 304 594 189 077 349 232 965 085 732 056 597 581 363 705 160 614 649 948 720 912 162 205 035 543 445 ∴
638 926 985 850 647 175 111 858 318 623 651 440 982 224 978 114 786 999 040 000,
36 644 678 868 821 791 547 140 227 398 299 911 315 173 866 738 009 315 682 135 872 341 955 419 183 387 ∴
205 303 383 626 699 819 495 474 362 499 444 765 138 172 944 467 716 176 432 552 960 000,
220 230 321 649 079 378 140 046 161 016 883 911 404 592 054 950 962 783 019 432 664 848 620 324 652 474 ∴
648 134 044 502 138 932 665 948 836 521 851 793 098 076 606 864 061 375 000 395 165 228 800,
1 325 603 269 293 092 778 678 460 594 359 195 617 619 542 653 516 629 469 217 144 178 888 200 406 223 566 ∴
965 341 581 215 232 260 485 310 708 875 399 226 365 796 522 922 941 455 719 490 005 677 568 000,
7 990 761 588 146 771 390 465 158 487 659 285 651 466 977 212 196 003 598 277 287 585 352 966 495 306 245 ∴
759 417 140 509 987 733 897 642 288 735 285 098 763 625 199 904 998 096 686 659 549 777 098 240 000,
48 235 976 989 887 547 208 886 545 026 073 246 128 918 788 411 791 029 644 472 621 551 884 545 156 889 ∴
757 532 271 753 950 527 341 688 196 186 619 220 909 785 358 507 772 316 943 368 307 020 605 873 615 872 ∴
000,
291 564 387 922 709 516 538 926 725 657 920 139 053 344 611 441 111 990 707 783 781 912 746 861 000 698 ∴
360 509 016 053 991 800 761 468 116 443 813 678 725 363 798 157 489 674 935 184 271 726 189 924 456 239 ∴
744 000,
1 764 624 989 042 345 740 204 833 269 003 494 422 637 385 614 499 869 396 910 561 396 511 620 660 948 325 ∴
903 692 222 211 164 692 708 375 894 553 190 088 242 887 512 986 679 642 969 343 423 328 701 551 643 979 ∴
690 393 600,
10 693 027 404 479 650 121 419 788 502 291 004 844 422 108 947 855 214 689 782 959 210 271 058 757 157 ∴
910 618 289 365 072 444 277 435 256 836 536 088 593 524 597 668 417 986 086 233 012 053 358 085 840 785 ∴
764 417 457 664 000,
64 871 890 707 173 070 007 905 987 790 045 024 108 560 903 430 779 449 916 171 367 392 652 848 654 489 ∴
110 449 598 446 138 669 462 825 265 699 557 445 432 923 883 461 684 934 353 111 095 769 141 633 421 642 ∴
590 465 608 873 984 000,
394 002 331 387 721 204 914 688 462 187 891 183 139 902 987 637 797 889 578 995 296 541 976 808 972 110 ∴
277 031 070 229 684 736 989 938 141 710 596 672 859 375 626 505 944 013 329 898 066 023 390 152 058 433 ∴
390 244 063 772 692 912 000,
2 395 562 107 285 154 717 658 969 319 136 266 457 087 708 870 031 640 787 876 329 222 777 125 102 718 460 ∴
278 459 224 757 451 399 486 890 714 409 346 258 247 740 203 301 514 459 216 438 464 842 902 658 436 886 ∴
953 651 840 131 061 268 224 000,
14 580 208 542 451 756 376 147 666 669 885 485 808 734 950 941 485 717 511 260 484 332 570 061 659 231 ∴
802 546 451 586 061 356 669 493 583 643 224 787 576 308 678 459 506 143 992 770 882 344 156 342 503 654 ∴
522 278 914 555 176 410 707 250 964 480,
88 828 034 629 764 910 280 789 614 992 320 440 954 030 218 635 239 819 297 802 706 093 670 858 288 735 ∴
481 474 668 095 425 544 172 763 893 927 807 446 322 066 339 280 875 537 770 573 657 294 391 147 892 024 ∴
544 694 676 393 452 991 433 237 311 078 400,
541 688 690 617 330 757 174 815 989 883 480 553 855 746 835 148 137 281 717 677 524 530 945 906 084 964 ∴

```
191 324 542 846 764 680 912 700 120 736 231 418 728 986 439 083 082 606 960 468 792 453 202 761 972 261 ↓
 277 874 583 647 555 960 299 153 676 336 486 400,
3 306 337 692 272 589 344 990 810 438 505 149 675 783 942 367 684 521 424 403 501 939 496 300 978 647 473 ↓
 388 392 830 291 652 627 004 981 895 314 080 989 644 857 820 413 060 311 752 904 956 573 336 038 117 112 ↓
 419 844 393 937 289 064 259 154 550 464 172 032 000,
20 198 893 220 533 155 882 232 776 951 538 370 052 984 081 835 589 897 170 901 992 139 623 186 148 026 ↓
 013 926 625 777 401 283 642 138 892 061 188 658 436 476 209 176 562 983 715 866 534 419 739 327 324 294 ↓
 160 996 633 014 213 381 018 330 349 744 141 730 893 312 000,
123 502 820 615 866 557 139 150 939 243 378 381 843 874 939 501 058 969 365 725 993 567 261 335 555 591 ↓
 694 897 072 499 916 733 087 500 844 612 760 488 105 694 872 063 339 490 416 303 851 620 572 006 984 444 ↓
 870 483 313 886 249 734 138 180 982 784 025 114 436 045 619 200}
```

In[•]:=
```
seq[54]
```

Out[•]=
```
20 198 893 220 533 155 882 232 776 951 538 370 052 984 081 835 589 897 170 901 992 139 623 186 148 026 013 ↓
 926 625 777 401 283 642 138 892 061 188 658 436 476 209 176 562 983 715 866 534 419 739 327 324 294 160 ↓
 996 633 014 213 381 018 330 349 744 141 730 893 312 000
```

Alternatively, you may import these initial values from an external file.

In[•]:=
```
SeqListIni =
  ToExpression[Import[NotebookDirectory[] <> "Data-N5M3-Integral-Initial-Values.txt"]];

seq[n_] := SeqListIni[[n + 1]];
```

Let us the generate a list of $\tilde{r}(n)$.

In[•]:=
```
Bound = 10 000;

SeqList = UnrollRecurrence[SeqNormalized, Seq[α], SeqListIni, Bound];

seq[n_] := SeqList[[n + 1]];
```

Guess a Minimal ODE for $\tilde{R}(z)$.

Its order is 14, and is identical to that of the ODE in Theorem 5.1 (ODENormalizedinTheta).

In[•]:=
```
ClearAll[Diff];
ODEGuess = GuessMinDE[Take[SeqList, 800], Diff[z]];
ODEGuessinD = NormalizeCoefficients[
   ToOrePolynomial[ODEGuess /. {Derivative[k_][Diff][z] → Der[z]^k} /. {Diff[z] → 1}]];
```

In[•]:=
```
ODEGuessinTheta =
  NormalizeCoefficients[ChangeOreAlgebra[z ** ODEGuessinD, OreAlgebra[Euler[z]]]];
```

In[•]:=
```
ODEGuessinThetaOrder = OrePolynomialDegree[ODEGuessinTheta, Euler[z]]
```

Out[•]=
```
14
```

Guess a Minimal REC for $\tilde{r}(n)$.

SeqfromRECGuess gives the REC in Theorem 5.2! (To be displayed at the end of this notebook)

REC: Order 8

ODE: Order 69, Degree 8

```
In[•]:= RECGuess = GuessMinRE[Take[SeqList, 800], Seq[α]];
        RECGuessinS = NormalizeCoefficients[ToOrePolynomial[RECGuess /. {Seq[k_] → S[α]^(k-α)}]];

In[•]:= RECGuessinSOrder = OrePolynomialDegree[RECGuessinS, S[α]]

Out[•]= 8

In[•]:= ODEfromRECGuessinD = NormalizeCoefficients[DFiniteRE2DE[{RECGuessinS}, {α}, {z}][[1]]];

In[•]:= ODEfromRECGuessinTheta =
          NormalizeCoefficients[ChangeOreAlgebra[z ** ODEfromRECGuessinD, OreAlgebra[Euler[z]]]];

In[•]:= ODEfromRECGuessinThetaOrder = OrePolynomialDegree[ODEfromRECGuessinTheta, Euler[z]]

Out[•]= 69

In[•]:= ODEfromRECGuessinThetaDegree =
         Max[Exponent[OrePolynomialListCoefficients[ODEfromRECGuessinTheta], z]]

Out[•]= 8
```

We may also write this REC explicitly.

```
In[•]:= ClearAll[Seq];
        SeqfromRECGuess = ApplyOreOperator[RECGuessinS, Seq[α]];

In[•]:= SeqfromRECGuessList =
          UnrollRecurrence[SeqfromRECGuess, Seq[α], Take[SeqList, RECGuessinSOrder], 200];
```

Prove the minimal REC for $\tilde{r}(n)$.

```
In[•]:= RECCompare = DFinitePlus[{RECNormalizedinS}, {RECGuessinS}][[1]];

In[•]:= RECCompareOrder = LeadingExponent[RECCompare][[1]]

Out[•]= 55

In[•]:= CheckNum = RECCompareOrder + 20;
        Take[SeqList, CheckNum] - Take[SeqfromRECGuessList, CheckNum]

Out[•]= {0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
         0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
         0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0}
```

Compute the asymptotics for $\tilde{r}(n)$.

This code requires too much memory so we have run it on a server. The output indicates the following asymptotic formula.

```
In[•]:= AsyList = Asymptotics[SeqfromRECGuess, Seq[α]];
        N[AsyList]

        ... Throw: Uncaught SystemException returned to top level. Can be caught with Catch[..., _SystemException].

Out[•]= SystemException[MemoryAllocationFailure]

Out[•]= AsyList
```

In[•]:=
```
Ind = Reverse[Table[Floor[Bound / i], {i, 1, 3}]]
Table[N[seq[Ind[[i]]] / (6400^α α^(-5/2)) /. {α → Ind[[i]]}], {i, 1, Length@Ind}]
```

Out[•]= {3333, 5000, 10 000}

Out[•]= {0.0128099, 0.0128107, 0.0128115}

Approximate the Polya number.

In[•]:=
```
AtOne = N[Sum[seq[n] * (1 / (2^MM Binomial[NN, MM]))^(2 n), {n, 0, Bound}], 11]
N[1 - 1 / AtOne, 10]
```

Out[•]= 1.0160658045

Out[•]= 0.01581177560

Display the ODE in Theorem 5.1

In[•]:=
```
-ODENormalizedinTheta /. {w → z}
```

Out[•]=
$$
\begin{aligned}
&(572\,299\,306\,064\,796\,335\,571\,000 - 242\,582\,994\,155\,497\,488\,652\,951\,623\,170\,100\,z + \\
&\quad 1\,240\,241\,184\,572\,607\,707\,714\,766\,547\,889\,165\,037\,000\,z^2 - \\
&\quad 1\,087\,912\,681\,154\,436\,067\,585\,590\,986\,869\,876\,447\,695\,576\,840\,z^3 - \\
&\quad 365\,495\,658\,564\,390\,293\,784\,554\,117\,817\,510\,045\,317\,426\,417\,734\,560\,z^4 + \\
&\quad 207\,523\,836\,568\,208\,909\,374\,852\,964\,622\,268\,156\,814\,381\,667\,975\,125\,274\,240\,z^5 - \\
&\quad 9\,635\,842\,020\,340\,190\,802\,046\,089\,473\,756\,544\,187\,492\,286\,484\,195\,010\,317\,523\,968\,z^6 - \\
&\quad 4\,381\,074\,063\,328\,569\,441\,521\,527\,192\,724\,111\,962\,053\,331\,148\,965\,647\,491\,700\,208\,091\,136\,z^7 + \\
&\quad 144\,735\,700\,302\,981\,377\,886\,407\,850\,416\,334\,121\,471\,877\,323\,181\,517\,055\,770\,258\,728\,440\,037\,376\,z^8 - \\
&\quad 2\,858\,100\,218\,759\,910\,717\,286\,809\,705\,799\,706\,909\,726\,427\,731\,113\,758\,442\,175\,643\,721\,961\,652\,092\,928\,\\
&\quad\quad z^9 + \\
&\quad 15\,535\,787\,434\,794\,457\,079\,568\,900\,066\,265\,973\,091\,220\,346\,042\,812\,928\,190\,961\,268\,895\,027\,820\,058\,640\,\\
&\quad\quad 384\,z^{10} + \\
&\quad 3\,147\,146\,427\,319\,696\,624\,940\,259\,745\,147\,940\,073\,162\,300\,474\,564\,867\,485\,879\,574\,823\,944\,899\,924\,494\,\\
&\quad\quad 123\,008\,z^{11} + \\
&\quad 39\,373\,023\,120\,361\,841\,018\,955\,159\,410\,199\,091\,037\,007\,788\,834\,595\,801\,490\,380\,837\,638\,070\,892\,634\,340\,\\
&\quad\quad 303\,248\,031\,744\,z^{12} - \\
&\quad 278\,876\,294\,703\,979\,651\,205\,321\,199\,216\,715\,952\,096\,324\,824\,217\,845\,668\,223\,899\,902\,955\,354\,226\,350\,\\
&\quad\quad 178\,056\,532\,238\,794\,752\,z^{13} + \\
&\quad 1\,198\,626\,552\,682\,572\,958\,069\,379\,471\,511\,898\,730\,324\,876\,218\,852\,047\,862\,826\,333\,931\,335\,470\,349\,075\,\\
&\quad\quad 878\,732\,159\,714\,156\,609\,536\,z^{14} - \\
&\quad 7\,595\,968\,215\,971\,592\,203\,265\,601\,784\,256\,398\,774\,249\,890\,769\,915\,893\,992\,697\,514\,342\,378\,677\,375\,208\,\\
&\quad\quad 574\,958\,619\,181\,316\,759\,879\,680\,z^{15} + \\
&\quad 33\,708\,773\,543\,618\,863\,199\,967\,157\,358\,026\,972\,267\,553\,714\,721\,962\,490\,467\,592\,106\,017\,144\,833\,132\,330\,\\
&\quad\quad 781\,205\,592\,218\,233\,058\,155\,823\,104\,z^{16} - \\
&\quad 221\,220\,843\,016\,430\,283\,397\,884\,776\,358\,475\,684\,092\,822\,988\,777\,113\,615\,532\,581\,097\,014\,803\,418\,163\,\\
&\quad\quad 410\,815\,508\,366\,573\,531\,866\,087\,414\,562\,816\,z^{17} - \\
&\quad 90\,463\,327\,641\,019\,983\,215\,526\,069\,706\,429\,742\,388\,783\,718\,133\,405\,979\,972\,500\,733\,886\,801\,394\,567\,334\,\\
&\quad\quad 261\,071\,232\,974\,877\,277\,185\,958\,106\,628\,096\,z^{18} + \\
&\quad 3\,440\,451\,642\,859\,175\,778\,514\,883\,394\,986\,984\,335\,118\,973\,887\,236\,141\,115\,822\,502\,909\,829\,456\,879\,922\,\\
&\quad\quad 942\,902\,233\,073\,919\,544\,211\,998\,085\,771\,432\,034\,304\,z^{19} - \\
&\quad 7\,116\,725\,007\,361\,908\,996\,336\,939\,911\,952\,304\,649\,304\,863\,794\,750\,627\,810\,628\,514\,352\,571\,431\,891\,799\,
\end{aligned}
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\begin{aligned}
&598\,086\,204\,269\,216\,098\,977\,843\,483\,295\,182\,978\,285\,568\, z^{20} + \\
&5\,097\,739\,721\,371\,809\,816\,401\,738\,487\,863\,786\,283\,910\,778\,763\,935\,123\,343\,082\,631\,943\,967\,649\,144\,336 \div \\
&\quad 773\,139\,677\,735\,207\,389\,225\,749\,692\,315\,790\,856\,526\,233\,600\, z^{21} + \\
&8\,108\,724\,080\,867\,048\,669\,113\,086\,552\,642\,715\,242\,127\,605\,803\,103\,857\,509\,748\,065\,411\,331\,685\,709\,792 \div \\
&\quad 218\,777\,597\,328\,064\,150\,940\,349\,175\,008\,925\,012\,285\,070\,508\,032\, z^{22} - \\
&5\,027\,136\,515\,092\,707\,149\,266\,071\,749\,244\,949\,304\,879\,792\,393\,511\,601\,114\,212\,602\,950\,525\,282\,030\,842 \div \\
&\quad 292\,359\,633\,214\,398\,296\,842\,661\,624\,892\,274\,350\,664\,911\,975\,088\,128\, z^{23} - \\
&10\,025\,073\,149\,622\,481\,000\,413\,525\,628\,729\,933\,500\,128\,179\,771\,564\,715\,447\,770\,669\,765\,469\,414\,304\,312 \div \\
&\quad 714\,897\,000\,256\,445\,304\,199\,934\,583\,713\,054\,406\,050\,597\,198\,591\,164\,416\, z^{24} + \\
&16\,505\,556\,236\,773\,562\,574\,988\,126\,964\,877\,551\,267\,637\,275\,890\,775\,796\,414\,750\,492\,526\,636\,123\,280\,498 \div \\
&\quad 602\,687\,518\,758\,751\,221\,261\,531\,983\,462\,197\,757\,810\,304\,583\,016\,271\,314\,944\, z^{25} - \\
&24\,509\,881\,446\,975\,820\,145\,227\,597\,056\,030\,788\,743\,865\,127\,178\,373\,121\,135\,799\,082\,143\,841\,516\,256\,930 \div \\
&\quad 080\,524\,251\,526\,115\,837\,100\,429\,999\,393\,957\,706\,123\,542\,378\,577\,358\,701\,461\,504\, z^{26} + \\
&18\,049\,810\,873\,838\,292\,488\,934\,056\,657\,157\,333\,526\,438\,103\,627\,523\,166\,418\,665\,370\,591\,990\,722\,025\,575 \div \\
&\quad 112\,895\,871\,370\,152\,966\,689\,896\,920\,324\,149\,299\,490\,560\,559\,996\,543\,901\,913\,579\,520\, z^{27} - \\
&6\,701\,172\,077\,185\,571\,332\,990\,989\,671\,153\,525\,671\,075\,742\,236\,026\,459\,376\,388\,413\,445\,449\,000\,166\,471 \div \\
&\quad 064\,389\,835\,916\,108\,000\,673\,145\,993\,748\,533\,706\,356\,421\,859\,292\,542\,529\,343\,139\,610\,624\, z^{28} + \\
&4\,495\,790\,911\,385\,739\,482\,106\,361\,375\,276\,979\,989\,431\,263\,427\,353\,033\,665\,006\,271\,013\,001\,851\,354\,872 \div \\
&\quad 841\,658\,532\,179\,824\,394\,533\,656\,482\,668\,625\,117\,379\,864\,508\,259\,178\,774\,770\,164\,751\,663\,104\, z^{29} - \\
&2\,559\,479\,173\,846\,127\,247\,910\,114\,076\,089\,702\,926\,920\,103\,970\,200\,317\,897\,831\,903\,189\,481\,465\,794\,392 \div \\
&\quad 374\,730\,769\,833\,494\,608\,605\,077\,156\,677\,035\,721\,025\,443\,599\,132\,491\,502\,420\,484\,321\,238\,319\,104\, z^{30} + \\
&1\,161\,433\,853\,598\,422\,122\,221\,755\,418\,957\,857\,269\,418\,361\,453\,450\,529\,843\,338\,272\,198\,718\,378\,703\,394 \div \\
&\quad 175\,285\,329\,347\,589\,236\,268\,759\,345\,988\,635\,540\,157\,487\,387\,292\,432\,426\,500\,535\,364\,768\,076\,136\,448 \\
&\quad z^{31} - \\
&846\,939\,596\,694\,830\,575\,143\,009\,621\,870\,582\,735\,394\,205\,116\,953\,198\,631\,752\,904\,119\,144\,686\,247\,154 \div \\
&\quad 392\,302\,860\,257\,782\,876\,241\,725\,978\,056\,043\,139\,653\,832\,999\,340\,684\,367\,737\,409\,923\,208\,558\,778\,777 \div \\
&\quad 600\, z^{32} + \\
&471\,155\,772\,957\,337\,886\,513\,158\,872\,512\,694\,256\,270\,963\,901\,046\,915\,449\,870\,218\,955\,130\,970\,261\,949 \div \\
&\quad 121\,180\,045\,251\,002\,447\,119\,210\,024\,335\,863\,997\,262\,164\,280\,917\,561\,711\,834\,096\,265\,643\,058\,021\,869 \div \\
&\quad 289\,472\, z^{33} - \\
&158\,167\,178\,983\,674\,974\,677\,586\,021\,896\,540\,322\,470\,571\,369\,737\,278\,031\,412\,513\,443\,837\,740\,077\,139 \div \\
&\quad 890\,150\,975\,262\,662\,685\,473\,464\,399\,818\,259\,403\,430\,154\,436\,092\,096\,040\,841\,348\,405\,848\,228\,649\,650 \div \\
&\quad 526\,093\,312\, z^{34} + \\
&35\,550\,119\,449\,017\,523\,949\,931\,567\,420\,174\,154\,977\,620\,894\,337\,417\,219\,376\,157\,835\,035\,259\,959\,648\,722 \div \\
&\quad 165\,607\,118\,531\,074\,511\,240\,891\,441\,887\,169\,822\,461\,074\,019\,235\,148\,091\,445\,794\,111\,179\,385\,543\,155 \div \\
&\quad 475\,546\,112\, z^{35} - \\
&4\,716\,520\,800\,566\,429\,194\,489\,893\,914\,325\,028\,578\,503\,703\,261\,928\,735\,299\,885\,915\,973\,183\,441\,071\,791 \div \\
&\quad 135\,769\,332\,662\,167\,467\,337\,452\,182\,415\,597\,227\,590\,147\,377\,370\,755\,430\,752\,733\,254\,921\,840\,405\,398 \div \\
&\quad 058\,075\,947\,008\, z^{36} - \\
&122\,771\,997\,840\,841\,121\,840\,389\,844\,827\,506\,921\,628\,357\,638\,196\,589\,848\,925\,264\,966\,462\,020\,675\,383 \div \\
&\quad 990\,554\,370\,637\,110\,071\,228\,808\,964\,301\,153\,378\,215\,567\,198\,461\,792\,671\,584\,853\,944\,254\,823\,460\,283 \div \\
&\quad 043\,344\,247\,947\,264\, z^{37} + \\
&154\,692\,399\,067\,881\,890\,520\,259\,971\,025\,843\,540\,189\,916\,017\,968\,775\,922\,306\,869\,780\,482\,323\,953\,304 \div \\
&\quad 088\,783\,960\,699\,481\,956\,499\,521\,494\,853\,808\,432\,073\,808\,342\,440\,813\,027\,837\,398\,456\,441\,958\,387\,905 \div \\
&\quad 577\,600\,926\,762\,401\,792\, z^{38} - \\
&7\,600\,294\,504\,344\,494\,171\,656\,896\,614\,223\,988\,406\,360\,859\,343\,049\,996\,918\,777\,944\,406\,295\,788\,852\,614 \div \\
&\quad 243\,940\,045\,066\,642\,679\,275\,732\,477\,261\,773\,471\,115\,718\,609\,147\,166\,196\,670\,109\,028\,203\,297\,001\,962 \div \\
&\quad 480\,561\,770\,555\,506\,688\, z^{39} - \\
&8\,756\,331\,281\,935\,346\,143\,644\,713\,954\,181\,301\,646\,155\,588\,874\,266\,053\,573\,262\,964\,401\,863\,376\,123\,266 \div \\
&\quad 431\,659\,127\,407\,818\,276\,305\,405\,639\,395\,331\,705\,072\,098\,856\,950\,824\,043\,844\,097\,428\,702\,325\,017\,379 \div \\
&\quad 551\,371\,751\,634\,782\,650\,368\, z^{40} +
\end{aligned}
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\begin{aligned}
&3\,185\,910\,080\,173\,521\,978\,448\,522\,042\,838\,812\,094\,473\,259\,796\,927\,183\,939\,861\,669\,539\,124\,225\,311\,863\,\backslash\\
&\quad 473\,918\,804\,880\,767\,384\,059\,387\,264\,666\,187\,727\,455\,167\,693\,150\,763\,738\,449\,464\,810\,251\,178\,129\,096\,\backslash\\
&\quad 717\,200\,017\,790\,480\,049\,766\,400\,z^{41} -\\
&589\,684\,627\,356\,865\,980\,267\,585\,945\,730\,992\,456\,913\,666\,912\,517\,948\,717\,584\,594\,208\,280\,781\,267\,679\,\backslash\\
&\quad 431\,902\,486\,311\,325\,134\,922\,794\,144\,180\,426\,502\,300\,449\,406\,293\,329\,488\,930\,674\,727\,346\,289\,396\,593\,\backslash\\
&\quad 700\,132\,744\,402\,244\,492\,475\,760\,640\,z^{42} +\\
&67\,745\,556\,895\,740\,940\,252\,947\,295\,123\,566\,336\,332\,814\,410\,903\,503\,832\,550\,345\,305\,840\,432\,633\,430\,221\,\backslash\\
&\quad 620\,492\,478\,341\,359\,213\,384\,206\,952\,164\,342\,085\,561\,502\,961\,207\,897\,383\,345\,712\,246\,378\,720\,995\,786\,\backslash\\
&\quad 933\,883\,752\,397\,679\,622\,933\,708\,800\,z^{43} -\\
&5\,083\,504\,924\,515\,221\,776\,402\,340\,396\,933\,625\,501\,941\,781\,374\,083\,551\,525\,294\,590\,480\,577\,980\,888\,445\,\backslash\\
&\quad 899\,665\,867\,204\,774\,420\,775\,482\,913\,277\,272\,695\,615\,892\,724\,653\,728\,507\,938\,036\,732\,782\,815\,717\,941\,\backslash\\
&\quad 467\,449\,906\,545\,043\,383\,846\,520\,750\,080\,z^{44} +\\
&198\,494\,228\,941\,094\,046\,191\,395\,792\,552\,015\,124\,393\,070\,071\,778\,272\,189\,938\,147\,135\,659\,743\,603\,743\,\backslash\\
&\quad 199\,730\,970\,179\,004\,209\,543\,252\,895\,796\,725\,327\,736\,826\,855\,807\,726\,108\,197\,271\,853\,260\,287\,818\,953\,\backslash\\
&\quad 046\,171\,627\,837\,865\,323\,517\,435\,455\,733\,760\,z^{45} -\\
&894\,826\,919\,555\,234\,980\,066\,145\,357\,370\,847\,587\,218\,387\,282\,146\,126\,291\,039\,822\,117\,480\,906\,303\,325\,\backslash\\
&\quad 054\,130\,446\,617\,919\,828\,590\,836\,321\,160\,725\,292\,187\,911\,292\,580\,639\,146\,464\,559\,283\,157\,306\,538\,907\,\backslash\\
&\quad 352\,492\,335\,167\,089\,451\,046\,388\,786\,790\,400\,z^{46} -\\
&1\,549\,887\,981\,170\,512\,230\,766\,181\,578\,104\,957\,890\,498\,302\,296\,818\,889\,951\,221\,412\,222\,974\,225\,460\,932\,\backslash\\
&\quad 373\,003\,068\,207\,118\,532\,191\,651\,788\,040\,749\,729\,748\,018\,801\,540\,548\,900\,699\,923\,604\,465\,071\,111\,486\,\backslash\\
&\quad 141\,626\,636\,316\,270\,055\,066\,334\,501\,273\,600\,z^{47} -\\
&8\,246\,217\,426\,187\,840\,864\,966\,354\,895\,786\,516\,010\,435\,787\,342\,776\,386\,777\,324\,286\,074\,502\,620\,606\,112\,\backslash\\
&\quad 241\,397\,794\,628\,594\,069\,333\,936\,280\,099\,220\,946\,073\,738\,305\,055\,893\,381\,723\,508\,738\,636\,685\,645\,769\,\backslash\\
&\quad 421\,880\,633\,115\,647\,000\,567\,395\,637\,002\,240\,000\,z^{48} +\\
&115\,538\,588\,240\,847\,267\,196\,173\,999\,800\,160\,379\,351\,094\,424\,191\,444\,321\,930\,222\,958\,610\,885\,920\,620\,\backslash\\
&\quad 858\,794\,722\,153\,729\,279\,618\,664\,079\,250\,500\,894\,950\,710\,677\,783\,763\,890\,559\,356\,554\,307\,924\,498\,193\,\backslash\\
&\quad 580\,621\,749\,262\,119\,688\,128\,604\,209\,382\,686\,720\,000\,z^{49} -\\
&6\,196\,950\,070\,863\,656\,596\,637\,876\,310\,094\,484\,285\,242\,370\,941\,378\,617\,969\,134\,713\,504\,007\,244\,851\,787\,\backslash\\
&\quad 972\,299\,743\,433\,164\,000\,825\,582\,663\,952\,752\,552\,740\,537\,654\,065\,996\,277\,846\,974\,434\,834\,793\,633\,574\,\backslash\\
&\quad 675\,464\,865\,084\,026\,057\,655\,502\,239\,694\,848\,000\,000\,z^{50} +\\
&228\,535\,320\,285\,476\,720\,016\,500\,347\,681\,743\,163\,776\,973\,392\,986\,463\,006\,642\,658\,580\,226\,722\,021\,280\,\backslash\\
&\quad 172\,835\,372\,340\,074\,671\,312\,502\,570\,553\,272\,948\,248\,641\,590\,809\,002\,780\,291\,484\,773\,556\,062\,581\,620\,\backslash\\
&\quad 713\,333\,791\,804\,426\,406\,426\,418\,656\,816\,660\,480\,000\,000\,z^{51} -\\
&934\,965\,857\,071\,972\,609\,958\,060\,024\,294\,577\,267\,171\,178\,408\,830\,488\,748\,752\,157\,494\,103\,549\,266\,496\,\backslash\\
&\quad 104\,058\,919\,063\,408\,209\,559\,201\,064\,377\,869\,055\,682\,674\,622\,940\,503\,815\,225\,836\,106\,276\,123\,850\,808\,\backslash\\
&\quad 295\,781\,461\,064\,546\,277\,075\,293\,275\,422\,720\,000\,000\,000\,z^{52} +\\
&452\,640\,344\,768\,924\,218\,194\,316\,309\,521\,478\,514\,037\,108\,564\,578\,508\,650\,372\,463\,776\,450\,521\,192\,161\,\backslash\\
&\quad 705\,884\,607\,071\,328\,309\,687\,849\,994\,259\,932\,126\,013\,959\,641\,921\,923\,277\,342\,983\,398\,362\,470\,587\,632\,\backslash\\
&\quad 492\,950\,701\,832\,265\,207\,614\,035\,824\,161\,587\,200\,000\,000\,000\,z^{53} -\\
&3\,252\,286\,241\,634\,546\,630\,725\,619\,867\,345\,701\,351\,204\,015\,507\,811\,084\,433\,229\,309\,708\,524\,275\,118\,995\,\backslash\\
&\quad 055\,948\,490\,599\,863\,838\,695\,213\,750\,860\,827\,566\,124\,843\,327\,956\,695\,107\,663\,691\,843\,397\,174\,497\,839\,\backslash\\
&\quad 052\,156\,855\,748\,683\,890\,445\,388\,034\,867\,200\,000\,000\,000\,000\,z^{54} -\\
&12\,594\,991\,292\,813\,861\,646\,796\,696\,438\,138\,774\,310\,445\,007\,528\,667\,640\,724\,437\,032\,279\,299\,948\,227\,959\,\backslash\\
&\quad 032\,084\,013\,614\,180\,304\,219\,714\,654\,792\,716\,519\,713\,185\,104\,091\,164\,731\,379\,503\,299\,793\,873\,452\,877\,\backslash\\
&\quad 659\,304\,724\,438\,279\,127\,349\,036\,318\,720\,000\,000\,000\,000\,000\,z^{55}\Big)\,\theta_z^{14} +\\
&\Big(-4\,578\,394\,448\,518\,370\,684\,568\,000 + 2\,183\,003\,505\,009\,860\,779\,070\,524\,758\,834\,900\,z -\\
&\quad 12\,299\,228\,223\,864\,629\,381\,547\,500\,318\,015\,075\,288\,400\,z^2 +\\
&\quad 11\,441\,743\,276\,926\,664\,207\,528\,218\,303\,435\,451\,055\,210\,442\,840\,z^3 +\\
&\quad 4\,837\,158\,006\,835\,638\,576\,856\,543\,463\,266\,493\,953\,445\,557\,200\,812\,160\,z^4 -\\
&\quad 2\,532\,438\,950\,872\,345\,394\,815\,732\,030\,178\,518\,583\,816\,335\,356\,977\,570\,977\,920\,z^5 +\\
&\quad 50\,302\,607\,387\,172\,588\,968\,562\,289\,550\,349\,681\,931\,352\,505\,641\,239\,949\,546\,944\,512\,z^6 +
\end{aligned}
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\begin{aligned}
&67\,964\,642\,818\,129\,747\,250\,973\,836\,767\,901\,432\,509\,110\,223\,159\,735\,143\,911\,753\,279\,520\,768\,z^7 - \\
&408\,994\,338\,886\,349\,738\,435\,882\,177\,280\,981\,539\,179\,045\,183\,335\,031\,439\,397\,177\,004\,732\,710\,912\,z^8 + \\
&29\,128\,904\,517\,155\,941\,461\,659\,345\,977\,578\,719\,506\,976\,249\,791\,317\,164\,170\,651\,122\,382\,562\,943\,565\,824\,z^9 + \\
&654\,525\,454\,983\,283\,507\,406\,937\,681\,074\,616\,453\,090\,497\,231\,390\,344\,292\,322\,699\,578\,204\,887\,030\,488 \\
&\quad 367\,104\,z^{10} + \\
&13\,830\,509\,363\,875\,168\,919\,955\,920\,463\,640\,872\,360\,300\,388\,589\,165\,165\,857\,177\,894\,789\,816\,602\,536\,943 \\
&\quad 613\,378\,560\,z^{11} - \\
&410\,895\,337\,734\,058\,908\,714\,184\,521\,357\,442\,709\,001\,516\,936\,220\,681\,612\,698\,220\,719\,597\,879\,921\,258 \\
&\quad 620\,220\,201\,762\,816\,z^{12} - \\
&841\,832\,689\,608\,451\,689\,039\,226\,425\,643\,702\,218\,077\,645\,821\,687\,790\,584\,684\,905\,278\,330\,120\,451\,751 \\
&\quad 089\,728\,939\,379\,130\,368\,z^{13} - \\
&8\,986\,304\,156\,071\,285\,997\,561\,413\,371\,295\,466\,514\,845\,624\,131\,423\,926\,630\,186\,195\,647\,162\,581\,082\,591 \\
&\quad 049\,578\,904\,715\,001\,856\,000\,z^{14} - \\
&5\,150\,351\,154\,919\,838\,140\,938\,423\,865\,235\,884\,737\,184\,722\,283\,282\,450\,361\,424\,257\,726\,662\,526\,482\,741 \\
&\quad 006\,009\,539\,430\,852\,375\,609\,344\,z^{15} - \\
&318\,104\,482\,931\,359\,979\,405\,573\,561\,741\,317\,474\,494\,194\,092\,090\,375\,173\,047\,129\,849\,867\,906\,883\,751 \\
&\quad 046\,814\,750\,019\,153\,708\,018\,953\,093\,120\,z^{16} + \\
&188\,176\,456\,083\,165\,767\,390\,141\,048\,173\,879\,112\,028\,435\,269\,065\,805\,691\,020\,944\,728\,494\,177\,937\,380 \\
&\quad 797\,825\,193\,633\,043\,890\,042\,499\,867\,082\,752\,z^{17} + \\
&9\,139\,898\,981\,607\,485\,072\,924\,892\,745\,540\,545\,218\,007\,489\,069\,637\,002\,112\,766\,262\,956\,533\,219\,249\,168 \\
&\quad 662\,806\,998\,622\,748\,472\,404\,307\,389\,683\,073\,024\,z^{18} - \\
&20\,329\,858\,377\,097\,817\,822\,879\,125\,818\,769\,273\,420\,549\,265\,053\,324\,489\,990\,651\,691\,207\,375\,727\,233\,388 \\
&\quad 149\,587\,978\,776\,029\,741\,669\,409\,093\,183\,281\,823\,744\,z^{19} - \\
&7\,232\,168\,497\,483\,308\,937\,681\,330\,791\,211\,600\,747\,797\,619\,236\,968\,980\,533\,181\,937\,668\,565\,241\,048\,279 \\
&\quad 817\,056\,210\,289\,751\,066\,007\,067\,789\,199\,741\,357\,654\,016\,z^{20} + \\
&77\,181\,558\,462\,220\,968\,204\,141\,212\,157\,993\,788\,665\,566\,596\,439\,587\,053\,005\,031\,888\,597\,338\,766\,163\,207 \\
&\quad 678\,636\,648\,790\,042\,418\,407\,670\,744\,049\,347\,166\,730\,190\,848\,z^{21} - \\
&100\,872\,154\,324\,021\,020\,705\,464\,618\,896\,467\,183\,258\,502\,796\,136\,639\,940\,728\,821\,103\,527\,740\,235\,855 \\
&\quad 716\,743\,080\,929\,352\,377\,888\,164\,115\,619\,132\,501\,823\,018\,680\,451\,072\,z^{22} - \\
&103\,620\,807\,767\,138\,869\,595\,388\,981\,408\,510\,977\,460\,847\,845\,474\,322\,381\,104\,545\,623\,015\,774\,965\,648 \\
&\quad 357\,418\,864\,779\,723\,332\,590\,484\,252\,284\,588\,568\,432\,322\,651\,761\,934\,336\,z^{23} + \\
&139\,334\,777\,563\,328\,875\,072\,396\,638\,958\,626\,578\,379\,826\,100\,287\,459\,183\,823\,112\,429\,282\,217\,380\,386 \\
&\quad 705\,372\,755\,918\,116\,539\,968\,152\,049\,564\,343\,824\,952\,381\,656\,621\,557\,743\,616\,z^{24} - \\
&50\,141\,889\,528\,951\,038\,752\,231\,763\,641\,663\,569\,290\,684\,140\,947\,874\,557\,443\,661\,118\,473\,657\,684\,592\,277 \\
&\quad 871\,928\,527\,882\,851\,607\,917\,016\,379\,703\,893\,782\,229\,825\,507\,234\,532\,032\,512\,z^{25} + \\
&85\,613\,140\,374\,487\,415\,736\,461\,751\,842\,671\,884\,154\,048\,331\,563\,872\,875\,760\,648\,592\,406\,461\,890\,651\,788 \\
&\quad 668\,220\,178\,309\,528\,175\,677\,907\,367\,101\,141\,705\,081\,615\,549\,601\,779\,267\,141\,632\,z^{26} + \\
&73\,540\,546\,066\,693\,483\,094\,906\,885\,500\,756\,420\,206\,791\,653\,491\,833\,814\,636\,720\,022\,120\,626\,090\,690\,773 \\
&\quad 102\,294\,468\,069\,818\,317\,306\,682\,303\,232\,502\,991\,193\,826\,617\,871\,629\,370\,135\,674\,880\,z^{27} - \\
&80\,885\,894\,232\,163\,952\,500\,217\,884\,012\,564\,210\,847\,825\,627\,003\,141\,822\,337\,485\,340\,055\,322\,988\,622\,353 \\
&\quad 243\,394\,564\,948\,427\,344\,593\,327\,950\,113\,632\,367\,180\,970\,498\,036\,838\,434\,827\,168\,382\,976\,z^{28} - \\
&13\,800\,127\,449\,068\,811\,385\,977\,397\,298\,215\,152\,611\,986\,039\,519\,537\,397\,356\,287\,576\,768\,437\,185\,954\,170 \\
&\quad 736\,487\,825\,674\,250\,644\,364\,705\,158\,444\,086\,320\,523\,638\,649\,395\,186\,326\,611\,585\,939\,800\,064\,z^{29} - \\
&10\,542\,279\,483\,606\,956\,524\,136\,613\,365\,862\,034\,000\,071\,834\,813\,186\,077\,014\,445\,513\,075\,999\,782\,548\,521 \\
&\quad 144\,296\,098\,034\,734\,724\,171\,012\,240\,631\,456\,435\,054\,343\,927\,432\,279\,755\,900\,239\,233\,467\,547\,648\,z^{30} + \\
&3\,232\,526\,263\,583\,338\,082\,541\,492\,848\,928\,393\,062\,722\,150\,281\,444\,925\,515\,817\,692\,352\,376\,692\,676\,893 \\
&\quad 415\,198\,565\,383\,754\,122\,698\,088\,292\,207\,510\,330\,561\,773\,911\,134\,253\,695\,149\,461\,629\,591\,336\,517\,632\,z^{31} + \\
&4\,096\,668\,144\,847\,748\,418\,437\,336\,573\,208\,029\,949\,821\,852\,829\,039\,286\,317\,980\,864\,708\,174\,709\,604\,145 \\
&\quad 973\,004\,672\,407\,240\,171\,601\,887\,491\,034\,367\,176\,241\,253\,841\,806\,923\,675\,567\,062\,475\,490\,838\,158\,770 \\
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&176\, z^{32} + \\
&552\,133\,770\,609\,325\,902\,184\,509\,953\,528\,357\,217\,688\,445\,779\,320\,859\,175\,684\,934\,024\,109\,542\,770\,363 \\
&\quad 856\,937\,574\,458\,484\,764\,957\,273\,938\,069\,123\,266\,173\,692\,267\,784\,692\,305\,227\,994\,590\,629\,022\,762\,379 \\
&\quad 771\,904\, z^{33} - \\
&1\,188\,842\,322\,011\,981\,038\,410\,467\,651\,009\,015\,417\,942\,724\,363\,557\,309\,330\,481\,776\,287\,027\,897\,939\,162 \\
&\quad 583\,232\,362\,325\,491\,765\,063\,738\,050\,224\,405\,282\,543\,821\,478\,240\,945\,617\,522\,900\,795\,771\,518\,613\,638 \\
&\quad 172\,639\,232\, z^{34} + \\
&421\,588\,880\,552\,683\,740\,451\,038\,552\,085\,669\,228\,553\,752\,551\,669\,386\,591\,056\,848\,598\,776\,937\,364\,132 \\
&\quad 760\,007\,051\,570\,834\,477\,828\,524\,020\,591\,395\,084\,011\,785\,640\,685\,326\,750\,121\,659\,975\,906\,405\,910\,166 \\
&\quad 708\,819\,066\,880\, z^{35} - \\
&112\,224\,205\,553\,574\,895\,392\,086\,402\,140\,928\,935\,815\,361\,381\,669\,136\,171\,018\,768\,105\,580\,986\,884\,720 \\
&\quad 600\,936\,658\,347\,996\,774\,678\,748\,090\,264\,431\,250\,206\,069\,111\,163\,198\,021\,683\,669\,190\,473\,813\,796\,250 \\
&\quad 543\,058\,619\,203\,584\, z^{36} + \\
&16\,318\,109\,378\,852\,576\,458\,974\,788\,056\,925\,007\,155\,633\,262\,675\,241\,220\,683\,830\,194\,779\,923\,863\,825\,318 \\
&\quad 162\,240\,082\,529\,007\,038\,139\,754\,712\,637\,356\,884\,952\,040\,135\,508\,284\,510\,313\,559\,203\,779\,026\,753\,185 \\
&\quad 266\,023\,029\,276\,672\, z^{37} + \\
&1\,152\,772\,109\,975\,537\,535\,248\,233\,761\,475\,184\,844\,680\,239\,306\,922\,607\,475\,288\,215\,850\,569\,808\,903\,916 \\
&\quad 188\,191\,940\,362\,492\,657\,280\,455\,328\,863\,252\,421\,254\,133\,898\,599\,185\,932\,364\,308\,409\,277\,394\,256\,094 \\
&\quad 541\,030\,642\,977\,603\,584\, z^{38} - \\
&738\,499\,302\,897\,971\,284\,987\,252\,386\,161\,290\,992\,606\,486\,969\,202\,746\,711\,701\,854\,963\,610\,797\,205\,163 \\
&\quad 924\,684\,053\,978\,531\,787\,004\,001\,789\,769\,453\,312\,792\,700\,987\,690\,615\,044\,870\,032\,271\,243\,831\,541\,750 \\
&\quad 813\,709\,519\,183\,161\,589\,760\, z^{39} + \\
&104\,077\,026\,984\,424\,878\,043\,772\,439\,638\,131\,286\,098\,624\,003\,835\,239\,222\,498\,032\,735\,592\,427\,183\,165 \\
&\quad 610\,954\,990\,384\,125\,589\,277\,754\,000\,690\,617\,101\,567\,280\,394\,317\,135\,365\,798\,792\,107\,124\,996\,926\,293 \\
&\quad 351\,365\,927\,507\,725\,150\,846\,976\, z^{40} + \\
&6\,458\,596\,026\,284\,435\,813\,670\,204\,821\,767\,374\,024\,622\,092\,886\,284\,478\,051\,520\,997\,309\,933\,380\,139\,785 \\
&\quad 402\,528\,252\,560\,856\,505\,353\,076\,143\,234\,529\,974\,273\,781\,397\,891\,375\,410\,245\,586\,166\,100\,566\,700\,449 \\
&\quad 649\,597\,351\,038\,766\,693\,744\,640\, z^{41} - \\
&5\,567\,979\,746\,230\,833\,916\,543\,078\,173\,036\,113\,326\,704\,357\,957\,280\,725\,806\,883\,291\,995\,098\,415\,405\,592 \\
&\quad 812\,095\,040\,368\,012\,373\,979\,949\,329\,156\,561\,305\,868\,165\,541\,540\,386\,853\,730\,022\,718\,946\,477\,943\,546 \\
&\quad 018\,899\,679\,575\,899\,324\,242\,984\,960\, z^{42} + \\
&971\,694\,791\,289\,988\,583\,632\,186\,215\,568\,004\,342\,671\,336\,444\,898\,507\,621\,815\,759\,960\,450\,847\,049\,829 \\
&\quad 084\,200\,267\,990\,802\,739\,836\,783\,450\,943\,703\,379\,585\,490\,295\,010\,472\,776\,037\,161\,892\,246\,154\,251\,202 \\
&\quad 559\,629\,960\,932\,278\,324\,670\,056\,366\,080\, z^{43} - \\
&101\,440\,098\,745\,463\,963\,275\,947\,167\,884\,952\,238\,826\,680\,736\,113\,351\,149\,953\,832\,677\,498\,761\,324\,178 \\
&\quad 105\,255\,575\,054\,207\,118\,720\,703\,552\,731\,510\,614\,269\,810\,094\,899\,663\,174\,877\,037\,624\,944\,755\,209\,697 \\
&\quad 748\,172\,090\,873\,521\,856\,143\,424\,864\,911\,360\, z^{44} + \\
&5\,916\,701\,126\,424\,354\,922\,591\,389\,203\,124\,818\,954\,615\,809\,080\,873\,919\,692\,713\,877\,570\,444\,021\,689\,077 \\
&\quad 209\,472\,517\,275\,445\,899\,192\,962\,478\,281\,364\,059\,500\,084\,087\,982\,257\,261\,708\,370\,648\,779\,379\,225\,795 \\
&\quad 626\,610\,602\,964\,670\,427\,517\,993\,804\,103\,680\, z^{45} - \\
&72\,180\,075\,340\,306\,880\,113\,572\,089\,950\,759\,953\,079\,916\,305\,194\,058\,512\,150\,735\,602\,257\,641\,129\,744\,241 \\
&\quad 521\,189\,779\,211\,908\,858\,501\,542\,638\,087\,613\,480\,083\,591\,675\,699\,847\,530\,126\,018\,644\,901\,718\,342\,793 \\
&\quad 364\,633\,733\,924\,659\,881\,655\,407\,109\,734\,400\, z^{46} - \\
&2\,877\,983\,343\,852\,137\,973\,590\,052\,302\,772\,256\,102\,550\,241\,532\,731\,813\,443\,037\,124\,766\,746\,430\,595\,612 \\
&\quad 956\,957\,849\,581\,814\,243\,294\,789\,214\,973\,581\,512\,826\,612\,768\,284\,024\,523\,571\,513\,343\,257\,509\,068\,567 \\
&\quad 122\,308\,130\,490\,570\,375\,295\,614\,108\,408\,217\,600\, z^{47} - \\
&191\,518\,540\,965\,439\,448\,428\,485\,498\,461\,559\,328\,390\,935\,465\,450\,259\,963\,724\,719\,063\,045\,522\,096\,463 \\
&\quad 153\,304\,883\,355\,209\,995\,775\,125\,081\,356\,337\,173\,859\,598\,243\,935\,660\,814\,982\,928\,810\,181\,163\,542\,798 \\
&\quad 137\,177\,091\,923\,893\,720\,271\,921\,206\,085\,550\,080\,000\, z^{48} + \\
&2\,845\,164\,432\,975\,868\,002\,866\,314\,511\,933\,885\,282\,701\,845\,569\,629\,686\,036\,548\,689\,298\,660\,604\,403\,071 \\
&\quad 588\,793\,210\,340\,629\,039\,084\,117\,884\,067\,534\,235\,374\,458\,350\,152\,504\,910\,530\,504\,814\,464\,980\,667\,612 \\
&\quad
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&175\,845\,686\,064\,256\,275\,919\,610\,340\,001\,710\,080\,000\,z^{49} - \\
&59\,338\,267\,564\,297\,612\,960\,725\,874\,286\,451\,562\,932\,656\,287\,285\,947\,745\,502\,848\,027\,398\,460\,376\,348\,670\,\backslash\\
&\quad 646\,991\,181\,198\,192\,408\,664\,125\,030\,250\,095\,140\,678\,714\,473\,268\,863\,705\,123\,724\,798\,908\,279\,108\,524\,\backslash\\
&\quad 232\,009\,018\,536\,837\,919\,332\,974\,192\,492\,544\,000\,000\,z^{50} + \\
&7\,492\,750\,773\,444\,164\,003\,098\,387\,764\,420\,265\,244\,505\,428\,471\,859\,417\,477\,481\,796\,397\,735\,176\,903\,854\,\backslash\\
&\quad 331\,903\,862\,274\,343\,020\,367\,102\,044\,634\,823\,128\,358\,618\,649\,748\,072\,499\,684\,083\,044\,388\,542\,825\,034\,\backslash\\
&\quad 910\,376\,525\,305\,766\,986\,014\,651\,810\,851\,061\,760\,000\,000\,z^{51} + \\
&114\,983\,093\,353\,923\,065\,037\,046\,471\,395\,407\,800\,787\,989\,249\,784\,342\,824\,629\,392\,187\,387\,391\,362\,842\,\backslash\\
&\quad 321\,150\,586\,848\,445\,200\,178\,380\,662\,293\,660\,830\,770\,757\,703\,939\,331\,986\,728\,076\,923\,298\,603\,099\,893\,\backslash\\
&\quad 600\,031\,168\,238\,974\,155\,392\,310\,571\,832\,442\,880\,000\,000\,000\,z^{52} + \\
&8\,817\,536\,088\,764\,623\,787\,858\,477\,220\,988\,019\,118\,007\,878\,702\,703\,285\,871\,233\,762\,925\,611\,141\,909\,483\,\backslash\\
&\quad 648\,904\,078\,479\,892\,279\,004\,441\,962\,356\,522\,696\,520\,033\,710\,830\,890\,307\,511\,885\,509\,773\,590\,245\,948\,\backslash\\
&\quad 322\,283\,509\,167\,306\,995\,997\,433\,871\,204\,352\,000\,000\,000\,000\,z^{53} - \\
&131\,315\,188\,582\,453\,658\,429\,533\,604\,976\,767\,491\,924\,735\,631\,458\,285\,505\,750\,695\,784\,409\,063\,354\,741\,\backslash\\
&\quad 475\,386\,715\,132\,498\,405\,664\,967\,774\,275\,342\,863\,861\,756\,811\,905\,896\,484\,966\,332\,947\,053\,875\,486\,287\,\backslash\\
&\quad 418\,138\,164\,897\,606\,559\,510\,212\,016\,655\,564\,800\,000\,000\,000\,000\,z^{54} - \\
&415\,634\,712\,662\,857\,434\,344\,290\,982\,458\,579\,552\,244\,685\,248\,446\,032\,143\,906\,422\,065\,216\,898\,291\,522\,\backslash\\
&\quad 648\,058\,772\,449\,267\,950\,039\,250\,583\,608\,159\,645\,150\,535\,108\,435\,008\,436\,135\,523\,608\,893\,197\,823\,944\,\backslash\\
&\quad 962\,757\,055\,906\,463\,211\,202\,518\,198\,517\,760\,000\,000\,000\,000\,000\,z^{55}\Big)\,\theta_z^{13} + \\
&\Big(15\,690\,539\,307\,943\,166\,200\,238\,250 - 8\,246\,955\,605\,665\,105\,624\,941\,795\,711\,774\,375\,z + \\
&50\,713\,598\,638\,527\,586\,504\,069\,152\,077\,117\,378\,155\,350\,z^2 - \\
&52\,656\,764\,775\,862\,168\,572\,579\,853\,342\,577\,996\,646\,812\,030\,550\,z^3 - \\
&23\,730\,446\,561\,654\,768\,397\,680\,288\,541\,262\,621\,009\,749\,429\,605\,818\,680\,z^4 + \\
&13\,570\,692\,706\,661\,151\,780\,940\,953\,418\,629\,077\,404\,002\,168\,191\,068\,338\,324\,960\,z^5 - \\
&177\,402\,737\,327\,638\,358\,326\,349\,400\,361\,644\,998\,153\,837\,671\,971\,177\,736\,856\,072\,448\,z^6 - \\
&430\,209\,178\,213\,889\,103\,113\,068\,985\,254\,522\,900\,782\,446\,368\,269\,838\,046\,811\,952\,959\,098\,880\,z^7 - \\
&1\,179\,051\,063\,252\,553\,824\,046\,490\,887\,843\,232\,661\,046\,937\,242\,087\,569\,709\,552\,000\,618\,300\,637\,184\,z^8 - \\
&300\,184\,831\,817\,508\,939\,644\,940\,445\,420\,197\,036\,481\,000\,673\,512\,170\,244\,571\,142\,281\,406\,451\,889\,995\,776\\
&\quad z^9 - \\
&7\,485\,971\,572\,744\,337\,513\,671\,696\,221\,155\,928\,266\,074\,055\,116\,888\,777\,977\,143\,023\,476\,514\,027\,811\,459\,\backslash\\
&\quad 039\,232\,z^{10} - \\
&226\,279\,595\,262\,087\,898\,747\,175\,925\,521\,414\,146\,328\,409\,042\,479\,202\,550\,591\,954\,867\,575\,491\,753\,446\,\backslash\\
&\quad 108\,236\,349\,440\,z^{11} + \\
&479\,021\,820\,316\,621\,291\,020\,306\,507\,712\,023\,130\,915\,397\,283\,579\,584\,908\,117\,668\,025\,508\,167\,368\,803\,\backslash\\
&\quad 314\,310\,659\,964\,928\,z^{12} - \\
&3\,219\,194\,159\,470\,817\,017\,968\,521\,012\,592\,877\,326\,264\,130\,588\,512\,332\,071\,476\,033\,406\,240\,744\,207\,864\,\backslash\\
&\quad 800\,011\,167\,834\,570\,752\,z^{13} + \\
&57\,296\,387\,309\,224\,024\,541\,245\,563\,475\,715\,398\,811\,073\,396\,776\,625\,950\,564\,532\,510\,822\,523\,325\,344\,280\,\backslash\\
&\quad 432\,372\,497\,198\,161\,592\,320\,z^{14} - \\
&82\,866\,107\,241\,269\,985\,792\,770\,786\,318\,440\,775\,324\,177\,009\,374\,797\,031\,815\,482\,754\,040\,250\,300\,215\,146\,\backslash\\
&\quad 846\,356\,410\,981\,855\,096\,995\,840\,z^{15} + \\
&2\,370\,038\,720\,564\,364\,040\,087\,377\,595\,945\,995\,728\,851\,934\,439\,288\,566\,147\,852\,460\,810\,511\,067\,350\,291\,\backslash\\
&\quad 286\,400\,791\,926\,138\,943\,962\,154\,532\,864\,z^{16} + \\
&4\,223\,520\,186\,566\,995\,658\,634\,403\,891\,652\,388\,889\,952\,302\,152\,991\,616\,400\,983\,856\,128\,246\,230\,465\,479\,\backslash\\
&\quad 642\,028\,674\,730\,378\,253\,446\,193\,010\,966\,528\,z^{17} - \\
&36\,350\,708\,760\,791\,786\,917\,929\,156\,219\,661\,569\,477\,886\,796\,819\,508\,920\,174\,554\,241\,249\,542\,735\,854\,183\,\backslash\\
&\quad 490\,632\,814\,522\,940\,497\,407\,401\,582\,156\,316\,672\,z^{18} - \\
&14\,725\,576\,496\,974\,969\,134\,804\,721\,122\,838\,947\,456\,394\,353\,464\,830\,929\,547\,083\,427\,320\,387\,938\,320\,144\,\backslash\\
&\quad 101\,911\,523\,637\,824\,571\,969\,583\,627\,101\,053\,911\,040\,z^{19} + \\
&17\,962\,543\,054\,230\,900\,816\,746\,140\,749\,208\,442\,449\,316\,545\,652\,164\,339\,027\,074\,227\,416\,916\,270\,427\,471\,\backslash\\
&\quad 809\,871\,949\,654\,579\,920\,754\,724\,603\,144\,748\,826\,361\,856\,z^{20} -
\end{aligned}
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$$25\,506\,547\,784\,730\,709\,984\,661\,178\,961\,463\,375\,173\,137\,649\,792\,392\,941\,643\,048\,317\,421\,195\,138\,999\,908 \cdot 481\,318\,536\,183\,448\,643\,388\,674\,173\,382\,108\,787\,830\,161\,408\, z^{21} -$$
$$506\,021\,745\,216\,824\,478\,372\,630\,817\,607\,902\,794\,333\,785\,446\,629\,748\,806\,239\,838\,860\,430\,248\,365\,234 \cdot 328\,342\,554\,910\,044\,273\,476\,879\,523\,255\,549\,979\,725\,401\,170\,116\,608\, z^{22} +$$
$$531\,094\,184\,115\,726\,243\,656\,812\,609\,059\,593\,786\,642\,075\,864\,612\,040\,956\,907\,125\,749\,027\,254\,532\,224 \cdot 159\,334\,715\,159\,848\,620\,106\,653\,887\,105\,234\,435\,755\,626\,124\,567\,117\,824\, z^{23} +$$
$$359\,614\,711\,061\,834\,769\,276\,431\,641\,669\,156\,378\,604\,110\,693\,623\,513\,960\,635\,714\,570\,363\,792\,141\,726 \cdot 038\,065\,356\,460\,393\,777\,779\,240\,445\,122\,334\,047\,837\,818\,888\,196\,928\,307\,200\, z^{24} +$$
$$123\,243\,350\,432\,210\,984\,171\,600\,045\,555\,986\,856\,681\,016\,518\,393\,007\,200\,980\,275\,506\,283\,055\,839\,671 \cdot 461\,018\,442\,139\,287\,177\,296\,608\,494\,924\,432\,588\,381\,069\,553\,613\,687\,763\,238\,912\, z^{25} -$$
$$338\,446\,517\,131\,912\,475\,099\,458\,643\,027\,042\,792\,836\,549\,361\,354\,441\,688\,782\,412\,882\,386\,666\,195\,630 \cdot 295\,857\,972\,770\,457\,308\,898\,995\,945\,479\,526\,700\,914\,121\,258\,998\,559\,840\,460\,079\,104\, z^{26} -$$
$$214\,986\,591\,497\,243\,542\,323\,671\,258\,379\,668\,249\,338\,596\,608\,482\,386\,296\,684\,902\,341\,423\,134\,149\,761 \cdot 687\,520\,268\,701\,276\,437\,483\,901\,272\,100\,803\,916\,935\,518\,001\,679\,331\,150\,529\,954\,840\,576\, z^{27} -$$
$$526\,922\,828\,398\,923\,135\,232\,289\,484\,362\,833\,521\,751\,432\,743\,408\,870\,331\,757\,689\,879\,828\,836\,497\,177 \cdot 531\,718\,754\,684\,857\,154\,821\,936\,930\,100\,308\,645\,585\,447\,507\,496\,682\,620\,743\,924\,672\,626\,688\, z^{28} +$$
$$418\,947\,198\,077\,988\,681\,490\,547\,755\,481\,164\,320\,038\,959\,330\,144\,014\,828\,265\,564\,875\,667\,017\,355\,243 \cdot 057\,938\,205\,262\,259\,262\,351\,493\,537\,973\,440\,913\,112\,042\,905\,830\,034\,208\,422\,409\,422\,728\,331\,264\, z^{29} +$$
$$77\,738\,103\,228\,840\,065\,329\,922\,541\,166\,147\,171\,375\,553\,291\,651\,572\,842\,459\,807\,908\,337\,615\,882\,823\,313 \cdot 112\,979\,127\,817\,873\,931\,064\,951\,567\,699\,357\,140\,618\,869\,481\,167\,877\,313\,826\,624\,358\,676\,692\,992\, z^{30} +$$
$$114\,714\,325\,070\,121\,671\,281\,191\,693\,650\,867\,968\,185\,606\,664\,375\,473\,306\,185\,777\,234\,938\,591\,125\,518 \cdot 193\,080\,557\,754\,278\,871\,146\,468\,688\,550\,449\,893\,828\,183\,065\,045\,491\,792\,515\,043\,751\,934\,706\,552\,143 \cdot 872\, z^{31} -$$
$$37\,439\,388\,658\,488\,665\,079\,056\,461\,486\,202\,262\,652\,427\,014\,668\,502\,597\,331\,148\,266\,648\,379\,757\,861\,807 \cdot 256\,788\,485\,327\,914\,943\,972\,500\,628\,544\,380\,222\,929\,517\,581\,633\,151\,593\,326\,944\,541\,110\,853\,089\,361 \cdot 920\, z^{32} -$$
$$5\,676\,905\,077\,905\,693\,883\,372\,534\,532\,877\,122\,537\,276\,634\,101\,138\,402\,805\,132\,156\,668\,562\,798\,199\,953 \cdot 584\,380\,187\,635\,240\,336\,339\,244\,317\,337\,494\,044\,014\,706\,436\,503\,838\,111\,853\,154\,645\,730\,881\,034\,858 \cdot 266\,624\, z^{33} -$$
$$6\,059\,966\,254\,536\,252\,222\,780\,899\,089\,218\,733\,322\,761\,370\,622\,192\,572\,446\,734\,910\,853\,604\,136\,072\,563 \cdot 504\,369\,771\,079\,260\,281\,170\,425\,603\,883\,307\,011\,162\,120\,393\,379\,232\,994\,460\,172\,795\,928\,139\,403\,099 \cdot 170\,144\,256\, z^{34} +$$
$$2\,801\,659\,894\,281\,041\,577\,193\,994\,163\,211\,065\,930\,249\,138\,715\,087\,872\,836\,950\,569\,976\,450\,291\,170\,810 \cdot 769\,889\,042\,111\,313\,204\,034\,433\,420\,113\,033\,869\,024\,194\,350\,223\,325\,686\,386\,529\,591\,409\,656\,213\,405 \cdot 585\,337\,483\,264\, z^{35} -$$
$$587\,248\,345\,966\,101\,045\,377\,217\,357\,048\,982\,378\,400\,743\,630\,154\,987\,368\,814\,341\,849\,129\,131\,483\,130 \cdot 967\,513\,630\,230\,697\,782\,895\,642\,790\,742\,762\,209\,394\,602\,504\,229\,814\,954\,347\,162\,246\,637\,059\,688\,887 \cdot 232\,597\,638\,250\,496\, z^{36} +$$
$$178\,937\,052\,416\,983\,007\,421\,500\,341\,162\,457\,800\,388\,753\,001\,936\,241\,206\,991\,125\,256\,350\,409\,125\,755 \cdot 252\,655\,448\,619\,314\,899\,234\,490\,114\,525\,014\,633\,857\,993\,418\,670\,336\,069\,346\,748\,173\,028\,957\,567\,222 \cdot 300\,473\,795\,782\,115\,328\, z^{37} -$$
$$15\,549\,703\,013\,345\,022\,919\,209\,212\,866\,572\,520\,151\,310\,385\,405\,010\,505\,543\,856\,170\,726\,300\,127\,321\,442 \cdot 447\,666\,237\,630\,433\,078\,845\,452\,732\,875\,446\,573\,430\,873\,478\,477\,964\,206\,932\,940\,506\,777\,037\,620\,714 \cdot 944\,860\,408\,359\,419\,904\, z^{38} -$$
$$2\,486\,776\,995\,589\,946\,299\,752\,172\,685\,768\,470\,969\,799\,314\,661\,955\,071\,493\,328\,526\,989\,514\,163\,180\,911 \cdot 996\,107\,847\,226\,737\,617\,006\,987\,521\,709\,171\,763\,790\,406\,069\,830\,594\,226\,053\,509\,319\,708\,368\,183\,338 \cdot 204\,574\,494\,327\,666\,900\,992\, z^{39} +$$
$$495\,388\,534\,713\,790\,471\,874\,683\,062\,265\,243\,581\,903\,882\,964\,326\,106\,421\,249\,117\,177\,209\,602\,793\,921 \cdot 621\,916\,620\,828\,651\,230\,733\,599\,546\,363\,890\,104\,112\,864\,031\,833\,517\,597\,917\,572\,255\,558\,880\,028\,115 \cdot 108\,886\,661\,318\,173\,742\,071\,808\, z^{40} -$$
$$28\,046\,044\,730\,504\,833\,597\,906\,970\,034\,599\,660\,463\,649\,713\,284\,964\,831\,153\,945\,550\,050\,270\,465\,992\,343 \cdot$$

$$
\begin{aligned}
&981\,351\,429\,445\,043\,891\,902\,846\,528\,410\,162\,353\,191\,033\,144\,049\,993\,536\,424\,069\,357\,830\,904\,768\,483\,\backslash\\
&271\,200\,344\,776\,823\,768\,350\,720\,z^{41} -\\
&33\,110\,862\,769\,527\,291\,153\,687\,193\,045\,275\,521\,928\,532\,871\,994\,232\,204\,631\,774\,686\,212\,987\,206\,296\,913\,\backslash\\
&349\,409\,200\,938\,946\,098\,211\,778\,215\,848\,230\,501\,804\,128\,384\,654\,993\,416\,243\,505\,068\,153\,821\,355\,451\,\backslash\\
&412\,149\,461\,197\,189\,835\,894\,292\,480\,z^{42} +\\
&7\,612\,371\,520\,861\,298\,164\,759\,306\,993\,646\,615\,733\,407\,781\,197\,107\,418\,340\,265\,132\,790\,622\,793\,788\,447\,\backslash\\
&537\,109\,268\,732\,538\,522\,356\,801\,458\,773\,847\,441\,895\,168\,861\,737\,283\,875\,417\,465\,610\,106\,648\,141\,855\,\backslash\\
&907\,941\,052\,099\,373\,613\,726\,962\,810\,880\,z^{43} -\\
&901\,591\,525\,907\,704\,266\,584\,355\,269\,208\,810\,359\,769\,688\,429\,055\,442\,998\,757\,857\,323\,910\,390\,597\,746\,\backslash\\
&658\,407\,756\,533\,781\,341\,781\,389\,599\,671\,402\,064\,974\,326\,240\,058\,899\,571\,334\,528\,390\,707\,613\,087\,124\,\backslash\\
&293\,857\,369\,943\,739\,251\,863\,169\,028\,587\,520\,z^{44} +\\
&72\,275\,059\,597\,013\,492\,594\,791\,974\,626\,371\,190\,606\,611\,408\,465\,689\,702\,379\,690\,571\,780\,657\,832\,311\,444\,\backslash\\
&481\,266\,790\,849\,049\,238\,019\,077\,337\,113\,242\,189\,494\,709\,771\,262\,178\,721\,853\,182\,719\,925\,632\,970\,735\,\backslash\\
&260\,229\,108\,958\,620\,623\,072\,851\,436\,503\,040\,z^{45} -\\
&1\,788\,978\,661\,642\,528\,916\,855\,002\,278\,150\,563\,817\,783\,292\,806\,527\,642\,262\,340\,350\,504\,000\,135\,632\,710\,\backslash\\
&874\,987\,855\,565\,472\,104\,360\,650\,506\,939\,199\,968\,937\,683\,977\,636\,031\,203\,842\,953\,735\,055\,687\,364\,177\,\backslash\\
&001\,286\,644\,135\,017\,600\,191\,749\,840\,856\,678\,400\,z^{46} -\\
&52\,480\,001\,442\,097\,189\,640\,719\,081\,569\,949\,571\,109\,281\,183\,683\,450\,248\,741\,049\,339\,892\,967\,433\,478\,210\,\backslash\\
&981\,140\,104\,848\,331\,482\,399\,705\,463\,283\,329\,538\,428\,303\,248\,373\,062\,954\,904\,218\,240\,209\,760\,022\,225\,\backslash\\
&166\,689\,232\,998\,528\,083\,874\,866\,075\,271\,168\,000\,z^{47} -\\
&1\,822\,192\,338\,923\,987\,343\,802\,658\,812\,928\,147\,202\,188\,155\,181\,343\,177\,361\,024\,877\,322\,877\,909\,922\,903\,\backslash\\
&141\,187\,312\,157\,010\,771\,903\,115\,415\,350\,352\,405\,374\,214\,930\,909\,558\,013\,327\,546\,316\,806\,274\,551\,510\,\backslash\\
&127\,121\,379\,484\,308\,903\,221\,443\,559\,969\,259\,520\,000\,z^{48} +\\
&58\,666\,156\,716\,679\,201\,815\,024\,592\,798\,191\,144\,549\,300\,381\,743\,691\,082\,027\,647\,944\,421\,740\,852\,169\,055\,\backslash\\
&905\,198\,600\,219\,966\,850\,814\,851\,927\,227\,891\,174\,786\,653\,642\,841\,540\,303\,887\,716\,241\,421\,228\,638\,559\,\backslash\\
&790\,811\,991\,764\,940\,689\,415\,023\,951\,263\,825\,920\,000\,z^{49} +\\
&302\,449\,059\,669\,800\,052\,264\,706\,571\,809\,371\,922\,055\,250\,828\,268\,063\,424\,211\,938\,550\,080\,080\,372\,373\,\backslash\\
&217\,785\,843\,428\,703\,513\,107\,549\,283\,225\,490\,408\,865\,904\,486\,589\,671\,259\,129\,401\,872\,284\,471\,444\,934\,\backslash\\
&311\,438\,450\,304\,443\,743\,270\,290\,325\,369\,782\,272\,000\,000\,z^{50} +\\
&105\,228\,815\,940\,137\,509\,396\,630\,200\,315\,063\,671\,565\,100\,360\,706\,255\,697\,934\,573\,285\,661\,928\,756\,458\,\backslash\\
&034\,250\,117\,875\,812\,692\,399\,258\,665\,823\,149\,603\,588\,437\,267\,495\,734\,827\,400\,171\,633\,590\,200\,762\,286\,\backslash\\
&544\,756\,216\,539\,420\,214\,838\,154\,972\,020\,783\,185\,920\,000\,000\,z^{51} +\\
&1\,355\,102\,950\,235\,646\,134\,321\,140\,497\,628\,245\,265\,941\,545\,572\,528\,374\,456\,335\,428\,192\,391\,314\,259\,111\,\backslash\\
&532\,820\,495\,564\,930\,020\,486\,717\,843\,421\,800\,350\,726\,249\,138\,643\,376\,937\,983\,316\,308\,086\,547\,538\,364\,\backslash\\
&719\,844\,362\,923\,211\,625\,297\,401\,717\,446\,410\,240\,000\,000\,000\,z^{52} +\\
&57\,214\,540\,454\,301\,071\,315\,029\,207\,800\,673\,726\,731\,645\,896\,189\,228\,074\,263\,672\,264\,832\,525\,219\,551\,231\,\backslash\\
&982\,949\,393\,953\,351\,562\,173\,614\,074\,657\,774\,415\,037\,600\,004\,568\,837\,668\,533\,330\,836\,557\,150\,399\,674\,\backslash\\
&916\,701\,795\,481\,359\,873\,299\,332\,582\,080\,512\,000\,000\,000\,000\,z^{53} -\\
&2\,209\,585\,952\,623\,625\,657\,685\,803\,330\,062\,633\,898\,378\,704\,049\,883\,289\,687\,442\,912\,810\,740\,916\,206\,059\,\backslash\\
&529\,106\,093\,191\,786\,312\,189\,026\,602\,729\,501\,435\,327\,076\,597\,324\,545\,557\,563\,991\,670\,085\,800\,125\,164\,\backslash\\
&260\,723\,404\,868\,040\,272\,043\,451\,482\,321\,715\,200\,000\,000\,000\,000\,z^{54} -\\
&6\,177\,493\,368\,255\,954\,308\,263\,590\,805\,783\,787\,166\,653\,541\,609\,269\,014\,785\,316\,241\,082\,099\,977\,385\,029\,\backslash\\
&795\,264\,095\,232\,932\,823\,100\,208\,379\,435\,416\,544\,127\,103\,038\,414\,935\,990\,610\,219\,160\,123\,900\,654\,373\,\backslash\\
&911\,953\,986\,650\,185\,959\,766\,720\,396\,656\,640\,000\,000\,000\,000\,000\,z^{55}\Big)\,\theta_z^{12} +\\
\Big(&-30\,172\,891\,191\,971\,762\,358\,715\,500 + 17\,172\,048\,283\,562\,723\,860\,333\,929\,107\,093\,625\,z -\\
&112\,715\,921\,540\,194\,146\,319\,969\,186\,158\,370\,201\,552\,800\,z^2 +\\
&131\,753\,812\,745\,620\,116\,119\,766\,351\,481\,181\,435\,846\,474\,266\,950\,z^3 +\\
&60\,810\,593\,383\,822\,127\,665\,892\,106\,138\,266\,791\,206\,787\,030\,187\,626\,800\,z^4 -\\
&40\,361\,624\,030\,576\,973\,733\,312\,918\,843\,723\,244\,486\,794\,847\,613\,044\,336\,818\,080\,z^5 +\\
&418\,873\,952\,864\,374\,323\,367\,877\,402\,849\,061\,517\,322\,343\,970\,340\,471\,568\,571\,419\,648\,z^6 +\\
&1\,513\,205\,625\,040\,844\,686\,109\,810\,159\,394\,785\,342\,778\,835\,985\,403\,913\,323\,215\,412\,459\,638\,784\,z^7 +
\end{aligned}
$$

$$4\,842\,059\,126\,720\,712\,631\,323\,810\,525\,699\,339\,118\,576\,005\,012\,618\,447\,161\,357\,820\,207\,643\,361\,280\,z^8 +$$
$$1\,163\,609\,913\,052\,194\,764\,824\,168\,910\,300\,135\,411\,677\,430\,986\,381\,635\,996\,460\,830\,669\,305\,615\,336\,079 \div 360\,z^9 +$$
$$36\,376\,822\,515\,470\,445\,609\,331\,134\,978\,264\,885\,592\,075\,921\,855\,463\,721\,412\,590\,854\,416\,520\,721\,825\,936 \div 703\,488\,z^{10} +$$
$$1\,120\,977\,195\,049\,934\,361\,632\,946\,248\,899\,222\,573\,597\,718\,054\,423\,500\,387\,544\,814\,317\,275\,099\,287\,204 \div 119\,778\,951\,168\,z^{11} +$$
$$3\,017\,060\,914\,954\,880\,235\,133\,927\,760\,717\,354\,822\,240\,059\,958\,498\,102\,151\,454\,127\,782\,648\,315\,251\,250 \div 373\,039\,656\,796\,160\,z^{12} +$$
$$47\,746\,690\,683\,896\,013\,339\,546\,280\,788\,246\,394\,060\,816\,721\,177\,473\,607\,517\,801\,455\,428\,839\,284\,606\,624 \div 432\,522\,031\,708\,241\,920\,z^{13} +$$
$$87\,719\,837\,710\,069\,415\,975\,345\,919\,998\,146\,964\,331\,461\,387\,305\,610\,104\,925\,141\,446\,493\,288\,530\,705\,813 \div 808\,486\,128\,076\,602\,736\,640\,z^{14} +$$
$$1\,235\,001\,105\,455\,430\,504\,686\,777\,107\,955\,040\,088\,193\,024\,063\,824\,447\,155\,900\,442\,713\,809\,926\,388\,323 \div 421\,454\,915\,632\,577\,697\,240\,055\,808\,z^{15} -$$
$$2\,836\,072\,754\,494\,951\,687\,084\,872\,529\,816\,584\,948\,287\,295\,506\,061\,270\,773\,294\,808\,580\,703\,381\,131\,704 \div 180\,314\,269\,382\,400\,418\,051\,623\,223\,296\,z^{16} -$$
$$23\,053\,813\,830\,711\,013\,592\,718\,679\,005\,130\,106\,830\,470\,470\,452\,967\,576\,366\,080\,927\,491\,395\,351\,314\,615 \div 058\,655\,044\,840\,478\,862\,539\,818\,834\,853\,888\,z^{17} +$$
$$99\,789\,233\,958\,237\,967\,579\,924\,676\,994\,815\,935\,986\,236\,251\,353\,637\,405\,202\,822\,194\,640\,562\,502\,060\,719 \div 257\,730\,523\,119\,677\,797\,517\,976\,156\,084\,633\,600\,z^{18} -$$
$$138\,320\,549\,910\,712\,986\,981\,357\,482\,291\,583\,543\,773\,177\,717\,689\,722\,716\,714\,675\,301\,336\,719\,997\,725 \div 508\,714\,067\,255\,533\,518\,020\,906\,367\,677\,262\,337\,146\,880\,z^{19} +$$
$$130\,222\,788\,252\,916\,148\,526\,632\,633\,604\,648\,452\,171\,748\,943\,418\,722\,781\,100\,650\,693\,306\,275\,930\,823 \div 213\,481\,808\,247\,462\,526\,501\,014\,599\,643\,907\,247\,495\,446\,528\,z^{20} +$$
$$1\,107\,159\,507\,660\,968\,349\,429\,424\,716\,575\,661\,690\,693\,622\,664\,344\,694\,420\,408\,389\,884\,674\,098\,923\,067 \div 009\,261\,545\,347\,694\,370\,937\,960\,820\,541\,987\,677\,709\,195\,542\,528\,z^{21} -$$
$$258\,364\,367\,375\,866\,276\,492\,932\,864\,903\,249\,781\,308\,095\,997\,013\,421\,049\,626\,157\,110\,827\,176\,610\,037 \div 271\,550\,953\,626\,056\,488\,583\,221\,408\,206\,304\,122\,641\,843\,904\,053\,248\,z^{22} +$$
$$1\,782\,479\,983\,798\,703\,593\,175\,853\,111\,130\,939\,759\,743\,772\,465\,979\,031\,578\,121\,149\,291\,847\,635\,135\,990 \div 259\,091\,385\,501\,709\,557\,712\,157\,130\,327\,202\,847\,061\,339\,794\,317\,508\,608\,z^{23} +$$
$$553\,393\,685\,809\,699\,191\,059\,615\,988\,097\,767\,463\,358\,172\,167\,993\,605\,721\,806\,368\,573\,262\,361\,916\,798 \div 263\,951\,830\,730\,157\,842\,918\,662\,738\,169\,932\,486\,879\,774\,844\,139\,847\,286\,784\,z^{24} -$$
$$3\,499\,544\,748\,155\,084\,226\,424\,370\,212\,030\,711\,206\,305\,580\,964\,559\,346\,019\,637\,619\,508\,196\,436\,970\,256 \div 023\,831\,100\,526\,798\,012\,248\,174\,687\,683\,997\,166\,634\,442\,500\,033\,488\,453\,894\,144\,z^{25} -$$
$$1\,880\,891\,114\,116\,113\,366\,540\,995\,134\,465\,485\,770\,945\,639\,533\,207\,255\,046\,584\,950\,896\,044\,854\,571\,661 \div 393\,643\,788\,834\,991\,131\,136\,439\,254\,395\,967\,721\,798\,939\,570\,022\,385\,278\,018\,125\,824\,z^{26} +$$
$$272\,202\,664\,094\,859\,283\,791\,518\,795\,038\,692\,168\,218\,931\,272\,622\,496\,709\,920\,452\,574\,498\,021\,573\,359 \div 336\,458\,626\,240\,374\,219\,774\,165\,052\,148\,549\,189\,664\,547\,576\,912\,219\,980\,849\,381\,113\,856\,z^{27} +$$
$$519\,639\,423\,602\,252\,613\,415\,478\,034\,923\,105\,157\,064\,817\,731\,450\,850\,678\,347\,428\,213\,993\,929\,147\,726 \div 499\,940\,851\,802\,727\,171\,300\,629\,082\,086\,188\,755\,986\,208\,771\,769\,007\,638\,036\,786\,997\,886\,976\,z^{28} +$$
$$1\,807\,175\,161\,807\,567\,681\,777\,319\,164\,081\,179\,434\,512\,412\,956\,130\,510\,661\,891\,439\,811\,904\,528\,544\,984 \div 300\,674\,239\,362\,270\,954\,333\,431\,575\,719\,919\,102\,135\,563\,792\,850\,455\,567\,191\,813\,834\,311\,467\,008\,z^{29} -$$
$$438\,550\,675\,631\,674\,866\,028\,675\,745\,107\,416\,641\,782\,857\,910\,194\,629\,857\,548\,757\,917\,579\,503\,007\,543 \div 521\,069\,335\,237\,657\,356\,889\,375\,191\,862\,372\,122\,189\,856\,609\,537\,367\,525\,837\,593\,740\,562\,975\,948\,800\,z^{30} -$$
$$279\,936\,163\,333\,094\,845\,164\,261\,564\,657\,625\,639\,276\,069\,980\,083\,584\,397\,358\,712\,836\,892\,532\,860\,229 \div 948\,954\,030\,842\,398\,245\,179\,471\,469\,780\,714\,646\,627\,646\,852\,891\,861\,098\,829\,368\,196\,754\,001\,409\,081 \div 344\,z^{31} -$$
$$258\,585\,144\,692\,141\,441\,740\,261\,989\,052\,359\,306\,664\,494\,006\,115\,560\,194\,125\,794\,831\,459\,780\,962\,330 \div 879\,842\,611\,888\,510\,642\,854\,565\,178\,979\,183\,873\,870\,142\,117\,122\,739\,774\,558\,932\,888\,139\,016\,820\,314 \div$$

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\begin{aligned}
&079\,232\,z^{32} + \\
&6\,055\,779\,979\,640\,343\,396\,055\,866\,030\,700\,693\,770\,538\,030\,058\,608\,547\,992\,831\,463\,574\,696\,840\,396\,794 \cdot \\
&\quad 013\,318\,786\,223\,131\,849\,757\,010\,068\,532\,633\,530\,277\,741\,434\,725\,260\,822\,652\,162\,341\,843\,166\,922\,039 \cdot \\
&\quad 885\,824\,z^{33} - \\
&512\,368\,017\,324\,450\,681\,311\,040\,393\,778\,744\,388\,685\,752\,365\,665\,135\,065\,257\,028\,269\,358\,371\,374\,597 \cdot \\
&\quad 517\,313\,536\,260\,491\,953\,354\,181\,018\,428\,237\,611\,074\,434\,080\,328\,165\,605\,426\,608\,545\,255\,638\,502\,386 \cdot \\
&\quad 520\,031\,232\,z^{34} + \\
&19\,292\,772\,490\,639\,343\,795\,407\,737\,303\,950\,050\,236\,878\,769\,619\,201\,952\,418\,221\,601\,117\,075\,042\,881\,759 \cdot \\
&\quad 468\,289\,856\,839\,903\,826\,638\,874\,588\,199\,309\,977\,556\,958\,480\,654\,982\,878\,420\,903\,311\,715\,790\,913\,838 \cdot \\
&\quad 691\,444\,064\,256\,z^{35} - \\
&3\,351\,361\,413\,002\,612\,547\,020\,194\,873\,506\,612\,783\,387\,525\,079\,733\,357\,331\,457\,222\,874\,790\,554\,886\,725 \cdot \\
&\quad 983\,697\,282\,074\,443\,091\,101\,151\,869\,707\,139\,737\,618\,073\,512\,861\,173\,182\,071\,377\,052\,142\,198\,030\,477 \cdot \\
&\quad 518\,018\,130\,739\,200\,z^{36} + \\
&754\,301\,907\,921\,181\,061\,178\,141\,277\,102\,759\,002\,980\,652\,627\,895\,849\,683\,515\,967\,711\,123\,756\,217\,000 \cdot \\
&\quad 421\,497\,335\,219\,506\,600\,536\,297\,167\,561\,211\,142\,941\,618\,725\,544\,115\,447\,478\,156\,446\,246\,899\,460\,914 \cdot \\
&\quad 734\,408\,284\,176\,908\,288\,z^{37} - \\
&161\,211\,155\,079\,145\,880\,157\,311\,581\,324\,936\,657\,700\,007\,142\,260\,406\,867\,342\,173\,806\,750\,361\,110\,711 \cdot \\
&\quad 177\,110\,854\,433\,095\,990\,485\,111\,177\,830\,945\,270\,478\,919\,427\,329\,726\,530\,871\,410\,126\,782\,854\,882\,035 \cdot \\
&\quad 818\,760\,888\,879\,507\,570\,688\,z^{38} - \\
&20\,093\,843\,908\,309\,643\,647\,024\,689\,913\,064\,823\,675\,572\,254\,787\,516\,096\,199\,341\,812\,507\,178\,499\,883\,518 \cdot \\
&\quad 138\,977\,962\,776\,184\,408\,537\,474\,019\,132\,545\,219\,829\,893\,499\,041\,782\,510\,630\,995\,338\,588\,864\,415\,722 \cdot \\
&\quad 700\,066\,593\,564\,230\,942\,720\,z^{39} + \\
&3\,644\,875\,381\,043\,096\,664\,459\,095\,518\,963\,195\,855\,226\,918\,817\,680\,280\,854\,824\,772\,406\,567\,471\,309\,853 \cdot \\
&\quad 101\,137\,050\,513\,873\,258\,800\,072\,539\,723\,909\,561\,756\,046\,073\,210\,290\,218\,585\,032\,578\,609\,749\,118\,332 \cdot \\
&\quad 711\,999\,905\,972\,127\,136\,743\,424\,z^{40} - \\
&502\,917\,513\,783\,163\,944\,741\,446\,523\,509\,825\,864\,030\,008\,554\,633\,105\,775\,807\,592\,614\,212\,878\,209\,384 \cdot \\
&\quad 127\,589\,779\,028\,029\,699\,356\,324\,522\,791\,131\,336\,634\,916\,988\,487\,299\,681\,475\,390\,523\,413\,676\,035\,534 \cdot \\
&\quad 710\,525\,131\,326\,457\,580\,428\,984\,320\,z^{41} - \\
&99\,701\,273\,782\,707\,542\,682\,022\,323\,825\,177\,139\,588\,322\,533\,448\,334\,536\,177\,572\,283\,558\,372\,538\,878\,243 \cdot \\
&\quad 083\,905\,617\,854\,633\,860\,961\,346\,219\,452\,479\,303\,445\,011\,150\,251\,945\,651\,568\,325\,170\,477\,861\,813\,665 \cdot \\
&\quad 261\,274\,327\,281\,632\,077\,403\,914\,240\,z^{42} + \\
&44\,663\,674\,669\,984\,140\,035\,599\,328\,229\,803\,791\,790\,137\,535\,704\,199\,013\,288\,212\,746\,444\,403\,853\,633\,250 \cdot \\
&\quad 254\,494\,197\,130\,277\,563\,991\,936\,132\,012\,936\,069\,918\,187\,995\,976\,783\,996\,003\,042\,093\,530\,192\,104\,114 \cdot \\
&\quad 993\,846\,252\,712\,879\,825\,514\,471\,096\,320\,z^{43} - \\
&5\,281\,476\,303\,276\,101\,756\,252\,929\,135\,977\,645\,825\,362\,057\,301\,546\,358\,234\,095\,876\,811\,902\,272\,790\,218 \cdot \\
&\quad 972\,272\,221\,857\,721\,895\,197\,197\,812\,997\,161\,329\,047\,303\,240\,457\,322\,971\,893\,262\,512\,413\,776\,777\,847 \cdot \\
&\quad 091\,474\,940\,019\,095\,714\,608\,245\,993\,635\,840\,z^{44} + \\
&502\,598\,318\,182\,182\,416\,134\,648\,119\,043\,957\,173\,396\,879\,417\,935\,447\,694\,999\,942\,248\,011\,639\,880\,150 \cdot \\
&\quad 116\,432\,042\,462\,506\,897\,028\,991\,864\,144\,892\,324\,176\,062\,701\,526\,567\,519\,039\,151\,470\,755\,891\,921\,017 \cdot \\
&\quad 248\,651\,441\,532\,083\,014\,700\,451\,951\,353\,528\,320\,z^{45} - \\
&19\,543\,704\,193\,495\,963\,243\,136\,494\,206\,077\,174\,527\,205\,174\,756\,915\,184\,338\,850\,409\,573\,867\,121\,132\,354 \cdot \\
&\quad 003\,997\,356\,807\,256\,898\,919\,892\,759\,368\,212\,384\,432\,558\,290\,444\,044\,822\,374\,266\,078\,811\,465\,892\,863 \cdot \\
&\quad 324\,398\,359\,770\,470\,108\,011\,240\,305\,459\,200\,000\,z^{46} - \\
&391\,915\,674\,320\,567\,229\,663\,411\,971\,260\,534\,707\,607\,683\,799\,257\,031\,219\,211\,529\,380\,491\,272\,947\,539 \cdot \\
&\quad 861\,537\,423\,266\,065\,733\,885\,576\,892\,112\,704\,459\,137\,377\,989\,650\,620\,412\,897\,168\,188\,854\,308\,198\,003 \cdot \\
&\quad 763\,100\,975\,882\,255\,180\,518\,671\,757\,135\,891\,660\,800\,z^{47} - \\
&6\,072\,065\,274\,701\,117\,029\,765\,503\,944\,434\,960\,906\,090\,303\,377\,824\,648\,230\,056\,328\,488\,762\,870\,460\,419 \cdot \\
&\quad 004\,593\,994\,374\,452\,203\,108\,346\,412\,143\,399\,491\,268\,661\,980\,485\,541\,382\,029\,889\,322\,237\,866\,279\,589 \cdot \\
&\quad 767\,267\,073\,585\,804\,164\,513\,071\,157\,183\,774\,720\,000\,z^{48} + \\
&678\,450\,490\,116\,296\,491\,679\,837\,010\,396\,211\,240\,796\,241\,231\,933\,457\,538\,732\,249\,004\,001\,238\,029\,290 \cdot \\
&\quad 545\,279\,087\,102\,244\,559\,616\,444\,901\,563\,990\,128\,083\,310\,198\,302\,518\,443\,873\,266\,073\,808\,678\,103\,440 \cdot
\end{aligned}
$$

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\begin{aligned}
&787\,117\,162\,239\,043\,361\,872\,330\,217\,709\,088\,276\,480\,000\,z^{49} + \\
&5\,146\,244\,640\,022\,206\,064\,352\,048\,858\,912\,449\,956\,737\,993\,691\,398\,671\,914\,482\,813\,749\,060\,732\,082\,460 \\
&\quad 213\,078\,273\,213\,680\,862\,126\,498\,296\,230\,939\,315\,615\,227\,444\,304\,772\,243\,775\,593\,662\,698\,038\,899\,420 \\
&\quad 832\,296\,656\,582\,616\,959\,428\,448\,309\,718\,548\,480\,000\,000\,z^{50} + \\
&660\,625\,837\,352\,030\,999\,900\,247\,675\,900\,855\,855\,046\,358\,422\,270\,083\,729\,638\,563\,815\,793\,360\,565\,808 \\
&\quad 717\,123\,229\,828\,766\,533\,870\,697\,478\,976\,834\,557\,880\,588\,281\,186\,329\,330\,834\,746\,359\,716\,637\,485\,397 \\
&\quad 412\,540\,767\,040\,291\,340\,268\,043\,317\,807\,824\,240\,640\,000\,000\,z^{51} + \\
&1\,320\,679\,630\,352\,336\,865\,136\,437\,810\,565\,368\,611\,884\,346\,234\,117\,899\,496\,011\,885\,080\,054\,316\,592\,131 \\
&\quad 061\,488\,359\,874\,680\,077\,932\,818\,987\,790\,104\,229\,314\,692\,325\,488\,868\,349\,436\,049\,147\,025\,966\,244\,315 \\
&\quad 218\,692\,093\,446\,235\,165\,023\,458\,123\,422\,105\,600\,000\,000\,000\,z^{52} + \\
&17\,180\,870\,058\,444\,333\,456\,054\,074\,078\,433\,268\,570\,304\,079\,776\,480\,571\,146\,770\,212\,581\,642\,412\,480\,750 \\
&\quad 893\,722\,847\,418\,581\,984\,577\,221\,330\,933\,478\,124\,426\,359\,332\,786\,310\,186\,234\,237\,248\,718\,604\,286\,480 \\
&\quad 921\,511\,562\,248\,486\,983\,772\,231\,042\,072\,576\,000\,000\,000\,000\,z^{53} - \\
&21\,233\,107\,611\,022\,872\,528\,052\,472\,365\,415\,199\,100\,774\,750\,675\,790\,967\,932\,174\,232\,609\,613\,726\,297\,806 \\
&\quad 762\,035\,071\,466\,494\,250\,186\,088\,068\,542\,951\,321\,513\,866\,632\,196\,076\,912\,183\,848\,276\,722\,214\,580\,620 \\
&\quad 958\,463\,185\,635\,989\,285\,946\,671\,032\,487\,116\,800\,000\,000\,000\,000\,z^{54} - \\
&54\,780\,515\,184\,616\,911\,914\,781\,475\,969\,191\,472\,332\,801\,621\,911\,770\,051\,370\,858\,378\,895\,228\,535\,934\,371 \\
&\quad 370\,156\,963\,435\,586\,768\,725\,402\,256\,059\,276\,867\,323\,641\,589\,677\,399\,758\,609\,440\,768\,753\,475\,486\,241 \\
&\quad 059\,405\,976\,197\,135\,255\,612\,705\,797\,570\,560\,000\,000\,000\,000\,000\,z^{55}\Big)\,\theta_z^{11} + \\
&\Big(35\,821\,697\,305\,537\,252\,115\,370\,000 - 21\,741\,391\,598\,873\,317\,853\,472\,190\,443\,154\,050\,z + \\
&\quad 149\,357\,823\,230\,353\,839\,247\,671\,020\,001\,457\,105\,246\,200\,z^2 - \\
&\quad 194\,060\,751\,938\,522\,664\,513\,892\,577\,356\,584\,820\,003\,404\,572\,520\,z^3 - \\
&\quad 88\,859\,724\,901\,015\,231\,152\,220\,471\,245\,367\,525\,953\,044\,038\,972\,386\,720\,z^4 + \\
&\quad 70\,954\,732\,175\,323\,227\,096\,410\,422\,820\,703\,975\,439\,210\,586\,224\,162\,673\,278\,080\,z^5 - \\
&\quad 266\,677\,006\,424\,126\,415\,171\,981\,927\,289\,388\,770\,763\,736\,906\,212\,433\,260\,274\,538\,752\,z^6 - \\
&\quad 3\,203\,159\,833\,052\,366\,412\,741\,806\,753\,434\,031\,258\,953\,998\,048\,265\,033\,553\,274\,131\,734\,781\,952\,z^7 - \\
&\quad 4\,163\,710\,881\,958\,535\,167\,882\,763\,325\,992\,119\,473\,438\,206\,000\,128\,449\,103\,535\,547\,665\,455\,251\,456\,z^8 - \\
&\quad 2\,953\,601\,412\,965\,594\,873\,261\,544\,781\,242\,017\,591\,240\,785\,992\,948\,388\,759\,006\,499\,025\,267\,383\,696\,621 \\
&\quad\quad 568\,z^9 - \\
&\quad 91\,333\,369\,497\,549\,677\,681\,542\,312\,821\,710\,585\,296\,543\,591\,817\,365\,348\,328\,680\,836\,800\,496\,426\,944\,720 \\
&\quad\quad 535\,552\,z^{10} - \\
&\quad 3\,093\,580\,651\,479\,821\,894\,065\,045\,615\,586\,027\,809\,219\,921\,668\,946\,800\,661\,002\,261\,636\,439\,324\,561\,053 \\
&\quad\quad 248\,032\,604\,160\,z^{11} - \\
&\quad 8\,376\,168\,293\,540\,698\,815\,656\,498\,910\,066\,615\,119\,501\,657\,900\,294\,089\,422\,424\,246\,092\,975\,406\,571\,545 \\
&\quad\quad 452\,486\,491\,897\,856\,z^{12} - \\
&\quad 112\,977\,976\,831\,137\,476\,161\,917\,574\,161\,266\,827\,265\,797\,296\,690\,287\,737\,112\,926\,419\,720\,161\,620\,872 \\
&\quad\quad 916\,001\,575\,930\,492\,354\,560\,z^{13} - \\
&\quad 159\,276\,429\,299\,995\,120\,198\,977\,067\,857\,684\,711\,187\,237\,571\,114\,483\,639\,424\,211\,407\,900\,605\,626\,920 \\
&\quad\quad 176\,065\,244\,207\,847\,365\,935\,104\,z^{14} - \\
&\quad 5\,086\,130\,239\,340\,983\,557\,835\,122\,898\,595\,455\,124\,932\,261\,514\,604\,801\,356\,843\,799\,540\,314\,466\,344\,030 \\
&\quad\quad 242\,032\,524\,967\,457\,163\,826\,954\,240\,z^{15} + \\
&\quad 3\,602\,174\,748\,168\,403\,130\,717\,728\,366\,155\,719\,429\,072\,149\,515\,402\,470\,685\,198\,314\,657\,054\,184\,327\,578 \\
&\quad\quad 633\,155\,644\,219\,412\,071\,562\,484\,908\,032\,z^{16} + \\
&\quad 60\,378\,848\,057\,912\,974\,102\,095\,710\,363\,791\,177\,248\,880\,360\,018\,657\,839\,060\,990\,899\,186\,935\,320\,443\,032 \\
&\quad\quad 620\,677\,110\,846\,284\,696\,628\,976\,060\,203\,008\,z^{17} - \\
&\quad 138\,439\,832\,688\,051\,774\,091\,394\,632\,758\,357\,136\,133\,874\,973\,165\,293\,789\,330\,946\,661\,029\,972\,792\,080 \\
&\quad\quad 793\,247\,902\,422\,029\,900\,392\,491\,727\,300\,344\,152\,064\,z^{18} + \\
&\quad 263\,937\,631\,513\,148\,553\,448\,320\,298\,150\,359\,163\,829\,361\,425\,516\,050\,787\,018\,658\,145\,238\,281\,139\,938 \\
&\quad\quad 170\,607\,626\,978\,095\,438\,615\,855\,088\,025\,982\,075\,928\,576\,z^{19} + \\
&\quad 1\,309\,377\,011\,621\,491\,791\,951\,074\,173\,345\,014\,519\,050\,538\,146\,785\,137\,312\,151\,765\,622\,542\,726\,498\,123 \\
&\quad\quad 708\,344\,222\,407\,510\,908\,226\,691\,225\,706\,585\,485\,811\,384\,320\,z^{20} -
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\begin{aligned}
&379\,218\,152\,987\,501\,734\,998\,597\,954\,488\,950\,549\,718\,875\,844\,177\,658\,901\,101\,253\,579\,155\,925\,511\,741 \div \\
&\quad 116\,943\,484\,374\,683\,595\,307\,068\,938\,180\,688\,901\,221\,677\,793\,280\, z^{21} - \\
&5\,365\,944\,551\,492\,094\,094\,030\,006\,288\,604\,027\,370\,486\,683\,804\,448\,677\,197\,831\,939\,428\,227\,204\,465\,069 \div \\
&\quad 277\,204\,676\,169\,206\,109\,143\,713\,891\,339\,021\,400\,867\,715\,426\,549\,760\, z^{22} + \\
&7\,422\,327\,952\,848\,503\,579\,994\,863\,439\,737\,118\,235\,175\,345\,767\,723\,781\,827\,732\,200\,983\,239\,683\,716\,529 \div \\
&\quad 554\,504\,558\,411\,161\,748\,940\,580\,963\,145\,687\,778\,306\,156\,396\,879\,544\,320\, z^{23} - \\
&4\,323\,281\,607\,989\,988\,691\,941\,296\,420\,298\,722\,198\,344\,808\,147\,727\,836\,206\,330\,109\,493\,883\,363\,811\,600 \div \\
&\quad 164\,470\,220\,478\,174\,111\,645\,139\,695\,148\,896\,606\,916\,846\,454\,270\,762\,942\,464\, z^{24} - \\
&3\,417\,589\,859\,664\,986\,711\,265\,436\,039\,226\,302\,824\,288\,090\,740\,487\,798\,971\,810\,500\,639\,143\,880\,858\,057 \div \\
&\quad 787\,099\,894\,020\,202\,023\,298\,587\,594\,722\,226\,499\,637\,954\,496\,721\,579\,698\,814\,976\, z^{25} + \\
&5\,933\,935\,214\,994\,228\,760\,405\,966\,099\,389\,709\,692\,013\,231\,617\,836\,950\,370\,491\,736\,078\,790\,896\,882\,428 \div \\
&\quad 579\,836\,288\,795\,322\,586\,135\,787\,431\,484\,220\,840\,394\,241\,550\,334\,653\,431\,048\,830\,976\, z^{26} + \\
&6\,628\,019\,029\,622\,077\,210\,799\,724\,046\,962\,865\,215\,879\,546\,845\,578\,471\,606\,133\,645\,655\,140\,480\,232\,048 \div \\
&\quad 229\,000\,929\,995\,943\,115\,471\,515\,120\,139\,325\,006\,787\,413\,431\,222\,549\,453\,008\,273\,408\,000\, z^{27} - \\
&673\,903\,735\,368\,037\,956\,683\,886\,687\,419\,509\,761\,893\,033\,740\,124\,436\,692\,254\,012\,869\,026\,495\,752\,040 \div \\
&\quad 109\,182\,442\,593\,657\,565\,873\,203\,928\,125\,730\,169\,815\,350\,866\,058\,408\,667\,989\,860\,662\,902\,784\, z^{28} + \\
&1\,735\,751\,839\,688\,327\,161\,234\,207\,955\,233\,339\,235\,266\,062\,496\,748\,203\,882\,251\,161\,658\,947\,911\,492\,737 \div \\
&\quad 822\,605\,148\,138\,513\,837\,320\,334\,987\,009\,448\,059\,567\,867\,744\,229\,912\,392\,449\,755\,500\,043\,567\,104\, z^{29} - \\
&4\,379\,008\,772\,906\,162\,471\,993\,893\,871\,485\,061\,336\,184\,178\,846\,879\,245\,489\,726\,557\,283\,370\,289\,188\,140 \div \\
&\quad 522\,733\,937\,876\,669\,768\,170\,012\,805\,760\,119\,471\,690\,023\,265\,752\,127\,940\,702\,984\,388\,357\,625\,217\,024 \\
&\quad z^{30} - \\
&435\,942\,319\,284\,931\,296\,225\,031\,882\,263\,110\,037\,087\,953\,726\,863\,629\,145\,111\,504\,494\,621\,272\,522\,247 \div \\
&\quad 056\,244\,663\,532\,308\,544\,749\,166\,817\,159\,790\,863\,154\,580\,948\,557\,105\,058\,244\,881\,770\,409\,509\,047\,500 \div \\
&\quad 800\, z^{31} - \\
&431\,058\,768\,033\,831\,547\,454\,775\,548\,127\,286\,966\,168\,049\,948\,869\,316\,396\,948\,770\,028\,725\,441\,017\,383 \div \\
&\quad 273\,565\,345\,665\,306\,261\,189\,965\,782\,953\,929\,239\,717\,686\,576\,665\,232\,698\,082\,210\,834\,590\,033\,080\,534 \div \\
&\quad 171\,648\, z^{32} + \\
&275\,830\,426\,181\,195\,362\,365\,347\,551\,829\,867\,849\,820\,393\,428\,881\,999\,498\,946\,503\,868\,366\,796\,751\,266 \div \\
&\quad 732\,064\,511\,756\,912\,715\,071\,032\,135\,788\,740\,013\,502\,949\,998\,717\,582\,768\,245\,253\,891\,870\,337\,952\,873 \div \\
&\quad 877\,340\,160\, z^{33} + \\
&63\,447\,176\,132\,683\,431\,297\,411\,118\,748\,782\,653\,613\,772\,170\,254\,810\,543\,746\,826\,854\,490\,287\,545\,663\,891 \div \\
&\quad 517\,248\,559\,074\,573\,340\,294\,558\,757\,984\,072\,579\,990\,901\,614\,525\,240\,588\,047\,728\,485\,527\,283\,637\,854 \div \\
&\quad 394\,122\,240\, z^{34} + \\
&49\,555\,241\,327\,050\,665\,923\,968\,586\,066\,902\,716\,750\,916\,025\,666\,629\,381\,948\,680\,038\,296\,150\,164\,626\,545 \div \\
&\quad 653\,233\,601\,307\,850\,585\,184\,448\,051\,773\,475\,462\,411\,409\,131\,207\,591\,090\,014\,122\,475\,938\,033\,756\,017 \div \\
&\quad 743\,863\,218\,176\, z^{35} - \\
&21\,372\,268\,450\,212\,506\,021\,674\,458\,601\,776\,031\,491\,244\,232\,488\,396\,207\,556\,703\,450\,736\,569\,832\,365\,747 \div \\
&\quad 331\,726\,396\,741\,481\,404\,532\,030\,757\,030\,427\,208\,772\,008\,368\,051\,647\,237\,129\,569\,272\,189\,902\,360\,496 \div \\
&\quad 881\,423\,221\,784\,576\, z^{36} + \\
&2\,002\,786\,064\,798\,866\,511\,163\,647\,981\,307\,958\,396\,740\,752\,441\,735\,226\,123\,598\,507\,687\,815\,079\,658\,815 \div \\
&\quad 556\,399\,298\,838\,653\,806\,035\,606\,732\,475\,603\,020\,533\,553\,903\,788\,572\,793\,875\,562\,031\,011\,556\,032\,544 \div \\
&\quad 579\,338\,479\,503\,147\,008\, z^{37} - \\
&994\,035\,945\,515\,290\,086\,289\,429\,846\,701\,641\,721\,252\,391\,979\,404\,342\,413\,970\,588\,978\,895\,018\,953\,038 \div \\
&\quad 734\,780\,628\,477\,374\,889\,090\,737\,379\,322\,914\,710\,970\,501\,035\,118\,644\,994\,789\,991\,829\,608\,674\,572\,947 \div \\
&\quad 056\,778\,479\,814\,569\,885\,696\, z^{38} - \\
&6\,443\,305\,526\,894\,006\,080\,712\,354\,069\,715\,606\,039\,341\,288\,774\,652\,259\,659\,815\,931\,946\,200\,952\,074\,986 \div \\
&\quad 670\,917\,233\,268\,551\,757\,736\,397\,677\,356\,471\,850\,924\,827\,945\,483\,165\,974\,836\,564\,155\,815\,621\,995\,606 \div \\
&\quad 959\,234\,919\,677\,206\,462\,464\, z^{39} + \\
&19\,758\,701\,053\,279\,848\,415\,699\,692\,282\,116\,814\,189\,915\,121\,103\,753\,001\,579\,367\,319\,199\,895\,245\,851\,467 \div \\
&\quad 508\,266\,579\,311\,073\,138\,294\,914\,476\,820\,650\,209\,371\,416\,890\,436\,390\,323\,764\,909\,795\,600\,908\,033\,761 \div \\
&\quad 311\,190\,821\,888\,857\,940\,688\,896\, z^{40} -
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\begin{aligned}
&1\,622\,136\,524\,117\,395\,956\,523\,784\,471\,926\,686\,643\,547\,779\,461\,673\,021\,362\,221\,896\,031\,861\,843\,687\,796\,\backslash\\
&\quad 748\,184\,832\,382\,298\,419\,920\,695\,614\,171\,649\,296\,990\,707\,743\,862\,424\,349\,067\,750\,793\,784\,203\,486\,633\,\backslash\\
&\quad 464\,862\,827\,073\,285\,669\,760\,532\,480\,z^{41} +\\
&36\,370\,727\,202\,113\,395\,305\,262\,325\,009\,015\,807\,191\,723\,479\,810\,324\,964\,146\,038\,968\,533\,255\,021\,683\,413\,\backslash\\
&\quad 519\,781\,894\,554\,793\,247\,028\,473\,908\,043\,380\,051\,641\,264\,927\,084\,222\,389\,690\,233\,613\,118\,010\,973\,270\,\backslash\\
&\quad 157\,118\,185\,636\,390\,070\,554\,460\,160\,z^{42} +\\
&189\,007\,256\,644\,048\,604\,454\,306\,855\,556\,097\,504\,349\,334\,583\,065\,366\,677\,617\,945\,612\,765\,694\,184\,902\,\backslash\\
&\quad 500\,490\,950\,214\,623\,590\,166\,293\,964\,235\,532\,286\,881\,420\,967\,628\,390\,971\,950\,937\,504\,626\,813\,813\,764\,\backslash\\
&\quad 415\,967\,163\,302\,154\,107\,369\,771\,772\,149\,760\,z^{43} -\\
&23\,608\,213\,423\,265\,743\,575\,171\,104\,762\,229\,880\,731\,140\,050\,473\,008\,424\,061\,726\,063\,816\,297\,386\,050\,556\,\backslash\\
&\quad 938\,161\,911\,859\,984\,810\,899\,921\,828\,108\,114\,133\,876\,469\,490\,591\,128\,591\,992\,686\,533\,083\,359\,543\,785\,\backslash\\
&\quad 332\,672\,171\,042\,642\,590\,634\,003\,283\,312\,640\,z^{44} +\\
&2\,384\,855\,369\,412\,694\,892\,704\,608\,672\,768\,725\,841\,678\,494\,293\,965\,485\,556\,137\,311\,408\,653\,140\,295\,807\,\backslash\\
&\quad 985\,982\,945\,487\,472\,609\,593\,528\,503\,533\,376\,365\,913\,777\,199\,087\,452\,083\,272\,378\,156\,714\,565\,784\,903\,\backslash\\
&\quad 867\,971\,436\,696\,245\,442\,546\,775\,979\,909\,447\,680\,z^{45} -\\
&124\,020\,548\,293\,684\,179\,572\,577\,179\,669\,678\,009\,728\,280\,285\,073\,161\,599\,452\,949\,569\,290\,020\,974\,977\,\backslash\\
&\quad 955\,508\,171\,937\,895\,926\,049\,389\,970\,695\,721\,872\,689\,064\,078\,561\,962\,665\,161\,439\,618\,857\,552\,382\,241\,\backslash\\
&\quad 790\,230\,555\,031\,325\,371\,097\,115\,729\,550\,376\,960\,000\,z^{46} -\\
&1\,326\,767\,766\,624\,627\,398\,914\,382\,734\,699\,749\,971\,023\,700\,841\,738\,227\,498\,136\,450\,472\,938\,188\,344\,047\,\backslash\\
&\quad 501\,625\,981\,307\,548\,358\,439\,003\,987\,345\,155\,513\,183\,405\,055\,667\,530\,589\,342\,394\,722\,362\,372\,645\,966\,\backslash\\
&\quad 936\,659\,680\,089\,756\,115\,680\,509\,647\,297\,236\,172\,800\,z^{47} +\\
&20\,608\,869\,438\,621\,853\,536\,261\,424\,997\,402\,206\,882\,016\,652\,155\,644\,711\,823\,104\,697\,616\,009\,653\,055\,394\,\backslash\\
&\quad 169\,345\,918\,988\,611\,502\,243\,399\,099\,304\,742\,042\,173\,321\,062\,142\,903\,243\,363\,956\,940\,644\,891\,581\,521\,\backslash\\
&\quad 774\,969\,466\,763\,803\,652\,852\,169\,559\,097\,999\,360\,000\,z^{48} +\\
&4\,577\,181\,344\,754\,478\,103\,738\,346\,515\,968\,537\,218\,206\,589\,936\,599\,655\,708\,785\,058\,231\,201\,664\,625\,026\,\backslash\\
&\quad 703\,336\,585\,318\,878\,832\,105\,849\,131\,256\,168\,958\,828\,517\,368\,376\,784\,107\,863\,388\,013\,683\,249\,648\,990\,\backslash\\
&\quad 380\,465\,254\,419\,508\,914\,703\,680\,754\,523\,108\,802\,560\,000\,z^{49} +\\
&12\,882\,193\,056\,013\,834\,223\,581\,707\,489\,463\,192\,133\,394\,694\,917\,842\,929\,857\,318\,525\,990\,270\,093\,730\,649\,\backslash\\
&\quad 789\,455\,279\,002\,769\,938\,191\,899\,944\,475\,790\,753\,434\,511\,487\,717\,646\,658\,792\,434\,963\,838\,320\,809\,696\,\backslash\\
&\quad 906\,853\,258\,569\,068\,713\,108\,867\,713\,236\,729\,856\,000\,000\,z^{50} +\\
&1\,977\,301\,259\,696\,702\,946\,610\,078\,514\,301\,735\,655\,968\,061\,876\,494\,214\,551\,384\,002\,464\,801\,196\,822\,203\,\backslash\\
&\quad 571\,529\,945\,785\,334\,290\,340\,196\,059\,219\,860\,484\,530\,349\,386\,814\,077\,426\,265\,054\,003\,063\,540\,131\,997\,\backslash\\
&\quad 399\,082\,934\,496\,429\,863\,640\,936\,304\,872\,983\,101\,440\,000\,000\,z^{51} -\\
&55\,719\,850\,970\,509\,758\,264\,172\,242\,949\,827\,307\,593\,650\,139\,239\,900\,008\,629\,215\,030\,677\,957\,245\,998\,188\,\backslash\\
&\quad 116\,286\,003\,316\,841\,054\,342\,147\,059\,805\,753\,050\,339\,570\,561\,574\,911\,621\,817\,123\,105\,671\,198\,652\,552\,\backslash\\
&\quad 932\,784\,797\,521\,653\,126\,729\,431\,766\,962\,012\,160\,000\,000\,000\,z^{52} -\\
&1\,952\,423\,385\,807\,244\,421\,813\,878\,924\,708\,691\,004\,117\,902\,306\,401\,973\,774\,609\,664\,586\,360\,885\,674\,232\,\backslash\\
&\quad 783\,114\,390\,285\,635\,587\,518\,234\,859\,423\,662\,836\,039\,269\,224\,741\,627\,861\,848\,196\,545\,819\,789\,410\,756\,\backslash\\
&\quad 474\,988\,430\,981\,997\,839\,849\,141\,256\,649\,808\,281\,600\,000\,000\,000\,z^{53} -\\
&132\,352\,381\,332\,175\,384\,541\,326\,498\,569\,677\,639\,486\,194\,458\,315\,733\,888\,349\,953\,466\,134\,394\,753\,049\,\backslash\\
&\quad 345\,489\,902\,768\,351\,526\,523\,042\,028\,775\,819\,896\,283\,380\,996\,649\,399\,233\,449\,226\,209\,412\,988\,149\,031\,\backslash\\
&\quad 375\,553\,368\,718\,722\,900\,095\,633\,124\,536\,981\,913\,600\,000\,000\,000\,000\,z^{54} -\\
&323\,639\,321\,886\,233\,387\,143\,382\,062\,087\,359\,177\,334\,406\,107\,830\,702\,612\,600\,043\,426\,819\,856\,557\,172\,\backslash\\
&\quad 106\,793\,551\,803\,328\,275\,324\,691\,760\,305\,221\,794\,600\,985\,040\,286\,588\,557\,541\,936\,294\,353\,590\,898\,010\,\backslash\\
&\quad 962\,723\,786\,786\,075\,465\,671\,469\,918\,616\,289\,280\,000\,000\,000\,000\,000\,z^{55}\Big)\,\Theta_z^{10} +\\
&\Big(-27\,198\,347\,885\,141\,154\,244\,204\,500 + 17\,382\,415\,244\,199\,992\,547\,617\,114\,574\,988\,950\,z -\\
&\quad 123\,204\,024\,492\,736\,822\,163\,957\,861\,132\,500\,175\,107\,500\,z^2 +\\
&\quad 174\,588\,552\,825\,960\,360\,333\,643\,208\,750\,580\,489\,544\,385\,222\,820\,z^3 +\\
&\quad 74\,529\,616\,428\,803\,848\,530\,252\,470\,476\,253\,353\,220\,125\,867\,203\,406\,800\,z^4 -\\
&\quad 76\,274\,242\,233\,290\,408\,281\,884\,286\,008\,907\,167\,425\,812\,711\,761\,457\,950\,457\,920\,z^5 -\\
&\quad 1\,068\,553\,836\,993\,900\,428\,347\,308\,353\,333\,896\,781\,493\,873\,858\,010\,741\,219\,910\,336\,256\,z^6 +
\end{aligned}
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\begin{aligned}
&4\,272\,851\,330\,581\,869\,463\,847\,678\,786\,034\,577\,810\,581\,030\,662\,569\,508\,711\,489\,583\,512\,143\,872\, z^7 - \\
&923\,193\,594\,965\,190\,109\,273\,911\,540\,811\,997\,647\,832\,357\,260\,479\,438\,385\,700\,529\,528\,814\,927\,872\, z^8 + \\
&4\,929\,032\,644\,845\,266\,871\,079\,450\,609\,847\,473\,190\,957\,461\,156\,394\,208\,787\,606\,419\,755\,648\,051\,248\,103 \\
&\quad 424\, z^9 + \\
&153\,242\,024\,258\,760\,269\,543\,158\,795\,728\,066\,716\,530\,221\,736\,870\,712\,144\,041\,769\,733\,986\,144\,957\,380 \\
&\quad 725\,571\,584\, z^{10} + \\
&5\,247\,986\,892\,654\,273\,181\,018\,313\,320\,532\,210\,155\,356\,537\,269\,334\,670\,692\,391\,595\,288\,252\,888\,120\,480 \\
&\quad 152\,154\,013\,696\, z^{11} + \\
&15\,834\,496\,141\,318\,873\,994\,673\,625\,588\,582\,193\,800\,509\,113\,894\,727\,747\,002\,450\,735\,648\,968\,604\,506\,812 \\
&\quad 443\,470\,224\,949\,248\, z^{12} + \\
&229\,816\,128\,695\,486\,734\,681\,198\,818\,045\,822\,315\,059\,044\,768\,695\,237\,953\,377\,022\,926\,892\,111\,915\,519 \\
&\quad 668\,897\,196\,054\,421\,700\,608\, z^{13} + \\
&378\,039\,254\,467\,909\,864\,911\,156\,533\,382\,985\,618\,787\,685\,010\,064\,924\,727\,267\,968\,305\,434\,487\,838\,053 \\
&\quad 747\,910\,482\,613\,916\,634\,447\,872\, z^{14} + \\
&7\,005\,598\,671\,326\,924\,401\,233\,201\,974\,734\,621\,943\,036\,144\,447\,409\,654\,039\,118\,761\,340\,312\,800\,325\,810 \\
&\quad 973\,282\,643\,973\,410\,585\,185\,353\,728\, z^{15} - \\
&11\,026\,710\,407\,835\,266\,610\,305\,995\,268\,559\,101\,449\,988\,107\,454\,307\,911\,644\,015\,778\,989\,705\,049\,454\,650 \\
&\quad 881\,942\,997\,433\,104\,301\,264\,375\,644\,160\, z^{16} - \\
&253\,306\,894\,668\,475\,882\,906\,999\,584\,828\,825\,485\,527\,180\,517\,213\,181\,653\,097\,343\,789\,935\,094\,761\,716 \\
&\quad 406\,547\,248\,741\,512\,851\,139\,292\,278\,191\,816\,704\, z^{17} + \\
&186\,037\,333\,667\,526\,579\,709\,656\,364\,926\,115\,987\,944\,445\,383\,568\,242\,779\,172\,024\,578\,683\,390\,989\,164 \\
&\quad 352\,197\,139\,370\,968\,835\,291\,468\,191\,776\,775\,340\,032\, z^{18} - \\
&461\,547\,149\,520\,452\,194\,305\,020\,274\,920\,646\,689\,792\,889\,829\,569\,363\,634\,146\,986\,861\,744\,426\,720\,334 \\
&\quad 858\,596\,680\,434\,087\,837\,080\,407\,206\,256\,254\,816\,092\,160\, z^{19} + \\
&35\,708\,577\,415\,285\,449\,272\,751\,876\,559\,890\,376\,195\,950\,304\,598\,836\,243\,625\,322\,979\,901\,694\,889\,335\,919 \\
&\quad 956\,195\,023\,286\,863\,084\,025\,937\,621\,989\,369\,134\,972\,928\, z^{20} - \\
&2\,369\,962\,548\,713\,876\,601\,521\,660\,813\,462\,655\,762\,750\,813\,217\,275\,968\,036\,522\,180\,589\,535\,608\,968\,942 \\
&\quad 192\,540\,971\,000\,439\,222\,770\,836\,686\,539\,332\,498\,393\,277\,661\,184\, z^{21} - \\
&8\,347\,374\,089\,204\,876\,926\,323\,459\,145\,125\,708\,671\,604\,675\,928\,006\,690\,131\,944\,810\,578\,686\,960\,720\,141 \\
&\quad 417\,100\,534\,067\,275\,451\,409\,226\,323\,160\,330\,244\,324\,239\,242\,952\,704\, z^{22} + \\
&14\,699\,029\,441\,670\,292\,216\,185\,977\,757\,865\,788\,042\,159\,935\,221\,295\,202\,952\,652\,541\,853\,858\,450\,700\,289 \\
&\quad 807\,961\,699\,509\,822\,613\,045\,769\,187\,890\,224\,843\,881\,211\,194\,222\,051\,328\, z^{23} - \\
&14\,182\,024\,728\,311\,310\,123\,781\,668\,807\,457\,304\,513\,616\,508\,971\,677\,537\,565\,618\,410\,020\,230\,619\,834\,133 \\
&\quad 111\,127\,932\,682\,256\,474\,949\,592\,272\,796\,465\,673\,638\,639\,931\,984\,107\,798\,528\, z^{24} - \\
&9\,348\,656\,835\,169\,466\,442\,286\,273\,589\,264\,550\,349\,424\,090\,668\,406\,803\,065\,947\,319\,515\,910\,265\,774\,225 \\
&\quad 057\,999\,962\,537\,149\,075\,425\,628\,683\,713\,406\,242\,645\,661\,886\,952\,401\,358\,815\,232\, z^{25} + \\
&16\,473\,634\,822\,256\,844\,644\,305\,941\,897\,036\,649\,554\,987\,312\,435\,006\,701\,442\,153\,092\,403\,751\,540\,799\,686 \\
&\quad 435\,211\,505\,655\,175\,924\,377\,602\,362\,014\,815\,393\,119\,349\,109\,286\,029\,005\,617\,627\,136\, z^{26} + \\
&8\,892\,991\,584\,770\,519\,912\,594\,559\,637\,736\,508\,701\,520\,080\,506\,355\,383\,164\,571\,044\,429\,879\,512\,431\,164 \\
&\quad 808\,952\,150\,207\,701\,548\,697\,607\,549\,707\,149\,929\,897\,963\,345\,556\,111\,579\,838\,572\,134\,400\, z^{27} + \\
&2\,231\,914\,818\,287\,731\,159\,404\,554\,260\,555\,197\,778\,463\,027\,617\,177\,365\,313\,716\,307\,182\,282\,274\,835\,199 \\
&\quad 657\,541\,119\,317\,411\,069\,377\,458\,711\,113\,313\,927\,274\,730\,589\,243\,467\,120\,510\,923\,280\,744\,448\, z^{28} + \\
&6\,293\,441\,579\,059\,843\,615\,415\,525\,380\,794\,987\,808\,117\,538\,199\,269\,444\,033\,364\,269\,222\,152\,427\,679\,132 \\
&\quad 680\,719\,621\,997\,748\,629\,396\,534\,717\,832\,575\,217\,363\,327\,477\,170\,990\,583\,246\,192\,661\,827\,158\,016\, z^{29} - \\
&6\,758\,314\,364\,842\,970\,748\,156\,998\,048\,651\,339\,449\,687\,093\,967\,320\,597\,379\,340\,671\,454\,844\,288\,625\,937 \\
&\quad 493\,442\,077\,829\,029\,592\,139\,712\,226\,940\,006\,688\,235\,950\,785\,355\,014\,489\,786\,713\,642\,295\,657\,234\,432 \\
&\quad z^{30} + \\
&1\,932\,153\,862\,021\,822\,725\,146\,225\,593\,762\,017\,735\,087\,733\,332\,333\,554\,638\,060\,421\,754\,262\,912\,938\,932 \\
&\quad 891\,326\,679\,180\,145\,483\,724\,831\,666\,722\,639\,916\,368\,852\,711\,178\,676\,336\,438\,430\,297\,244\,256\,232\,800 \\
&\quad 256\, z^{31} + \\
&203\,350\,067\,232\,097\,575\,776\,447\,789\,940\,635\,659\,071\,684\,726\,410\,662\,963\,975\,942\,570\,476\,867\,072\,848
\end{aligned}
$$

301 335 331 740 810 088 071 753 787 968 565 058 894 335 852 980 302 053 802 654 633 393 935 063 743 ∴
201 280 z^{32} +
1 307 686 578 903 610 474 487 535 328 168 655 661 589 526 591 443 629 662 059 258 900 313 082 857 492 ∴
001 886 207 360 532 615 068 011 084 127 299 034 668 712 966 099 231 422 214 862 129 686 721 348 307 ∴
391 610 880 z^{33} +
129 872 260 221 336 511 173 655 661 265 682 610 480 883 332 569 436 077 761 017 050 573 986 742 496 ∴
335 773 783 175 357 934 341 360 896 737 771 937 990 753 809 832 512 981 800 385 732 249 722 832 923 ∴
424 767 082 496 z^{34} +
72 462 119 797 925 700 071 139 376 190 809 633 847 907 623 802 488 005 253 434 119 755 618 164 625 597 ∴
393 380 782 100 506 306 609 216 876 268 531 747 525 466 844 537 237 333 345 002 127 552 630 347 432 ∴
321 724 973 056 z^{35} −
74 996 980 809 026 363 209 769 842 811 630 835 831 139 160 948 777 613 307 113 677 310 825 456 427 573 ∴
708 313 156 130 673 781 325 879 306 258 473 437 376 890 606 676 025 732 655 484 793 523 294 476 719 ∴
450 991 863 267 328 z^{36} +
7 375 861 287 538 829 063 605 229 690 410 048 342 903 078 570 894 013 131 556 510 116 287 857 161 519 ∴
526 345 545 353 149 656 646 476 336 200 204 231 553 839 284 316 850 878 982 307 191 148 234 052 322 ∴
731 949 594 433 814 528 z^{37} −
2 353 328 791 982 501 012 007 106 823 791 576 783 869 064 587 878 395 662 880 236 519 810 633 291 029 ∴
980 562 917 245 685 645 333 531 378 866 589 948 212 379 231 602 139 119 370 736 826 806 778 064 915 ∴
480 255 407 345 383 768 064 z^{38} +
303 089 506 607 539 702 714 545 552 586 563 593 012 252 774 586 665 636 315 137 255 329 080 942 885 ∴
359 441 384 953 007 213 814 388 081 597 498 209 863 771 888 413 294 422 447 748 884 083 129 587 884 ∴
849 605 547 177 965 592 248 320 z^{39} +
97 002 399 114 697 646 881 450 615 776 781 320 458 611 930 493 735 107 723 782 557 754 512 338 422 414 ∴
414 650 367 467 888 676 463 527 251 043 451 992 390 463 455 925 756 460 024 313 624 564 174 275 961 ∴
361 701 408 419 991 936 565 248 z^{40} −
1 867 076 341 388 610 781 772 271 170 125 561 745 176 352 145 021 816 372 370 738 306 886 324 088 722 ∴
710 748 199 574 592 644 471 861 408 746 619 738 352 936 722 134 275 178 522 794 428 270 578 051 028 ∴
646 966 865 986 025 418 905 354 240 z^{41} +
1 298 579 030 007 095 943 097 354 499 954 001 311 825 720 933 148 993 582 560 972 180 551 199 287 658 ∴
179 367 056 075 024 402 784 954 501 076 584 067 424 695 253 521 680 409 548 774 433 134 135 240 318 ∴
538 765 036 584 172 110 341 786 828 800 z^{42} +
570 933 872 437 855 295 380 610 674 120 624 548 898 791 874 717 324 956 319 307 760 840 318 000 966 ∴
741 879 109 445 471 864 100 730 131 507 165 565 416 638 296 424 320 064 210 234 688 053 098 658 142 ∴
042 437 875 298 321 520 051 537 177 477 120 z^{43} −
82 497 476 270 592 190 464 210 949 615 455 395 482 699 738 538 402 851 880 167 190 960 969 101 616 032 ∴
605 506 304 301 205 359 179 918 362 900 457 584 690 393 091 489 005 231 159 142 567 833 136 712 329 ∴
249 156 302 178 905 892 944 921 839 534 080 z^{44} +
8 395 215 218 078 680 850 171 436 862 379 620 701 527 126 788 528 132 832 203 971 196 472 230 695 537 ∴
437 409 290 200 690 910 183 359 353 753 771 722 719 433 844 345 558 999 128 576 298 541 468 160 111 ∴
943 987 085 562 765 374 825 776 594 278 154 240 z^{45} −
524 131 209 726 186 489 289 737 274 682 745 709 292 602 171 384 242 314 619 111 518 909 221 217 510 ∴
582 848 433 944 931 983 568 516 858 159 749 830 256 261 933 498 915 187 312 239 319 630 330 008 277 ∴
599 932 927 734 782 812 551 211 049 727 243 059 200 z^{46} −
549 422 992 056 246 837 830 224 710 094 165 606 608 839 484 748 839 009 554 818 698 636 571 890 317 ∴
419 590 436 940 817 069 709 792 060 715 254 713 423 430 461 319 761 275 698 820 701 103 827 107 182 ∴
267 788 284 404 097 149 345 231 621 168 352 460 800 z^{47} +
300 322 677 236 500 028 962 187 318 045 418 964 230 265 473 286 103 500 649 315 187 092 065 271 342 ∴
292 993 020 149 203 099 418 865 633 706 635 673 324 959 767 289 624 989 457 583 908 122 868 522 630 ∴
110 656 854 458 940 594 787 946 783 012 112 302 080 000 z^{48} +
20 811 384 796 490 607 568 360 199 520 431 901 997 528 608 452 456 383 913 332 801 341 113 708 224 876 ∴

$$
\begin{aligned}
&561\,195\,767\,441\,630\,296\,738\,010\,490\,417\,918\,727\,886\,473\,209\,843\,532\,146\,251\,242\,115\,523\,595\,243\,200\,\backslash\\
&\quad 585\,063\,346\,215\,052\,234\,394\,164\,191\,818\,720\,215\,040\,000\,z^{49} -\\
&45\,956\,618\,248\,787\,401\,342\,416\,775\,525\,461\,815\,841\,622\,465\,849\,189\,208\,840\,833\,552\,606\,383\,153\,201\,196\,\backslash\\
&\quad 669\,292\,123\,424\,572\,023\,941\,595\,613\,107\,221\,702\,125\,836\,337\,473\,640\,335\,461\,598\,012\,504\,388\,972\,485\,\backslash\\
&\quad 313\,159\,100\,820\,788\,623\,488\,798\,615\,626\,842\,112\,000\,000\,z^{50} +\\
&1\,792\,693\,438\,884\,244\,831\,387\,995\,143\,070\,536\,129\,112\,564\,383\,247\,731\,874\,268\,066\,327\,316\,784\,319\,324\,\backslash\\
&\quad 142\,217\,059\,707\,020\,500\,128\,048\,022\,531\,446\,960\,446\,813\,537\,564\,316\,562\,258\,090\,834\,744\,850\,142\,434\,\backslash\\
&\quad 697\,383\,736\,145\,776\,194\,459\,152\,352\,878\,348\,206\,080\,000\,000\,z^{51} -\\
&435\,701\,314\,592\,902\,492\,023\,227\,423\,429\,657\,993\,755\,008\,792\,557\,130\,874\,365\,644\,614\,017\,276\,874\,943\,\backslash\\
&\quad 612\,864\,097\,929\,641\,509\,292\,505\,328\,272\,933\,707\,551\,741\,977\,392\,846\,248\,994\,172\,132\,464\,210\,486\,968\,\backslash\\
&\quad 673\,749\,355\,372\,986\,645\,794\,942\,169\,696\,813\,711\,360\,000\,000\,000\,z^{52} -\\
&13\,967\,733\,678\,738\,040\,644\,904\,972\,315\,260\,524\,135\,413\,283\,719\,822\,870\,900\,789\,667\,662\,010\,145\,192\,892\,\backslash\\
&\quad 131\,857\,868\,447\,041\,758\,465\,364\,294\,553\,335\,946\,537\,314\,280\,361\,957\,324\,338\,496\,718\,208\,563\,523\,536\,\backslash\\
&\quad 274\,293\,479\,981\,467\,881\,893\,709\,888\,259\,883\,008\,000\,000\,000\,000\,z^{53} -\\
&571\,378\,288\,593\,803\,455\,985\,923\,776\,689\,671\,547\,032\,370\,784\,858\,717\,520\,584\,008\,903\,821\,264\,164\,633\,\backslash\\
&\quad 811\,425\,729\,585\,491\,443\,089\,137\,599\,706\,499\,446\,475\,809\,812\,164\,416\,480\,439\,433\,230\,034\,232\,946\,739\,\backslash\\
&\quad 159\,861\,941\,760\,949\,586\,669\,865\,437\,413\,926\,502\,400\,000\,000\,000\,000\,z^{54} -\\
&1\,346\,929\,885\,296\,972\,921\,522\,085\,328\,117\,642\,345\,165\,102\,782\,003\,578\,972\,957\,533\,811\,878\,480\,267\,576\,\backslash\\
&\quad 161\,654\,410\,892\,757\,032\,624\,609\,327\,196\,068\,375\,508\,849\,191\,722\,728\,645\,446\,806\,856\,198\,093\,974\,917\,\backslash\\
&\quad 885\,552\,048\,543\,667\,151\,938\,881\,831\,860\,961\,280\,000\,000\,000\,000\,000\,z^{55}\Big)\,\theta_z^9 +\\
&\Big(13\,199\,192\,465\,972\,478\,722\,961\,750 - 8\,790\,920\,659\,252\,135\,400\,187\,291\,072\,266\,375\,z +\\
&\quad 63\,563\,532\,011\,343\,093\,724\,603\,746\,390\,011\,094\,686\,450\,z^2 -\\
&\quad 96\,381\,600\,312\,590\,449\,511\,739\,348\,721\,454\,809\,236\,256\,189\,150\,z^3 -\\
&\quad 31\,800\,170\,250\,952\,748\,728\,870\,693\,871\,689\,121\,712\,611\,877\,526\,890\,440\,z^4 +\\
&\quad 49\,916\,095\,699\,137\,605\,076\,043\,957\,310\,952\,880\,660\,769\,503\,225\,360\,807\,967\,840\,z^5 +\\
&\quad 2\,323\,641\,706\,961\,344\,402\,173\,536\,987\,049\,195\,308\,080\,558\,888\,160\,670\,516\,761\,988\,608\,z^6 -\\
&\quad 3\,579\,806\,954\,581\,154\,239\,621\,901\,750\,345\,319\,669\,899\,000\,324\,199\,377\,040\,587\,916\,240\,355\,328\,z^7 +\\
&\quad 4\,055\,643\,419\,299\,000\,819\,023\,117\,182\,429\,124\,286\,363\,339\,110\,907\,904\,831\,062\,363\,472\,348\,807\,168\,z^8 -\\
&\quad 4\,904\,722\,994\,398\,856\,702\,012\,519\,548\,999\,936\,945\,952\,643\,814\,013\,192\,789\,865\,329\,582\,535\,156\,189\,626\,\backslash\\
&\quad\quad 368\,z^9 -\\
&\quad 150\,735\,843\,091\,884\,821\,556\,193\,965\,021\,113\,285\,137\,368\,898\,905\,522\,408\,214\,614\,938\,621\,640\,290\,785\,\backslash\\
&\quad\quad 826\,963\,456\,z^{10} -\\
&\quad 5\,800\,941\,469\,477\,385\,622\,215\,541\,527\,929\,809\,761\,998\,161\,671\,923\,956\,218\,898\,562\,458\,660\,634\,585\,014\,\backslash\\
&\quad\quad 658\,089\,877\,504\,z^{11} -\\
&\quad 17\,686\,877\,926\,705\,397\,007\,129\,234\,768\,380\,312\,370\,896\,091\,631\,918\,564\,378\,295\,687\,516\,482\,399\,510\,130\,\backslash\\
&\quad\quad 687\,325\,170\,040\,832\,z^{12} -\\
&\quad 345\,464\,191\,985\,390\,423\,208\,863\,195\,620\,143\,793\,685\,245\,009\,360\,562\,553\,444\,128\,716\,371\,779\,781\,560\,\backslash\\
&\quad\quad 718\,221\,730\,317\,902\,807\,040\,z^{13} -\\
&\quad 555\,969\,326\,123\,648\,971\,135\,946\,398\,689\,533\,771\,517\,020\,738\,187\,070\,119\,158\,072\,561\,686\,859\,355\,371\,\backslash\\
&\quad\quad 119\,432\,424\,839\,354\,035\,208\,192\,z^{14} -\\
&\quad 15\,950\,491\,249\,421\,726\,414\,185\,565\,206\,729\,955\,030\,667\,956\,469\,262\,563\,418\,879\,053\,347\,499\,364\,348\,159\,\backslash\\
&\quad\quad 083\,931\,961\,780\,633\,231\,354\,232\,832\,z^{15} +\\
&\quad 22\,801\,104\,215\,151\,994\,617\,507\,622\,127\,017\,493\,662\,044\,143\,581\,989\,230\,182\,763\,252\,478\,035\,258\,140\,666\,\backslash\\
&\quad\quad 598\,298\,538\,502\,910\,387\,355\,887\,075\,328\,z^{16} +\\
&\quad 304\,248\,494\,200\,263\,914\,548\,899\,576\,406\,517\,633\,250\,529\,254\,969\,019\,092\,837\,847\,578\,296\,646\,094\,150\,\backslash\\
&\quad\quad 748\,663\,828\,655\,285\,481\,359\,638\,058\,254\,729\,216\,z^{17} -\\
&\quad 336\,026\,312\,172\,181\,938\,663\,039\,887\,276\,049\,630\,176\,439\,877\,882\,243\,675\,425\,058\,935\,148\,737\,758\,833\,\backslash\\
&\quad\quad 600\,153\,102\,502\,067\,094\,415\,020\,752\,372\,836\,073\,472\,z^{18} -\\
&\quad 442\,424\,622\,263\,961\,742\,680\,298\,889\,922\,506\,277\,552\,536\,853\,023\,426\,795\,459\,038\,704\,838\,373\,477\,551\,\backslash\\
&\quad\quad 982\,187\,417\,026\,005\,474\,206\,548\,019\,650\,761\,305\,620\,480\,z^{19} +\\
&\quad 5\,648\,584\,922\,533\,743\,760\,483\,437\,752\,403\,577\,351\,581\,361\,022\,484\,728\,809\,238\,645\,281\,448\,634\,914\,745\,\backslash
\end{aligned}
$$

721 607 484 087 605 342 318 229 054 028 526 620 302 639 104 z^{20} −
1 983 547 220 244 730 959 664 851 199 791 000 527 699 017 723 624 344 851 808 741 924 006 906 197 432 ÷ 053 753 379 288 495 907 137 694 752 652 144 486 420 777 533 440 z^{21} −
13 786 853 074 464 642 848 209 118 950 637 855 328 101 235 673 558 456 819 792 630 564 760 636 524 685 ÷ 363 081 782 899 876 512 667 626 163 423 280 645 384 448 245 760 000 z^{22} +
33 469 547 961 497 730 109 924 760 855 677 438 766 314 329 596 516 843 076 442 044 915 392 555 650 151 ÷ 162 156 732 250 254 467 141 446 534 728 894 957 142 741 676 936 134 656 z^{23} −
58 390 201 651 248 293 671 627 628 751 467 304 731 641 305 562 294 634 097 218 718 096 461 294 366 190 ÷ 908 697 835 467 481 789 055 835 540 345 333 317 427 312 679 627 993 907 200 z^{24} −
10 075 132 262 481 977 026 018 116 122 173 545 845 047 414 463 199 950 012 873 717 620 380 788 130 039 ÷ 200 645 304 137 190 128 429 947 752 485 367 293 377 673 317 256 568 221 204 480 z^{25} +
23 095 314 015 693 333 531 058 679 192 557 853 125 494 429 714 660 198 866 508 415 460 408 241 786 801 ÷ 556 286 481 809 510 282 809 415 466 984 158 888 961 175 190 280 124 179 220 004 864 z^{26} +
6 020 463 230 400 283 041 144 395 479 583 832 327 735 617 183 344 264 107 904 878 766 567 319 898 323 ÷ 892 701 117 893 823 603 539 249 230 897 458 318 882 796 869 822 018 677 199 536 652 288 z^{27} −
19 444 564 116 182 742 531 027 957 055 103 851 552 349 717 057 017 509 093 902 099 310 346 252 249 500 ÷ 445 395 156 355 588 881 820 570 943 118 712 465 967 483 126 167 584 676 557 770 614 374 400 z^{28} −
6 571 165 431 572 707 301 962 489 051 140 038 959 482 742 096 600 315 309 532 781 246 281 153 838 378 ÷ 162 081 233 855 172 774 432 673 559 975 629 320 203 461 522 884 639 493 564 795 052 833 636 352 z^{29} −
21 057 257 619 992 738 718 239 997 652 600 081 387 699 243 007 363 503 590 618 610 211 927 695 420 051 ÷ 874 120 361 030 007 137 928 281 032 781 750 501 245 480 027 587 279 542 739 397 977 645 097 418 752 z^{30} +
7 597 620 004 428 316 308 277 915 595 951 035 150 415 070 738 564 091 153 709 701 453 359 314 508 823 ÷ 193 838 487 342 115 402 861 860 443 734 377 027 889 942 771 875 083 283 340 054 688 719 481 042 108 ÷ 416 z^{31} +
2 477 921 857 850 102 384 670 098 356 527 935 173 831 608 949 419 285 069 308 941 272 480 554 188 108 ÷ 325 809 268 820 193 919 836 484 550 343 082 776 651 263 311 648 596 435 805 859 047 979 483 147 878 ÷ 268 928 z^{32} +
3 182 267 459 973 774 014 828 345 146 045 058 440 246 378 221 434 774 143 442 754 552 481 749 191 407 ÷ 136 401 405 182 378 256 431 937 809 820 531 718 881 407 688 191 404 479 216 255 507 882 696 923 299 ÷ 989 946 368 z^{33} +
46 873 571 977 626 992 904 543 687 858 497 353 270 575 428 532 118 271 912 341 977 604 719 698 549 635 ÷ 725 614 362 727 622 084 671 456 687 679 431 201 364 083 768 251 352 011 994 465 635 982 306 158 384 ÷ 322 183 168 z^{34} +
7 515 148 106 353 536 950 087 447 962 254 338 023 637 346 926 569 623 635 587 777 575 894 856 840 204 ÷ 271 402 422 701 433 100 999 541 834 516 388 013 009 680 929 313 870 681 807 641 489 486 726 084 034 ÷ 073 662 062 592 z^{35} −
189 112 701 126 401 804 354 130 951 832 433 496 687 410 400 471 102 052 728 783 306 560 133 001 243 ÷ 109 939 031 915 074 717 881 673 131 120 626 615 712 620 737 167 958 615 459 417 360 805 594 391 795 ÷ 449 801 509 817 024 512 z^{36} +
27 429 528 862 102 260 135 103 751 699 755 840 757 768 311 143 988 716 998 084 207 773 522 382 658 492 ÷ 390 959 919 238 636 505 612 184 233 265 150 170 502 749 528 000 244 560 916 540 062 641 736 488 162 ÷ 884 262 832 340 205 568 z^{37} −
3 884 398 673 241 208 595 860 493 946 368 410 205 129 013 198 062 698 570 211 411 199 284 972 720 623 ÷ 361 517 938 316 188 284 550 539 423 067 788 041 385 091 581 736 542 913 789 773 964 666 271 794 186 ÷ 087 249 035 865 756 794 880 z^{38} +
1 535 336 123 302 276 855 017 855 218 835 171 222 451 846 068 251 132 451 165 180 272 787 731 872 846 ÷ 321 668 584 961 160 356 192 868 815 433 737 135 817 482 559 429 814 784 968 699 480 971 867 684 744 ÷ 415 372 604 042 071 636 967 424 z^{39} +
283 584 126 189 476 433 471 930 175 751 408 313 391 396 278 424 963 739 854 369 093 979 531 429 110 ÷ 763 262 647 251 609 375 936 235 332 298 473 200 203 240 223 372 933 837 271 028 529 343 431 728 969 ÷

$$
\begin{aligned}
&232\,700\,653\,821\,814\,440\,820\,998\,144\,z^{40} -\\
&1\,204\,144\,128\,131\,664\,806\,832\,406\,000\,974\,751\,594\,134\,687\,371\,280\,717\,193\,945\,443\,492\,728\,585\,960\,123\,\backslash\\
&\quad 194\,988\,204\,071\,656\,503\,608\,699\,590\,746\,964\,970\,782\,429\,547\,890\,762\,860\,871\,195\,119\,810\,374\,934\,393\,\backslash\\
&\quad 300\,033\,290\,529\,751\,988\,038\,533\,120\,z^{41} +\\
&4\,991\,994\,699\,205\,562\,282\,635\,429\,712\,231\,656\,179\,757\,562\,041\,771\,206\,857\,393\,456\,772\,203\,022\,849\,543\,\backslash\\
&\quad 830\,184\,726\,686\,777\,966\,369\,591\,944\,947\,584\,974\,869\,154\,896\,512\,509\,072\,419\,213\,812\,002\,802\,573\,817\,\backslash\\
&\quad 785\,795\,719\,516\,115\,038\,979\,762\,421\,760\,z^{42} +\\
&1\,198\,914\,829\,554\,758\,315\,378\,376\,220\,758\,698\,597\,086\,760\,924\,795\,974\,043\,923\,838\,886\,691\,689\,753\,518\,\backslash\\
&\quad 595\,853\,075\,444\,118\,252\,495\,173\,301\,254\,301\,960\,645\,630\,117\,570\,069\,088\,864\,877\,833\,839\,992\,366\,627\,\backslash\\
&\quad 796\,671\,424\,089\,476\,407\,334\,108\,271\,738\,880\,z^{43} -\\
&228\,535\,357\,678\,003\,551\,016\,261\,921\,600\,996\,260\,452\,909\,952\,274\,235\,658\,454\,373\,036\,940\,928\,979\,801\,\backslash\\
&\quad 846\,853\,532\,283\,480\,351\,264\,693\,579\,256\,568\,585\,590\,713\,696\,926\,428\,706\,338\,084\,486\,707\,930\,322\,349\,\backslash\\
&\quad 104\,444\,545\,527\,168\,421\,748\,782\,486\,477\,864\,960\,z^{44} +\\
&22\,670\,408\,978\,621\,818\,856\,446\,465\,417\,476\,731\,200\,803\,922\,597\,669\,984\,404\,349\,804\,941\,132\,728\,836\,924\,\backslash\\
&\quad 321\,397\,969\,747\,943\,491\,015\,234\,502\,614\,158\,411\,768\,109\,316\,750\,239\,230\,482\,957\,985\,945\,145\,105\,942\,\backslash\\
&\quad 172\,200\,974\,542\,048\,603\,689\,250\,628\,273\,438\,720\,z^{45} -\\
&1\,601\,865\,980\,261\,212\,649\,828\,627\,677\,263\,847\,382\,883\,898\,031\,616\,487\,712\,291\,093\,794\,575\,761\,407\,562\,\backslash\\
&\quad 924\,224\,176\,785\,996\,343\,894\,514\,040\,714\,135\,969\,402\,808\,642\,960\,831\,410\,395\,025\,858\,370\,680\,977\,524\,\backslash\\
&\quad 970\,865\,162\,243\,036\,310\,875\,226\,727\,500\,690\,227\,200\,z^{46} +\\
&14\,028\,963\,429\,311\,893\,371\,366\,141\,422\,984\,916\,761\,682\,063\,810\,702\,367\,495\,781\,762\,742\,541\,482\,136\,049\,\backslash\\
&\quad 339\,026\,174\,141\,651\,683\,130\,808\,531\,333\,582\,103\,219\,665\,076\,252\,982\,501\,923\,760\,745\,559\,990\,398\,134\,\backslash\\
&\quad 458\,054\,046\,180\,898\,528\,979\,417\,107\,047\,383\,040\,000\,z^{47} +\\
&1\,541\,774\,696\,421\,359\,718\,261\,761\,916\,365\,136\,939\,013\,517\,976\,703\,709\,735\,192\,303\,606\,976\,942\,399\,087\,\backslash\\
&\quad 302\,713\,883\,130\,945\,233\,342\,310\,996\,728\,324\,218\,295\,583\,026\,527\,871\,477\,352\,941\,539\,278\,964\,378\,561\,\backslash\\
&\quad 139\,746\,007\,063\,616\,543\,832\,416\,325\,578\,973\,511\,680\,000\,z^{48} +\\
&69\,874\,788\,161\,002\,156\,704\,435\,154\,305\,060\,755\,884\,237\,745\,332\,265\,122\,769\,919\,500\,141\,693\,571\,608\,866\,\backslash\\
&\quad 041\,708\,381\,227\,416\,257\,642\,989\,987\,793\,250\,398\,357\,869\,953\,724\,766\,246\,979\,292\,176\,271\,010\,475\,389\,\backslash\\
&\quad 171\,866\,484\,880\,063\,884\,419\,256\,958\,011\,268\,136\,960\,000\,z^{49} -\\
&380\,922\,398\,835\,365\,724\,032\,957\,520\,522\,986\,362\,221\,683\,987\,030\,198\,480\,224\,799\,525\,755\,660\,162\,815\,\backslash\\
&\quad 929\,588\,725\,992\,656\,804\,741\,826\,813\,193\,645\,821\,596\,209\,904\,793\,954\,830\,666\,522\,146\,464\,870\,933\,712\,\backslash\\
&\quad 739\,288\,398\,905\,098\,803\,528\,274\,313\,746\,478\,792\,704\,000\,000\,z^{50} -\\
&7\,295\,377\,225\,196\,969\,082\,718\,733\,960\,616\,109\,563\,714\,486\,582\,205\,411\,959\,141\,673\,212\,273\,629\,054\,352\,\backslash\\
&\quad 562\,514\,335\,783\,742\,649\,916\,108\,031\,146\,306\,411\,121\,592\,475\,518\,830\,365\,242\,264\,297\,154\,055\,706\,411\,\backslash\\
&\quad 275\,754\,795\,425\,803\,731\,891\,579\,652\,221\,320\,560\,640\,000\,000\,z^{51} -\\
&1\,732\,898\,330\,685\,880\,543\,596\,145\,816\,162\,872\,534\,740\,898\,660\,151\,947\,118\,436\,405\,530\,185\,107\,980\,965\,\backslash\\
&\quad 085\,480\,505\,089\,436\,746\,310\,477\,178\,027\,298\,990\,040\,143\,570\,394\,326\,251\,744\,990\,167\,173\,170\,485\,665\,\backslash\\
&\quad 261\,899\,413\,860\,205\,888\,558\,434\,736\,247\,647\,764\,480\,000\,000\,000\,z^{52} -\\
&54\,011\,201\,645\,717\,929\,855\,200\,811\,783\,421\,452\,202\,390\,746\,865\,805\,735\,630\,945\,009\,194\,070\,038\,589\,219\,\backslash\\
&\quad 725\,284\,000\,968\,118\,096\,843\,679\,033\,856\,013\,911\,714\,382\,851\,286\,325\,204\,938\,685\,318\,239\,721\,227\,756\,\backslash\\
&\quad 962\,990\,720\,336\,205\,930\,241\,046\,480\,970\,317\,824\,000\,000\,000\,000\,z^{53} -\\
&1\,771\,641\,122\,951\,019\,548\,604\,091\,726\,056\,122\,479\,335\,202\,271\,349\,185\,022\,659\,604\,484\,804\,793\,831\,845\,\backslash\\
&\quad 530\,602\,462\,871\,235\,271\,978\,358\,907\,920\,092\,978\,782\,965\,977\,631\,563\,442\,097\,553\,761\,093\,200\,771\,521\,\backslash\\
&\quad 559\,172\,776\,721\,210\,363\,919\,573\,663\,379\,724\,697\,600\,000\,000\,000\,000\,z^{54} -\\
&4\,070\,642\,278\,013\,580\,986\,079\,281\,750\,090\,819\,312\,243\,478\,622\,761\,419\,276\,193\,410\,580\,300\,020\,291\,476\,\backslash\\
&\quad 834\,652\,830\,223\,831\,066\,334\,680\,582\,138\,589\,292\,403\,412\,350\,432\,767\,181\,463\,476\,410\,274\,821\,489\,041\,\backslash\\
&\quad 097\,590\,734\,565\,313\,555\,757\,873\,332\,821\,688\,320\,000\,000\,000\,000\,000\,z^{55}\Big)\,\theta_z^8 +\\
&\Big(-3\,947\,216\,613\,023\,039\,746\,572\,000 + 2\,716\,792\,614\,943\,537\,920\,925\,712\,972\,905\,625\,z -\\
&\quad 19\,855\,797\,166\,178\,778\,449\,962\,279\,684\,086\,722\,403\,300\,z^2 +\\
&\quad 30\,696\,741\,727\,778\,344\,128\,566\,958\,245\,300\,336\,538\,746\,271\,750\,z^3 +\\
&\quad 3\,939\,143\,979\,438\,919\,864\,662\,953\,503\,727\,276\,192\,013\,811\,103\,807\,200\,z^4 -\\
&\quad 19\,257\,749\,067\,968\,832\,664\,763\,990\,731\,840\,886\,719\,372\,656\,074\,803\,282\,736\,800\,z^5 -
\end{aligned}
$$

$$1\,834\,120\,156\,282\,707\,158\,943\,904\,355\,227\,852\,546\,568\,534\,908\,101\,618\,875\,361\,549\,568\,z^6 +$$
$$1\,800\,090\,988\,029\,151\,914\,676\,295\,474\,488\,254\,387\,282\,603\,199\,375\,786\,678\,783\,081\,731\,987\,456\,z^7 -$$
$$6\,097\,333\,792\,578\,386\,356\,403\,679\,687\,165\,052\,621\,051\,901\,586\,445\,290\,942\,211\,548\,554\,728\,570\,880\,z^8 +$$
$$2\,972\,257\,848\,159\,291\,482\,359\,291\,715\,946\,135\,830\,581\,825\,892\,561\,610\,847\,250\,925\,929\,778\,439\,919\,239 \setminus$$
$$168\,z^9 +$$
$$104\,762\,266\,716\,992\,630\,391\,268\,084\,954\,761\,936\,138\,800\,380\,616\,856\,926\,096\,688\,697\,398\,056\,698\,756 \setminus$$
$$575\,789\,056\,z^{10} +$$
$$3\,884\,205\,374\,216\,279\,418\,418\,926\,655\,363\,280\,491\,792\,179\,854\,514\,660\,571\,356\,902\,914\,116\,875\,628\,011 \setminus$$
$$322\,133\,708\,800\,z^{11} +$$
$$19\,879\,898\,707\,423\,550\,034\,817\,459\,169\,277\,009\,119\,015\,672\,298\,980\,901\,679\,472\,395\,176\,576\,663\,134\,375 \setminus$$
$$840\,494\,808\,727\,552\,z^{12} +$$
$$213\,885\,457\,663\,927\,368\,261\,113\,374\,334\,083\,671\,791\,798\,122\,130\,740\,595\,868\,022\,866\,426\,783\,554\,154 \setminus$$
$$789\,385\,777\,650\,469\,961\,728\,z^{13} -$$
$$262\,828\,424\,769\,702\,952\,424\,565\,999\,861\,420\,954\,278\,642\,943\,489\,483\,897\,559\,083\,636\,722\,567\,606\,950 \setminus$$
$$467\,784\,672\,382\,773\,136\,195\,584\,z^{14} +$$
$$5\,999\,990\,424\,957\,720\,410\,419\,273\,906\,120\,442\,532\,859\,607\,526\,070\,137\,375\,078\,223\,889\,376\,282\,206\,132 \setminus$$
$$015\,696\,587\,860\,861\,814\,461\,956\,096\,z^{15} -$$
$$26\,371\,714\,770\,017\,625\,742\,004\,281\,801\,474\,834\,933\,635\,367\,750\,477\,258\,950\,474\,746\,129\,271\,250\,126\,122 \setminus$$
$$137\,141\,315\,344\,352\,953\,084\,328\,017\,920\,z^{16} -$$
$$332\,805\,391\,960\,541\,583\,539\,335\,362\,395\,753\,213\,325\,626\,845\,398\,367\,032\,845\,641\,620\,026\,445\,695\,851 \setminus$$
$$423\,940\,198\,796\,313\,825\,559\,902\,963\,248\,398\,336\,z^{17} +$$
$$1\,010\,792\,751\,726\,838\,175\,749\,746\,043\,891\,784\,871\,058\,350\,236\,895\,221\,682\,200\,528\,161\,196\,700\,403\,246 \setminus$$
$$138\,766\,916\,991\,336\,776\,708\,085\,735\,483\,563\,311\,104\,z^{18} -$$
$$772\,582\,478\,436\,425\,854\,827\,909\,393\,679\,417\,187\,247\,351\,235\,808\,380\,009\,835\,533\,316\,901\,780\,317\,433 \setminus$$
$$624\,787\,905\,372\,518\,340\,062\,329\,928\,108\,123\,153\,760\,256\,z^{19} -$$
$$2\,398\,741\,972\,848\,542\,342\,874\,722\,598\,188\,570\,239\,568\,091\,528\,558\,284\,872\,236\,370\,114\,306\,264\,330\,147 \setminus$$
$$029\,352\,870\,366\,623\,501\,619\,535\,184\,756\,238\,425\,488\,621\,568\,z^{20} -$$
$$15\,952\,590\,122\,276\,883\,333\,241\,100\,057\,849\,357\,783\,173\,027\,466\,792\,561\,578\,358\,297\,491\,084\,873\,924\,274 \setminus$$
$$836\,708\,469\,846\,600\,855\,539\,123\,634\,043\,165\,600\,972\,275\,712\,000\,z^{21} -$$
$$7\,063\,937\,229\,856\,839\,006\,146\,180\,933\,455\,374\,219\,527\,828\,816\,159\,089\,092\,752\,442\,616\,172\,230\,256\,322 \setminus$$
$$670\,007\,318\,424\,798\,216\,545\,949\,177\,414\,897\,388\,361\,172\,893\,302\,784\,z^{22} +$$
$$60\,217\,223\,037\,388\,776\,122\,288\,279\,017\,227\,059\,915\,554\,417\,412\,905\,764\,226\,977\,127\,787\,512\,334\,036\,711 \setminus$$
$$706\,457\,724\,104\,930\,865\,285\,650\,553\,765\,608\,634\,019\,749\,973\,073\,068\,032\,z^{23} -$$
$$84\,967\,814\,559\,294\,079\,121\,232\,976\,242\,891\,694\,274\,855\,920\,913\,014\,999\,555\,456\,517\,680\,125\,237\,111\,471 \setminus$$
$$745\,898\,545\,807\,961\,014\,049\,936\,825\,838\,949\,156\,198\,420\,895\,986\,087\,886\,848\,z^{24} +$$
$$42\,696\,491\,590\,101\,215\,525\,451\,316\,123\,208\,971\,804\,729\,315\,124\,625\,770\,776\,769\,764\,446\,877\,390\,806\,006 \setminus$$
$$994\,576\,140\,527\,727\,077\,914\,578\,957\,742\,858\,050\,493\,349\,593\,806\,667\,348\,180\,992\,z^{25} +$$
$$51\,166\,850\,719\,501\,343\,831\,375\,483\,995\,398\,483\,675\,320\,916\,834\,230\,711\,079\,783\,380\,787\,352\,323\,790\,056 \setminus$$
$$964\,631\,766\,899\,316\,536\,031\,402\,562\,284\,444\,040\,790\,602\,308\,781\,614\,482\,310\,823\,936\,z^{26} -$$
$$32\,335\,254\,767\,394\,579\,719\,296\,949\,404\,157\,577\,096\,314\,843\,163\,203\,353\,566\,515\,649\,639\,534\,061\,998\,390 \setminus$$
$$344\,376\,485\,576\,845\,230\,593\,166\,520\,124\,951\,480\,571\,042\,220\,345\,950\,340\,765\,894\,836\,224\,z^{27} -$$
$$56\,446\,116\,380\,673\,460\,282\,639\,347\,203\,970\,342\,369\,407\,775\,802\,224\,475\,661\,799\,022\,005\,706\,530\,267\,817 \setminus$$
$$964\,844\,910\,371\,991\,927\,551\,434\,163\,479\,511\,365\,452\,474\,031\,527\,361\,646\,472\,690\,355\,142\,656\,z^{28} -$$
$$21\,640\,579\,725\,934\,456\,305\,203\,399\,726\,410\,010\,203\,592\,117\,456\,020\,714\,124\,164\,762\,172\,996\,040\,330\,361 \setminus$$
$$390\,468\,465\,290\,644\,966\,245\,348\,956\,182\,776\,770\,534\,396\,701\,684\,353\,155\,247\,111\,223\,484\,874\,752\,z^{29} -$$
$$24\,080\,502\,798\,412\,131\,803\,174\,592\,540\,486\,181\,901\,364\,201\,944\,034\,336\,462\,155\,419\,764\,516\,772\,876\,187 \setminus$$
$$321\,406\,640\,629\,183\,310\,137\,350\,676\,929\,615\,660\,079\,743\,830\,088\,348\,242\,851\,468\,005\,294\,695\,514\,112$$
$$z^{30} +$$
$$18\,777\,529\,409\,052\,943\,006\,090\,090\,458\,775\,004\,181\,128\,811\,291\,414\,482\,848\,794\,112\,493\,993\,141\,070\,653 \setminus$$
$$799\,647\,941\,497\,024\,027\,932\,738\,666\,942\,551\,191\,109\,929\,799\,618\,976\,000\,185\,003\,364\,046\,574\,054\,277 \setminus$$
$$120\,z^{31} +$$

$$
\begin{aligned}
&3\,483\,818\,851\,792\,368\,111\,219\,052\,003\,040\,280\,065\,782\,693\,210\,930\,644\,978\,015\,871\,440\,799\,418\,915\,290 \\
&\quad 604\,735\,995\,935\,986\,973\,789\,547\,998\,500\,827\,539\,429\,570\,347\,342\,307\,543\,457\,339\,155\,442\,293\,776\,180 \\
&\quad 051\,968\, z^{32} + \\
&3\,770\,434\,568\,753\,749\,997\,535\,661\,161\,096\,464\,201\,218\,919\,369\,251\,794\,664\,055\,278\,345\,851\,431\,219\,355 \\
&\quad 936\,316\,669\,218\,058\,081\,292\,161\,513\,830\,768\,804\,293\,038\,303\,069\,095\,825\,906\,173\,677\,794\,182\,040\,591 \\
&\quad 007\,744\,000\, z^{33} - \\
&1\,339\,521\,453\,318\,595\,383\,791\,447\,195\,105\,743\,679\,860\,353\,853\,409\,530\,497\,852\,918\,286\,939\,645\,042\,045 \\
&\quad 183\,955\,938\,109\,092\,064\,810\,901\,886\,104\,867\,023\,436\,615\,446\,622\,581\,101\,190\,871\,964\,768\,749\,747\,847 \\
&\quad 789\,855\,899\,648\, z^{34} - \\
&427\,412\,255\,807\,727\,769\,639\,479\,406\,830\,694\,724\,430\,845\,748\,067\,466\,212\,224\,575\,556\,037\,348\,016\,071 \\
&\quad 162\,329\,937\,583\,521\,238\,571\,845\,740\,860\,291\,187\,377\,106\,201\,070\,252\,804\,600\,712\,787\,665\,517\,842\,195 \\
&\quad 014\,649\,659\,785\,216\, z^{35} - \\
&377\,073\,534\,275\,575\,040\,853\,943\,398\,782\,694\,115\,467\,870\,918\,360\,958\,028\,397\,552\,849\,171\,041\,770\,719 \\
&\quad 605\,418\,999\,766\,536\,553\,333\,756\,096\,141\,569\,009\,445\,421\,069\,756\,654\,537\,720\,615\,634\,346\,679\,992\,072 \\
&\quad 320\,229\,987\,726\,655\,488\, z^{36} + \\
&64\,342\,633\,242\,929\,340\,411\,830\,113\,205\,513\,252\,634\,215\,458\,279\,030\,697\,983\,962\,671\,106\,929\,912\,301\,959 \\
&\quad 976\,791\,925\,836\,455\,285\,437\,624\,838\,205\,628\,208\,006\,924\,819\,559\,707\,710\,350\,011\,043\,119\,998\,470\,115 \\
&\quad 582\,959\,608\,353\,783\,808\, z^{37} - \\
&4\,938\,165\,556\,165\,539\,634\,183\,108\,600\,392\,128\,091\,041\,167\,870\,594\,028\,329\,143\,652\,142\,218\,166\,629\,944 \\
&\quad 398\,776\,838\,579\,493\,254\,230\,105\,166\,907\,538\,447\,474\,882\,900\,429\,787\,797\,334\,338\,807\,037\,622\,478\,620 \\
&\quad 623\,262\,154\,791\,812\,333\,568\, z^{38} + \\
&3\,760\,671\,067\,094\,334\,549\,409\,281\,623\,378\,807\,681\,096\,543\,132\,925\,645\,249\,649\,651\,625\,502\,378\,583\,574 \\
&\quad 483\,242\,907\,770\,227\,888\,966\,114\,874\,291\,272\,383\,223\,609\,454\,406\,365\,995\,814\,267\,449\,451\,497\,001\,748 \\
&\quad 196\,441\,139\,789\,170\,821\,038\,080\, z^{39} + \\
&504\,468\,212\,805\,834\,885\,217\,107\,598\,391\,409\,559\,013\,342\,375\,171\,904\,121\,274\,007\,158\,807\,405\,952\,160 \\
&\quad 287\,751\,542\,946\,809\,974\,226\,017\,498\,920\,363\,532\,403\,087\,863\,938\,654\,443\,326\,376\,426\,094\,509\,828\,559 \\
&\quad 279\,945\,029\,257\,827\,613\,400\,891\,392\, z^{40} - \\
&12\,257\,166\,510\,742\,355\,850\,628\,067\,093\,820\,222\,606\,535\,719\,837\,092\,341\,034\,502\,628\,904\,975\,505\,687\,098 \\
&\quad 884\,430\,996\,144\,586\,872\,587\,038\,113\,776\,822\,832\,220\,296\,916\,912\,608\,242\,457\,450\,746\,766\,272\,083\,508 \\
&\quad 359\,707\,206\,378\,284\,147\,613\,368\,320\, z^{41} + \\
&10\,063\,376\,005\,143\,436\,638\,763\,139\,650\,930\,317\,673\,623\,843\,758\,987\,633\,706\,335\,784\,244\,702\,724\,546\,152 \\
&\quad 519\,384\,749\,759\,615\,193\,231\,174\,049\,051\,667\,954\,939\,537\,259\,670\,362\,917\,127\,200\,797\,584\,678\,637\,635 \\
&\quad 185\,318\,895\,108\,414\,350\,886\,772\,408\,320\, z^{42} + \\
&1\,598\,330\,480\,555\,733\,332\,774\,504\,876\,634\,952\,148\,203\,954\,062\,809\,482\,941\,250\,757\,593\,673\,788\,835\,924 \\
&\quad 375\,248\,944\,975\,735\,914\,251\,043\,588\,447\,162\,820\,736\,589\,471\,781\,355\,157\,372\,499\,786\,078\,300\,277\,402 \\
&\quad 431\,349\,936\,578\,956\,668\,664\,799\,119\,278\,080\, z^{43} - \\
&498\,698\,701\,721\,566\,831\,962\,435\,578\,980\,548\,613\,265\,299\,122\,585\,254\,323\,782\,034\,433\,965\,572\,468\,563 \\
&\quad 151\,541\,933\,852\,991\,923\,643\,590\,259\,424\,970\,053\,419\,021\,737\,048\,946\,029\,432\,329\,676\,251\,702\,699\,238 \\
&\quad 251\,622\,467\,450\,875\,516\,932\,006\,996\,785\,233\,920\, z^{44} + \\
&47\,420\,614\,992\,393\,305\,557\,034\,843\,966\,146\,713\,776\,873\,092\,974\,851\,342\,103\,966\,998\,430\,908\,604\,287\,853 \\
&\quad 798\,138\,234\,401\,578\,037\,932\,969\,267\,713\,473\,195\,037\,812\,434\,371\,617\,622\,454\,073\,295\,922\,801\,709\,697 \\
&\quad 417\,127\,869\,038\,929\,489\,424\,486\,474\,983\,669\,760\, z^{45} - \\
&3\,687\,488\,245\,064\,172\,405\,661\,497\,076\,919\,808\,576\,018\,282\,661\,129\,592\,540\,385\,222\,408\,862\,537\,543\,804 \\
&\quad 800\,223\,074\,192\,134\,612\,392\,820\,447\,406\,384\,133\,633\,042\,223\,929\,209\,507\,129\,267\,152\,667\,318\,048\,198 \\
&\quad 216\,751\,738\,211\,144\,262\,051\,391\,599\,533\,883\,392\,000\, z^{46} + \\
&66\,000\,072\,930\,117\,491\,086\,757\,279\,835\,724\,041\,591\,911\,268\,997\,408\,365\,634\,881\,365\,466\,758\,013\,214\,221 \\
&\quad 982\,281\,777\,669\,417\,225\,313\,619\,459\,316\,731\,378\,210\,517\,540\,498\,500\,182\,325\,835\,694\,717\,087\,884\,397 \\
&\quad 714\,932\,021\,152\,052\,700\,281\,329\,356\,040\,149\,401\,600\, z^{47} + \\
&4\,876\,927\,195\,500\,524\,968\,030\,760\,715\,234\,081\,425\,224\,970\,201\,024\,820\,431\,677\,514\,194\,857\,674\,442\,138 \\
&\quad 799\,920\,588\,994\,176\,784\,381\,660\,045\,368\,252\,445\,106\,565\,900\,740\,927\,077\,319\,368\,176\,549\,489\,931\,387 \\
&\quad 980\,443\,755\,684\,947\,241\,351\,243\,341\,403\,961\,425\,920\,000\, z^{48} +
\end{aligned}
$$

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\begin{aligned}
&176\,651\,616\,151\,093\,000\,221\,633\,528\,713\,561\,674\,672\,534\,969\,666\,105\,467\,146\,139\,971\,440\,844\,230\,851\,\backslash\\
&\quad 017\,584\,255\,256\,911\,001\,566\,713\,264\,730\,483\,192\,943\,473\,259\,959\,061\,559\,390\,472\,556\,951\,338\,883\,686\,\backslash\\
&\quad 872\,316\,745\,366\,527\,212\,349\,141\,536\,453\,234\,513\,674\,240\,000\,z^{49} -\\
&1\,233\,804\,326\,353\,809\,914\,929\,254\,145\,963\,826\,599\,937\,583\,962\,840\,972\,353\,424\,929\,958\,770\,460\,606\,598\,\backslash\\
&\quad 917\,586\,529\,973\,071\,561\,811\,856\,046\,649\,444\,571\,627\,077\,371\,123\,419\,537\,750\,387\,788\,168\,659\,539\,830\,\backslash\\
&\quad 809\,752\,390\,588\,560\,522\,773\,568\,088\,577\,062\,993\,920\,000\,000\,z^{50} -\\
&31\,744\,779\,318\,664\,023\,400\,209\,879\,254\,854\,862\,871\,324\,743\,528\,879\,293\,770\,790\,158\,120\,411\,974\,610\,026\,\backslash\\
&\quad 614\,048\,239\,491\,919\,411\,102\,352\,091\,062\,524\,605\,251\,885\,926\,498\,546\,279\,130\,153\,226\,881\,529\,249\,067\,\backslash\\
&\quad 323\,214\,321\,027\,330\,930\,107\,823\,177\,495\,090\,298\,880\,000\,000\,z^{51} -\\
&4\,429\,051\,928\,116\,687\,848\,694\,189\,964\,984\,963\,990\,046\,539\,319\,940\,860\,356\,344\,671\,920\,803\,851\,930\,743\,\backslash\\
&\quad 128\,756\,395\,108\,469\,357\,406\,487\,048\,896\,416\,626\,676\,206\,983\,892\,834\,503\,694\,165\,096\,432\,293\,247\,095\,\backslash\\
&\quad 973\,280\,564\,809\,783\,413\,237\,379\,700\,776\,920\,678\,400\,000\,000\,000\,z^{52} -\\
&137\,828\,851\,241\,805\,354\,780\,166\,076\,477\,877\,563\,109\,483\,890\,797\,370\,365\,905\,380\,903\,092\,746\,191\,865\,\backslash\\
&\quad 584\,939\,781\,531\,009\,842\,416\,006\,639\,763\,360\,215\,253\,058\,244\,304\,310\,454\,313\,019\,014\,545\,762\,860\,022\,\backslash\\
&\quad 421\,158\,485\,159\,005\,676\,815\,339\,937\,997\,407\,649\,792\,000\,000\,000\,000\,z^{53} -\\
&4\,021\,778\,036\,436\,927\,881\,879\,442\,664\,413\,575\,431\,914\,565\,782\,781\,234\,955\,840\,791\,541\,388\,897\,344\,034\,\backslash\\
&\quad 289\,023\,165\,941\,974\,208\,712\,285\,028\,832\,046\,679\,180\,486\,671\,301\,961\,444\,889\,526\,770\,261\,890\,577\,030\,\backslash\\
&\quad 473\,109\,177\,376\,573\,244\,240\,876\,125\,896\,992\,358\,400\,000\,000\,000\,000\,z^{54} -\\
&9\,071\,661\,081\,483\,857\,848\,302\,494\,611\,794\,244\,670\,556\,106\,696\,343\,763\,185\,392\,594\,281\,219\,751\,119\,033\,\backslash\\
&\quad 306\,139\,396\,263\,408\,230\,978\,780\,882\,427\,453\,371\,403\,982\,203\,714\,724\,922\,910\,641\,075\,332\,610\,413\,410\,\backslash\\
&\quad 148\,712\,186\,229\,492\,335\,268\,259\,278\,650\,081\,280\,000\,000\,000\,000\,000\,z^{55}\Big)\,\theta_z^7 +\\
&\Big(660\,224\,576\,681\,061\,341\,859\,000 - 466\,468\,568\,665\,847\,946\,287\,450\,314\,701\,100\,z +\\
&\quad 3\,435\,225\,811\,883\,136\,821\,123\,261\,948\,976\,005\,431\,800\,z^2 -\\
&\quad 5\,241\,658\,727\,699\,539\,741\,782\,413\,572\,786\,867\,445\,826\,115\,340\,z^3 +\\
&\quad 1\,307\,172\,732\,086\,282\,863\,210\,245\,697\,768\,922\,085\,385\,460\,251\,878\,080\,z^4 +\\
&\quad 3\,651\,268\,396\,206\,885\,459\,051\,342\,999\,811\,420\,620\,473\,654\,863\,042\,609\,147\,840\,z^5 +\\
&\quad 752\,166\,103\,703\,424\,726\,948\,963\,609\,419\,965\,491\,230\,831\,253\,055\,729\,290\,895\,211\,520\,z^6 -\\
&\quad 497\,184\,103\,482\,199\,082\,820\,540\,227\,159\,142\,542\,095\,453\,919\,134\,912\,097\,848\,127\,240\,230\,912\,z^7 +\\
&\quad 5\,301\,029\,173\,161\,812\,823\,667\,926\,304\,685\,142\,160\,432\,888\,173\,839\,176\,528\,652\,964\,139\,671\,633\,920\,z^8 -\\
&\quad 957\,798\,659\,474\,012\,666\,470\,611\,245\,584\,741\,335\,886\,146\,392\,286\,468\,493\,015\,482\,700\,034\,581\,854\,945\,280\\
&\qquad z^9 -\\
&\quad 40\,383\,561\,177\,484\,010\,751\,421\,414\,580\,844\,969\,719\,385\,840\,775\,104\,343\,343\,618\,237\,973\,293\,350\,799\,974\,\backslash\\
&\qquad 334\,464\,z^{10} -\\
&\quad 1\,613\,030\,719\,236\,796\,862\,851\,221\,522\,751\,260\,393\,942\,344\,159\,192\,466\,784\,188\,389\,174\,418\,673\,175\,030\,\backslash\\
&\qquad 754\,233\,548\,800\,z^{11} -\\
&\quad 11\,942\,476\,731\,638\,653\,527\,290\,084\,191\,269\,136\,443\,929\,380\,692\,156\,781\,080\,877\,671\,743\,300\,735\,790\,272\,\backslash\\
&\qquad 028\,760\,931\,827\,712\,z^{12} -\\
&\quad 129\,566\,249\,430\,282\,597\,084\,622\,181\,885\,327\,403\,351\,904\,126\,834\,381\,825\,702\,747\,322\,463\,494\,990\,363\,\backslash\\
&\qquad 939\,938\,165\,495\,995\,301\,888\,z^{13} -\\
&\quad 279\,880\,064\,873\,159\,136\,058\,896\,793\,786\,338\,222\,266\,886\,914\,909\,720\,339\,888\,223\,433\,177\,999\,742\,116\,\backslash\\
&\qquad 629\,879\,971\,166\,911\,549\,407\,232\,z^{14} -\\
&\quad 8\,217\,491\,302\,092\,829\,916\,038\,448\,567\,454\,529\,360\,287\,414\,019\,786\,490\,263\,493\,886\,278\,724\,231\,813\,152\,\backslash\\
&\qquad 380\,653\,472\,195\,861\,445\,924\,093\,952\,z^{15} +\\
&\quad 39\,232\,385\,585\,221\,205\,746\,725\,102\,078\,477\,588\,104\,050\,532\,252\,493\,492\,550\,336\,593\,232\,136\,124\,210\,214\,\backslash\\
&\qquad 667\,325\,040\,647\,687\,081\,405\,125\,230\,592\,z^{16} +\\
&\quad 158\,778\,207\,429\,281\,934\,142\,660\,182\,756\,714\,954\,926\,074\,937\,486\,769\,969\,042\,998\,537\,521\,985\,487\,439\,\backslash\\
&\qquad 819\,446\,677\,879\,645\,581\,182\,620\,859\,883\,323\,392\,z^{17} -\\
&\quad 12\,348\,312\,453\,687\,723\,193\,623\,494\,007\,361\,374\,470\,871\,056\,420\,832\,602\,650\,013\,090\,293\,153\,635\,622\,488\,\backslash\\
&\qquad 767\,463\,522\,137\,320\,232\,497\,493\,131\,619\,467\,264\,z^{18} +\\
&\quad 550\,944\,449\,200\,565\,268\,630\,808\,872\,373\,919\,962\,433\,370\,829\,622\,783\,006\,936\,220\,265\,893\,510\,254\,133\,\backslash\\
&\qquad 204\,684\,506\,838\,325\,696\,355\,930\,484\,553\,968\,766\,681\,088\,z^{19} +
\end{aligned}
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\begin{aligned}
&5\,597\,449\,582\,482\,044\,317\,377\,577\,998\,257\,652\,786\,978\,555\,922\,821\,725\,436\,144\,082\,987\,316\,694\,885\,589 \\
&\quad 564\,254\,251\,161\,807\,924\,641\,572\,078\,381\,572\,205\,970\,456\,576\, z^{20} - \\
&15\,791\,247\,856\,709\,206\,138\,172\,492\,284\,302\,791\,305\,376\,703\,156\,579\,970\,908\,842\,328\,882\,545\,085\,578\,727 \\
&\quad 024\,118\,758\,789\,992\,837\,721\,333\,400\,953\,800\,376\,788\,914\,798\,592\, z^{21} - \\
&4\,674\,047\,419\,304\,623\,414\,073\,602\,517\,790\,616\,826\,503\,389\,569\,860\,791\,588\,772\,083\,754\,786\,697\,172\,423 \\
&\quad 707\,365\,882\,765\,749\,306\,724\,024\,257\,951\,491\,492\,326\,511\,472\,541\,696\, z^{22} + \\
&74\,227\,680\,523\,988\,305\,071\,022\,436\,273\,669\,311\,139\,246\,037\,987\,231\,952\,870\,097\,127\,867\,824\,052\,941\,490 \\
&\quad 262\,351\,435\,851\,585\,115\,335\,934\,843\,423\,022\,952\,168\,232\,184\,876\,892\,160\, z^{23} - \\
&130\,812\,426\,502\,367\,854\,299\,596\,689\,940\,878\,286\,490\,014\,576\,155\,920\,587\,805\,829\,388\,747\,200\,998\,062 \\
&\quad 832\,814\,471\,324\,968\,009\,081\,261\,060\,688\,662\,073\,875\,842\,829\,166\,821\,167\,333\,376\, z^{24} + \\
&96\,617\,622\,705\,314\,727\,699\,665\,896\,507\,196\,731\,243\,747\,702\,624\,988\,124\,793\,378\,870\,176\,373\,450\,347\,529 \\
&\quad 331\,809\,434\,085\,053\,963\,828\,576\,277\,354\,059\,255\,574\,121\,631\,452\,763\,552\,481\,280\, z^{25} + \\
&60\,386\,693\,367\,863\,075\,860\,694\,204\,169\,724\,740\,961\,088\,227\,463\,450\,569\,256\,874\,087\,332\,866\,072\,211\,631 \\
&\quad 156\,839\,524\,442\,643\,860\,162\,522\,111\,941\,488\,342\,570\,100\,418\,953\,047\,519\,103\,287\,296\, z^{26} - \\
&27\,937\,861\,657\,427\,972\,393\,943\,596\,866\,023\,900\,971\,737\,408\,041\,447\,383\,475\,591\,803\,818\,055\,868\,382\,595 \\
&\quad 807\,781\,851\,817\,321\,142\,102\,589\,688\,112\,409\,207\,672\,558\,387\,563\,982\,062\,404\,059\,004\,928\, z^{27} - \\
&49\,003\,722\,706\,455\,519\,519\,398\,136\,073\,008\,890\,122\,751\,101\,767\,363\,961\,095\,023\,955\,188\,309\,584\,543\,446 \\
&\quad 682\,173\,642\,836\,591\,685\,623\,539\,816\,973\,996\,706\,575\,913\,337\,587\,668\,502\,150\,257\,416\,601\,600\, z^{28} - \\
&3\,134\,907\,893\,098\,859\,521\,328\,642\,227\,711\,982\,171\,382\,377\,685\,879\,110\,479\,216\,272\,148\,237\,820\,016\,165 \\
&\quad 647\,840\,405\,657\,518\,688\,251\,116\,109\,012\,338\,408\,589\,098\,142\,533\,822\,674\,846\,435\,872\,742\,572\,032\, z^{29} - \\
&9\,908\,587\,937\,355\,455\,114\,578\,263\,098\,866\,667\,257\,838\,870\,296\,147\,187\,623\,985\,282\,683\,569\,388\,465\,339 \\
&\quad 826\,833\,199\,037\,028\,204\,197\,987\,402\,042\,130\,625\,046\,905\,774\,478\,524\,229\,695\,485\,738\,047\,219\,171\,328 \\
&\quad z^{30} + \\
&31\,299\,079\,268\,232\,441\,376\,209\,993\,345\,366\,525\,898\,275\,572\,049\,321\,537\,803\,458\,874\,784\,395\,373\,204\,678 \\
&\quad 496\,049\,346\,539\,521\,822\,180\,980\,192\,880\,525\,138\,634\,608\,905\,500\,710\,466\,693\,487\,249\,891\,777\,524\,531 \\
&\quad 200\, z^{31} + \\
&1\,588\,291\,648\,438\,299\,340\,364\,564\,322\,649\,422\,305\,441\,687\,711\,004\,455\,004\,060\,919\,725\,906\,393\,668\,822 \\
&\quad 797\,963\,838\,358\,041\,356\,713\,361\,928\,491\,585\,105\,869\,896\,559\,414\,866\,452\,235\,316\,862\,218\,724\,330\,459 \\
&\quad 627\,520\, z^{32} + \\
&1\,248\,600\,364\,588\,677\,421\,961\,915\,238\,572\,975\,243\,853\,528\,175\,372\,173\,021\,761\,285\,950\,268\,002\,128\,087 \\
&\quad 061\,398\,079\,122\,493\,595\,304\,576\,625\,844\,400\,796\,153\,768\,181\,240\,147\,498\,578\,805\,706\,760\,982\,187\,455 \\
&\quad 784\,419\,328\, z^{33} - \\
&3\,966\,621\,246\,110\,194\,135\,888\,052\,438\,015\,450\,459\,393\,526\,758\,032\,768\,069\,008\,029\,714\,071\,815\,051\,418 \\
&\quad 816\,482\,614\,788\,523\,310\,002\,532\,160\,884\,075\,100\,664\,356\,775\,592\,165\,456\,635\,414\,924\,213\,108\,540\,629 \\
&\quad 000\,241\,807\,360\, z^{34} - \\
&1\,118\,498\,566\,428\,588\,100\,321\,404\,449\,782\,755\,958\,488\,335\,811\,166\,688\,795\,274\,044\,773\,433\,212\,807\,561 \\
&\quad 306\,020\,467\,926\,811\,130\,474\,633\,846\,827\,107\,275\,463\,715\,370\,576\,034\,700\,294\,481\,673\,334\,266\,953\,417 \\
&\quad 585\,824\,632\,930\,304\, z^{35} - \\
&557\,858\,237\,044\,151\,031\,511\,362\,915\,341\,206\,917\,886\,149\,935\,440\,235\,465\,177\,516\,209\,108\,787\,803\,301 \\
&\quad 021\,539\,985\,739\,759\,422\,158\,168\,864\,885\,793\,997\,558\,690\,179\,810\,172\,789\,127\,486\,803\,783\,938\,075\,137 \\
&\quad 526\,406\,271\,169\,724\,416\, z^{36} + \\
&114\,584\,523\,133\,890\,213\,218\,133\,785\,213\,647\,366\,849\,256\,885\,176\,681\,279\,441\,593\,373\,572\,905\,823\,756 \\
&\quad 512\,907\,287\,898\,618\,645\,957\,451\,102\,988\,576\,747\,317\,555\,098\,673\,083\,930\,030\,843\,259\,653\,888\,304\,744 \\
&\quad 118\,178\,602\,859\,139\,956\,736\, z^{37} - \\
&6\,834\,396\,400\,185\,920\,075\,161\,250\,124\,713\,449\,435\,147\,360\,154\,122\,822\,027\,688\,961\,068\,674\,034\,654\,534 \\
&\quad 429\,842\,366\,310\,453\,669\,689\,201\,651\,403\,546\,842\,370\,481\,226\,666\,195\,334\,533\,185\,233\,364\,793\,543\,276 \\
&\quad 312\,323\,567\,339\,077\,369\,856\, z^{38} + \\
&5\,908\,516\,187\,781\,494\,441\,148\,022\,345\,887\,997\,524\,194\,537\,438\,923\,359\,098\,370\,459\,319\,285\,465\,312\,752 \\
&\quad 896\,666\,032\,707\,606\,178\,600\,832\,316\,987\,102\,988\,187\,958\,883\,618\,898\,156\,726\,058\,383\,594\,322\,738\,097 \\
&\quad 692\,007\,475\,913\,512\,003\,305\,472\, z^{39} + \\
&507\,582\,329\,531\,911\,186\,768\,886\,918\,664\,279\,707\,547\,537\,296\,998\,864\,786\,757\,138\,169\,446\,205\,454\,897
\end{aligned}
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\begin{aligned}
&267\,099\,122\,668\,129\,495\,386\,576\,979\,052\,424\,186\,300\,559\,805\,102\,303\,965\,921\,425\,622\,167\,156\,448\,271 \cdot \\
&\quad 146\,751\,478\,554\,662\,513\,139\,515\,392\, z^{40} - \\
&58\,116\,357\,751\,757\,424\,150\,241\,271\,684\,516\,399\,246\,597\,666\,373\,101\,851\,719\,845\,665\,286\,934\,104\,629\,207 \cdot \\
&\quad 190\,528\,987\,774\,287\,884\,478\,922\,004\,993\,456\,398\,583\,715\,380\,092\,293\,559\,626\,636\,444\,114\,321\,604\,264 \cdot \\
&\quad 659\,857\,166\,399\,974\,006\,964\,879\,360\, z^{41} + \\
&11\,897\,552\,979\,222\,096\,348\,014\,987\,803\,024\,755\,112\,031\,071\,480\,184\,249\,180\,376\,159\,755\,424\,262\,978\,341 \cdot \\
&\quad 227\,187\,686\,583\,088\,272\,817\,496\,923\,517\,441\,287\,727\,286\,713\,222\,229\,359\,112\,212\,140\,890\,068\,837\,571 \cdot \\
&\quad 047\,856\,335\,913\,479\,003\,520\,557\,383\,680\, z^{42} + \\
&972\,632\,451\,571\,343\,317\,217\,927\,006\,984\,978\,522\,201\,619\,069\,280\,524\,380\,603\,093\,822\,858\,484\,387\,604 \cdot \\
&\quad 002\,573\,032\,193\,215\,716\,549\,687\,064\,422\,909\,992\,232\,507\,354\,698\,387\,688\,964\,939\,858\,286\,849\,749\,398 \cdot \\
&\quad 039\,851\,250\,062\,709\,683\,279\,901\,638\,000\,640\, z^{43} - \\
&845\,379\,040\,953\,968\,915\,667\,084\,111\,302\,462\,109\,228\,083\,017\,698\,387\,459\,976\,577\,644\,736\,659\,192\,786 \cdot \\
&\quad 291\,998\,725\,516\,402\,012\,636\,228\,607\,100\,415\,886\,717\,785\,552\,932\,157\,825\,274\,103\,357\,360\,189\,431\,636 \cdot \\
&\quad 796\,314\,947\,471\,279\,006\,792\,603\,815\,462\,830\,080\, z^{44} + \\
&77\,099\,216\,025\,310\,516\,928\,697\,975\,342\,581\,935\,914\,189\,853\,311\,491\,774\,231\,476\,218\,157\,888\,349\,496\,057 \cdot \\
&\quad 073\,248\,602\,252\,312\,884\,125\,394\,615\,784\,798\,027\,503\,702\,239\,128\,704\,338\,365\,808\,046\,000\,844\,859\,253 \cdot \\
&\quad 891\,358\,068\,329\,936\,006\,749\,069\,848\,933\,826\,560\, z^{45} - \\
&6\,481\,339\,991\,699\,472\,898\,054\,343\,657\,628\,474\,210\,165\,059\,596\,088\,956\,431\,378\,122\,387\,373\,422\,010\,960 \cdot \\
&\quad 095\,127\,674\,243\,432\,282\,999\,438\,693\,595\,591\,004\,682\,122\,395\,891\,738\,642\,187\,347\,181\,100\,069\,215\,461 \cdot \\
&\quad 394\,175\,905\,564\,758\,342\,901\,727\,341\,786\,746\,060\,800\, z^{46} + \\
&164\,194\,446\,146\,340\,632\,025\,962\,725\,403\,887\,064\,275\,701\,280\,688\,201\,661\,513\,068\,405\,108\,087\,354\,152 \cdot \\
&\quad 635\,649\,892\,047\,403\,035\,033\,955\,817\,930\,132\,009\,175\,945\,390\,622\,896\,248\,508\,443\,690\,110\,933\,343\,333 \cdot \\
&\quad 950\,427\,419\,491\,942\,269\,227\,713\,573\,158\,952\,265\,318\,400\, z^{47} + \\
&10\,509\,231\,500\,118\,405\,229\,977\,902\,550\,867\,943\,221\,145\,886\,117\,981\,898\,620\,254\,941\,774\,629\,608\,504\,565 \cdot \\
&\quad 035\,971\,481\,973\,383\,585\,353\,729\,669\,979\,940\,895\,100\,342\,997\,668\,528\,383\,033\,429\,699\,673\,977\,821\,673 \cdot \\
&\quad 618\,539\,703\,158\,113\,793\,461\,068\,643\,189\,296\,988\,160\,000\, z^{48} + \\
&335\,336\,484\,988\,851\,643\,181\,397\,995\,139\,516\,160\,461\,549\,479\,389\,891\,010\,853\,788\,786\,437\,161\,024\,075 \cdot \\
&\quad 553\,181\,605\,102\,831\,191\,201\,870\,536\,347\,656\,790\,577\,692\,663\,267\,418\,480\,525\,601\,094\,129\,739\,100\,751 \cdot \\
&\quad 826\,312\,833\,293\,981\,335\,454\,729\,139\,083\,820\,945\,899\,520\,000\, z^{49} - \\
&2\,494\,423\,999\,918\,189\,402\,379\,526\,665\,288\,607\,635\,040\,944\,531\,683\,749\,886\,868\,181\,333\,489\,177\,686\,449 \cdot \\
&\quad 602\,610\,147\,587\,514\,370\,764\,951\,694\,770\,484\,459\,943\,768\,850\,451\,923\,021\,626\,663\,669\,153\,095\,495\,240 \cdot \\
&\quad 487\,896\,867\,739\,610\,927\,886\,697\,391\,532\,642\,664\,448\,000\,000\, z^{50} - \\
&62\,708\,208\,948\,552\,199\,773\,747\,531\,433\,954\,421\,710\,161\,686\,319\,732\,034\,018\,092\,823\,390\,399\,703\,484\,850 \cdot \\
&\quad 935\,817\,743\,223\,269\,080\,460\,641\,834\,957\,392\,515\,688\,790\,597\,454\,406\,100\,729\,079\,345\,206\,085\,925\,397 \cdot \\
&\quad 703\,494\,764\,041\,532\,122\,076\,117\,077\,061\,030\,379\,520\,000\,000\, z^{51} - \\
&7\,815\,589\,989\,623\,493\,960\,391\,635\,391\,112\,345\,625\,832\,565\,567\,805\,097\,323\,914\,338\,897\,854\,529\,638\,937 \cdot \\
&\quad 007\,613\,591\,629\,575\,858\,871\,425\,069\,615\,809\,426\,618\,680\,163\,855\,197\,852\,805\,274\,294\,384\,016\,579\,607 \cdot \\
&\quad 372\,961\,058\,226\,650\,354\,772\,605\,915\,712\,161\,054\,720\,000\,000\,000\, z^{52} - \\
&246\,925\,666\,305\,640\,570\,178\,653\,151\,792\,266\,576\,304\,883\,286\,473\,719\,716\,627\,555\,882\,864\,911\,000\,055 \cdot \\
&\quad 834\,963\,793\,897\,993\,627\,138\,238\,426\,661\,525\,421\,733\,944\,557\,102\,762\,961\,067\,156\,956\,097\,420\,112\,401 \cdot \\
&\quad 394\,738\,656\,284\,043\,590\,929\,849\,366\,931\,915\,040\,358\,400\,000\,000\,000\, z^{53} - \\
&6\,730\,753\,426\,463\,015\,153\,403\,079\,054\,668\,903\,304\,543\,075\,318\,465\,910\,570\,342\,281\,515\,532\,775\,185\,480 \cdot \\
&\quad 086\,232\,430\,112\,121\,751\,518\,634\,174\,746\,173\,613\,930\,001\,503\,478\,902\,304\,022\,171\,519\,452\,347\,963\,644 \cdot \\
&\quad 410\,339\,189\,559\,275\,229\,242\,352\,290\,233\,529\,139\,200\,000\,000\,000\,000\, z^{54} - \\
&14\,974\,699\,776\,965\,331\,010\,205\,277\,763\,271\,670\,905\,445\,169\,973\,165\,317\,562\,650\,131\,785\,651\,290\,729\,655 \cdot \\
&\quad 444\,759\,978\,673\,540\,305\,938\,563\,348\,637\,451\,660\,359\,003\,304\,524\,334\,814\,388\,383\,486\,067\,707\,803\,959 \cdot \\
&\quad 898\,173\,309\,022\,718\,380\,909\,491\,399\,824\,506\,880\,000\,000\,000\,000\,000\, z^{55}\Big)\, \Theta_z^6 + \\
&\Big(-47\,102\,823\,544\,427\,681\,940\,000 + 33\,981\,371\,902\,618\,081\,054\,082\,434\,864\,900\, z - \\
&\quad 253\,845\,220\,950\,759\,374\,933\,073\,966\,780\,255\,977\,600\, z^2 + \\
&\quad 378\,600\,992\,642\,406\,600\,082\,652\,289\,548\,643\,389\,957\,262\,840\, z^3 - \\
&\quad 381\,177\,042\,192\,829\,633\,410\,959\,787\,586\,322\,861\,744\,444\,574\,328\,160\, z^4 -
\end{aligned}
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\begin{aligned}
&228\,556\,096\,616\,070\,665\,688\,508\,720\,537\,830\,875\,016\,154\,035\,530\,355\,157\,760\,z^5 - \\
&118\,919\,756\,333\,469\,950\,349\,060\,870\,338\,991\,764\,957\,749\,549\,668\,653\,976\,570\,336\,256\,z^6 + \\
&61\,195\,095\,533\,056\,612\,262\,401\,873\,892\,155\,056\,039\,047\,399\,850\,278\,971\,710\,837\,825\,310\,720\,z^7 - \\
&1\,752\,233\,679\,755\,003\,275\,953\,086\,641\,825\,948\,966\,320\,989\,428\,171\,527\,495\,911\,319\,929\,108\,873\,216\,z^8 + \\
&103\,284\,193\,005\,293\,343\,177\,014\,440\,688\,358\,400\,939\,785\,111\,772\,164\,427\,551\,586\,660\,149\,739\,663\,654\,912\,z^9 + \\
&7\,535\,070\,249\,137\,047\,728\,364\,152\,003\,405\,836\,747\,199\,670\,290\,755\,505\,805\,730\,138\,914\,326\,053\,840\,471\,\backslash \\
&\quad 719\,936\,z^{10} + \\
&163\,618\,495\,460\,771\,461\,527\,779\,502\,403\,381\,223\,137\,921\,814\,774\,240\,589\,773\,821\,578\,682\,722\,590\,366\,\backslash \\
&\quad 936\,609\,062\,912\,z^{11} + \\
&3\,903\,470\,040\,627\,954\,404\,179\,373\,533\,817\,715\,379\,433\,498\,571\,406\,608\,072\,519\,399\,579\,145\,610\,666\,644\,\backslash \\
&\quad 135\,415\,491\,067\,904\,z^{12} - \\
&9\,188\,316\,127\,438\,923\,103\,511\,260\,858\,944\,046\,607\,468\,259\,890\,727\,490\,331\,205\,642\,232\,370\,122\,133\,020\,\backslash \\
&\quad 231\,403\,999\,823\,134\,720\,z^{13} - \\
&123\,556\,159\,997\,878\,602\,376\,338\,382\,769\,804\,549\,717\,906\,876\,713\,538\,819\,004\,363\,341\,856\,047\,638\,250\,\backslash \\
&\quad 054\,736\,273\,502\,034\,047\,533\,056\,z^{14} - \\
&956\,710\,960\,544\,113\,483\,528\,918\,813\,165\,869\,926\,780\,516\,192\,746\,874\,469\,730\,968\,979\,797\,019\,804\,351\,\backslash \\
&\quad 127\,219\,185\,391\,950\,342\,911\,950\,848\,z^{15} + \\
&20\,450\,210\,720\,320\,900\,532\,202\,410\,008\,319\,361\,330\,721\,114\,981\,404\,260\,328\,730\,352\,024\,851\,788\,717\,367\,\backslash \\
&\quad 381\,081\,478\,159\,119\,845\,171\,329\,499\,136\,z^{16} - \\
&29\,217\,096\,373\,805\,398\,002\,388\,983\,591\,986\,079\,152\,150\,335\,332\,598\,973\,597\,301\,089\,104\,980\,448\,146\,034\,\backslash \\
&\quad 249\,031\,889\,074\,955\,744\,396\,566\,708\,879\,360\,z^{17} + \\
&568\,345\,723\,701\,598\,583\,062\,361\,232\,353\,001\,406\,590\,933\,704\,932\,111\,908\,635\,525\,112\,366\,792\,624\,843\,\backslash \\
&\quad 347\,436\,907\,752\,250\,998\,593\,296\,491\,375\,902\,064\,640\,z^{18} - \\
&427\,564\,054\,970\,901\,622\,121\,868\,901\,427\,158\,110\,239\,311\,653\,734\,223\,566\,197\,986\,396\,279\,858\,845\,072\,\backslash \\
&\quad 355\,141\,013\,100\,769\,905\,648\,263\,094\,689\,105\,782\,505\,472\,z^{19} + \\
&1\,810\,677\,129\,656\,408\,907\,945\,225\,355\,678\,668\,807\,985\,954\,700\,587\,471\,295\,402\,651\,157\,034\,321\,883\,059\,\backslash \\
&\quad 324\,541\,525\,075\,416\,651\,058\,149\,862\,335\,070\,986\,018\,226\,176\,z^{20} - \\
&16\,134\,986\,650\,370\,320\,780\,539\,010\,016\,705\,799\,781\,353\,606\,041\,768\,542\,058\,463\,225\,977\,215\,910\,174\,934\,\backslash \\
&\quad 407\,930\,739\,384\,196\,252\,377\,055\,645\,006\,005\,112\,462\,437\,777\,408\,z^{21} + \\
&11\,362\,851\,891\,620\,206\,262\,126\,754\,961\,541\,044\,096\,219\,499\,110\,257\,393\,141\,082\,512\,455\,643\,310\,730\,572\,\backslash \\
&\quad 746\,384\,535\,206\,504\,982\,913\,543\,181\,793\,180\,149\,572\,349\,951\,213\,568\,z^{22} + \\
&68\,002\,808\,808\,068\,529\,675\,059\,331\,750\,534\,770\,730\,982\,236\,814\,457\,009\,645\,024\,515\,706\,975\,985\,344\,685\,\backslash \\
&\quad 853\,419\,819\,277\,792\,590\,579\,513\,755\,760\,626\,842\,378\,057\,463\,722\,147\,840\,z^{23} - \\
&124\,774\,900\,883\,747\,247\,860\,816\,357\,557\,706\,185\,424\,937\,118\,609\,950\,003\,140\,173\,467\,224\,174\,945\,852\,\backslash \\
&\quad 307\,357\,668\,429\,624\,662\,238\,510\,416\,858\,217\,852\,642\,851\,206\,861\,959\,899\,119\,616\,z^{24} + \\
&137\,657\,713\,309\,536\,569\,810\,519\,661\,586\,295\,827\,723\,477\,160\,812\,543\,658\,496\,846\,721\,303\,797\,691\,566\,\backslash \\
&\quad 081\,656\,889\,672\,822\,782\,941\,535\,832\,380\,573\,255\,246\,596\,680\,232\,853\,971\,299\,991\,552\,z^{25} + \\
&40\,818\,137\,518\,929\,086\,164\,962\,475\,229\,569\,445\,232\,186\,046\,295\,361\,797\,773\,040\,894\,658\,789\,374\,002\,091\,\backslash \\
&\quad 068\,441\,007\,828\,693\,114\,524\,233\,781\,366\,509\,592\,913\,123\,432\,853\,336\,551\,858\,372\,608\,z^{26} - \\
&46\,012\,673\,852\,035\,971\,029\,671\,538\,203\,730\,445\,995\,327\,445\,806\,786\,075\,917\,621\,110\,841\,979\,291\,738\,278\,\backslash \\
&\quad 222\,268\,501\,938\,251\,267\,413\,354\,341\,138\,809\,919\,738\,018\,352\,999\,555\,309\,360\,327\,426\,048\,z^{27} - \\
&46\,951\,537\,165\,004\,414\,586\,827\,560\,674\,800\,702\,760\,345\,599\,383\,909\,505\,717\,100\,653\,534\,963\,120\,252\,512\,\backslash \\
&\quad 685\,181\,297\,805\,623\,813\,018\,999\,560\,390\,586\,438\,445\,343\,987\,683\,991\,789\,221\,673\,533\,702\,144\,z^{28} + \\
&15\,168\,384\,268\,483\,519\,280\,960\,973\,582\,819\,870\,006\,602\,157\,341\,866\,960\,459\,208\,051\,042\,421\,697\,989\,297\,\backslash \\
&\quad 412\,917\,345\,843\,001\,873\,136\,018\,190\,811\,410\,818\,537\,104\,290\,917\,891\,786\,655\,400\,488\,977\,039\,360\,z^{29} + \\
&11\,868\,334\,356\,908\,384\,902\,939\,720\,169\,237\,863\,190\,323\,305\,800\,786\,092\,217\,401\,452\,081\,223\,597\,634\,130\,\backslash \\
&\quad 249\,892\,579\,587\,857\,180\,551\,011\,758\,084\,679\,495\,992\,305\,937\,462\,587\,890\,115\,263\,275\,631\,453\,929\,472\,z^{30} + \\
&37\,768\,273\,268\,144\,617\,965\,237\,315\,945\,601\,144\,996\,711\,407\,102\,281\,897\,270\,058\,243\,302\,480\,059\,196\,382\,\backslash \\
&\quad 531\,699\,895\,016\,963\,267\,774\,840\,669\,125\,095\,700\,426\,383\,154\,501\,268\,616\,060\,457\,656\,586\,530\,336\,014\,\backslash
\end{aligned}
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\begin{aligned}
&336\, z^{31} - \\
&2\,357\,576\,775\,892\,117\,310\,290\,513\,959\,886\,709\,594\,950\,780\,791\,454\,175\,769\,401\,757\,115\,451\,545\,962\,767 \\
&\quad 757\,038\,880\,032\,719\,749\,570\,852\,576\,984\,807\,351\,526\,437\,773\,355\,990\,766\,668\,674\,562\,197\,271\,930\,694 \\
&\quad 795\,264\, z^{32} - \\
&2\,335\,249\,636\,033\,450\,076\,639\,736\,460\,289\,386\,348\,017\,381\,714\,457\,141\,750\,801\,269\,162\,725\,779\,862\,797 \\
&\quad 740\,438\,969\,226\,879\,753\,772\,109\,657\,423\,464\,394\,436\,736\,275\,515\,533\,466\,193\,460\,634\,991\,991\,056\,552 \\
&\quad 291\,205\,120\, z^{33} - \\
&5\,970\,562\,263\,058\,864\,030\,013\,082\,822\,440\,156\,244\,993\,898\,226\,775\,842\,920\,386\,182\,461\,565\,655\,046\,432 \\
&\quad 440\,781\,127\,733\,241\,780\,078\,636\,722\,911\,267\,682\,069\,440\,722\,251\,361\,749\,439\,231\,372\,874\,859\,662\,784 \\
&\quad 897\,218\,510\,848\, z^{34} - \\
&1\,507\,716\,121\,354\,820\,582\,448\,495\,075\,642\,678\,791\,558\,077\,109\,521\,826\,579\,023\,362\,436\,812\,615\,723\,394 \\
&\quad 026\,795\,565\,959\,401\,874\,704\,552\,001\,477\,823\,825\,596\,567\,129\,219\,189\,187\,639\,007\,304\,291\,029\,947\,659 \\
&\quad 147\,335\,144\,833\,024\, z^{35} - \\
&571\,147\,991\,896\,382\,636\,186\,351\,430\,270\,615\,278\,838\,105\,782\,463\,710\,721\,360\,641\,748\,495\,997\,326\,495 \\
&\quad 401\,219\,911\,597\,797\,278\,226\,197\,630\,070\,980\,674\,405\,245\,448\,928\,492\,848\,305\,052\,630\,293\,635\,570\,543 \\
&\quad 115\,194\,359\,525\,408\,768\, z^{36} + \\
&152\,152\,414\,609\,852\,084\,577\,580\,899\,781\,136\,026\,847\,087\,086\,089\,830\,971\,391\,384\,847\,960\,144\,536\,151 \\
&\quad 523\,100\,757\,685\,809\,961\,566\,605\,947\,543\,429\,255\,522\,477\,619\,502\,353\,221\,627\,466\,701\,938\,918\,821\,509 \\
&\quad 185\,536\,917\,858\,670\,346\,240\, z^{37} - \\
&9\,615\,568\,063\,356\,479\,025\,979\,534\,283\,233\,547\,878\,888\,147\,028\,731\,619\,303\,372\,401\,422\,209\,953\,607\,530 \\
&\quad 077\,746\,315\,249\,972\,895\,793\,321\,514\,670\,870\,241\,567\,151\,701\,930\,439\,225\,369\,281\,526\,838\,147\,848\,824 \\
&\quad 974\,429\,582\,545\,303\,633\,920\, z^{38} + \\
&6\,222\,765\,193\,861\,870\,658\,731\,355\,277\,632\,761\,952\,749\,189\,002\,372\,028\,001\,957\,582\,637\,539\,272\,405\,119 \\
&\quad 591\,075\,082\,915\,620\,606\,077\,927\,471\,784\,933\,470\,550\,902\,940\,001\,195\,176\,070\,425\,662\,825\,702\,531\,918 \\
&\quad 524\,755\,796\,731\,670\,183\,280\,640\, z^{39} + \\
&131\,120\,522\,293\,165\,569\,026\,185\,919\,738\,579\,221\,459\,060\,719\,264\,404\,657\,382\,023\,295\,525\,565\,881\,158 \\
&\quad 796\,688\,017\,741\,330\,969\,575\,058\,645\,937\,551\,445\,751\,045\,425\,420\,090\,839\,515\,961\,394\,123\,280\,121\,871 \\
&\quad 123\,008\,876\,703\,763\,661\,571\,751\,936\, z^{40} - \\
&134\,183\,897\,766\,606\,410\,869\,136\,411\,983\,895\,070\,496\,144\,388\,830\,166\,589\,798\,002\,523\,340\,032\,806\,769 \\
&\quad 452\,403\,936\,951\,567\,610\,594\,705\,068\,544\,753\,780\,739\,193\,921\,117\,260\,778\,461\,446\,994\,518\,659\,438\,809 \\
&\quad 421\,072\,426\,770\,499\,516\,718\,120\,960\,000\, z^{41} + \\
&6\,845\,363\,557\,903\,000\,679\,099\,959\,078\,505\,434\,936\,258\,113\,671\,223\,681\,024\,949\,678\,278\,775\,655\,425\,629 \\
&\quad 006\,951\,373\,194\,064\,991\,300\,259\,791\,294\,931\,179\,480\,985\,157\,232\,200\,681\,796\,862\,872\,260\,720\,621\,780 \\
&\quad 883\,925\,932\,087\,867\,831\,211\,954\,012\,160\, z^{42} - \\
&797\,455\,104\,904\,274\,939\,661\,966\,655\,594\,817\,042\,954\,832\,780\,821\,941\,831\,699\,080\,400\,823\,867\,334\,265 \\
&\quad 563\,146\,889\,583\,500\,671\,005\,172\,250\,702\,212\,244\,575\,960\,761\,427\,250\,575\,884\,151\,409\,395\,367\,196\,504 \\
&\quad 348\,740\,303\,972\,610\,490\,544\,306\,729\,779\,200\, z^{43} - \\
&1\,091\,512\,448\,103\,743\,271\,313\,292\,988\,712\,873\,120\,299\,275\,307\,767\,881\,556\,756\,032\,527\,788\,832\,734\,517 \\
&\quad 107\,976\,396\,678\,278\,242\,986\,605\,146\,462\,212\,107\,057\,130\,895\,930\,237\,446\,357\,622\,061\,193\,550\,771\,770 \\
&\quad 408\,392\,234\,200\,963\,281\,793\,939\,638\,121\,922\,560\, z^{44} + \\
&96\,651\,852\,273\,009\,208\,780\,189\,388\,273\,432\,736\,607\,428\,006\,959\,845\,371\,636\,979\,383\,295\,889\,861\,063\,081 \\
&\quad 875\,179\,037\,108\,368\,571\,490\,350\,320\,484\,077\,236\,463\,256\,957\,176\,937\,217\,253\,684\,833\,272\,354\,414\,795 \\
&\quad 814\,861\,142\,884\,512\,173\,757\,007\,350\,810\,542\,080\, z^{45} - \\
&8\,625\,141\,556\,386\,567\,786\,235\,741\,210\,502\,792\,675\,244\,923\,808\,904\,484\,347\,863\,508\,035\,628\,046\,206\,615 \\
&\quad 789\,624\,460\,552\,979\,394\,692\,497\,218\,770\,712\,036\,672\,512\,040\,671\,007\,386\,913\,866\,362\,442\,877\,935\,410 \\
&\quad 159\,945\,841\,236\,937\,429\,352\,183\,367\,844\,914\,790\,400\, z^{46} + \\
&263\,737\,030\,857\,285\,757\,108\,505\,680\,020\,086\,934\,829\,077\,057\,562\,403\,209\,038\,726\,537\,005\,007\,793\,293 \\
&\quad 076\,632\,539\,982\,525\,423\,451\,348\,656\,153\,920\,363\,028\,853\,591\,082\,211\,781\,704\,559\,450\,630\,800\,204\,121 \\
&\quad 870\,550\,201\,274\,108\,722\,738\,786\,827\,801\,584\,887\,398\,400\, z^{47} + \\
&15\,906\,819\,495\,973\,134\,231\,191\,722\,316\,683\,381\,816\,827\,600\,355\,402\,703\,744\,244\,681\,530\,432\,718\,038\,644 \\
&\quad 822\,363\,597\,872\,795\,059\,032\,740\,274\,181\,547\,336\,672\,515\,027\,298\,661\,717\,283\,999\,288\,591\,289\,288\,022 \\
&
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&525\,541\,393\,844\,805\,233\,471\,459\,401\,010\,669\,158\,400\,000\,z^{48} + \\
&472\,027\,674\,689\,736\,965\,995\,778\,745\,103\,767\,418\,884\,135\,867\,274\,489\,110\,838\,060\,202\,995\,276\,014\,715 \\
&\quad 159\,409\,603\,895\,399\,481\,347\,002\,740\,122\,102\,891\,110\,974\,315\,088\,049\,924\,681\,684\,993\,363\,869\,221\,610 \\
&\quad 854\,534\,966\,719\,259\,603\,678\,653\,709\,542\,700\,749\,946\,880\,000\,z^{49} - \\
&3\,475\,458\,278\,721\,953\,111\,217\,975\,793\,622\,993\,419\,017\,087\,204\,761\,155\,998\,560\,455\,205\,428\,895\,202\,546 \\
&\quad 762\,034\,566\,457\,104\,588\,894\,156\,501\,281\,527\,818\,208\,146\,909\,886\,415\,866\,509\,861\,795\,864\,063\,513\,420 \\
&\quad 074\,324\,128\,332\,363\,435\,890\,712\,784\,640\,350\,879\,744\,000\,000\,z^{50} - \\
&76\,689\,104\,905\,538\,405\,817\,706\,534\,495\,839\,508\,078\,084\,792\,642\,069\,639\,073\,881\,383\,379\,327\,280\,552\,068 \\
&\quad 176\,252\,020\,824\,205\,974\,045\,812\,915\,650\,784\,771\,711\,720\,215\,562\,804\,592\,624\,623\,546\,066\,995\,558\,952 \\
&\quad 181\,914\,295\,807\,117\,888\,670\,309\,615\,765\,647\,523\,840\,000\,000\,z^{51} - \\
&9\,752\,932\,827\,383\,231\,759\,227\,858\,327\,427\,249\,643\,588\,437\,905\,773\,319\,461\,680\,513\,747\,837\,176\,707\,431 \\
&\quad 667\,960\,000\,004\,965\,989\,746\,452\,514\,631\,026\,526\,898\,962\,521\,496\,240\,152\,239\,752\,693\,411\,732\,826\,286 \\
&\quad 280\,371\,528\,930\,022\,525\,261\,313\,135\,672\,316\,395\,520\,000\,000\,000\,z^{52} - \\
&316\,798\,447\,164\,236\,837\,954\,063\,647\,389\,621\,423\,712\,839\,540\,064\,541\,832\,254\,369\,582\,629\,461\,605\,107 \\
&\quad 281\,563\,290\,744\,240\,649\,745\,918\,455\,105\,745\,398\,203\,412\,090\,741\,989\,965\,762\,811\,608\,361\,446\,774\,219 \\
&\quad 759\,858\,342\,490\,666\,447\,805\,106\,629\,969\,780\,408\,320\,000\,000\,000\,000\,z^{53} - \\
&8\,273\,358\,604\,824\,191\,456\,822\,230\,928\,176\,723\,079\,809\,129\,839\,232\,203\,206\,959\,365\,884\,422\,846\,748\,157 \\
&\quad 162\,716\,283\,658\,202\,865\,509\,732\,112\,791\,502\,597\,416\,158\,885\,595\,346\,016\,262\,620\,526\,547\,647\,770\,152 \\
&\quad 008\,278\,032\,019\,515\,756\,845\,692\,401\,465\,740\,492\,800\,000\,000\,000\,000\,z^{54} - \\
&18\,211\,942\,042\,558\,409\,099\,406\,257\,184\,364\,006\,585\,851\,210\,685\,495\,487\,153\,618\,776\,410\,666\,475\,984\,865 \\
&\quad 650\,579\,623\,078\,636\,644\,267\,134\,679\,641\,633\,054\,962\,159\,164\,446\,482\,118\,688\,570\,621\,849\,498\,201\,278 \\
&\quad 382\,679\,637\,201\,433\,478\,492\,655\,578\,576\,322\,560\,000\,000\,000\,000\,000\,z^{55}\Big)\,\theta_z^5 + \\
&\Big(-50\,118\,974\,345\,389\,201\,173\,558\,000\,z + 84\,033\,423\,592\,231\,551\,638\,312\,548\,245\,411\,200\,z^2 - \\
&439\,816\,922\,375\,715\,303\,739\,651\,656\,945\,822\,006\,366\,800\,z^3 - \\
&620\,315\,111\,123\,414\,275\,618\,689\,620\,898\,928\,260\,923\,324\,337\,280\,z^4 - \\
&9\,370\,689\,878\,984\,182\,023\,568\,770\,950\,548\,308\,694\,229\,909\,889\,767\,712\,000\,z^5 + \\
&3\,666\,144\,968\,130\,663\,083\,794\,566\,112\,353\,845\,560\,019\,413\,979\,805\,345\,106\,723\,840\,z^6 + \\
&514\,049\,852\,461\,530\,984\,361\,173\,004\,040\,528\,989\,747\,337\,090\,379\,761\,525\,909\,450\,160\,128\,z^7 - \\
&74\,471\,220\,263\,095\,719\,460\,443\,321\,631\,221\,771\,740\,872\,568\,976\,120\,723\,568\,527\,080\,176\,697\,344\,z^8 - \\
&7\,711\,636\,358\,738\,945\,522\,748\,762\,659\,953\,797\,403\,198\,872\,858\,680\,015\,349\,049\,990\,996\,722\,813\,239\,296\,z^9 - \\
&544\,272\,890\,325\,938\,111\,719\,069\,060\,550\,905\,388\,804\,672\,317\,515\,280\,883\,154\,977\,964\,020\,164\,157\,585 \\
&\quad 227\,776\,z^{10} - \\
&70\,080\,571\,794\,132\,165\,544\,417\,329\,353\,575\,992\,957\,814\,198\,962\,088\,478\,699\,575\,152\,663\,897\,876\,460\,730 \\
&\quad 318\,848\,000\,z^{11} + \\
&452\,840\,865\,217\,059\,873\,470\,878\,331\,992\,722\,686\,362\,736\,469\,964\,008\,020\,689\,838\,880\,814\,787\,389\,055 \\
&\quad 451\,765\,774\,745\,600\,z^{12} - \\
&22\,146\,279\,773\,677\,264\,013\,574\,959\,564\,282\,842\,031\,139\,499\,742\,062\,429\,419\,180\,524\,259\,861\,228\,155\,153 \\
&\quad 869\,418\,069\,575\,598\,080\,z^{13} + \\
&26\,549\,703\,825\,464\,122\,869\,772\,238\,149\,935\,173\,137\,651\,363\,369\,533\,705\,313\,122\,413\,019\,781\,320\,518\,599 \\
&\quad 985\,829\,023\,641\,296\,175\,104\,z^{14} - \\
&653\,073\,109\,572\,923\,338\,619\,721\,566\,255\,369\,446\,378\,511\,291\,697\,694\,208\,587\,973\,876\,014\,358\,449\,461 \\
&\quad 623\,027\,195\,846\,149\,626\,543\,472\,640\,z^{15} + \\
&22\,416\,547\,648\,083\,676\,103\,598\,590\,739\,124\,334\,020\,167\,972\,782\,678\,015\,142\,680\,946\,498\,601\,977\,257\,306 \\
&\quad 069\,425\,834\,795\,815\,165\,768\,595\,668\,992\,z^{16} + \\
&18\,641\,889\,349\,246\,361\,673\,072\,508\,654\,754\,054\,918\,648\,462\,537\,112\,561\,475\,464\,767\,678\,962\,775\,944\,034 \\
&\quad 714\,980\,140\,968\,994\,553\,929\,523\,867\,418\,624\,z^{17} + \\
&334\,857\,069\,260\,691\,829\,479\,307\,986\,171\,054\,609\,871\,903\,176\,222\,099\,403\,621\,093\,843\,768\,810\,178\,386 \\
&\quad 741\,530\,365\,362\,610\,138\,896\,518\,734\,404\,042\,883\,072\,z^{18} - \\
&438\,518\,305\,594\,266\,613\,061\,475\,540\,593\,037\,494\,192\,279\,887\,993\,557\,714\,617\,094\,893\,863\,635\,502\,987 \\
&\quad 196\,817\,583\,994\,471\,196\,749\,650\,980\,683\,609\,511\,297\,024\,z^{19} +
\end{aligned}
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2 397 472 396 297 782 644 713 816 547 084 834 361 064 958 317 844 190 306 348 009 123 422 021 367 665 ÷
248 298 137 952 308 148 875 466 069 003 026 286 432 485 376 z^{20} −
11 034 671 291 646 273 591 092 446 354 728 795 027 697 342 679 316 846 725 512 481 426 751 630 748 687 ÷
302 082 275 337 043 801 782 030 053 695 205 329 637 522 538 496 z^{21} +
15 760 190 078 921 183 037 976 076 731 017 315 651 359 985 089 678 630 923 616 431 422 671 041 257 732 ÷
113 990 395 621 041 992 590 888 568 098 730 925 499 361 257 324 544 z^{22} +
45 249 933 542 902 171 600 258 114 838 503 106 565 834 680 852 430 687 630 061 105 067 221 470 721 613 ÷
653 052 540 466 436 556 883 760 045 582 160 854 052 590 086 329 991 168 z^{23} −
97 798 775 536 535 386 327 407 416 532 755 267 394 282 925 170 759 180 605 090 194 344 611 475 936 669 ÷
784 145 827 518 249 501 723 268 709 583 361 049 927 050 916 036 807 229 440 z^{24} +
138 894 340 915 001 389 279 208 587 071 577 950 280 423 062 364 316 841 290 069 308 597 152 590 855 ÷
723 275 071 184 865 939 697 416 271 777 907 886 436 202 276 038 628 532 031 586 304 z^{25} +
157 353 802 070 270 012 094 096 712 550 785 885 929 079 191 696 798 918 749 706 575 540 842 424 520 ÷
773 894 984 365 461 721 743 167 018 355 046 011 681 391 306 574 655 036 971 810 816 z^{26} −
29 292 562 062 233 646 807 216 270 906 164 163 655 219 731 217 868 008 941 658 788 184 074 907 412 751 ÷
570 448 487 682 782 017 984 540 792 237 997 678 843 115 329 446 028 308 303 279 292 416 z^{27} −
15 280 771 845 103 425 006 698 795 950 394 010 232 703 874 767 700 596 696 801 259 230 249 842 154 227 ÷
179 771 009 375 773 138 403 137 512 334 379 690 522 739 021 713 464 248 936 773 200 117 760 z^{28} +
38 945 319 008 410 887 174 111 290 343 075 317 687 380 082 319 645 764 674 736 022 868 172 017 390 791 ÷
772 586 649 734 693 438 050 835 655 214 646 224 186 766 949 549 839 631 931 637 230 326 513 664 z^{29} +
24 957 755 589 527 047 203 851 846 489 853 171 262 634 257 051 258 798 805 835 993 124 109 075 584 442 ÷
781 703 496 682 049 662 919 496 353 212 969 559 500 568 704 503 966 951 890 914 993 668 051 959 808
z^{30} +
29 441 478 329 908 884 254 174 201 111 576 415 669 932 264 743 568 338 345 373 129 092 331 381 399 175 ÷
342 997 259 057 882 061 774 559 049 569 563 891 803 794 589 327 827 892 994 173 011 270 222 961 704 ÷
960 z^{31} −
5 387 358 504 735 500 897 710 359 329 571 083 049 849 716 169 694 746 463 821 482 970 207 357 924 717 ÷
756 807 261 304 344 122 241 884 894 436 031 003 563 953 713 223 634 101 628 479 039 639 195 067 397 ÷
177 344 z^{32} −
4 307 288 567 348 454 788 564 968 389 146 284 068 809 279 842 418 476 736 468 596 825 757 157 863 556 ÷
357 745 437 117 038 901 118 091 829 957 476 849 631 581 666 955 458 359 230 827 734 458 839 333 980 ÷
528 967 680 z^{33} −
5 507 717 566 523 385 333 881 175 882 566 277 059 002 257 834 195 616 596 338 622 526 212 784 658 852 ÷
048 566 427 135 931 474 337 779 724 341 400 216 720 055 630 919 698 155 804 253 601 399 408 467 004 ÷
747 652 530 176 z^{34} −
1 158 329 948 990 323 212 885 453 865 004 057 986 546 540 239 355 929 463 536 219 523 519 490 344 306 ÷
330 678 135 402 166 360 539 377 447 523 896 125 614 844 199 936 265 115 543 166 642 833 192 638 471 ÷
346 460 022 538 240 z^{35} −
365 680 105 047 172 736 227 123 230 486 228 408 841 648 405 980 625 558 448 881 077 087 802 304 882 ÷
926 352 030 374 738 796 836 135 795 487 372 134 026 396 594 971 183 027 928 159 398 977 728 970 157 ÷
664 374 386 570 821 632 z^{36} +
154 657 084 647 820 623 187 702 576 118 298 180 921 514 308 984 383 572 894 031 079 662 894 101 223 ÷
330 476 631 148 940 851 752 560 751 093 029 807 817 115 226 253 799 757 745 346 103 472 912 040 098 ÷
569 472 583 060 122 763 264 z^{37} −
10 980 072 261 881 329 783 603 265 625 897 409 354 708 386 956 610 366 171 064 622 883 430 586 301 544 ÷
549 326 563 609 326 955 689 887 838 315 288 475 416 287 504 548 159 452 321 818 669 225 258 285 630 ÷
999 849 586 491 335 376 896 z^{38} +
4 481 291 759 386 075 833 894 314 888 594 712 116 215 727 567 990 476 874 152 832 868 812 566 789 222 ÷
158 699 871 841 798 470 917 882 341 111 924 008 402 978 712 867 615 503 724 982 463 007 856 393 167 ÷
412 901 191 703 431 697 399 808 z^{39} −
361 379 740 360 490 749 281 231 134 186 662 197 591 724 130 481 180 529 269 861 879 061 773 108 013 ÷

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\begin{aligned}
&842\,370\,568\,169\,420\,005\,485\,896\,039\,749\,848\,774\,002\,739\,194\,156\,137\,456\,126\,783\,171\,083\,515\,597\,193\,\cdot\\
&211\,535\,303\,189\,314\,997\,711\,798\,272\,z^{40} -\\
&184\,777\,389\,906\,934\,633\,975\,863\,395\,676\,070\,431\,723\,384\,465\,606\,154\,647\,671\,595\,761\,407\,744\,654\,928\,\cdot\\
&384\,400\,739\,227\,466\,074\,509\,853\,192\,504\,599\,400\,342\,768\,537\,684\,729\,578\,642\,630\,181\,638\,474\,773\,848\,\cdot\\
&230\,081\,110\,985\,640\,151\,118\,260\,469\,760\,z^{41} -\\
&1\,556\,032\,284\,034\,979\,011\,766\,989\,048\,453\,000\,634\,810\,307\,194\,914\,672\,822\,330\,404\,940\,988\,588\,901\,596\,\cdot\\
&368\,212\,366\,646\,456\,836\,502\,914\,923\,826\,716\,353\,021\,907\,862\,409\,195\,294\,122\,145\,831\,865\,151\,815\,948\,\cdot\\
&506\,405\,859\,276\,077\,002\,992\,260\,218\,880\,z^{42} -\\
&2\,435\,225\,860\,349\,314\,592\,577\,257\,792\,385\,026\,415\,802\,367\,554\,419\,019\,889\,085\,950\,138\,382\,988\,575\,052\,\cdot\\
&753\,059\,474\,064\,267\,344\,429\,090\,666\,223\,388\,468\,077\,499\,579\,506\,845\,862\,854\,071\,531\,199\,015\,924\,293\,\cdot\\
&836\,674\,559\,688\,673\,578\,752\,161\,464\,975\,360\,z^{43} -\\
&1\,046\,805\,055\,532\,828\,727\,644\,732\,227\,483\,126\,100\,648\,080\,723\,090\,635\,254\,833\,783\,616\,640\,656\,847\,798\,\cdot\\
&399\,328\,833\,223\,347\,075\,364\,103\,467\,379\,661\,692\,565\,850\,577\,431\,850\,252\,572\,481\,554\,226\,015\,433\,260\,\cdot\\
&040\,630\,622\,851\,344\,222\,360\,588\,816\,765\,419\,520\,z^{44} +\\
&91\,291\,404\,774\,883\,000\,204\,940\,861\,017\,601\,190\,356\,158\,725\,818\,693\,024\,023\,035\,896\,440\,497\,556\,291\,549\,\cdot\\
&850\,782\,498\,516\,145\,754\,895\,731\,887\,732\,253\,128\,782\,317\,385\,288\,592\,874\,266\,445\,259\,591\,811\,746\,817\,\cdot\\
&594\,859\,027\,958\,598\,459\,844\,471\,896\,135\,434\,240\,z^{45} -\\
&8\,468\,691\,297\,336\,039\,535\,608\,282\,379\,615\,838\,922\,123\,287\,462\,062\,003\,945\,498\,089\,657\,487\,660\,102\,122\,\cdot\\
&998\,340\,175\,146\,423\,620\,357\,484\,701\,168\,438\,932\,360\,126\,992\,531\,957\,508\,280\,960\,490\,132\,624\,274\,747\,\cdot\\
&423\,855\,647\,965\,119\,411\,855\,323\,006\,715\,192\,934\,400\,z^{46} +\\
&285\,939\,922\,572\,957\,600\,773\,741\,866\,676\,647\,235\,030\,047\,825\,093\,751\,527\,707\,604\,184\,718\,240\,169\,524\,\cdot\\
&219\,073\,008\,038\,086\,211\,712\,091\,118\,669\,702\,327\,146\,861\,419\,403\,805\,464\,641\,730\,584\,691\,786\,224\,431\,\cdot\\
&019\,287\,185\,106\,819\,222\,865\,376\,918\,908\,014\,952\,448\,000\,z^{47} +\\
&16\,895\,927\,891\,744\,499\,890\,329\,981\,715\,077\,751\,079\,732\,274\,922\,733\,481\,444\,699\,231\,642\,313\,273\,741\,865\,\cdot\\
&677\,458\,909\,988\,291\,433\,732\,005\,769\,241\,553\,960\,074\,152\,826\,752\,546\,305\,627\,916\,674\,637\,223\,127\,564\,\cdot\\
&158\,731\,035\,655\,153\,365\,246\,403\,740\,597\,422\,653\,440\,000\,z^{48} +\\
&481\,750\,936\,112\,702\,919\,505\,590\,497\,519\,469\,439\,760\,176\,785\,078\,440\,036\,065\,043\,124\,827\,642\,841\,218\,\cdot\\
&515\,669\,755\,012\,821\,393\,304\,203\,660\,499\,814\,948\,793\,317\,838\,544\,834\,196\,110\,987\,666\,454\,325\,096\,460\,\cdot\\
&096\,879\,700\,336\,690\,536\,510\,187\,238\,737\,117\,834\,117\,120\,000\,z^{49} -\\
&3\,407\,422\,192\,677\,536\,103\,373\,618\,178\,152\,495\,134\,846\,194\,060\,138\,361\,654\,564\,983\,126\,839\,321\,560\,896\,\cdot\\
&282\,751\,021\,217\,704\,285\,675\,245\,994\,182\,894\,004\,929\,541\,336\,878\,180\,703\,473\,924\,777\,384\,139\,237\,687\,\cdot\\
&098\,284\,254\,647\,612\,778\,479\,626\,564\,794\,914\,439\,168\,000\,000\,z^{50} -\\
&61\,519\,229\,324\,507\,322\,637\,272\,422\,106\,113\,502\,193\,389\,322\,954\,142\,020\,561\,184\,652\,007\,148\,853\,522\,019\,\cdot\\
&278\,811\,560\,689\,116\,606\,942\,812\,237\,381\,706\,619\,181\,050\,075\,563\,352\,580\,250\,250\,630\,831\,311\,604\,733\,\cdot\\
&411\,616\,736\,131\,301\,374\,523\,421\,333\,529\,066\,209\,280\,000\,000\,z^{51} -\\
&8\,593\,797\,928\,020\,862\,296\,799\,146\,615\,297\,206\,242\,551\,135\,964\,646\,622\,444\,027\,470\,183\,754\,842\,029\,290\,\cdot\\
&128\,174\,139\,746\,206\,927\,924\,200\,082\,798\,489\,052\,012\,394\,843\,190\,718\,068\,860\,563\,256\,691\,079\,551\,277\,\cdot\\
&754\,619\,114\,026\,212\,019\,975\,210\,336\,568\,223\,989\,760\,000\,000\,000\,z^{52} -\\
&290\,006\,549\,154\,991\,415\,724\,947\,119\,020\,186\,087\,732\,766\,493\,947\,712\,965\,073\,713\,460\,312\,033\,531\,417\,\cdot\\
&684\,780\,189\,034\,178\,987\,284\,636\,320\,722\,559\,222\,715\,077\,697\,513\,529\,079\,480\,247\,863\,274\,343\,465\,190\,\cdot\\
&838\,317\,345\,043\,623\,797\,169\,658\,194\,496\,950\,632\,448\,000\,000\,000\,000\,z^{53} -\\
&7\,355\,324\,424\,666\,686\,293\,370\,589\,318\,361\,096\,425\,907\,583\,211\,743\,591\,855\,153\,859\,582\,963\,521\,652\,510\,\cdot\\
&492\,317\,956\,735\,820\,604\,404\,956\,967\,458\,722\,882\,879\,969\,050\,584\,541\,137\,308\,781\,291\,053\,903\,683\,829\,\cdot\\
&641\,098\,907\,017\,729\,417\,708\,906\,275\,507\,745\,587\,200\,000\,000\,000\,000\,z^{54} -\\
&16\,053\,566\,385\,878\,233\,399\,742\,459\,183\,979\,926\,228\,249\,725\,299\,535\,063\,266\,588\,104\,943\,992\,614\,969\,956\,\cdot\\
&895\,740\,600\,983\,429\,919\,367\,665\,065\,288\,603\,190\,253\,299\,999\,852\,128\,971\,696\,607\,376\,025\,617\,840\,804\,\cdot\\
&699\,143\,210\,868\,553\,550\,573\,946\,738\,353\,111\,040\,000\,000\,000\,000\,000\,z^{55}\Big)\,\Theta_z^4 +\\
\Big(&-2\,725\,683\,389\,104\,215\,194\,928\,000\,z + 5\,080\,318\,495\,563\,695\,853\,277\,780\,937\,369\,600\,z^2 +\\
&391\,235\,359\,168\,486\,235\,251\,432\,280\,149\,678\,677\,508\,800\,z^3 +\\
&2\,446\,502\,878\,314\,331\,202\,705\,106\,510\,636\,428\,092\,784\,336\,051\,200\,z^4 -\\
&3\,435\,803\,975\,505\,110\,293\,287\,626\,993\,065\,575\,215\,081\,635\,651\,870\,763\,520\,z^5 +
\end{aligned}
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\begin{aligned}
&1\,848\,171\,044\,682\,121\,311\,934\,406\,008\,933\,107\,206\,808\,801\,672\,057\,275\,432\,094\,720\,z^6 + \\
&26\,974\,718\,758\,917\,693\,719\,757\,757\,812\,550\,794\,188\,408\,810\,204\,765\,431\,926\,407\,618\,560\,z^7 - \\
&19\,142\,576\,972\,885\,295\,138\,259\,184\,072\,077\,042\,622\,997\,164\,978\,846\,809\,386\,845\,485\,779\,107\,840\,z^8 - \\
&4\,239\,403\,198\,036\,568\,342\,692\,555\,935\,070\,577\,497\,919\,395\,073\,457\,962\,516\,859\,228\,524\,115\,804\,028\,928\,\\
&\quad z^9 - \\
&436\,361\,481\,343\,876\,966\,467\,167\,933\,428\,378\,672\,368\,806\,993\,790\,533\,567\,232\,870\,531\,117\,505\,015\,657 \div \\
&\quad 267\,200\,z^{10} - \\
&31\,333\,099\,113\,608\,738\,486\,587\,026\,387\,002\,967\,546\,916\,441\,717\,289\,632\,379\,703\,587\,875\,641\,169\,614\,644 \div \\
&\quad 174\,651\,392\,z^{11} + \\
&195\,777\,082\,834\,637\,605\,836\,398\,597\,146\,892\,998\,070\,399\,573\,231\,216\,513\,317\,368\,593\,866\,530\,762\,956 \div \\
&\quad 244\,158\,049\,681\,408\,z^{12} - \\
&8\,828\,454\,294\,774\,742\,172\,571\,140\,334\,126\,262\,097\,807\,487\,272\,137\,152\,983\,765\,196\,419\,004\,192\,000\,968 \div \\
&\quad 149\,101\,902\,500\,462\,592\,z^{13} + \\
&62\,554\,044\,709\,376\,050\,109\,268\,790\,280\,140\,888\,173\,984\,000\,156\,523\,924\,242\,376\,078\,844\,322\,263\,725\,172 \div \\
&\quad 718\,117\,787\,550\,273\,765\,376\,z^{14} + \\
&103\,566\,356\,454\,165\,592\,428\,188\,524\,944\,300\,120\,411\,264\,211\,779\,758\,776\,310\,651\,396\,892\,853\,670\,088 \div \\
&\quad 599\,574\,372\,086\,046\,880\,746\,700\,800\,z^{15} + \\
&12\,991\,910\,526\,363\,461\,176\,817\,334\,900\,321\,179\,176\,007\,668\,240\,453\,198\,777\,990\,137\,705\,404\,302\,259\,975 \div \\
&\quad 977\,660\,957\,603\,661\,861\,913\,144\,328\,192\,z^{16} + \\
&8\,123\,708\,564\,923\,097\,751\,659\,568\,201\,810\,121\,908\,026\,456\,722\,562\,628\,137\,767\,907\,070\,636\,369\,170\,484 \div \\
&\quad 128\,189\,235\,868\,202\,674\,490\,000\,722\,100\,224\,z^{17} + \\
&142\,176\,814\,891\,053\,435\,466\,458\,826\,724\,328\,751\,563\,960\,999\,768\,864\,245\,545\,746\,686\,763\,998\,316\,555 \div \\
&\quad 444\,863\,883\,298\,938\,557\,447\,182\,574\,191\,881\,748\,480\,z^{18} - \\
&361\,210\,566\,079\,753\,979\,366\,442\,784\,359\,603\,851\,746\,738\,251\,243\,516\,168\,747\,268\,458\,254\,063\,497\,279 \div \\
&\quad 225\,485\,824\,383\,556\,747\,039\,662\,280\,946\,273\,988\,116\,480\,z^{19} + \\
&1\,308\,294\,178\,819\,984\,824\,885\,852\,232\,462\,519\,766\,677\,359\,929\,961\,943\,581\,350\,955\,939\,694\,772\,817\,244 \div \\
&\quad 450\,554\,824\,321\,015\,410\,180\,992\,070\,441\,536\,094\,340\,120\,576\,z^{20} - \\
&5\,176\,606\,934\,573\,119\,202\,752\,408\,360\,517\,114\,990\,662\,540\,872\,132\,232\,449\,677\,098\,891\,858\,525\,117\,348 \div \\
&\quad 783\,310\,659\,036\,965\,085\,721\,168\,579\,475\,532\,732\,546\,016\,083\,968\,z^{21} + \\
&12\,364\,450\,280\,225\,172\,559\,984\,555\,440\,963\,471\,574\,560\,263\,292\,907\,506\,252\,726\,832\,933\,433\,144\,327\,376 \div \\
&\quad 469\,506\,839\,314\,883\,507\,656\,614\,476\,526\,420\,109\,892\,356\,742\,840\,320\,z^{22} + \\
&20\,562\,472\,770\,003\,647\,469\,371\,247\,251\,174\,087\,852\,678\,599\,793\,568\,631\,230\,799\,589\,734\,022\,240\,768\,232 \div \\
&\quad 096\,394\,606\,087\,656\,053\,711\,841\,461\,766\,808\,404\,435\,395\,186\,012\,454\,912\,z^{23} - \\
&55\,162\,272\,665\,964\,768\,815\,426\,215\,042\,856\,727\,134\,608\,749\,789\,922\,947\,170\,617\,825\,150\,073\,507\,242\,490 \div \\
&\quad 277\,088\,769\,539\,637\,681\,112\,793\,190\,708\,291\,552\,325\,750\,770\,038\,588\,047\,360\,z^{24} + \\
&87\,386\,059\,558\,744\,854\,396\,279\,902\,626\,841\,709\,051\,480\,782\,761\,384\,949\,674\,717\,149\,443\,435\,841\,510\,878 \div \\
&\quad 161\,073\,040\,584\,317\,494\,822\,243\,077\,468\,122\,683\,986\,890\,913\,816\,064\,575\,930\,368\,z^{25} - \\
&16\,582\,603\,643\,723\,294\,418\,567\,408\,375\,667\,509\,879\,726\,950\,044\,588\,419\,156\,147\,621\,825\,336\,268\,966\,100 \div \\
&\quad 722\,621\,861\,330\,842\,113\,015\,806\,127\,528\,459\,497\,325\,148\,808\,767\,915\,509\,795\,520\,512\,z^{26} - \\
&14\,666\,373\,640\,980\,811\,341\,554\,797\,503\,447\,309\,458\,871\,029\,433\,229\,884\,579\,402\,150\,079\,302\,839\,511\,895 \div \\
&\quad 883\,727\,503\,575\,392\,749\,101\,868\,240\,428\,435\,012\,382\,512\,534\,832\,661\,316\,130\,878\,521\,344\,z^{27} - \\
&904\,103\,385\,949\,840\,342\,646\,349\,168\,633\,448\,984\,975\,373\,091\,142\,165\,945\,444\,780\,762\,787\,130\,013\,216 \div \\
&\quad 826\,821\,112\,012\,111\,536\,243\,638\,986\,835\,096\,698\,975\,477\,081\,454\,381\,492\,325\,147\,981\,381\,632\,z^{28} + \\
&32\,557\,920\,337\,556\,878\,211\,645\,471\,093\,022\,862\,144\,346\,242\,110\,837\,854\,094\,247\,611\,444\,452\,377\,419\,979 \div \\
&\quad 625\,506\,269\,165\,296\,435\,314\,530\,249\,965\,034\,218\,374\,321\,201\,928\,358\,778\,491\,976\,614\,991\,101\,952\,z^{29} + \\
&19\,225\,288\,549\,890\,633\,085\,861\,121\,414\,825\,351\,172\,381\,550\,155\,854\,186\,477\,318\,538\,924\,154\,752\,171\,661 \div \\
&\quad 674\,259\,241\,266\,974\,730\,312\,035\,765\,551\,581\,601\,636\,750\,624\,168\,088\,541\,299\,876\,533\,781\,066\,153\,984\,\\
&\quad z^{30} + \\
&15\,300\,141\,241\,678\,851\,249\,771\,696\,221\,915\,822\,761\,949\,656\,615\,527\,317\,803\,958\,933\,776\,841\,538\,924\,330 \div \\
&\quad 522\,778\,620\,699\,173\,991\,877\,098\,777\,957\,800\,768\,944\,334\,691\,312\,114\,893\,872\,265\,137\,590\,288\,716\,398 \div \\
&\quad 592\,z^{31} -
\end{aligned}
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\begin{aligned}
&5\,009\,262\,093\,864\,764\,618\,780\,959\,138\,050\,814\,516\,006\,915\,612\,684\,258\,018\,978\,659\,190\,288\,666\,403\,454 \\
&\quad 297\,056\,583\,591\,327\,040\,288\,815\,166\,802\,639\,484\,055\,384\,083\,376\,645\,236\,690\,055\,850\,791\,935\,646\,516 \\
&\quad 641\,792\, z^{32} - \\
&3\,262\,314\,250\,382\,609\,925\,974\,123\,619\,139\,226\,639\,264\,155\,224\,808\,112\,650\,996\,969\,204\,022\,231\,545\,752 \\
&\quad 146\,589\,653\,259\,803\,758\,397\,671\,873\,744\,028\,268\,285\,930\,745\,642\,416\,208\,288\,935\,605\,806\,484\,442\,760 \\
&\quad 876\,130\,304\, z^{33} - \\
&3\,160\,678\,120\,172\,294\,789\,579\,115\,325\,473\,874\,762\,290\,284\,760\,225\,026\,928\,692\,534\,550\,381\,764\,025\,606 \\
&\quad 998\,844\,833\,489\,568\,776\,301\,168\,830\,171\,000\,926\,650\,475\,599\,438\,940\,686\,279\,661\,013\,162\,198\,633\,472 \\
&\quad 258\,557\,870\,080\, z^{34} - \\
&456\,344\,452\,827\,682\,863\,411\,880\,467\,926\,197\,157\,086\,356\,592\,122\,209\,389\,263\,858\,806\,639\,932\,873\,596 \\
&\quad 915\,400\,133\,002\,523\,609\,618\,102\,332\,824\,717\,218\,357\,164\,270\,552\,065\,098\,126\,470\,735\,751\,604\,223\,402 \\
&\quad 413\,632\,323\,059\,712\, z^{35} - \\
&109\,448\,549\,651\,307\,479\,468\,353\,189\,737\,027\,463\,807\,369\,337\,791\,129\,518\,243\,004\,275\,881\,449\,754\,619 \\
&\quad 290\,691\,433\,538\,789\,876\,831\,970\,984\,391\,586\,309\,419\,259\,017\,197\,901\,906\,738\,572\,248\,695\,735\,112\,452 \\
&\quad 429\,735\,572\,570\,898\,432\, z^{36} + \\
&115\,834\,075\,161\,509\,949\,544\,593\,720\,428\,278\,283\,736\,405\,717\,590\,020\,140\,322\,672\,668\,126\,829\,289\,345 \\
&\quad 762\,917\,593\,045\,407\,118\,872\,293\,156\,038\,692\,480\,100\,442\,301\,339\,485\,991\,616\,040\,923\,686\,831\,310\,023 \\
&\quad 916\,146\,289\,654\,852\,747\,264\, z^{37} - \\
&8\,438\,695\,189\,617\,600\,336\,107\,381\,902\,182\,225\,111\,578\,010\,145\,725\,663\,558\,068\,391\,923\,125\,953\,326\,478 \\
&\quad 180\,082\,464\,841\,456\,719\,829\,197\,225\,860\,413\,372\,969\,983\,416\,563\,438\,028\,187\,332\,727\,432\,370\,283\,180 \\
&\quad 337\,946\,387\,822\,332\,084\,224\, z^{38} + \\
&2\,185\,930\,185\,104\,004\,653\,367\,197\,390\,525\,067\,580\,795\,796\,907\,856\,233\,259\,937\,821\,832\,857\,356\,523\,236 \\
&\quad 211\,922\,723\,587\,249\,555\,998\,668\,742\,812\,703\,037\,870\,274\,721\,652\,905\,373\,515\,611\,949\,493\,385\,041\,896 \\
&\quad 361\,925\,169\,445\,755\,546\,501\,120\, z^{39} - \\
&532\,042\,641\,319\,085\,989\,492\,091\,855\,213\,840\,756\,628\,346\,015\,830\,660\,534\,604\,681\,846\,482\,003\,134\,825 \\
&\quad 735\,323\,484\,687\,732\,217\,711\,968\,576\,860\,440\,945\,103\,780\,149\,720\,575\,147\,262\,287\,274\,404\,583\,819\,492 \\
&\quad 720\,941\,022\,336\,446\,610\,408\,472\,576\, z^{40} - \\
&159\,763\,816\,417\,141\,298\,153\,028\,194\,911\,174\,057\,014\,103\,982\,573\,266\,173\,818\,209\,135\,070\,442\,036\,156 \\
&\quad 998\,039\,918\,874\,809\,123\,839\,266\,399\,402\,879\,137\,812\,700\,624\,805\,214\,096\,281\,075\,449\,834\,843\,247\,380 \\
&\quad 533\,876\,811\,897\,974\,674\,912\,612\,188\,160\, z^{41} - \\
&5\,878\,844\,143\,160\,278\,893\,913\,547\,537\,192\,287\,952\,894\,227\,508\,591\,838\,513\,285\,599\,533\,994\,614\,574\,888 \\
&\quad 387\,258\,048\,548\,934\,594\,557\,118\,681\,400\,638\,148\,260\,094\,452\,453\,042\,228\,480\,071\,662\,064\,249\,250\,078 \\
&\quad 311\,817\,026\,726\,977\,765\,293\,036\,666\,880\, z^{42} - \\
&2\,582\,519\,906\,617\,833\,061\,053\,273\,304\,242\,225\,090\,634\,451\,013\,673\,764\,600\,626\,357\,650\,344\,215\,878\,985 \\
&\quad 439\,070\,514\,335\,677\,628\,323\,226\,379\,843\,143\,733\,307\,487\,837\,041\,144\,009\,082\,446\,883\,352\,512\,271\,891 \\
&\quad 436\,549\,384\,804\,595\,094\,121\,771\,905\,843\,200\, z^{43} - \\
&716\,157\,440\,397\,134\,847\,541\,200\,295\,064\,317\,790\,628\,457\,706\,938\,186\,855\,479\,607\,991\,631\,637\,146\,669 \\
&\quad 047\,691\,035\,551\,362\,100\,525\,304\,219\,822\,941\,867\,554\,610\,963\,651\,568\,074\,814\,875\,282\,817\,432\,588\,099 \\
&\quad 026\,506\,018\,304\,545\,797\,777\,381\,946\,283\,786\,240\, z^{44} + \\
&62\,239\,296\,168\,224\,081\,449\,921\,736\,496\,037\,312\,486\,838\,829\,886\,337\,327\,516\,769\,766\,465\,900\,729\,995\,255 \\
&\quad 293\,837\,644\,303\,729\,914\,510\,867\,152\,025\,623\,545\,890\,242\,832\,950\,378\,246\,916\,982\,708\,525\,919\,512\,993 \\
&\quad 983\,233\,936\,249\,044\,609\,252\,087\,369\,218\,129\,920\, z^{45} - \\
&5\,884\,323\,418\,391\,816\,471\,237\,963\,797\,959\,259\,077\,336\,712\,827\,624\,792\,384\,044\,649\,790\,609\,752\,811\,448 \\
&\quad 180\,243\,609\,550\,559\,069\,526\,823\,299\,407\,344\,911\,106\,139\,160\,067\,975\,701\,444\,181\,146\,102\,283\,848\,354 \\
&\quad 338\,684\,058\,258\,549\,663\,081\,747\,466\,481\,041\,408\,000\, z^{46} + \\
&208\,152\,245\,915\,238\,378\,509\,124\,515\,113\,734\,285\,215\,300\,153\,263\,984\,794\,323\,565\,581\,313\,002\,796\,002 \\
&\quad 471\,028\,575\,359\,115\,927\,207\,626\,625\,563\,839\,145\,395\,574\,606\,107\,540\,933\,762\,644\,653\,183\,387\,768\,064 \\
&\quad 184\,267\,382\,692\,642\,049\,487\,057\,708\,442\,325\,300\,019\,200\, z^{47} + \\
&12\,298\,671\,567\,608\,923\,073\,797\,764\,053\,163\,866\,067\,691\,164\,694\,927\,348\,493\,165\,450\,061\,722\,613\,057\,672 \\
&\quad 952\,567\,924\,931\,519\,517\,064\,474\,357\,166\,591\,458\,165\,682\,224\,653\,974\,524\,755\,866\,411\,077\,855\,114\,320 \\
&\quad 763\,704\,229\,253\,140\,709\,642\,373\,081\,423\,937\,536\,000\,000\, z^{48} +
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&343\,810\,249\,703\,006\,890\,553\,157\,729\,038\,272\,994\,750\,560\,904\,294\,275\,043\,238\,216\,167\,064\,004\,175\,801\,\backslash\\
&\quad 988\,487\,247\,758\,875\,205\,472\,165\,336\,174\,300\,058\,282\,899\,152\,835\,869\,539\,195\,661\,214\,095\,620\,941\,168\,\backslash\\
&\quad 062\,082\,038\,719\,771\,624\,714\,687\,092\,870\,069\,123\,809\,280\,000\,z^{49} -\\
&2\,309\,263\,101\,082\,820\,150\,748\,759\,701\,876\,636\,343\,463\,227\,061\,063\,272\,364\,705\,627\,197\,987\,298\,672\,900\,\backslash\\
&\quad 625\,279\,036\,183\,221\,760\,754\,123\,906\,458\,294\,179\,304\,889\,666\,262\,353\,024\,306\,276\,492\,339\,413\,511\,247\,\backslash\\
&\quad 163\,960\,308\,270\,707\,840\,527\,301\,990\,088\,137\,768\,960\,000\,000\,z^{50} -\\
&32\,099\,624\,835\,822\,993\,515\,181\,980\,484\,827\,791\,514\,374\,946\,733\,002\,214\,012\,000\,900\,400\,729\,778\,265\,789\,\backslash\\
&\quad 208\,977\,874\,145\,612\,860\,012\,426\,539\,660\,568\,594\,624\,007\,082\,846\,255\,010\,213\,325\,524\,582\,813\,641\,006\,\backslash\\
&\quad 436\,651\,896\,973\,768\,472\,098\,195\,151\,737\,596\,149\,760\,000\,000\,z^{51} -\\
&5\,223\,933\,429\,324\,878\,351\,676\,847\,286\,711\,263\,822\,974\,758\,752\,284\,104\,925\,607\,054\,193\,819\,157\,956\,471\,\backslash\\
&\quad 839\,489\,808\,073\,634\,241\,663\,157\,478\,386\,980\,590\,147\,801\,640\,435\,562\,408\,315\,950\,411\,946\,643\,018\,417\,\backslash\\
&\quad 146\,596\,959\,266\,400\,343\,286\,441\,602\,538\,746\,675\,200\,000\,000\,000\,z^{52} -\\
&184\,773\,504\,164\,490\,321\,076\,782\,078\,171\,635\,033\,244\,546\,508\,745\,701\,433\,207\,393\,681\,950\,762\,415\,562\,\backslash\\
&\quad 878\,269\,709\,455\,658\,924\,223\,540\,987\,235\,509\,885\,080\,401\,953\,503\,475\,042\,252\,216\,911\,774\,156\,554\,329\,\backslash\\
&\quad 316\,840\,155\,862\,656\,478\,736\,851\,503\,734\,465\,757\,184\,000\,000\,000\,000\,z^{53} -\\
&4\,585\,162\,401\,786\,543\,526\,714\,444\,186\,764\,494\,790\,645\,683\,731\,730\,332\,370\,426\,044\,811\,241\,654\,532\,888\,\backslash\\
&\quad 184\,571\,818\,795\,930\,363\,499\,980\,104\,268\,774\,375\,822\,556\,653\,635\,658\,229\,576\,550\,002\,352\,715\,990\,845\,\backslash\\
&\quad 164\,390\,847\,345\,467\,242\,310\,331\,849\,994\,194\,124\,800\,000\,000\,000\,000\,z^{54} -\\
&9\,937\,118\,766\,087\,911\,283\,085\,115\,050\,299\,676\,055\,844\,934\,088\,154\,312\,806\,890\,077\,281\,990\,339\,724\,111\,\backslash\\
&\quad 972\,909\,051\,247\,724\,431\,396\,360\,335\,757\,404\,467\,488\,307\,656\,824\,494\,057\,815\,091\,306\,330\,958\,068\,047\,\backslash\\
&\quad 698\,623\,106\,427\,592\,262\,495\,506\,694\,049\,628\,160\,000\,000\,000\,000\,000\,z^{55}\Big)\,\Theta_z^3 +\\
&\Big(1\,080\,224\,753\,285\,541\,505\,824\,000\,z - 957\,642\,594\,000\,575\,021\,970\,833\,639\,248\,000\,z^2 +\\
&\quad 146\,739\,483\,916\,419\,805\,873\,626\,209\,463\,415\,072\,659\,200\,z^3 +\\
&\quad 1\,360\,907\,679\,669\,221\,671\,218\,629\,137\,698\,221\,357\,905\,206\,073\,600\,z^4 -\\
&\quad 877\,313\,507\,336\,472\,594\,114\,057\,251\,431\,427\,336\,486\,381\,620\,779\,356\,160\,z^5 +\\
&\quad 701\,708\,330\,029\,404\,392\,359\,276\,107\,666\,025\,605\,578\,623\,860\,023\,705\,236\,838\,400\,z^6 -\\
&\quad 61\,199\,218\,679\,894\,665\,748\,315\,100\,729\,244\,069\,358\,082\,883\,655\,906\,798\,996\,712\,058\,880\,z^7 -\\
&\quad 1\,876\,482\,335\,109\,296\,832\,304\,187\,172\,984\,496\,828\,505\,997\,488\,015\,945\,366\,316\,528\,573\,972\,480\,z^8 -\\
&\quad 1\,776\,566\,112\,733\,940\,188\,645\,472\,776\,405\,795\,930\,105\,944\,640\,538\,557\,092\,502\,486\,978\,165\,405\,384\,704\\
&\qquad z^9 -\\
&\quad 172\,793\,043\,659\,345\,314\,357\,994\,850\,242\,326\,645\,195\,010\,809\,867\,838\,399\,582\,474\,828\,310\,844\,377\,265\,\backslash\\
&\quad\quad 078\,272\,z^{10} -\\
&\quad 8\,904\,494\,378\,976\,700\,747\,314\,967\,881\,490\,959\,604\,071\,213\,375\,940\,386\,914\,752\,402\,475\,179\,877\,983\,571\,\backslash\\
&\quad\quad 471\,761\,408\,z^{11} +\\
&\quad 68\,295\,281\,312\,437\,807\,134\,561\,362\,157\,185\,609\,943\,625\,972\,641\,722\,039\,302\,686\,829\,782\,434\,067\,589\,370\,\backslash\\
&\quad\quad 046\,108\,925\,952\,z^{12} -\\
&\quad 2\,077\,041\,151\,168\,469\,662\,853\,997\,309\,371\,427\,493\,503\,715\,307\,574\,451\,128\,748\,631\,922\,724\,015\,403\,278\,\backslash\\
&\quad\quad 168\,030\,861\,793\,951\,744\,z^{13} +\\
&\quad 34\,112\,427\,122\,524\,853\,399\,541\,127\,827\,055\,168\,544\,523\,266\,162\,756\,261\,289\,714\,516\,604\,793\,207\,758\,320\,\backslash\\
&\quad\quad 709\,647\,296\,550\,854\,983\,680\,z^{14} +\\
&\quad 150\,331\,491\,971\,524\,384\,195\,847\,127\,492\,503\,606\,260\,555\,375\,112\,935\,600\,232\,471\,863\,015\,234\,552\,140\,\backslash\\
&\quad\quad 276\,871\,504\,472\,984\,508\,489\,007\,104\,z^{15} +\\
&\quad 4\,799\,297\,260\,602\,972\,965\,206\,655\,386\,647\,570\,029\,064\,461\,031\,281\,084\,015\,895\,729\,842\,663\,220\,236\,348\,\backslash\\
&\quad\quad 607\,969\,120\,733\,155\,959\,204\,013\,408\,256\,z^{16} +\\
&\quad 549\,150\,082\,640\,309\,168\,494\,407\,745\,004\,583\,651\,523\,333\,745\,869\,420\,910\,814\,719\,229\,217\,080\,012\,641\,\backslash\\
&\quad\quad 875\,092\,352\,055\,915\,488\,576\,007\,842\,037\,760\,z^{17} +\\
&\quad 36\,256\,284\,070\,947\,581\,617\,575\,495\,931\,081\,550\,196\,883\,811\,637\,702\,705\,343\,119\,065\,237\,040\,103\,508\,043\,\backslash\\
&\quad\quad 172\,360\,593\,264\,810\,757\,800\,429\,871\,511\,371\,776\,z^{18} -\\
&\quad 176\,804\,448\,699\,407\,639\,039\,690\,164\,711\,076\,563\,977\,648\,616\,184\,137\,350\,946\,490\,122\,890\,362\,052\,808\,\backslash\\
&\quad\quad 946\,855\,684\,994\,115\,537\,996\,444\,125\,686\,325\,609\,234\,432\,z^{19} +\\
&\quad 447\,488\,318\,763\,675\,954\,948\,848\,387\,840\,557\,335\,633\,238\,078\,978\,026\,147\,479\,374\,728\,254\,111\,183\,446\,\backslash
\end{aligned}
$$

000 146 866 991 646 271 976 868 455 979 558 653 302 669 312 z^{20} −
1 715 418 519 651 551 279 009 926 297 517 783 790 895 265 003 183 627 729 428 661 300 436 930 701 945 ÷
916 402 174 427 585 252 667 676 577 821 699 823 271 673 856 000 z^{21} +
5 727 417 671 149 281 249 740 679 478 591 885 026 049 514 737 182 009 439 049 460 834 301 679 549 816 ÷
592 192 007 168 142 938 078 737 094 605 801 471 736 416 984 629 248 z^{22} +
5 962 014 821 102 859 590 162 518 657 378 447 469 823 410 867 597 414 447 492 261 197 863 897 571 008 ÷
171 841 091 059 727 985 273 055 998 848 817 390 581 822 177 176 190 976 z^{23} −
21 239 553 107 533 354 771 760 727 191 951 830 992 967 996 228 391 792 718 277 160 925 804 675 485 549 ÷
773 800 884 042 392 022 578 405 635 379 694 067 399 379 499 565 755 400 192 z^{24} +
35 137 385 340 858 280 279 451 683 611 502 826 652 317 578 261 172 280 484 813 003 118 868 071 769 889 ÷
138 031 312 542 829 204 655 910 275 650 539 417 081 931 760 361 590 753 329 152 z^{25} −
12 934 166 513 985 987 169 914 914 434 520 525 485 805 130 718 997 265 116 644 573 395 806 656 351 528 ÷
609 643 780 421 858 405 749 785 524 247 414 996 131 072 877 618 912 464 312 729 600 z^{26} −
4 937 152 752 856 057 985 608 128 423 066 126 806 011 173 049 917 892 604 532 403 166 864 330 043 971 ÷
601 257 749 315 714 706 133 592 255 746 261 532 026 400 746 185 161 304 914 922 569 728 z^{27} +
858 065 114 917 953 650 722 276 865 468 486 234 706 863 076 876 905 969 438 762 860 299 527 290 299 ÷
837 684 550 724 044 190 718 317 567 851 324 467 207 786 613 420 448 123 094 240 476 528 640 z^{28} +
14 632 494 618 614 248 894 550 225 350 512 638 786 131 632 242 766 232 013 734 367 641 101 124 078 079 ÷
569 745 185 026 357 706 559 170 184 780 858 063 167 208 352 764 553 345 520 744 924 822 110 208 z^{29} +
7 646 446 975 311 149 905 672 879 202 213 256 733 859 606 404 030 235 892 434 615 150 641 893 187 208 ÷
136 510 930 023 513 588 124 089 745 990 872 416 426 700 426 438 189 074 040 250 527 367 345 209 344
z^{30} +
4 761 379 387 767 407 938 755 294 348 609 203 748 393 921 890 692 282 344 875 557 085 841 444 987 083 ÷
452 070 882 846 343 511 945 162 544 210 002 166 884 142 250 877 101 872 032 727 166 304 976 069 722 ÷
112 z^{31} −
2 669 459 086 802 756 696 095 293 380 256 648 210 983 768 125 650 824 357 258 615 876 063 643 581 952 ÷
028 524 168 864 545 626 170 973 045 611 911 776 562 505 127 243 215 486 323 948 719 039 419 227 603 ÷
730 432 z^{32} −
1 364 463 945 277 899 513 948 243 213 972 486 697 122 506 309 835 807 988 464 879 713 693 138 186 124 ÷
659 797 153 358 120 035 139 487 473 519 545 869 743 063 675 817 236 463 639 844 778 849 499 294 774 ÷
211 903 488 z^{33} −
1 070 466 914 362 311 335 020 630 124 384 801 980 091 550 527 603 345 242 041 136 882 884 923 565 031 ÷
206 971 090 542 153 774 589 615 202 959 321 782 144 594 354 842 122 756 056 154 184 259 656 720 252 ÷
261 105 664 000 z^{34} −
28 236 167 536 546 527 369 072 398 312 042 085 359 134 194 358 361 975 464 094 443 222 533 082 357 399 ÷
986 224 736 958 049 847 240 910 631 609 598 272 658 475 664 390 198 391 930 590 093 237 221 734 932 ÷
696 279 285 760 z^{35} +
15 176 686 723 315 054 152 195 355 951 405 723 880 231 471 382 049 873 006 375 967 571 595 673 272 558 ÷
495 884 592 357 429 314 711 691 195 533 223 368 194 809 660 888 771 410 085 443 648 697 715 940 549 ÷
630 174 198 497 280 z^{36} +
59 031 658 301 970 285 061 991 568 047 350 356 387 967 977 602 055 094 365 904 507 826 635 117 393 262 ÷
778 223 258 721 126 849 343 481 502 443 031 939 561 009 146 190 661 946 356 794 308 550 270 747 547 ÷
540 434 349 635 665 920 z^{37} −
4 060 377 995 769 588 484 637 534 952 971 966 471 420 488 367 279 911 710 498 558 655 643 890 887 295 ÷
392 778 235 921 383 436 602 212 237 599 125 693 868 634 071 404 061 313 074 493 240 021 877 248 300 ÷
164 015 874 499 244 195 840 z^{38} +
694 952 768 486 913 953 938 707 887 639 379 853 707 546 393 165 531 684 317 430 523 208 454 559 597 ÷
828 509 286 410 857 485 840 826 126 010 362 378 933 157 384 636 828 145 644 543 847 499 250 966 908 ÷
471 180 583 593 587 989 544 960 z^{39} −
346 418 237 239 038 746 319 935 241 339 230 486 543 975 492 412 520 049 313 816 415 295 623 219 593 ÷
030 050 472 640 098 823 269 788 117 324 588 960 029 939 823 661 257 491 023 485 325 824 126 681 442 ÷

$$
\begin{aligned}
&634\,231\,182\,655\,992\,833\,140\,326\,400\,z^{40} - \\
&85\,312\,809\,011\,763\,816\,626\,882\,737\,539\,156\,169\,343\,036\,568\,295\,349\,223\,431\,689\,125\,341\,120\,622\,387\,682\,\backslash \\
&\quad 537\,392\,334\,336\,495\,330\,509\,462\,875\,205\,319\,291\,551\,856\,216\,708\,639\,989\,714\,327\,751\,653\,876\,216\,830\,\backslash \\
&\quad 115\,248\,900\,946\,960\,240\,617\,717\,760\,z^{41} - \\
&4\,454\,460\,305\,679\,082\,065\,361\,155\,169\,268\,789\,139\,505\,717\,943\,722\,749\,514\,041\,352\,566\,074\,056\,097\,426\,\backslash \\
&\quad 481\,146\,226\,961\,550\,268\,907\,130\,928\,366\,607\,654\,269\,459\,693\,098\,996\,135\,538\,845\,240\,084\,257\,702\,877\,\backslash \\
&\quad 872\,664\,062\,031\,063\,561\,159\,678\,361\,600\,z^{42} - \\
&1\,502\,040\,931\,507\,784\,595\,239\,890\,450\,518\,632\,718\,318\,904\,261\,995\,433\,759\,243\,122\,043\,439\,569\,750\,701\,\backslash \\
&\quad 584\,096\,457\,587\,247\,265\,364\,476\,672\,264\,518\,126\,750\,884\,444\,532\,624\,397\,217\,328\,969\,961\,947\,973\,658\,\backslash \\
&\quad 485\,318\,470\,978\,386\,579\,085\,785\,143\,705\,600\,z^{43} - \\
&327\,228\,905\,331\,931\,608\,884\,769\,913\,480\,924\,708\,655\,991\,093\,531\,618\,055\,840\,724\,269\,907\,691\,639\,983\,\backslash \\
&\quad 686\,988\,040\,742\,397\,898\,415\,279\,909\,976\,294\,502\,056\,174\,323\,834\,294\,521\,828\,212\,966\,998\,125\,029\,937\,\backslash \\
&\quad 943\,615\,781\,979\,485\,388\,663\,150\,248\,932\,147\,200\,z^{44} + \\
&28\,547\,759\,457\,744\,706\,592\,820\,613\,575\,734\,216\,230\,444\,526\,156\,131\,488\,527\,101\,011\,116\,537\,197\,567\,437\,\backslash \\
&\quad 628\,918\,762\,515\,942\,219\,973\,704\,280\,873\,840\,483\,609\,969\,068\,464\,488\,391\,290\,737\,064\,473\,038\,494\,023\,\backslash \\
&\quad 807\,331\,440\,396\,293\,139\,567\,516\,095\,348\,736\,000\,z^{45} - \\
&2\,709\,035\,069\,989\,560\,472\,115\,753\,764\,854\,830\,639\,839\,343\,490\,190\,078\,599\,454\,300\,952\,109\,718\,176\,602\,\backslash \\
&\quad 619\,684\,458\,184\,080\,411\,229\,335\,414\,151\,569\,145\,609\,615\,919\,017\,570\,800\,105\,430\,217\,445\,501\,242\,382\,\backslash \\
&\quad 599\,334\,185\,002\,167\,747\,430\,988\,469\,311\,950\,028\,800\,z^{46} + \\
&97\,379\,217\,120\,855\,462\,614\,209\,135\,787\,347\,593\,864\,310\,267\,207\,581\,064\,155\,846\,726\,643\,592\,290\,072\,588\,\backslash \\
&\quad 595\,263\,302\,037\,527\,397\,908\,895\,345\,766\,570\,740\,706\,620\,699\,127\,783\,375\,704\,657\,509\,220\,613\,305\,816\,\backslash \\
&\quad 476\,935\,514\,889\,347\,395\,692\,902\,823\,135\,019\,008\,000\,z^{47} + \\
&5\,816\,213\,982\,965\,368\,081\,719\,394\,138\,536\,581\,168\,529\,476\,436\,660\,014\,547\,305\,083\,784\,012\,356\,542\,463\,\backslash \\
&\quad 417\,510\,536\,318\,423\,055\,669\,373\,415\,382\,691\,460\,554\,781\,871\,890\,431\,359\,242\,107\,121\,674\,861\,995\,321\,\backslash \\
&\quad 634\,499\,014\,107\,781\,584\,974\,460\,918\,841\,863\,045\,120\,000\,z^{48} + \\
&161\,390\,844\,516\,900\,286\,955\,194\,803\,601\,114\,661\,964\,882\,222\,696\,639\,539\,960\,130\,682\,915\,122\,407\,105\,\backslash \\
&\quad 971\,746\,327\,148\,249\,765\,594\,499\,717\,619\,230\,855\,363\,830\,276\,694\,038\,129\,583\,900\,073\,209\,424\,553\,421\,\backslash \\
&\quad 751\,920\,837\,466\,119\,499\,148\,690\,662\,687\,507\,690\,291\,200\,000\,z^{49} - \\
&1\,026\,024\,135\,656\,384\,456\,877\,988\,133\,991\,596\,292\,615\,326\,826\,772\,667\,785\,678\,856\,892\,512\,900\,464\,511\,\backslash \\
&\quad 006\,566\,188\,973\,505\,776\,059\,072\,030\,248\,935\,397\,972\,421\,935\,773\,147\,097\,358\,034\,146\,017\,933\,886\,962\,\backslash \\
&\quad 181\,674\,718\,498\,252\,832\,158\,069\,408\,878\,517\,288\,960\,000\,000\,z^{50} - \\
&10\,288\,499\,764\,099\,193\,846\,437\,796\,349\,251\,889\,865\,822\,777\,802\,414\,418\,163\,487\,869\,130\,377\,438\,994\,843\,\backslash \\
&\quad 032\,105\,367\,249\,808\,958\,985\,806\,026\,376\,442\,144\,118\,811\,927\,306\,624\,102\,173\,859\,969\,770\,084\,880\,528\,\backslash \\
&\quad 706\,435\,388\,111\,198\,236\,211\,821\,768\,572\,560\,998\,400\,000\,000\,z^{51} - \\
&2\,079\,081\,921\,499\,468\,171\,869\,250\,731\,608\,869\,395\,968\,537\,648\,689\,888\,223\,603\,983\,329\,473\,081\,880\,142\,\backslash \\
&\quad 961\,014\,827\,907\,876\,405\,278\,811\,797\,616\,057\,728\,397\,817\,071\,427\,183\,498\,778\,182\,353\,978\,580\,733\,586\,\backslash \\
&\quad 852\,831\,000\,414\,456\,263\,686\,485\,894\,880\,454\,246\,400\,000\,000\,000\,z^{52} - \\
&77\,637\,864\,249\,801\,531\,451\,130\,381\,692\,939\,606\,130\,311\,036\,563\,732\,269\,028\,238\,019\,824\,033\,336\,071\,323\,\backslash \\
&\quad 642\,571\,762\,560\,579\,361\,213\,541\,672\,910\,018\,709\,470\,437\,670\,839\,338\,635\,552\,057\,572\,634\,751\,730\,391\,\backslash \\
&\quad 275\,150\,979\,573\,426\,501\,220\,245\,493\,731\,504\,947\,200\,000\,000\,000\,z^{53} - \\
&1\,892\,935\,693\,270\,597\,894\,368\,369\,034\,367\,767\,877\,235\,671\,017\,742\,121\,626\,441\,042\,495\,774\,134\,632\,348\,\backslash \\
&\quad 555\,195\,690\,702\,199\,709\,095\,699\,782\,029\,902\,989\,743\,764\,764\,010\,916\,922\,321\,460\,659\,392\,938\,123\,792\,\backslash \\
&\quad 181\,045\,735\,248\,478\,391\,829\,372\,428\,437\,422\,080\,000\,000\,000\,000\,000\,z^{54} - \\
&4\,078\,031\,606\,067\,615\,779\,997\,032\,375\,082\,336\,142\,853\,370\,090\,630\,545\,360\,899\,093\,029\,994\,728\,524\,937\,\backslash \\
&\quad 443\,931\,254\,760\,991\,517\,256\,945\,137\,093\,311\,358\,466\,908\,988\,479\,326\,109\,409\,826\,975\,279\,618\,037\,574\,\backslash \\
&\quad 134\,267\,086\,518\,887\,361\,963\,152\,240\,667\,525\,120\,000\,000\,000\,000\,000\,z^{55}\Big)\,\theta_z^2 + \\
&\Big(125\,607\,529\,451\,807\,151\,840\,000\,z - 78\,521\,748\,100\,484\,588\,008\,742\,951\,040\,000\,z^2 + \\
&\quad 21\,596\,193\,468\,364\,591\,194\,225\,121\,731\,970\,757\,472\,000\,z^3 + \\
&\quad 317\,750\,918\,437\,139\,513\,853\,594\,025\,437\,091\,584\,020\,315\,904\,000\,z^4 - \\
&\quad 142\,850\,175\,569\,825\,317\,256\,983\,122\,388\,408\,826\,074\,289\,043\,696\,921\,600\,z^5 + \\
&\quad 155\,815\,499\,041\,840\,641\,441\,974\,223\,210\,270\,514\,906\,056\,350\,042\,747\,582\,873\,600\,z^6 -
\end{aligned}
$$

22 410 580 973 780 087 164 428 986 511 510 480 922 686 266 616 295 954 532 480 000 000 z^7 +
456 731 173 352 500 023 484 175 844 725 983 816 335 567 760 036 273 356 711 982 812 364 800 z^8 −
444 030 672 592 187 401 300 693 709 062 038 160 695 167 495 045 243 067 237 234 428 911 311 912 960 z^9 −
37 560 534 385 665 930 343 543 420 868 333 174 048 482 178 294 623 293 015 013 167 201 969 335 728 865 ∖
280 z^{10} −
1 433 419 837 112 376 617 562 476 389 872 763 009 526 421 301 516 158 536 702 226 223 546 570 556 618 ∖
959 749 120 z^{11} +
15 159 916 745 826 909 387 577 834 642 119 013 318 066 334 602 012 843 755 504 431 693 171 558 852 765 ∖
962 815 406 080 z^{12} −
223 442 697 365 893 145 032 896 558 971 981 788 767 884 958 492 700 423 310 968 843 533 653 325 154 ∖
040 342 139 119 861 760 z^{13} +
8 916 342 432 215 271 471 301 741 749 298 679 534 824 461 342 475 123 917 037 821 721 440 258 936 824 ∖
716 169 718 230 239 150 080 z^{14} +
47 852 003 777 984 322 718 098 789 991 251 812 503 280 376 496 880 448 845 703 757 789 674 498 182 134 ∖
288 360 515 488 702 686 822 400 z^{15} +
1 032 271 473 482 281 545 090 622 913 827 535 230 917 992 449 373 380 781 794 574 859 861 309 442 774 ∖
123 477 400 407 972 310 068 441 907 200 z^{16} −
680 337 021 386 987 675 450 377 748 925 202 630 922 992 998 658 632 916 561 254 581 920 457 900 244 ∖
324 336 508 443 896 425 833 779 209 175 040 z^{17} +
4 388 090 597 443 804 390 041 221 025 402 554 309 727 453 534 538 896 896 084 933 164 786 089 872 992 ∖
244 544 170 548 222 492 063 466 785 572 126 720 z^{18} −
48 068 237 843 850 179 948 876 026 858 703 762 774 095 719 596 843 134 664 804 027 616 568 200 810 444 ∖
051 231 195 740 084 816 625 138 662 720 699 105 280 z^{19} +
85 375 261 208 291 868 370 061 392 514 834 210 074 836 455 790 622 879 586 032 952 856 622 628 558 343 ∖
594 728 882 873 878 532 511 687 928 555 625 250 816 000 z^{20} −
369 791 046 975 426 344 079 295 224 448 187 329 038 025 890 608 825 321 268 929 868 481 860 199 796 ∖
494 466 652 558 811 916 261 569 791 347 452 246 840 018 206 720 z^{21} +
1 490 959 174 915 976 158 776 691 905 553 142 020 175 940 385 863 263 073 602 678 301 750 036 747 630 ∖
610 294 908 583 143 555 975 689 706 966 236 477 602 774 772 613 120 z^{22} +
962 491 325 905 909 273 468 516 270 816 136 175 072 243 802 211 406 052 979 570 246 588 867 415 887 ∖
328 150 686 082 699 734 425 603 387 407 231 020 207 359 984 266 117 120 z^{23} −
4 959 890 759 945 023 065 459 130 865 911 066 121 568 194 326 005 676 632 404 851 031 564 639 407 183 ∖
967 657 213 038 446 066 236 489 844 471 626 008 926 425 159 920 821 207 040 z^{24} +
8 184 174 488 501 844 718 510 129 666 161 725 268 236 661 842 339 420 053 781 388 318 626 073 561 010 ∖
586 331 846 199 238 592 152 370 448 490 117 953 271 928 944 153 768 639 856 640 z^{25} −
4 482 110 340 662 753 166 814 029 857 177 364 676 092 669 957 554 389 824 228 924 515 338 478 919 116 ∖
295 209 398 890 255 833 608 848 582 777 462 214 876 700 823 196 213 200 499 507 200 z^{26} −
1 039 990 911 641 314 280 306 650 326 211 122 108 515 454 009 231 467 052 796 936 341 580 364 280 488 ∖
802 157 061 332 418 081 986 270 907 327 145 544 397 035 210 083 354 611 317 557 166 080 z^{27} −
19 136 449 232 854 321 519 395 017 687 275 315 481 465 329 511 800 735 647 793 213 247 613 339 717 961 ∖
917 252 221 058 978 046 635 165 744 008 377 522 093 979 909 469 773 942 418 120 376 320 z^{28} +
3 384 276 066 323 032 547 517 846 843 289 828 676 937 140 484 341 767 044 002 265 069 477 927 209 006 ∖
984 474 343 323 574 692 223 308 572 065 011 913 245 691 373 033 835 193 260 504 391 415 234 560 z^{29} +
1 457 534 560 511 835 797 805 768 247 246 413 448 282 867 389 259 905 804 436 450 859 571 006 410 478 ∖
494 004 397 614 980 843 203 863 526 004 623 023 542 073 464 924 594 092 574 057 270 329 705 758 720
z^{30} +
732 306 505 803 154 921 849 338 439 275 326 800 069 493 090 844 335 195 573 224 848 649 131 612 992 ∖
545 124 164 297 633 810 532 925 205 182 242 289 909 768 088 776 884 649 067 313 768 524 331 593 236 ∖
480 z^{31} −
792 069 210 341 590 748 651 856 938 440 722 562 057 424 639 599 642 459 789 868 512 358 158 022 714 ∖
168 259 735 706 905 413 245 861 564 169 953 574 373 634 353 919 623 578 192 253 289 143 401 462 020 ∖

$$
\begin{aligned}
&177\,920\,z^{32} - \\
&303\,929\,285\,779\,572\,488\,297\,379\,359\,922\,254\,269\,304\,920\,887\,453\,726\,439\,347\,030\,994\,045\,208\,559\,490 \cdot \\
&\quad 891\,335\,130\,801\,363\,116\,603\,963\,862\,692\,256\,362\,775\,005\,369\,932\,045\,159\,766\,871\,534\,665\,080\,673\,191 \cdot \\
&\quad 403\,192\,320\,z^{33} - \\
&185\,093\,337\,764\,475\,541\,891\,753\,421\,417\,384\,762\,047\,739\,059\,599\,475\,768\,460\,052\,324\,045\,272\,731\,215 \cdot \\
&\quad 608\,870\,676\,392\,510\,875\,515\,961\,038\,064\,563\,446\,556\,952\,497\,849\,533\,149\,066\,487\,014\,273\,593\,313\,931 \cdot \\
&\quad 409\,762\,549\,760\,z^{34} + \\
&40\,653\,977\,970\,282\,133\,003\,605\,924\,764\,463\,744\,677\,657\,778\,785\,510\,997\,698\,062\,728\,544\,774\,294\,131\,226 \cdot \\
&\quad 462\,227\,981\,626\,191\,275\,255\,782\,732\,041\,294\,290\,346\,934\,998\,369\,827\,770\,913\,172\,286\,542\,852\,657\,942 \cdot \\
&\quad 335\,974\,277\,120\,z^{35} + \\
&20\,541\,482\,608\,033\,653\,984\,473\,889\,482\,252\,561\,670\,124\,417\,390\,491\,954\,432\,859\,474\,184\,776\,380\,995\,146 \cdot \\
&\quad 648\,914\,547\,708\,662\,935\,442\,126\,713\,459\,776\,320\,469\,679\,952\,143\,913\,329\,647\,832\,347\,608\,207\,606\,361 \cdot \\
&\quad 382\,155\,620\,188\,160\,z^{36} + \\
&17\,824\,597\,815\,325\,185\,038\,373\,180\,010\,157\,007\,724\,806\,689\,208\,822\,636\,567\,557\,001\,392\,239\,369\,614\,627 \cdot \\
&\quad 223\,318\,221\,820\,177\,744\,065\,412\,166\,192\,129\,458\,991\,676\,608\,321\,506\,336\,709\,129\,941\,108\,199\,387\,623 \cdot \\
&\quad 433\,624\,136\,544\,419\,840\,z^{37} - \\
&1\,100\,996\,017\,094\,513\,926\,163\,135\,269\,688\,358\,342\,881\,059\,235\,569\,482\,806\,548\,428\,323\,045\,437\,330\,828 \cdot \\
&\quad 160\,489\,437\,655\,482\,609\,539\,434\,326\,288\,653\,538\,955\,654\,159\,371\,651\,947\,214\,786\,369\,522\,391\,858\,160 \cdot \\
&\quad 942\,909\,751\,994\,603\,274\,240\,z^{38} + \\
&131\,404\,731\,189\,107\,548\,130\,231\,649\,633\,740\,162\,361\,690\,694\,530\,079\,823\,773\,813\,815\,692\,715\,869\,006 \cdot \\
&\quad 575\,457\,930\,011\,572\,246\,478\,102\,289\,770\,647\,439\,355\,249\,018\,763\,824\,761\,014\,824\,301\,199\,088\,949\,495 \cdot \\
&\quad 339\,672\,623\,065\,770\,806\,476\,800\,z^{39} - \\
&114\,887\,129\,236\,456\,587\,736\,884\,985\,618\,541\,988\,131\,865\,722\,176\,584\,738\,683\,472\,592\,129\,467\,459\,589 \cdot \\
&\quad 308\,452\,994\,140\,542\,493\,070\,042\,947\,014\,366\,420\,856\,495\,128\,730\,736\,191\,830\,954\,921\,387\,062\,301\,711 \cdot \\
&\quad 916\,037\,284\,581\,790\,237\,432\,217\,600\,z^{40} - \\
&25\,654\,520\,373\,434\,448\,320\,659\,888\,393\,570\,228\,981\,837\,318\,910\,251\,550\,049\,414\,625\,055\,926\,231\,755\,204 \cdot \\
&\quad 579\,720\,485\,963\,070\,417\,910\,174\,325\,020\,969\,573\,713\,567\,333\,043\,528\,837\,573\,730\,296\,276\,539\,440\,478 \cdot \\
&\quad 962\,972\,286\,244\,935\,342\,804\,172\,800\,z^{41} - \\
&1\,571\,993\,696\,501\,046\,723\,715\,173\,260\,498\,054\,625\,267\,815\,574\,430\,484\,366\,605\,069\,209\,542\,770\,425\,207 \cdot \\
&\quad 189\,702\,486\,568\,297\,525\,147\,234\,786\,888\,339\,008\,605\,074\,754\,487\,617\,520\,708\,029\,869\,289\,663\,349\,138 \cdot \\
&\quad 343\,873\,648\,594\,418\,698\,961\,498\,931\,200\,z^{42} - \\
&471\,707\,691\,597\,775\,436\,497\,431\,070\,052\,135\,746\,394\,257\,563\,942\,295\,933\,875\,868\,228\,314\,697\,623\,080 \cdot \\
&\quad 955\,850\,243\,041\,070\,984\,394\,552\,161\,829\,010\,631\,369\,054\,175\,180\,174\,603\,399\,489\,594\,091\,241\,867\,071 \cdot \\
&\quad 683\,333\,971\,708\,577\,486\,415\,001\,236\,275\,200\,z^{43} - \\
&88\,548\,452\,495\,676\,557\,421\,306\,354\,016\,666\,465\,595\,023\,847\,190\,678\,117\,197\,884\,411\,244\,317\,494\,225\,983 \cdot \\
&\quad 076\,870\,494\,763\,078\,947\,858\,974\,796\,078\,054\,506\,266\,492\,943\,537\,104\,032\,745\,006\,482\,860\,721\,514\,974 \cdot \\
&\quad 121\,410\,435\,325\,831\,301\,100\,055\,035\,904\,000\,z^{44} + \\
&7\,781\,322\,025\,073\,678\,426\,127\,200\,833\,549\,852\,315\,717\,120\,986\,058\,297\,294\,507\,713\,061\,658\,403\,954\,481 \cdot \\
&\quad 992\,077\,490\,787\,193\,764\,014\,231\,208\,597\,331\,932\,748\,493\,223\,578\,366\,370\,975\,397\,556\,294\,597\,446\,053 \cdot \\
&\quad 871\,437\,710\,730\,469\,611\,645\,309\,940\,662\,272\,000\,z^{45} - \\
&733\,915\,340\,827\,382\,859\,662\,000\,188\,221\,479\,373\,561\,552\,383\,760\,116\,331\,357\,844\,422\,018\,976\,668\,428 \cdot \\
&\quad 728\,133\,483\,674\,770\,504\,265\,316\,452\,119\,056\,399\,661\,596\,419\,081\,041\,380\,418\,974\,947\,977\,918\,674\,984 \cdot \\
&\quad 502\,586\,247\,111\,449\,381\,114\,347\,513\,893\,093\,376\,000\,z^{46} + \\
&26\,358\,796\,865\,060\,878\,208\,605\,604\,101\,208\,453\,228\,235\,232\,699\,838\,129\,392\,608\,467\,844\,176\,149\,779\,524 \cdot \\
&\quad 570\,707\,000\,894\,195\,660\,599\,836\,403\,438\,125\,560\,713\,277\,282\,824\,584\,015\,490\,964\,091\,502\,101\,280\,062 \cdot \\
&\quad 729\,403\,896\,688\,403\,423\,774\,722\,213\,040\,619\,520\,000\,z^{47} + \\
&1\,599\,934\,977\,447\,298\,783\,452\,941\,354\,947\,653\,665\,380\,831\,151\,685\,708\,428\,012\,298\,972\,043\,313\,301\,836 \cdot \\
&\quad 636\,820\,309\,864\,361\,342\,505\,029\,607\,511\,322\,316\,591\,582\,591\,905\,753\,638\,726\,234\,373\,459\,229\,962\,164 \cdot \\
&\quad 782\,450\,264\,845\,516\,740\,000\,918\,666\,155\,026\,022\,400\,000\,z^{48} + \\
&44\,386\,604\,417\,381\,702\,695\,163\,128\,078\,838\,124\,756\,988\,309\,266\,546\,385\,727\,915\,568\,218\,052\,718\,150\,444 \cdot \\
&\quad 413\,533\,794\,241\,063\,779\,494\,957\,965\,905\,555\,208\,449\,026\,515\,149\,748\,976\,726\,934\,071\,153\,770\,953\,674 \cdot
\end{aligned}
$$

$$
\begin{aligned}
&740\,979\,260\,256\,956\,046\,177\,292\,904\,980\,021\,248\,000\,000\,z^{49} - \\
&267\,316\,446\,892\,516\,090\,342\,620\,644\,719\,695\,729\,774\,841\,553\,538\,786\,825\,743\,418\,011\,210\,086\,385\,208 \\
&\quad 073\,592\,636\,605\,657\,554\,705\,330\,921\,377\,749\,313\,489\,006\,131\,359\,544\,256\,215\,829\,180\,180\,918\,426\,383 \\
&\quad 245\,098\,925\,131\,684\,062\,628\,312\,791\,521\,637\,171\,200\,000\,000\,z^{50} - \\
&1\,771\,741\,913\,658\,013\,855\,478\,799\,212\,087\,521\,041\,708\,539\,747\,289\,140\,944\,463\,626\,137\,529\,100\,983\,354 \\
&\quad 861\,013\,622\,744\,186\,051\,434\,803\,985\,664\,867\,341\,464\,591\,815\,766\,887\,447\,069\,954\,795\,673\,209\,368\,689 \\
&\quad 691\,699\,136\,835\,675\,375\,994\,752\,366\,045\,822\,976\,000\,000\,000\,z^{51} - \\
&485\,896\,944\,711\,806\,051\,669\,823\,543\,665\,375\,631\,914\,365\,930\,556\,444\,261\,360\,301\,760\,110\,325\,253\,521 \\
&\quad 227\,354\,444\,399\,558\,206\,499\,220\,007\,427\,498\,826\,707\,885\,747\,947\,238\,397\,190\,804\,962\,784\,227\,250\,630 \\
&\quad 050\,835\,469\,115\,634\,501\,002\,311\,899\,124\,072\,448\,000\,000\,000\,000\,z^{52} - \\
&19\,256\,471\,065\,316\,268\,862\,740\,842\,488\,594\,406\,399\,293\,752\,912\,604\,527\,798\,917\,476\,481\,967\,859\,200\,166 \\
&\quad 791\,342\,096\,885\,529\,326\,633\,267\,053\,131\,102\,038\,701\,486\,587\,130\,000\,522\,964\,517\,622\,500\,304\,286\,357 \\
&\quad 053\,734\,545\,531\,386\,576\,553\,417\,021\,560\,193\,024\,000\,000\,000\,000\,z^{53} - \\
&462\,504\,803\,376\,047\,036\,446\,610\,930\,499\,591\,589\,550\,024\,009\,156\,051\,111\,048\,284\,905\,157\,412\,509\,507 \\
&\quad 943\,013\,347\,403\,185\,573\,028\,589\,795\,818\,713\,384\,506\,232\,269\,943\,908\,463\,303\,991\,228\,242\,192\,725\,939 \\
&\quad 010\,381\,304\,743\,775\,720\,346\,700\,743\,327\,088\,640\,000\,000\,000\,000\,000\,z^{54} - \\
&991\,320\,892\,168\,956\,234\,992\,089\,207\,399\,750\,847\,534\,189\,807\,260\,241\,568\,043\,272\,466\,024\,967\,437\,844 \\
&\quad 870\,086\,064\,615\,015\,323\,549\,270\,858\,170\,352\,364\,025\,936\,830\,700\,621\,758\,796\,455\,155\,358\,335\,855\,040 \\
&\quad 095\,561\,018\,556\,964\,352\,378\,672\,291\,145\,318\,400\,000\,000\,000\,000\,000\,z^{55}\Big)\,\theta_z + \\
&\Big(5\,202\,293\,995\,807\,126\,056\,663\,552\,000\,000\,z^2 + 1\,261\,579\,848\,260\,631\,693\,778\,546\,582\,762\,675\,200\,000\,z^3 + \\
&30\,219\,221\,718\,733\,569\,050\,594\,149\,472\,916\,519\,404\,513\,280\,000\,z^4 - \\
&10\,350\,597\,390\,816\,785\,271\,908\,715\,385\,939\,998\,311\,057\,718\,220\,800\,000\,z^5 + \\
&15\,111\,279\,524\,994\,006\,329\,691\,510\,592\,894\,785\,919\,986\,871\,977\,364\,402\,176\,000\,z^6 - \\
&2\,668\,567\,334\,846\,316\,877\,826\,323\,551\,845\,287\,263\,358\,132\,049\,239\,282\,928\,136\,192\,000\,z^7 + \\
&92\,940\,052\,242\,377\,508\,415\,674\,420\,870\,801\,042\,183\,991\,849\,850\,230\,670\,126\,473\,936\,896\,000\,z^8 - \\
&48\,456\,651\,834\,427\,378\,483\,553\,844\,887\,856\,821\,219\,858\,496\,418\,872\,107\,176\,702\,552\,223\,200\,051\,200\,z^9 - \\
&3\,469\,442\,817\,957\,174\,378\,912\,204\,312\,302\,378\,443\,170\,822\,237\,010\,373\,387\,226\,770\,495\,449\,272\,523\,161 \\
&\quad 600\,z^{10} - \\
&94\,942\,721\,297\,360\,443\,559\,083\,750\,764\,567\,571\,803\,094\,188\,095\,973\,525\,488\,496\,327\,647\,983\,400\,407\,950 \\
&\quad 950\,400\,z^{11} + \\
&1\,613\,239\,558\,861\,144\,232\,034\,133\,172\,485\,324\,964\,460\,772\,103\,820\,685\,201\,413\,158\,409\,903\,086\,815\,144 \\
&\quad 956\,238\,233\,600\,z^{12} - \\
&2\,523\,332\,732\,575\,583\,676\,715\,018\,562\,813\,620\,614\,953\,660\,208\,146\,222\,634\,820\,346\,738\,246\,196\,607\,772 \\
&\quad 775\,081\,521\,971\,200\,z^{13} + \\
&950\,500\,910\,754\,381\,098\,099\,569\,653\,890\,498\,168\,745\,770\,790\,361\,666\,345\,401\,888\,244\,378\,332\,022\,945 \\
&\quad 819\,501\,633\,494\,790\,963\,200\,z^{14} + \\
&5\,423\,817\,569\,660\,920\,074\,448\,649\,628\,183\,785\,963\,968\,729\,053\,578\,036\,523\,055\,587\,063\,127\,911\,102\,114 \\
&\quad 645\,270\,232\,210\,145\,594\,572\,800\,z^{15} + \\
&98\,224\,656\,686\,008\,792\,053\,913\,991\,652\,039\,654\,846\,345\,663\,376\,601\,874\,555\,991\,891\,938\,247\,941\,716\,455 \\
&\quad 362\,322\,587\,172\,093\,954\,306\,867\,200\,z^{16} - \\
&163\,176\,836\,896\,746\,348\,226\,272\,829\,840\,746\,032\,122\,891\,882\,734\,407\,342\,905\,172\,946\,335\,575\,050\,770 \\
&\quad 117\,422\,050\,857\,930\,764\,092\,826\,032\,537\,600\,z^{17} + \\
&97\,871\,781\,248\,498\,231\,765\,078\,829\,620\,075\,707\,295\,529\,779\,824\,312\,429\,389\,964\,852\,906\,321\,622\,975\,688 \\
&\quad 437\,638\,823\,323\,247\,060\,279\,176\,986\,624\,000\,z^{18} - \\
&5\,603\,822\,225\,732\,839\,215\,889\,317\,122\,396\,705\,764\,604\,937\,043\,620\,964\,929\,524\,031\,483\,599\,658\,473\,127 \\
&\quad 026\,197\,336\,076\,128\,727\,028\,218\,168\,683\,895\,193\,600\,z^{19} + \\
&6\,846\,721\,815\,379\,377\,827\,772\,672\,527\,598\,872\,402\,137\,034\,463\,383\,208\,223\,169\,076\,646\,545\,821\,868\,433 \\
&\quad 367\,305\,988\,726\,743\,591\,769\,229\,618\,840\,414\,348\,902\,400\,z^{20} - \\
&39\,110\,613\,264\,329\,552\,908\,270\,457\,821\,331\,338\,556\,871\,646\,108\,393\,078\,279\,436\,257\,156\,584\,785\,626\,984 \\
&\quad 211\,808\,728\,316\,988\,977\,216\,410\,120\,762\,201\,297\,702\,092\,800\,z^{21} + \\
&168\,345\,015\,328\,078\,178\,378\,996\,714\,165\,749\,860\,872\,203\,492\,896\,039\,810\,480\,612\,675\,212\,948\,998\,812 \\
&\quad
\end{aligned}
$$

945 039 400 065 755 734 730 650 130 140 777 910 463 642 363 494 400 z^{22} +
61 696 717 073 951 647 515 546 656 745 229 293 940 521 046 122 364 256 236 977 885 260 819 574 406 621 ∴
916 545 415 626 967 295 771 301 627 536 523 705 147 163 934 720 000 z^{23} −
525 373 174 277 956 489 464 684 017 110 367 584 424 658 868 541 142 697 624 269 510 578 959 393 394 ∴
826 416 242 097 366 562 864 216 922 872 060 929 563 195 554 291 253 248 000 z^{24} +
841 961 975 509 567 179 674 048 109 486 067 676 604 872 990 726 479 807 124 877 077 565 399 588 021 ∴
677 069 792 047 594 911 810 440 391 530 910 296 152 143 633 227 609 800 704 000 z^{25} −
616 837 518 701 820 261 065 447 769 327 470 411 036 541 636 673 054 817 594 563 605 915 547 049 673 ∴
093 170 590 812 747 188 117 429 472 228 292 511 744 441 365 007 381 802 516 480 000 z^{26} −
102 915 920 844 758 608 783 653 404 530 304 418 290 351 914 239 885 293 832 415 885 245 088 230 238 ∴
215 023 829 897 154 760 668 821 980 975 717 015 418 031 592 565 427 041 553 140 940 800 z^{27} −
67 831 331 249 609 225 594 789 782 430 074 171 464 089 388 333 173 052 812 190 920 567 720 295 907 480 ∴
157 074 795 591 316 465 575 486 566 640 213 641 342 778 326 883 265 667 257 912 524 800 z^{28} +
311 028 114 728 616 807 268 078 731 920 728 581 556 334 212 906 868 840 528 777 565 518 834 801 325 ∴
024 746 620 854 251 486 433 928 703 659 919 419 824 721 526 589 276 246 120 146 430 590 976 000 z^{29} +
90 229 463 026 457 345 751 385 662 465 234 536 097 343 419 898 806 881 421 994 900 657 835 230 401 851 ∴
512 612 813 628 374 716 135 968 494 674 249 577 152 158 818 768 420 056 774 569 100 941 721 600 z^{30} +
30 064 622 058 604 633 793 855 830 632 530 958 665 203 003 474 166 879 055 080 241 702 051 331 949 535 ∴
650 360 603 667 237 933 275 441 197 355 231 712 638 017 919 466 933 592 745 899 153 375 730 073 600
z^{31} −
101 141 041 735 868 132 406 684 972 321 284 700 338 099 886 297 495 421 704 002 842 817 140 850 332 ∴
671 431 063 327 625 018 476 414 200 017 912 417 707 391 407 037 291 086 417 368 876 666 879 766 377 ∴
267 200 z^{32} −
28 002 896 711 538 993 786 266 463 964 302 894 128 250 112 632 437 047 214 430 180 673 933 696 124 247 ∴
077 957 432 218 492 728 451 442 560 454 282 233 029 673 353 584 649 202 323 478 159 934 578 114 324 ∴
070 400 z^{33} −
10 835 702 871 913 698 109 002 412 344 818 837 529 420 930 478 813 180 866 887 863 440 849 677 363 464 ∴
825 034 696 348 371 658 053 292 302 844 813 468 796 474 969 774 159 143 579 081 482 115 576 020 802 ∴
627 174 400 z^{34} +
10 043 102 855 939 931 988 971 883 318 840 596 862 147 251 321 138 169 341 187 690 170 182 992 721 870 ∴
329 502 921 931 942 874 073 529 395 902 821 597 314 697 928 871 425 379 796 028 919 618 924 545 873 ∴
374 137 548 800 z^{35} +
4 175 789 423 036 533 370 602 289 159 363 169 062 796 848 436 909 268 259 334 743 181 757 496 707 770 ∴
348 666 033 582 000 322 097 520 974 570 991 650 879 291 130 618 952 506 506 144 218 242 687 660 904 ∴
721 238 353 510 400 z^{36} +
2 355 416 403 819 741 634 396 901 476 828 650 836 602 012 747 079 802 222 395 259 815 683 528 624 517 ∴
594 145 246 337 471 752 484 402 975 265 868 619 490 705 960 582 645 019 069 950 786 478 435 275 736 ∴
669 513 840 171 417 600 z^{37} −
128 094 621 177 173 345 983 093 198 002 425 881 401 748 995 489 049 455 436 850 246 109 875 744 392 ∴
580 098 758 524 850 395 797 365 147 892 615 827 578 805 781 831 611 150 797 303 117 962 447 980 241 ∴
614 385 655 395 752 345 600 z^{38} +
11 376 139 860 980 912 776 543 159 807 632 061 512 601 005 338 408 752 179 173 732 326 294 082 292 180 ∴
147 315 075 174 417 516 728 534 241 988 709 945 424 338 112 872 201 453 401 148 084 940 597 818 903 ∴
892 158 070 808 117 248 000 z^{39} −
15 621 674 978 721 888 728 293 571 258 121 495 469 729 038 845 426 713 727 379 534 684 153 576 513 928 ∴
938 826 406 663 345 031 419 382 117 831 959 083 311 180 880 945 199 131 658 499 519 428 345 613 215 ∴
541 529 080 567 649 271 808 000 z^{40} −
3 303 803 589 738 678 565 832 052 170 356 727 770 752 489 565 692 906 867 125 129 162 681 746 349 558 ∴
930 170 174 115 160 889 758 215 210 788 403 189 564 032 715 217 100 008 073 095 971 104 393 121 619 ∴
913 200 942 868 312 394 563 584 000 z^{41} −
220 967 488 055 007 653 206 434 409 741 470 871 279 448 396 916 243 819 707 985 206 327 930 000 279 ∴

308 650 015 869 134 343 992 668 510 874 133 763 994 512 509 271 164 738 376 730 804 756 445 112 915 ⁞
691 966 364 810 397 996 483 084 288 000 z^{42} −
62 269 664 696 956 425 872 742 216 917 952 460 836 827 231 906 198 090 942 426 716 602 456 750 521 981 ⁞
445 323 173 027 312 133 786 448 636 574 184 134 441 691 146 206 967 570 003 752 186 648 674 014 880 ⁞
704 864 979 433 655 820 246 581 248 000 z^{43} −
10 609 116 468 494 343 788 864 204 075 328 391 324 527 907 222 669 872 258 069 245 187 972 869 150 671 ⁞
320 495 367 354 843 613 532 258 793 018 940 982 719 227 289 256 876 096 536 177 692 712 010 979 166 ⁞
615 625 068 213 332 221 542 950 502 400 000 z^{44} +
939 848 224 282 834 054 220 136 129 428 889 683 641 089 822 610 990 993 690 434 765 636 201 175 086 ⁞
643 140 704 809 258 080 648 791 190 559 833 018 516 714 139 985 852 161 729 604 892 674 769 274 521 ⁞
373 952 845 054 881 746 328 545 195 458 560 000 z^{45} −
87 666 858 228 106 550 197 276 951 650 244 842 245 379 483 303 094 532 296 441 428 044 829 185 259 898 ⁞
487 185 170 112 242 488 734 192 645 885 896 801 453 330 094 716 467 505 543 875 020 232 030 876 356 ⁞
099 285 532 360 475 153 922 315 266 293 760 000 z^{46} +
3 119 632 784 863 888 987 112 264 010 275 430 318 570 267 735 103 422 002 390 343 477 202 513 036 884 ⁞
128 360 340 072 186 508 627 997 656 945 280 830 403 510 023 574 118 330 967 914 030 157 961 675 523 ⁞
238 402 397 301 097 380 332 097 778 797 772 800 000 z^{47} +
192 765 144 288 418 993 545 961 434 712 978 195 323 187 506 877 498 824 194 228 654 606 072 577 277 ⁞
470 819 058 652 343 593 279 088 019 118 837 335 746 916 342 960 277 498 937 172 201 075 722 992 889 ⁞
234 276 940 333 010 778 626 380 003 094 298 624 000 000 z^{48} +
5 367 015 894 528 690 001 878 564 391 417 609 413 815 113 947 359 340 170 933 782 532 503 072 011 341 ⁞
314 873 651 203 825 806 756 102 163 985 390 492 242 929 646 010 819 736 879 258 577 017 907 197 041 ⁞
566 141 651 456 418 194 972 184 245 562 245 120 000 000 z^{49} −
30 729 911 692 915 559 190 335 816 681 291 953 158 394 871 799 012 610 392 861 608 671 882 876 080 804 ⁞
150 870 086 811 356 009 624 043 170 409 014 445 776 843 128 518 131 296 730 256 425 043 692 818 830 ⁞
320 994 765 128 821 841 981 772 065 144 832 000 000 000 z^{50} −
115 606 394 732 568 516 225 984 622 304 763 960 920 886 067 536 318 507 643 084 702 193 102 825 531 ⁞
060 195 170 154 652 020 313 273 454 514 030 924 778 599 346 777 151 755 308 384 797 113 038 120 046 ⁞
599 662 765 576 594 455 966 562 941 916 938 240 000 000 000 z^{51} −
50 346 928 589 964 086 603 133 447 243 033 149 868 324 759 488 622 062 393 718 663 409 725 450 532 977 ⁞
679 472 629 779 266 502 732 061 489 668 985 284 808 768 170 313 362 722 022 066 108 243 982 678 634 ⁞
683 331 489 558 186 221 526 750 362 337 280 000 000 000 000 z^{52} −
2 122 971 347 279 992 725 201 584 602 277 311 144 664 881 128 942 992 657 685 315 788 641 147 306 860 ⁞
960 174 817 330 166 207 722 790 302 801 224 321 584 850 220 710 961 486 058 920 405 093 643 846 708 ⁞
294 045 936 708 337 276 028 347 654 749 552 640 000 000 000 000 z^{53} −
50 326 670 894 759 149 543 362 331 540 950 699 437 017 448 383 854 354 577 803 287 096 028 593 158 750 ⁞
625 161 939 972 196 798 856 114 513 162 053 703 644 422 289 417 066 417 406 842 895 148 211 653 895 ⁞
088 151 769 675 054 507 151 762 181 324 800 000 000 000 000 000 z^{54} −
107 399 360 322 843 825 319 823 626 912 636 864 769 476 285 877 754 009 060 194 607 867 569 617 125 ⁞
871 754 249 209 058 886 308 970 414 475 311 564 557 452 724 308 499 250 196 737 838 782 363 422 085 ⁞
778 462 418 938 330 239 925 963 198 562 304 000 000 000 000 000 000 z^{55})

Display the REC in Theorem 5.2

In[•]:=
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Collect[Expand[SeqfromRECGuess], Seq[_]]
```

Out[•]=
(322 911 616 822 415 177 208 760 005 993 808 794 705 217 831 942 911 646 312 085 731 081 057 955 014 805 ⁞
882 505 862 337 808 826 368 000 000 000 +
6 175 379 067 629 761 092 026 310 605 879 101 228 113 154 646 292 630 092 059 510 596 275 535 710 613 ⁞
180 402 973 695 273 725 224 550 400 000 000 α +
57 150 995 244 713 646 689 425 096 163 314 003 983 272 142 036 569 864 573 791 690 548 947 431 184 ⁞
367 039 062 945 719 640 251 925 790 720 000 000 α^2 +

$$
\begin{aligned}
&341\,552\,472\,315\,856\,031\,258\,399\,610\,944\,660\,070\,130\,600\,123\,308\,728\,544\,060\,294\,786\,334\,914\,208\,151 \\
&\quad 182\,366\,317\,514\,210\,541\,978\,504\,921\,088\,000\,000\,\alpha^3 + \\
&1\,483\,883\,558\,391\,218\,704\,992\,752\,098\,498\,377\,208\,613\,608\,485\,973\,433\,354\,319\,775\,268\,855\,616\,289\,390 \\
&\quad 914\,698\,085\,560\,518\,171\,891\,088\,542\,924\,800\,000\,\alpha^4 + \\
&5\,001\,554\,219\,313\,670\,522\,632\,772\,993\,276\,136\,799\,251\,214\,964\,789\,164\,414\,344\,894\,106\,919\,465\,927\,598 \\
&\quad 504\,785\,785\,470\,030\,747\,045\,873\,477\,222\,400\,000\,\alpha^5 + \\
&13\,629\,496\,838\,826\,741\,854\,599\,999\,880\,941\,464\,218\,484\,198\,886\,146\,038\,542\,145\,574\,442\,811\,426\,107 \\
&\quad 753\,270\,749\,130\,959\,907\,597\,510\,047\,405\,441\,024\,000\,\alpha^6 + \\
&30\,895\,658\,444\,607\,687\,602\,508\,809\,956\,640\,695\,074\,849\,528\,458\,912\,817\,797\,484\,848\,141\,565\,085\,953 \\
&\quad 699\,186\,294\,795\,255\,376\,956\,977\,731\,002\,276\,249\,600\,\alpha^7 + \\
&59\,486\,389\,908\,530\,411\,042\,309\,331\,920\,529\,626\,868\,868\,437\,654\,516\,326\,518\,390\,817\,425\,324\,329\,537 \\
&\quad 770\,356\,651\,634\,635\,130\,986\,420\,567\,683\,996\,057\,600\,\alpha^8 + \\
&98\,845\,118\,507\,944\,139\,788\,056\,833\,916\,452\,177\,660\,504\,662\,307\,687\,771\,102\,067\,221\,107\,543\,104\,407 \\
&\quad 342\,889\,629\,336\,213\,684\,092\,908\,458\,220\,925\,747\,200\,\alpha^9 + \\
&143\,534\,001\,782\,823\,904\,885\,064\,942\,970\,608\,236\,102\,306\,130\,812\,234\,915\,683\,944\,899\,756\,788\,767\,508 \\
&\quad 067\,316\,396\,543\,876\,406\,639\,781\,327\,858\,040\,832\,000\,\alpha^{10} + \\
&183\,995\,472\,564\,082\,531\,907\,338\,280\,657\,977\,168\,356\,021\,240\,394\,363\,265\,689\,141\,141\,137\,857\,143\,670 \\
&\quad 173\,198\,181\,851\,726\,500\,731\,783\,332\,770\,506\,342\,400\,\alpha^{11} + \\
&209\,952\,451\,213\,511\,825\,931\,787\,402\,877\,507\,041\,067\,987\,129\,117\,166\,764\,667\,314\,033\,080\,135\,143\,050 \\
&\quad 888\,865\,287\,245\,098\,448\,595\,926\,437\,515\,073\,945\,600\,\alpha^{12} + \\
&214\,737\,229\,909\,490\,267\,608\,384\,589\,460\,589\,062\,080\,141\,722\,354\,738\,675\,476\,755\,192\,517\,153\,145\,245 \\
&\quad 146\,859\,494\,896\,304\,044\,144\,139\,142\,504\,539\,750\,400\,\alpha^{13} + \\
&198\,020\,283\,577\,376\,857\,777\,953\,005\,360\,796\,306\,560\,462\,642\,157\,413\,166\,894\,035\,474\,177\,398\,854\,789 \\
&\quad 704\,804\,340\,759\,523\,132\,802\,833\,700\,388\,392\,140\,800\,\alpha^{14} + \\
&165\,461\,697\,016\,310\,375\,805\,371\,916\,160\,321\,611\,629\,599\,862\,488\,321\,295\,469\,875\,990\,148\,771\,284\,206 \\
&\quad 956\,797\,867\,750\,842\,425\,874\,614\,864\,408\,320\,409\,600\,\alpha^{15} + \\
&125\,816\,057\,926\,140\,961\,148\,315\,578\,363\,950\,100\,140\,123\,362\,431\,081\,036\,130\,320\,547\,174\,137\,099\,925 \\
&\quad 266\,639\,354\,931\,660\,416\,280\,095\,205\,414\,141\,952\,000\,\alpha^{16} + \\
&87\,385\,481\,695\,258\,268\,810\,489\,654\,810\,639\,010\,057\,487\,882\,265\,926\,048\,040\,536\,019\,641\,050\,291\,048 \\
&\quad 203\,438\,506\,393\,848\,698\,659\,159\,991\,668\,388\,659\,200\,\alpha^{17} + \\
&55\,617\,299\,559\,138\,476\,235\,508\,928\,465\,707\,264\,508\,500\,737\,832\,258\,506\,261\,884\,551\,740\,283\,690\,086 \\
&\quad 380\,736\,977\,437\,912\,245\,303\,370\,194\,548\,372\,275\,200\,\alpha^{18} + \\
&32\,529\,045\,255\,552\,049\,972\,616\,038\,444\,272\,407\,039\,394\,177\,739\,321\,152\,166\,897\,153\,299\,327\,461\,795 \\
&\quad 354\,574\,590\,610\,065\,101\,947\,152\,562\,704\,823\,091\,200\,\alpha^{19} + \\
&17\,526\,392\,868\,749\,285\,632\,529\,985\,797\,509\,755\,933\,757\,460\,655\,158\,647\,444\,135\,775\,212\,365\,419\,719 \\
&\quad 644\,358\,216\,732\,214\,162\,578\,298\,111\,666\,631\,475\,200\,\alpha^{20} + \\
&8\,717\,824\,612\,530\,875\,962\,225\,873\,262\,992\,921\,066\,584\,246\,265\,262\,057\,745\,230\,733\,290\,977\,480\,544\,031 \\
&\quad 025\,594\,922\,586\,958\,879\,907\,843\,577\,741\,312\,000\,\alpha^{21} + \\
&4\,010\,829\,689\,273\,892\,286\,503\,223\,143\,016\,046\,400\,915\,439\,235\,647\,788\,952\,242\,821\,096\,153\,744\,200\,673 \\
&\quad 443\,518\,048\,557\,460\,772\,352\,950\,795\,449\,139\,200\,\alpha^{22} + \\
&1\,709\,549\,015\,078\,430\,035\,491\,528\,796\,546\,126\,321\,468\,312\,852\,312\,561\,390\,950\,242\,267\,160\,986\,987\,402 \\
&\quad 011\,335\,726\,670\,670\,276\,657\,677\,509\,381\,324\,800\,\alpha^{23} + \\
&676\,030\,046\,249\,665\,981\,883\,009\,953\,467\,798\,241\,492\,687\,636\,354\,292\,732\,225\,539\,391\,089\,879\,228\,812 \\
&\quad 004\,698\,959\,315\,521\,180\,208\,339\,670\,269\,952\,000\,\alpha^{24} + \\
&248\,323\,089\,602\,938\,738\,318\,723\,622\,179\,012\,624\,277\,821\,676\,668\,497\,531\,130\,528\,900\,270\,884\,856\,191 \\
&\quad 786\,648\,292\,637\,116\,624\,801\,927\,804\,433\,203\,200\,\alpha^{25} + \\
&84\,817\,420\,187\,767\,495\,485\,657\,873\,274\,895\,045\,494\,896\,690\,048\,507\,584\,649\,398\,671\,695\,714\,363\,802 \\
&\quad 661\,381\,256\,872\,459\,287\,119\,607\,527\,112\,704\,000\,\alpha^{26} + \\
&26\,961\,637\,047\,282\,880\,741\,605\,268\,743\,385\,354\,739\,124\,075\,638\,195\,261\,379\,005\,202\,345\,311\,254\,051 \\
&\quad 109\,353\,973\,856\,266\,608\,193\,357\,042\,889\,523\,200\,\alpha^{27} + \\
&7\,981\,926\,152\,204\,287\,860\,937\,560\,972\,831\,462\,254\,939\,406\,115\,880\,045\,661\,596\,139\,914\,001\,337\,683\,214 \\
&\quad \vdots
\end{aligned}
$$

130 827 022 828 822 469 535 972 353 638 400 α^{28} +
2 201 965 014 257 367 614 817 666 715 312 231 463 496 388 985 273 424 936 716 525 795 837 998 944 909 ÷
780 810 187 320 500 964 686 484 524 236 800 α^{29} +
566 280 883 046 844 430 989 452 282 803 387 060 834 982 981 923 607 393 194 327 715 154 116 037 443 ÷
372 145 101 542 957 652 216 240 091 955 200 α^{30} +
135 796 273 071 476 712 579 259 382 294 745 026 718 981 812 920 115 322 006 713 685 327 585 066 863 ÷
354 944 708 928 296 993 399 908 807 475 200 α^{31} +
30 369 176 678 603 873 922 169 700 639 484 430 706 586 664 050 537 780 562 186 497 403 094 270 010 ÷
478 332 203 553 876 893 337 522 064 588 800 α^{32} +
6 333 756 551 621 353 980 594 200 991 887 038 433 288 664 977 748 582 432 016 918 774 559 256 613 549 ÷
938 681 148 751 608 352 613 806 899 200 α^{33} +
1 231 701 494 959 405 133 001 511 742 385 436 195 317 825 313 698 070 112 662 210 304 935 434 719 613 ÷
553 376 185 376 105 863 098 610 483 200 α^{34} +
223 272 447 210 620 462 460 167 946 979 909 014 125 491 242 019 964 283 277 908 861 856 860 345 655 ÷
408 675 110 912 803 163 286 693 478 400 α^{35} +
37 709 885 460 459 039 481 643 193 528 137 546 124 681 780 107 933 640 217 531 497 535 879 390 162 ÷
030 453 444 252 970 080 896 496 435 200 α^{36} +
5 930 653 227 832 640 628 406 927 239 419 117 138 656 253 369 200 014 469 675 148 985 849 558 611 271 ÷
233 149 765 857 464 890 372 915 200 α^{37} +
867 844 254 795 235 660 483 737 989 880 395 358 342 395 569 870 766 000 450 821 315 058 801 880 586 ÷
530 411 510 722 719 316 862 566 400 α^{38} +
118 048 471 375 630 467 448 419 613 433 626 820 201 599 744 682 374 988 320 582 547 772 455 481 088 ÷
402 375 085 985 228 120 706 252 800 α^{39} +
14 909 453 448 933 081 856 557 349 094 592 217 206 118 576 748 843 594 472 817 056 286 964 828 196 ÷
973 281 333 557 022 625 156 300 800 α^{40} +
1 746 052 347 447 597 789 924 122 956 459 031 912 840 332 752 343 655 682 738 919 201 738 771 611 349 ÷
642 492 326 711 964 729 344 000 α^{41} +
189 302 435 359 681 579 259 109 033 611 343 544 759 120 094 390 148 739 739 150 270 726 168 350 546 ÷
171 316 800 289 455 787 212 800 α^{42} +
18 965 010 374 522 337 530 779 619 640 871 355 499 185 433 980 488 935 341 568 912 152 821 291 497 ÷
115 262 641 655 740 838 707 200 α^{43} +
1 751 911 808 571 466 517 304 909 435 044 791 489 786 162 319 523 031 642 597 300 447 899 516 707 155 ÷
739 045 377 093 926 912 000 α^{44} +
148 849 859 744 915 104 329 706 866 760 827 881 112 173 083 278 185 540 543 685 340 212 467 739 379 ÷
811 691 259 954 515 148 800 α^{45} +
11 598 518 522 270 389 329 457 977 564 858 873 007 995 245 213 763 862 021 481 171 324 892 983 224 ÷
272 065 761 338 458 112 000 α^{46} +
826 058 124 703 244 571 498 892 306 467 717 052 456 821 316 246 187 211 752 704 226 144 483 951 418 ÷
151 753 722 573 619 200 α^{47} +
53 562 934 276 079 520 609 617 807 568 458 646 969 323 818 772 883 244 736 695 077 228 400 352 768 ÷
360 050 279 317 504 000 α^{48} +
3 147 453 782 597 645 728 008 705 398 167 676 924 369 707 530 662 711 255 059 398 925 289 675 289 182 ÷
807 223 435 264 000 α^{49} +
166 696 558 700 707 682 871 739 543 641 941 192 494 356 997 544 664 027 001 846 301 656 520 260 727 ÷
952 817 048 780 800 α^{50} +
7 905 695 256 129 332 296 479 001 718 114 205 308 082 744 405 287 911 645 515 959 443 914 890 947 072 ÷
826 435 174 400 α^{51} +
333 110 439 407 341 297 304 893 875 811 649 781 658 075 614 130 368 621 500 379 766 692 881 476 725 ÷
035 866 521 600 α^{52} +
12 350 707 280 903 726 827 492 730 818 325 632 536 837 106 304 543 034 144 315 208 716 683 440 138 ÷
049 971 814 400 α^{53} +

$$
\begin{aligned}
&398\,138\,743\,224\,867\,335\,457\,760\,745\,325\,243\,685\,476\,921\,789\,792\,825\,004\,351\,397\,038\,803\,484\,680\,338 \div \\
&\quad 276\,352\,000\,\alpha^{54} + \\
&10\,988\,763\,744\,693\,884\,630\,762\,047\,538\,439\,883\,782\,453\,448\,428\,447\,370\,256\,471\,407\,550\,888\,784\,244 \div \\
&\quad 506\,624\,000\,\alpha^{55} + \\
&254\,475\,644\,481\,958\,690\,088\,002\,704\,549\,100\,151\,389\,491\,112\,444\,552\,363\,638\,000\,144\,302\,712\,506\,076 \div \\
&\quad 364\,800\,\alpha^{56} + \\
&4\,808\,973\,488\,798\,707\,512\,895\,786\,287\,192\,703\,270\,226\,559\,615\,407\,165\,314\,420\,920\,885\,469\,297\,351\,065 \div \\
&\quad 600\,\alpha^{57} + \\
&71\,218\,573\,054\,633\,067\,385\,071\,445\,648\,336\,536\,520\,448\,592\,509\,111\,406\,621\,753\,461\,182\,921\,336\,422\,400 \\
&\quad \alpha^{58} + \\
&775\,156\,919\,318\,508\,600\,808\,084\,077\,358\,868\,662\,377\,603\,290\,111\,815\,251\,845\,400\,217\,390\,153\,728\,000 \\
&\quad \alpha^{59} + \\
&5\,513\,576\,780\,701\,677\,611\,230\,293\,880\,339\,153\,306\,862\,063\,568\,366\,051\,037\,297\,975\,127\,703\,552\,000\,\alpha^{60} + \\
&19\,227\,625\,988\,291\,026\,547\,519\,154\,241\,392\,399\,421\,104\,681\,700\,178\,442\,447\,155\,877\,642\,240\,000 \\
&\quad \alpha^{61}\Big)\ \text{Seq}[\alpha] + \\
&\Big(-444\,007\,451\,557\,367\,119\,061\,707\,979\,140\,918\,900\,504\,851\,315\,875\,299\,657\,428\,430\,932\,774\,013\,089\,303 \div \\
&\quad 326\,041\,621\,865\,703\,222\,143\,877\,120\,000\,000 - \\
&\quad 7\,461\,141\,707\,722\,910\,586\,599\,463\,313\,752\,900\,316\,971\,516\,750\,230\,840\,006\,366\,731\,238\,993\,941\,141\,212 \div \\
&\quad 221\,539\,025\,980\,178\,802\,835\,193\,856\,000\,000\,\alpha - \\
&\quad 61\,233\,841\,393\,302\,593\,049\,647\,851\,301\,289\,005\,147\,093\,544\,891\,999\,645\,317\,351\,298\,311\,651\,265\,521 \div \\
&\quad 211\,544\,589\,437\,153\,164\,646\,603\,869\,388\,800\,000\,\alpha^2 - \\
&\quad 327\,203\,399\,565\,234\,170\,326\,321\,212\,117\,168\,432\,632\,719\,073\,414\,859\,072\,502\,345\,182\,776\,063\,949\,260 \div \\
&\quad 416\,460\,629\,389\,423\,094\,359\,596\,854\,149\,120\,000\,\alpha^3 - \\
&\quad 1\,280\,448\,286\,286\,528\,079\,879\,083\,331\,709\,051\,028\,528\,130\,110\,612\,608\,333\,697\,501\,873\,955\,804\,422\,271 \div \\
&\quad 899\,454\,088\,436\,239\,687\,559\,805\,373\,775\,872\,000\,\alpha^4 - \\
&\quad 3\,913\,570\,797\,387\,097\,914\,760\,114\,975\,476\,013\,656\,244\,344\,838\,870\,035\,286\,380\,695\,793\,517\,399\,780\,921 \div \\
&\quad 294\,587\,664\,157\,120\,126\,920\,127\,340\,871\,680\,000\,\alpha^5 - \\
&\quad 9\,729\,599\,787\,278\,886\,345\,772\,016\,495\,020\,288\,455\,030\,770\,777\,498\,536\,309\,534\,366\,582\,726\,291\,570\,054 \div \\
&\quad 614\,797\,046\,538\,160\,374\,151\,333\,357\,457\,244\,160\,\alpha^6 - \\
&\quad 20\,233\,509\,854\,880\,973\,820\,862\,588\,152\,065\,566\,143\,053\,219\,638\,266\,746\,622\,269\,834\,941\,177\,869\,488 \div \\
&\quad 550\,121\,949\,365\,004\,424\,269\,499\,610\,910\,376\,853\,504\,\alpha^7 - \\
&\quad 35\,921\,984\,551\,840\,653\,383\,579\,519\,443\,255\,422\,494\,976\,879\,076\,594\,897\,242\,339\,712\,315\,961\,311\,106 \div \\
&\quad 098\,350\,202\,842\,672\,543\,573\,385\,969\,756\,928\,999\,424\,\alpha^8 - \\
&\quad 55\,296\,684\,875\,878\,438\,043\,030\,045\,147\,012\,551\,956\,755\,003\,397\,045\,265\,937\,957\,601\,152\,622\,702\,090 \div \\
&\quad 419\,747\,325\,108\,655\,298\,201\,251\,478\,282\,434\,510\,848\,\alpha^9 - \\
&\quad 74\,709\,105\,637\,929\,130\,335\,399\,101\,135\,519\,661\,565\,232\,138\,927\,330\,444\,483\,950\,765\,142\,059\,030\,521 \div \\
&\quad 769\,952\,174\,106\,434\,835\,184\,249\,011\,277\,597\,245\,440\,\alpha^{10} - \\
&\quad 89\,460\,770\,061\,047\,492\,536\,362\,883\,755\,968\,212\,223\,101\,105\,015\,760\,151\,023\,454\,475\,513\,831\,812\,750 \div \\
&\quad 287\,707\,444\,394\,833\,681\,518\,512\,708\,126\,660\,100\,096\,\alpha^{11} - \\
&\quad 95\,710\,050\,159\,147\,428\,683\,075\,730\,317\,349\,074\,502\,929\,144\,601\,756\,503\,102\,299\,485\,442\,114\,052\,603 \div \\
&\quad 386\,501\,888\,931\,256\,412\,529\,313\,260\,140\,299\,812\,864\,\alpha^{12} - \\
&\quad 92\,096\,736\,352\,309\,222\,221\,556\,829\,477\,777\,794\,783\,279\,912\,799\,567\,213\,159\,563\,439\,637\,601\,973\,128 \div \\
&\quad 557\,371\,841\,394\,179\,858\,650\,971\,083\,094\,597\,042\,176\,\alpha^{13} - \\
&\quad 80\,155\,202\,117\,165\,164\,076\,977\,863\,453\,268\,885\,638\,792\,766\,259\,479\,803\,135\,785\,715\,041\,278\,485\,454 \div \\
&\quad 897\,238\,416\,687\,851\,035\,400\,142\,344\,803\,510\,648\,832\,\alpha^{14} - \\
&\quad 63\,400\,779\,353\,918\,008\,499\,909\,269\,194\,439\,612\,691\,213\,152\,678\,343\,362\,084\,694\,752\,567\,579\,719\,648 \div \\
&\quad 211\,005\,987\,825\,848\,479\,566\,828\,234\,194\,659\,835\,904\,\alpha^{15} - \\
&\quad 45\,762\,703\,750\,512\,835\,145\,792\,199\,032\,917\,653\,120\,315\,128\,578\,467\,458\,050\,027\,835\,864\,015\,129\,947 \div \\
&\quad 391\,460\,290\,786\,787\,835\,679\,819\,260\,747\,327\,733\,760\,\alpha^{16} - \\
&\quad 30\,249\,458\,424\,917\,643\,549\,767\,995\,040\,072\,898\,320\,154\,276\,999\,545\,111\,010\,648\,619\,308\,609\,987\,118 \div \\
&\quad 932\,664\,595\,962\,563\,306\,874\,085\,350\,718\,715\,199\,488\,\alpha^{17} -
\end{aligned}
$$

$$18\,367\,185\,217\,732\,262\,318\,748\,112\,670\,253\,198\,406\,579\,918\,372\,207\,599\,585\,821\,139\,857\,745\,330\,148 \cdot \\ 252\,807\,095\,371\,075\,595\,816\,664\,696\,972\,218\,728\,448\,\alpha^{18} -$$
$$10\,271\,725\,572\,584\,898\,571\,509\,131\,398\,230\,935\,249\,518\,163\,799\,115\,368\,468\,732\,361\,468\,582\,196\,414 \cdot \\ 894\,626\,801\,718\,475\,483\,820\,775\,550\,654\,735\,187\,968\,\alpha^{19} -$$
$$5\,303\,073\,275\,807\,861\,828\,784\,298\,316\,397\,105\,205\,370\,468\,057\,323\,106\,753\,610\,922\,694\,626\,604\,883\,277 \cdot \\ 106\,659\,345\,396\,439\,723\,048\,808\,064\,323\,944\,448\,\alpha^{20} -$$
$$2\,532\,638\,453\,231\,973\,626\,980\,414\,089\,679\,791\,973\,653\,862\,983\,384\,937\,403\,353\,947\,628\,500\,840\,885\,538 \cdot \\ 391\,946\,648\,575\,849\,023\,729\,931\,368\,173\,404\,160\,\alpha^{21} -$$
$$1\,120\,840\,839\,658\,603\,255\,537\,962\,342\,237\,177\,889\,451\,609\,701\,827\,782\,635\,802\,871\,786\,789\,780\,414\,961 \cdot \\ 487\,639\,571\,520\,016\,191\,826\,040\,288\,033\,374\,208\,\alpha^{22} -$$
$$460\,364\,894\,031\,210\,179\,614\,209\,837\,917\,031\,473\,112\,157\,916\,295\,189\,397\,511\,027\,118\,256\,675\,398\,829 \cdot \\ 438\,097\,693\,557\,685\,000\,097\,488\,154\,333\,806\,592\,\alpha^{23} -$$
$$175\,719\,089\,281\,207\,667\,890\,239\,063\,420\,907\,330\,642\,137\,532\,842\,306\,005\,054\,153\,097\,397\,602\,379\,467 \cdot \\ 165\,827\,976\,436\,072\,656\,901\,076\,386\,263\,859\,200\,\alpha^{24} -$$
$$62\,399\,642\,007\,874\,151\,998\,140\,951\,299\,870\,911\,657\,525\,737\,689\,247\,665\,092\,169\,862\,428\,118\,780\,770 \cdot \\ 389\,342\,647\,997\,789\,476\,804\,387\,828\,072\,972\,288\,\alpha^{25} -$$
$$20\,634\,937\,293\,664\,944\,446\,994\,771\,035\,065\,695\,460\,575\,565\,785\,542\,405\,007\,957\,406\,729\,719\,577\,047 \cdot \\ 254\,953\,215\,755\,412\,970\,890\,258\,590\,057\,103\,360\,\alpha^{26} -$$
$$6\,359\,493\,087\,965\,348\,962\,786\,705\,138\,336\,993\,292\,522\,391\,174\,200\,669\,111\,125\,362\,677\,259\,113\,438\,411 \cdot \\ 955\,549\,197\,365\,717\,872\,009\,961\,399\,123\,968\,\alpha^{27} -$$
$$1\,827\,736\,595\,687\,070\,661\,232\,430\,483\,092\,718\,042\,660\,722\,783\,026\,653\,306\,733\,352\,671\,345\,324\,344\,477 \cdot \\ 253\,868\,301\,370\,002\,604\,901\,891\,536\,060\,416\,\alpha^{28} -$$
$$490\,101\,715\,174\,743\,550\,113\,092\,608\,677\,801\,566\,062\,822\,995\,835\,645\,533\,913\,642\,732\,555\,499\,748\,693 \cdot \\ 777\,673\,043\,768\,727\,006\,634\,305\,254\,326\,272\,\alpha^{29} -$$
$$122\,655\,965\,195\,598\,836\,713\,327\,765\,382\,539\,701\,592\,883\,012\,499\,861\,711\,676\,001\,427\,170\,627\,934\,775 \cdot \\ 471\,203\,218\,464\,544\,276\,913\,996\,177\,604\,608\,\alpha^{30} -$$
$$28\,655\,591\,836\,622\,898\,956\,054\,156\,904\,844\,647\,720\,507\,244\,709\,052\,513\,113\,004\,596\,699\,725\,552\,127 \cdot \\ 682\,372\,279\,404\,718\,317\,694\,389\,109\,915\,648\,\alpha^{31} -$$
$$6\,249\,965\,215\,213\,670\,301\,074\,330\,968\,496\,256\,033\,402\,256\,820\,103\,083\,784\,198\,326\,846\,962\,291\,497\,181 \cdot \\ 575\,987\,437\,972\,892\,980\,365\,787\,922\,432\,\alpha^{32} -$$
$$1\,272\,516\,505\,242\,579\,719\,656\,476\,110\,236\,037\,272\,667\,943\,494\,049\,102\,471\,139\,770\,070\,436\,631\,711\,777 \cdot \\ 992\,067\,896\,521\,970\,660\,335\,826\,239\,488\,\alpha^{33} -$$
$$241\,811\,565\,192\,586\,141\,205\,928\,228\,856\,571\,146\,727\,187\,029\,083\,658\,265\,609\,220\,073\,557\,673\,226\,595 \cdot \\ 198\,815\,749\,688\,320\,813\,080\,560\,795\,648\,\alpha^{34} -$$
$$42\,871\,371\,648\,190\,691\,927\,835\,079\,645\,967\,642\,811\,449\,589\,783\,532\,447\,476\,233\,162\,476\,626\,569\,392 \cdot \\ 547\,869\,095\,868\,161\,015\,350\,040\,723\,456\,\alpha^{35} -$$
$$7\,087\,932\,002\,106\,463\,812\,811\,767\,794\,028\,394\,665\,565\,629\,454\,006\,377\,572\,959\,056\,134\,261\,847\,138\,415 \cdot \\ 512\,239\,700\,575\,698\,090\,048\,094\,208\,\alpha^{36} -$$
$$1\,092\,073\,607\,844\,640\,505\,983\,880\,047\,643\,762\,288\,600\,240\,444\,103\,954\,093\,674\,151\,741\,072\,016\,186\,579 \cdot \\ 785\,931\,523\,109\,480\,719\,940\,845\,568\,\alpha^{37} -$$
$$156\,679\,378\,139\,111\,848\,900\,888\,437\,223\,707\,576\,858\,145\,331\,664\,471\,494\,820\,128\,821\,027\,027\,850\,705 \cdot \\ 958\,242\,233\,721\,749\,593\,019\,908\,096\,\alpha^{38} -$$
$$20\,910\,786\,903\,727\,139\,608\,646\,725\,694\,087\,093\,664\,055\,012\,768\,772\,098\,562\,290\,976\,862\,094\,553\,137 \cdot \\ 744\,920\,302\,764\,909\,572\,749\,524\,992\,\alpha^{39} -$$
$$2\,593\,078\,327\,150\,553\,385\,947\,461\,346\,509\,727\,010\,742\,920\,276\,472\,533\,167\,706\,267\,846\,040\,032\,182\,605 \cdot \\ 005\,359\,142\,689\,226\,664\,968\,192\,\alpha^{40} -$$
$$298\,362\,720\,660\,087\,907\,281\,676\,316\,756\,415\,322\,991\,777\,900\,567\,668\,642\,051\,231\,152\,869\,467\,703\,725 \cdot \\ 630\,727\,764\,424\,871\,987\,118\,080\,\alpha^{41} -$$
$$31\,801\,876\,577\,498\,134\,794\,669\,753\,732\,607\,822\,930\,563\,106\,422\,545\,433\,118\,451\,400\,448\,035\,046\,231 \cdot \\ 479\,010\,679\,556\,851\,758\,006\,272\,\alpha^{42} -$$
$$3\,134\,165\,295\,866\,010\,884\,865\,356\,246\,162\,917\,684\,057\,265\,810\,572\,387\,185\,754\,241\,580\,003\,209\,016\,255 \cdot$$

775 376 360 619 468 914 688 α^{43} −
284 973 333 241 815 966 123 026 753 781 515 960 553 923 611 666 294 480 177 724 713 805 533 994 176 ∴ 030 498 163 678 521 589 760 α^{44} −
23 845 314 195 383 835 710 104 240 837 821 495 502 564 087 878 479 013 714 434 694 231 931 298 491 ∴ 885 591 333 517 333 102 592 α^{45} −
1 830 831 789 251 181 158 718 129 890 015 649 957 210 095 422 785 346 295 061 005 098 744 670 845 282 ∴ 636 390 585 576 980 480 α^{46} −
128 548 288 166 627 515 157 150 691 070 786 422 832 223 653 236 770 879 391 634 300 040 228 700 211 ∴ 506 993 065 002 795 008 α^{47} −
8 221 264 663 116 852 600 225 762 452 433 842 083 051 143 792 288 114 540 120 498 486 155 656 285 700 ∴ 800 479 661 916 160 α^{48} −
476 707 398 910 867 475 359 113 036 485 879 249 849 170 890 065 452 095 187 926 345 226 206 025 685 ∴ 282 498 543 616 000 α^{49} −
24 924 615 694 720 381 278 954 853 507 298 921 485 033 440 977 555 590 079 092 870 172 423 011 048 ∴ 883 236 185 833 472 α^{50} −
1 167 438 665 375 207 823 471 497 511 285 160 627 611 290 747 157 220 763 357 623 655 059 077 615 355 ∴ 338 619 355 136 α^{51} −
48 601 483 257 614 292 586 948 875 891 741 412 359 519 803 032 491 994 463 021 170 765 060 493 165 ∴ 740 576 210 944 α^{52} −
1 781 099 358 033 943 477 118 773 621 752 231 255 421 917 776 768 005 992 472 255 864 548 608 530 986 ∴ 194 436 096 α^{53} −
56 771 005 977 928 920 250 625 966 050 695 198 734 618 623 781 120 603 440 191 263 541 864 428 692 ∴ 737 884 160 α^{54} −
1 549 854 738 630 230 517 176 353 614 629 755 577 999 609 354 223 136 944 403 028 541 426 048 931 536 ∴ 568 320 α^{55} −
35 512 912 854 192 550 139 392 214 780 998 647 980 523 358 848 852 516 277 450 159 437 447 409 289 ∴ 920 512 α^{56} −
664 251 143 616 954 638 552 154 006 883 226 995 361 223 775 541 421 265 425 703 743 775 929 054 265 344 α^{57} −
9 739 784 065 116 151 324 288 440 789 506 137 624 514 411 172 094 631 483 629 872 725 932 759 842 816 α^{58} −
104 991 155 337 315 957 539 874 105 694 740 036 909 407 349 799 765 209 227 043 528 455 718 174 720 α^{59} − 739 825 527 697 819 673 248 684 220 037 706 411 539 082 308 619 790 142 701 815 086 113 095 680 α^{60} − 2 556 673 393 130 572 436 240 437 540 535 145 610 525 013 144 820 602 269 145 258 105 241 600 α^{61}) Seq[1 + α] +
(44 103 005 721 532 581 383 898 657 727 884 122 011 472 655 872 761 934 381 770 939 087 807 894 991 129 ∴ 156 647 528 797 312 198 377 472 000 000 +
718 095 127 295 627 428 379 999 394 035 515 573 503 067 486 701 564 858 778 696 918 240 853 639 675 ∴ 092 551 463 253 153 563 636 295 270 400 000 α +
5 707 256 567 219 835 113 210 358 172 040 088 598 968 857 540 616 640 212 702 572 910 100 416 798 462 ∴ 939 023 127 132 162 820 940 224 266 240 000 α^2 +
29 522 274 141 312 185 435 424 930 592 309 321 035 885 762 524 083 343 294 034 665 980 913 508 474 ∴ 378 245 775 877 615 103 550 812 271 411 200 000 α^3 +
111 813 071 922 796 041 730 987 212 450 887 478 814 909 776 612 609 337 727 367 273 040 979 255 293 ∴ 215 788 736 995 141 752 933 049 629 985 996 800 α^4 +
330 720 312 818 039 491 902 981 532 110 048 086 121 346 502 164 179 235 324 464 932 438 564 628 766 ∴ 179 752 610 372 114 077 118 194 376 465 448 960 α^5 +
795 694 900 854 710 364 103 502 633 376 454 784 547 866 086 487 445 133 534 510 078 362 427 602 174 ∴ 039 289 612 744 595 725 339 994 867 049 168 896 α^6 +
1 601 529 038 070 053 696 252 991 283 416 884 231 095 976 283 291 541 313 685 427 948 178 234 242 531 ∴ 233 998 234 584 861 410 330 390 141 572 481 024 α^7 +

$$2\,752\,449\,145\,574\,359\,450\,059\,118\,998\,003\,368\,872\,327\,626\,541\,504\,069\,513\,939\,896\,611\,840\,164\,407\,836 \div 302\,867\,274\,726\,029\,208\,110\,256\,329\,341\,272\,064\,\alpha^{8} +$$
$$4\,102\,674\,022\,998\,110\,601\,686\,379\,893\,597\,281\,846\,352\,311\,760\,428\,218\,279\,324\,836\,511\,822\,776\,068\,801 \div 077\,674\,904\,660\,308\,908\,428\,390\,838\,281\,699\,328\,\alpha^{9} +$$
$$5\,368\,952\,647\,133\,213\,050\,919\,057\,040\,909\,553\,724\,785\,668\,296\,759\,229\,624\,939\,204\,798\,756\,365\,122\,862 \div 030\,113\,958\,231\,967\,735\,209\,112\,207\,034\,941\,440\,\alpha^{10} +$$
$$6\,229\,564\,418\,466\,926\,984\,020\,350\,442\,817\,659\,109\,545\,043\,114\,713\,728\,704\,844\,678\,390\,116\,726\,688\,644 \div 971\,197\,189\,577\,590\,872\,526\,029\,501\,153\,411\,072\,\alpha^{11} +$$
$$6\,460\,568\,918\,993\,897\,046\,540\,650\,004\,768\,891\,116\,257\,216\,721\,179\,777\,737\,537\,660\,332\,781\,885\,571\,901 \div 068\,654\,369\,599\,415\,754\,362\,166\,955\,955\,191\,808\,\alpha^{12} +$$
$$6\,028\,927\,213\,702\,908\,967\,476\,342\,916\,734\,359\,807\,160\,239\,524\,090\,773\,845\,953\,755\,122\,784\,235\,727\,352 \div 882\,536\,166\,935\,202\,176\,493\,579\,801\,118\,900\,224\,\alpha^{13} +$$
$$5\,091\,164\,295\,753\,170\,623\,256\,392\,470\,257\,850\,837\,149\,359\,240\,606\,452\,042\,613\,535\,264\,802\,218\,423\,639 \div 331\,795\,278\,974\,546\,560\,643\,807\,771\,266\,908\,160\,\alpha^{14} +$$
$$3\,909\,191\,089\,271\,972\,952\,060\,125\,255\,826\,916\,514\,294\,608\,600\,476\,275\,353\,720\,050\,674\,907\,497\,517\,465 \div 676\,033\,921\,987\,879\,930\,394\,796\,593\,000\,742\,912\,\alpha^{15} +$$
$$2\,740\,541\,884\,147\,537\,812\,925\,081\,048\,704\,342\,246\,267\,748\,999\,844\,063\,567\,720\,678\,695\,894\,990\,946\,203 \div 881\,662\,187\,962\,562\,151\,630\,524\,338\,436\,833\,280\,\alpha^{16} +$$
$$1\,760\,381\,769\,590\,330\,889\,168\,160\,356\,238\,093\,224\,939\,520\,380\,993\,259\,393\,148\,124\,515\,400\,092\,792\,340 \div 916\,555\,427\,935\,724\,118\,365\,676\,146\,188\,615\,680\,\alpha^{17} +$$
$$1\,039\,281\,696\,473\,151\,569\,825\,761\,129\,545\,790\,587\,794\,988\,659\,100\,533\,583\,894\,434\,309\,991\,659\,114\,334 \div 829\,376\,976\,716\,266\,170\,899\,870\,444\,182\,044\,672\,\alpha^{18} +$$
$$565\,426\,218\,990\,830\,122\,899\,337\,045\,951\,870\,685\,188\,939\,107\,848\,589\,830\,603\,647\,715\,539\,560\,800\,815 \div 705\,319\,265\,567\,750\,315\,937\,665\,609\,162\,031\,104\,\alpha^{19} +$$
$$284\,148\,123\,392\,757\,161\,395\,058\,331\,755\,084\,928\,185\,502\,581\,722\,323\,398\,885\,566\,849\,750\,813\,141\,594 \div 265\,685\,645\,062\,047\,049\,614\,338\,070\,237\,151\,232\,\alpha^{20} +$$
$$132\,165\,780\,104\,569\,077\,404\,462\,926\,792\,047\,888\,629\,563\,001\,289\,698\,777\,440\,769\,538\,234\,095\,712\,590 \div 958\,539\,580\,979\,009\,107\,019\,608\,583\,575\,699\,456\,\alpha^{21} +$$
$$56\,998\,420\,284\,813\,053\,060\,560\,739\,144\,534\,352\,496\,604\,176\,528\,382\,789\,816\,735\,361\,910\,854\,204\,111 \div 623\,914\,797\,959\,726\,221\,477\,146\,918\,886\,834\,176\,\alpha^{22} +$$
$$22\,826\,432\,758\,156\,274\,659\,395\,932\,243\,824\,400\,105\,478\,443\,849\,080\,693\,314\,949\,835\,708\,524\,516\,233 \div 223\,216\,909\,155\,887\,780\,210\,582\,553\,008\,013\,312\,\alpha^{23} +$$
$$8\,499\,914\,400\,475\,782\,236\,340\,069\,490\,565\,019\,065\,333\,670\,037\,827\,392\,464\,517\,552\,526\,836\,316\,697\,023 \div 755\,957\,927\,177\,232\,371\,944\,886\,598\,893\,568\,\alpha^{24} +$$
$$2\,946\,310\,434\,573\,878\,770\,895\,281\,790\,490\,292\,103\,639\,964\,689\,323\,163\,061\,228\,416\,879\,366\,091\,377\,600 \div 343\,936\,967\,417\,122\,264\,347\,246\,025\,768\,960\,\alpha^{25} +$$
$$951\,566\,467\,811\,003\,307\,100\,389\,069\,951\,376\,729\,550\,636\,930\,579\,993\,906\,793\,957\,339\,757\,765\,644\,536 \div 091\,346\,652\,340\,166\,144\,943\,366\,967\,656\,448\,\alpha^{26} +$$
$$286\,572\,235\,363\,141\,642\,094\,464\,315\,945\,916\,128\,281\,025\,963\,630\,992\,953\,194\,776\,036\,658\,169\,238\,672 \div 180\,775\,607\,166\,246\,368\,959\,709\,734\,502\,400\,\alpha^{27} +$$
$$80\,525\,575\,043\,780\,756\,838\,152\,938\,660\,894\,541\,198\,322\,629\,266\,729\,711\,751\,087\,934\,083\,153\,552\,557 \div 104\,817\,510\,474\,589\,613\,425\,880\,188\,583\,936\,\alpha^{28} +$$
$$21\,122\,467\,028\,662\,556\,612\,673\,020\,089\,106\,799\,286\,253\,860\,364\,192\,384\,343\,329\,399\,258\,483\,407\,853 \div 339\,418\,963\,022\,677\,865\,129\,940\,965\,392\,384\,\alpha^{29} +$$
$$5\,173\,818\,483\,702\,441\,482\,002\,985\,354\,128\,394\,551\,306\,359\,678\,818\,947\,937\,208\,664\,811\,342\,047\,215\,857 \div 443\,775\,679\,027\,671\,683\,878\,428\,344\,320\,\alpha^{30} +$$
$$1\,183\,635\,556\,454\,686\,498\,567\,903\,539\,632\,534\,802\,289\,580\,961\,353\,447\,953\,677\,447\,846\,559\,496\,326\,622 \div 398\,390\,896\,711\,337\,954\,034\,810\,093\,568\,\alpha^{31} +$$
$$252\,924\,130\,719\,316\,700\,446\,320\,873\,195\,962\,986\,681\,118\,922\,244\,259\,800\,735\,673\,023\,864\,848\,769\,238 \div 776\,220\,990\,662\,758\,603\,181\,799\,768\,064\,\alpha^{32} +$$
$$50\,477\,037\,428\,134\,883\,146\,395\,653\,119\,886\,702\,233\,009\,167\,977\,110\,073\,524\,271\,174\,636\,007\,189\,372 \div$$

766 465 321 732 821 406 768 397 549 568 α^{33} +
9 406 643 030 641 988 208 004 955 933 871 469 373 821 134 307 317 177 702 121 027 868 677 853 093 610 ÷
743 046 420 864 215 216 151 330 816 α^{34} +
1 636 278 102 090 976 717 708 234 045 543 008 557 428 545 668 983 421 152 542 296 480 866 024 805 935 ÷
127 565 226 671 274 596 709 171 200 α^{35} +
265 547 330 028 500 334 078 028 151 976 627 081 523 167 901 551 240 311 881 924 978 471 968 554 918 ÷
451 693 285 785 467 063 313 104 896 α^{36} +
40 179 356 042 132 400 758 952 439 773 353 580 018 694 340 974 730 877 279 882 544 628 908 325 566 ÷
403 987 407 480 918 306 788 999 168 α^{37} +
5 663 475 775 810 981 210 061 389 775 100 810 996 654 062 860 594 464 340 684 820 228 998 210 918 236 ÷
136 197 535 314 575 018 164 224 α^{38} +
742 931 364 732 712 840 831 128 593 166 436 949 665 067 365 252 078 879 033 482 259 856 499 455 885 ÷
720 896 711 210 005 373 648 896 α^{39} +
90 590 679 250 011 055 481 111 081 475 149 089 707 848 637 597 195 243 767 656 834 214 536 102 012 ÷
006 437 644 092 082 139 168 768 α^{40} +
10 253 685 140 983 332 827 807 036 286 679 260 010 351 398 580 379 250 664 036 425 873 062 434 750 ÷
185 408 142 293 137 740 529 664 α^{41} +
1 075 546 619 396 786 027 023 556 563 149 118 785 138 770 285 522 161 992 385 269 356 245 163 881 318 ÷
748 747 533 020 555 116 544 α^{42} +
104 353 881 163 079 804 993 517 716 560 613 090 678 793 323 244 516 768 969 955 514 000 038 965 029 ÷
740 274 604 367 285 321 728 α^{43} +
9 344 712 795 062 169 482 814 281 131 415 623 064 252 282 328 459 979 126 027 586 074 455 675 615 545 ÷
922 958 735 548 874 752 α^{44} +
770 371 758 576 686 133 088 466 822 238 934 355 896 655 686 603 946 386 420 217 452 283 261 588 742 ÷
316 825 241 368 657 920 α^{45} +
58 295 852 728 943 958 742 357 925 112 862 203 153 073 899 536 570 625 665 720 139 640 271 168 981 ÷
786 175 566 927 364 096 α^{46} +
4 035 521 282 780 902 418 498 223 835 802 369 536 319 967 415 862 161 136 217 338 323 565 625 392 751 ÷
148 701 346 430 976 α^{47} +
254 544 828 871 350 727 050 673 953 611 530 282 242 556 142 348 058 285 244 984 156 777 398 174 556 ÷
166 151 701 790 720 α^{48} +
14 561 766 439 302 587 574 805 828 603 316 667 269 910 055 939 545 147 470 861 924 289 245 742 503 ÷
970 970 269 646 848 α^{49} +
751 393 609 770 879 765 049 807 748 168 574 388 253 262 943 996 963 768 315 640 440 924 761 956 874 ÷
898 007 654 400 α^{50} +
34 744 535 405 325 010 211 163 784 272 874 360 455 894 723 818 775 960 059 144 976 586 465 513 722 ÷
173 372 497 920 α^{51} +
1 428 394 670 535 628 281 950 178 140 099 693 662 601 557 504 579 234 129 928 614 814 425 605 991 976 ÷
033 845 248 α^{52} +
51 708 548 868 671 308 901 500 177 095 058 475 808 378 133 841 073 077 014 012 870 126 619 312 334 ÷
871 461 888 α^{53} +
1 628 553 475 822 327 692 601 375 027 729 770 470 259 287 632 187 931 316 347 204 759 335 788 862 351 ÷
867 904 α^{54} +
43 943 025 830 478 182 014 702 980 347 073 369 871 046 100 663 051 824 550 401 926 561 453 326 527 ÷
889 408 α^{55} +
995 469 019 236 154 334 579 482 157 235 038 876 354 801 477 156 631 217 041 592 387 316 018 728 402 944
α^{56} +
18 413 314 382 270 398 116 998 116 230 191 952 293 143 787 298 782 450 220 875 165 878 136 762 007 552
α^{57} +
267 066 704 462 102 403 815 435 767 600 977 495 480 964 253 375 425 755 179 613 365 245 946 363 904
α^{58} +

$$
\begin{aligned}
&2\,848\,415\,779\,755\,687\,178\,565\,113\,709\,656\,458\,927\,505\,377\,076\,109\,818\,092\,695\,438\,123\,052\,564\,480\,\alpha^{59} + \\
&19\,864\,001\,365\,732\,857\,008\,345\,383\,508\,592\,806\,778\,860\,870\,581\,751\,225\,417\,760\,147\,159\,121\,920\,\alpha^{60} + \\
&67\,952\,124\,864\,930\,491\,007\,551\,747\,342\,665\,002\,897\,980\,580\,575\,230\,851\,061\,794\,629\,222\,400 \\
&\alpha^{61}\Big)\,\mathrm{Seq}[2+\alpha] + \\
\Big(&-1\,232\,907\,731\,052\,425\,454\,001\,575\,750\,940\,081\,900\,225\,377\,060\,932\,608\,959\,246\,720\,726\,661\,934\,908\,437 \\
&315\,212\,538\,269\,901\,129\,567\,436\,800\,000 - \\
&19\,803\,289\,137\,939\,402\,862\,676\,024\,797\,010\,887\,957\,382\,501\,288\,585\,078\,465\,721\,885\,664\,569\,683\,451 \\
&489\,270\,509\,345\,548\,499\,819\,692\,032\,000\,000\,\alpha - \\
&155\,077\,617\,018\,984\,277\,511\,950\,355\,411\,774\,657\,933\,947\,001\,835\,821\,104\,889\,864\,437\,909\,568\,912\,008 \\
&939\,484\,279\,538\,087\,263\,248\,679\,174\,144\,000\,\alpha^2 - \\
&789\,582\,597\,417\,524\,457\,181\,778\,662\,529\,957\,949\,787\,855\,305\,419\,311\,786\,641\,070\,364\,665\,801\,771\,535 \\
&232\,582\,171\,734\,528\,227\,514\,641\,704\,550\,400\,\alpha^3 - \\
&2\,941\,020\,528\,627\,363\,328\,987\,848\,829\,106\,226\,718\,397\,916\,848\,290\,186\,155\,050\,721\,943\,959\,885\,236\,616 \\
&974\,109\,550\,122\,273\,051\,494\,820\,305\,960\,960\,\alpha^4 - \\
&8\,549\,023\,133\,216\,721\,076\,040\,899\,312\,876\,529\,797\,466\,260\,252\,296\,150\,031\,227\,474\,482\,974\,144\,928\,062 \\
&535\,708\,851\,516\,421\,596\,286\,455\,879\,041\,024\,\alpha^5 - \\
&20\,202\,098\,015\,473\,756\,977\,598\,601\,511\,988\,654\,336\,708\,398\,342\,942\,467\,514\,134\,915\,072\,290\,088\,452 \\
&970\,745\,219\,885\,865\,847\,756\,528\,692\,796\,325\,888\,\alpha^6 - \\
&39\,917\,881\,127\,707\,217\,761\,645\,796\,716\,824\,692\,778\,645\,135\,357\,586\,999\,409\,096\,156\,501\,477\,154\,087 \\
&332\,041\,146\,001\,203\,087\,620\,183\,279\,045\,443\,584\,\alpha^7 - \\
&67\,322\,702\,077\,394\,454\,271\,511\,634\,696\,840\,016\,898\,293\,820\,812\,966\,231\,400\,278\,483\,165\,979\,528\,306 \\
&349\,508\,505\,309\,487\,753\,755\,185\,109\,266\,333\,696\,\alpha^8 - \\
&98\,441\,661\,550\,533\,180\,188\,834\,578\,381\,107\,251\,441\,700\,384\,506\,162\,622\,146\,654\,940\,942\,953\,932\,719 \\
&954\,197\,845\,537\,391\,249\,461\,899\,617\,690\,976\,256\,\alpha^9 - \\
&126\,345\,684\,267\,172\,283\,993\,300\,634\,333\,107\,519\,378\,118\,175\,054\,573\,118\,880\,208\,601\,612\,521\,088\,557 \\
&623\,016\,386\,805\,382\,490\,698\,277\,372\,068\,626\,432\,\alpha^{10} - \\
&143\,748\,133\,612\,805\,676\,169\,605\,214\,712\,401\,576\,490\,597\,329\,815\,874\,898\,333\,951\,787\,272\,329\,089\,927 \\
&368\,630\,079\,034\,654\,112\,532\,182\,821\,238\,734\,848\,\alpha^{11} - \\
&146\,159\,247\,293\,911\,005\,307\,164\,747\,082\,936\,108\,293\,641\,218\,336\,923\,126\,386\,660\,482\,629\,632\,295\,754 \\
&861\,746\,001\,321\,031\,561\,338\,872\,570\,914\,537\,472\,\alpha^{12} - \\
&133\,709\,972\,498\,854\,899\,045\,171\,274\,997\,695\,474\,557\,170\,220\,065\,700\,315\,797\,660\,677\,857\,614\,627\,887 \\
&664\,792\,541\,449\,819\,197\,741\,052\,587\,992\,416\,256\,\alpha^{13} - \\
&110\,683\,780\,161\,682\,188\,871\,833\,788\,257\,280\,533\,016\,099\,963\,570\,106\,356\,980\,556\,640\,335\,544\,315\,322 \\
&995\,667\,209\,639\,101\,080\,181\,166\,586\,384\,613\,376\,\alpha^{14} - \\
&83\,308\,145\,617\,893\,518\,569\,353\,135\,185\,457\,548\,136\,956\,062\,462\,206\,915\,283\,489\,401\,693\,821\,102\,911 \\
&917\,331\,155\,590\,894\,547\,081\,815\,852\,656\,361\,472\,\alpha^{15} - \\
&57\,249\,970\,228\,481\,319\,410\,171\,953\,643\,031\,562\,472\,302\,931\,806\,646\,345\,991\,111\,477\,732\,535\,510\,451 \\
&569\,540\,690\,180\,768\,303\,101\,672\,583\,663\,190\,016\,\alpha^{16} - \\
&36\,049\,641\,313\,060\,962\,881\,467\,994\,343\,181\,812\,151\,352\,261\,227\,335\,390\,439\,925\,581\,059\,671\,605\,552 \\
&184\,149\,105\,633\,337\,555\,365\,389\,111\,580\,950\,528\,\alpha^{17} - \\
&20\,864\,632\,707\,507\,358\,057\,664\,592\,766\,877\,685\,536\,535\,778\,364\,316\,848\,234\,679\,235\,053\,679\,472\,957 \\
&949\,528\,627\,476\,052\,733\,372\,387\,743\,636\,652\,032\,\alpha^{18} - \\
&11\,129\,478\,348\,433\,771\,831\,049\,196\,756\,089\,498\,247\,648\,473\,594\,641\,989\,966\,875\,668\,514\,322\,051\,511 \\
&323\,254\,272\,719\,394\,709\,164\,405\,509\,599\,526\,912\,\alpha^{19} - \\
&5\,484\,182\,670\,661\,953\,158\,093\,480\,448\,413\,010\,293\,025\,189\,781\,062\,634\,611\,955\,360\,504\,597\,265\,836\,434 \\
&421\,885\,580\,193\,633\,434\,570\,710\,667\,231\,232\,\alpha^{20} - \\
&2\,501\,549\,612\,100\,408\,250\,430\,134\,598\,268\,590\,635\,807\,277\,440\,262\,846\,829\,183\,070\,814\,521\,109\,895\,127 \\
&413\,441\,721\,233\,005\,918\,112\,059\,498\,692\,608\,\alpha^{21} - \\
&1\,058\,126\,565\,020\,663\,888\,792\,475\,205\,390\,273\,185\,201\,195\,721\,365\,940\,992\,263\,524\,057\,983\,449\,009\,627 \\
&479\,615\,190\,569\,069\,525\,409\,844\,827\,258\,880\,\alpha^{22} - \\
&415\,686\,088\,397\,032\,695\,416\,035\,771\,495\,224\,234\,195\,091\,055\,688\,284\,564\,635\,803\,637\,617\,088\,742\,269 \\
&\vdots
\end{aligned}
$$

548 195 813 378 792 805 040 932 131 962 880 α^{23} −
151 868 636 541 511 399 575 016 106 249 713 789 261 748 195 954 396 645 704 052 430 743 451 116 852 ·
817 060 242 710 306 243 454 610 482 135 040 α^{24} −
51 657 866 035 794 725 483 175 044 743 602 290 273 949 203 296 509 373 566 262 278 539 165 191 415 ·
131 174 120 136 121 103 420 350 208 671 744 α^{25} −
16 375 105 283 593 364 436 239 558 353 430 650 465 294 769 470 043 746 807 655 307 709 283 664 589 ·
260 031 769 714 793 478 691 249 977 294 848 α^{26} −
4 841 193 482 681 295 366 489 585 757 645 817 415 743 385 669 233 844 047 966 943 831 250 381 193 491 ·
345 544 109 263 089 060 981 776 580 608 α^{27} −
1 335 719 062 226 579 759 435 175 283 061 717 189 911 252 642 920 179 922 369 695 516 890 950 499 991 ·
805 379 117 364 853 738 139 828 617 216 α^{28} −
344 097 334 893 617 106 067 605 050 318 273 849 074 637 514 442 833 973 602 147 622 349 117 848 797 ·
476 792 356 327 507 652 390 695 206 912 α^{29} −
82 793 847 154 095 388 427 847 903 048 035 959 442 233 755 005 252 675 323 452 383 692 170 774 282 ·
215 550 976 667 483 298 122 201 825 280 α^{30} −
18 610 239 066 692 984 897 843 954 349 065 972 545 999 613 185 289 509 883 772 775 252 874 653 246 ·
644 546 722 554 189 222 263 379 722 240 α^{31} −
3 908 137 682 166 481 508 688 766 703 713 090 199 216 147 581 364 061 137 803 022 087 002 783 376 003 ·
229 453 218 756 469 861 579 227 136 α^{32} −
766 688 664 961 514 757 146 788 914 562 726 283 712 781 153 159 761 767 138 906 077 348 669 481 199 ·
273 730 234 298 880 550 206 701 568 α^{33} −
140 477 414 484 452 860 134 505 103 855 211 765 622 864 107 165 857 257 056 504 643 195 214 387 197 ·
065 936 942 753 169 970 112 233 472 α^{34} −
24 031 314 414 792 654 088 459 346 582 364 447 248 396 980 308 719 472 298 287 043 601 571 440 236 ·
986 690 740 249 549 548 994 691 072 α^{35} −
3 836 307 673 756 178 391 326 612 199 692 478 439 735 540 134 844 274 680 201 725 838 617 295 127 596 ·
208 951 447 848 113 886 199 808 α^{36} −
571 121 436 636 016 556 528 886 407 080 699 471 023 795 895 314 045 059 398 797 711 683 933 927 843 ·
475 427 883 867 492 623 319 040 α^{37} −
79 225 620 089 482 364 738 222 580 969 071 025 870 232 921 828 566 491 411 730 521 411 962 110 760 ·
207 810 923 111 536 450 863 104 α^{38} −
10 230 374 593 162 519 400 162 969 750 189 116 440 890 884 612 378 364 963 991 082 108 340 868 159 ·
798 237 157 127 716 840 931 328 α^{39} −
1 228 257 970 680 692 817 751 000 779 658 443 529 133 594 778 275 410 307 024 731 412 083 126 780 361 ·
744 334 064 751 443 181 568 α^{40} −
136 915 301 139 847 865 378 230 257 016 404 045 543 010 434 031 581 972 412 050 038 116 282 556 380 ·
432 512 002 075 689 746 432 α^{41} −
14 147 166 342 192 546 982 666 919 135 629 335 872 111 039 112 778 678 250 546 955 686 971 986 138 ·
916 526 618 908 714 598 400 α^{42} −
1 352 442 391 636 081 184 286 947 108 744 881 653 404 139 520 061 055 626 246 306 818 314 756 745 559 ·
128 455 497 216 163 840 α^{43} −
119 356 798 824 757 118 108 450 770 283 490 740 391 605 719 142 394 225 819 112 077 765 775 895 690 ·
795 022 878 748 180 480 α^{44} −
9 699 580 099 491 148 683 284 134 876 449 400 307 735 197 386 395 668 878 173 736 643 077 087 379 120 ·
725 527 963 369 472 α^{45} −
723 704 252 191 224 289 916 626 429 753 030 217 874 656 441 620 766 686 454 504 753 919 309 277 823 ·
590 047 179 341 824 α^{46} −
49 407 467 253 342 785 014 262 660 938 633 749 389 104 076 800 170 787 663 399 659 591 035 403 802 ·
033 888 111 362 048 α^{47} −
3 074 144 914 249 062 613 578 099 128 577 401 547 608 843 704 951 838 879 462 268 125 264 827 385 741 ·
478 312 542 208 α^{48} −

$$
\begin{aligned}
&173\,515\,315\,688\,817\,050\,594\,328\,317\,746\,440\,135\,384\,733\,622\,863\,902\,336\,980\,829\,260\,686\,993\,997\,789 \div \\
&\quad 868\,633\,096\,192\,\alpha^{49} - \\
&8\,835\,893\,007\,017\,907\,411\,265\,916\,867\,551\,922\,683\,388\,773\,154\,423\,649\,870\,821\,954\,850\,174\,698\,268\,127 \div \\
&\quad 351\,799\,808\,\alpha^{50} - \\
&403\,295\,175\,509\,624\,716\,577\,022\,008\,533\,152\,147\,258\,555\,971\,833\,067\,319\,986\,842\,474\,674\,386\,968\,058 \div \\
&\quad 938\,785\,792\,\alpha^{51} - \\
&16\,369\,352\,670\,930\,035\,011\,345\,798\,006\,414\,263\,973\,581\,541\,057\,168\,201\,680\,644\,724\,162\,799\,512\,736 \div \\
&\quad 059\,359\,232\,\alpha^{52} - \\
&585\,173\,160\,374\,684\,524\,433\,500\,238\,734\,828\,036\,072\,345\,251\,955\,608\,138\,875\,897\,559\,260\,866\,298\,014 \div \\
&\quad 334\,976\,\alpha^{53} - \\
&18\,203\,445\,814\,734\,609\,692\,936\,703\,280\,682\,911\,982\,639\,070\,933\,079\,139\,390\,431\,581\,512\,109\,026\,665 \div \\
&\quad 562\,112\,\alpha^{54} - \\
&485\,244\,466\,694\,489\,942\,527\,533\,265\,679\,788\,003\,027\,227\,999\,718\,280\,530\,014\,737\,048\,725\,606\,625\,181\,696 \\
&\quad \alpha^{55} - \\
&10\,861\,897\,131\,492\,939\,661\,021\,388\,306\,369\,095\,371\,607\,092\,971\,986\,460\,698\,496\,402\,002\,681\,440\,239\,616 \\
&\quad \alpha^{56} - \\
&198\,565\,676\,576\,639\,309\,197\,987\,513\,922\,392\,665\,195\,679\,573\,243\,368\,243\,542\,135\,588\,348\,170\,862\,592 \\
&\quad \alpha^{57} - \\
&2\,846\,898\,057\,954\,072\,452\,506\,409\,434\,188\,696\,873\,074\,723\,455\,902\,026\,394\,129\,664\,149\,546\,860\,544\,\alpha^{58} - \\
&30\,020\,636\,548\,025\,659\,740\,114\,813\,939\,510\,999\,354\,498\,759\,780\,846\,094\,534\,206\,056\,332\,001\,280\,\alpha^{59} - \\
&207\,028\,762\,251\,432\,380\,488\,339\,084\,590\,200\,061\,266\,163\,429\,258\,261\,756\,976\,531\,054\,264\,320\,\alpha^{60} - \\
&700\,480\,775\,851\,211\,448\,675\,941\,363\,804\,426\,696\,906\,888\,038\,037\,184\,823\,043\,712\,614\,400\,\alpha^{61}\Big)\,\mathrm{Seq}[3 + \\
&\alpha] + \\
&\Big(13\,727\,373\,851\,926\,691\,812\,256\,891\,012\,696\,481\,969\,429\,173\,118\,470\,290\,865\,060\,920\,518\,025\,140\,337\,592 \div \\
&\quad 709\,494\,001\,029\,825\,848\,934\,400\,000 + \\
&\quad 218\,663\,649\,664\,267\,314\,783\,284\,636\,462\,666\,757\,780\,582\,458\,636\,300\,083\,831\,356\,177\,671\,782\,727\,295 \div \\
&\quad 012\,557\,593\,723\,111\,372\,908\,134\,400\,000\,\alpha + \\
&\quad 1\,696\,481\,910\,977\,276\,656\,229\,290\,315\,667\,886\,476\,878\,755\,475\,996\,796\,770\,582\,524\,233\,481\,184\,458\,791 \div \\
&\quad 439\,089\,648\,697\,224\,873\,956\,605\,952\,000\,\alpha^2 + \\
&\quad 8\,550\,672\,552\,485\,029\,166\,043\,180\,942\,423\,563\,904\,090\,611\,733\,208\,220\,781\,202\,196\,207\,106\,103\,975\,353 \div \\
&\quad 722\,410\,982\,246\,422\,664\,126\,346\,035\,200\,\alpha^3 + \\
&\quad 31\,506\,235\,101\,282\,977\,825\,636\,050\,823\,151\,322\,324\,609\,593\,716\,584\,688\,070\,241\,691\,754\,978\,626\,003 \div \\
&\quad 408\,378\,327\,938\,582\,623\,518\,335\,571\,066\,880\,\alpha^4 + \\
&\quad 90\,541\,204\,209\,596\,739\,837\,116\,058\,152\,467\,029\,762\,430\,110\,123\,650\,041\,403\,699\,627\,740\,138\,324\,491 \div \\
&\quad 008\,695\,081\,395\,370\,798\,962\,410\,124\,214\,272\,\alpha^5 + \\
&\quad 211\,411\,516\,239\,420\,538\,506\,168\,624\,445\,393\,956\,178\,764\,885\,548\,554\,253\,363\,804\,757\,272\,939\,799\,085 \div \\
&\quad 929\,022\,885\,079\,035\,582\,617\,437\,162\,438\,656\,\alpha^6 + \\
&\quad 412\,575\,270\,044\,900\,221\,798\,961\,164\,091\,958\,784\,707\,807\,825\,325\,234\,003\,960\,926\,032\,509\,236\,292\,744 \div \\
&\quad 847\,010\,855\,122\,520\,103\,856\,839\,971\,569\,664\,\alpha^7 + \\
&\quad 686\,954\,111\,554\,858\,559\,853\,451\,733\,732\,093\,389\,981\,620\,503\,137\,339\,161\,832\,948\,973\,351\,409\,784\,843 \div \\
&\quad 150\,148\,325\,575\,968\,418\,476\,566\,981\,902\,336\,\alpha^8 + \\
&\quad 991\,345\,075\,794\,993\,213\,584\,456\,513\,218\,589\,693\,197\,208\,363\,766\,343\,954\,513\,550\,869\,844\,587\,426\,679 \div \\
&\quad 267\,016\,835\,901\,793\,638\,399\,709\,807\,902\,720\,\alpha^9 + \\
&\quad 1\,255\,321\,070\,957\,368\,190\,317\,387\,589\,948\,521\,303\,224\,305\,194\,503\,983\,102\,978\,096\,481\,047\,691\,252\,795 \div \\
&\quad 019\,483\,811\,982\,381\,732\,821\,794\,696\,986\,624\,\alpha^{10} + \\
&\quad 1\,408\,740\,674\,516\,556\,669\,695\,904\,641\,295\,469\,461\,238\,517\,592\,228\,636\,149\,442\,617\,298\,011\,395\,603\,487 \div \\
&\quad 608\,880\,524\,101\,736\,768\,861\,350\,996\,738\,048\,\alpha^{11} + \\
&\quad 1\,412\,507\,513\,977\,691\,853\,244\,476\,185\,707\,079\,113\,605\,206\,178\,851\,065\,112\,235\,090\,053\,481\,582\,433\,140 \div \\
&\quad 407\,626\,351\,360\,299\,823\,300\,908\,683\,362\,304\,\alpha^{12} + \\
&\quad 1\,274\,027\,258\,605\,484\,774\,302\,822\,756\,623\,337\,043\,885\,126\,350\,330\,184\,325\,408\,593\,417\,268\,163\,421\,641 \div \\
&\quad 294\,110\,224\,363\,331\,861\,694\,304\,547\,766\,272\,\alpha^{13} + \\
\end{aligned}
$$

1 039 624 293 104 949 804 885 541 122 905 343 432 568 564 812 138 212 535 942 056 431 804 100 571 246 ⁄
301 378 988 104 850 145 755 182 591 377 408 α^{14} +
771 250 639 268 094 819 182 649 616 788 786 664 128 895 947 843 627 343 405 938 635 853 133 951 425 ⁄
558 525 813 961 381 459 079 757 079 511 040 α^{15} +
522 332 575 655 158 597 515 867 455 203 351 853 176 690 056 423 906 492 822 253 969 627 782 480 267 ⁄
849 146 381 959 753 136 501 648 191 389 696 α^{16} +
324 111 053 751 599 859 769 377 894 789 808 663 232 986 611 797 065 784 922 363 588 587 291 262 030 ⁄
057 036 033 504 664 025 595 043 194 863 616 α^{17} +
184 837 589 210 196 004 340 780 843 809 545 064 892 749 631 653 902 982 817 685 802 068 598 252 961 ⁄
498 795 071 588 390 920 160 989 805 019 136 α^{18} +
97 143 615 206 428 540 108 923 116 976 298 042 194 052 194 371 024 801 644 153 508 185 751 333 364 ⁄
243 444 504 290 135 853 704 631 781 687 296 α^{19} +
47 161 924 816 932 211 449 182 586 271 904 078 948 599 920 559 742 337 238 938 535 870 555 668 682 ⁄
958 651 597 654 226 219 588 559 262 711 808 α^{20} +
21 194 129 851 763 012 752 917 718 130 589 247 522 902 008 317 336 738 821 099 119 184 578 477 348 ⁄
453 118 917 194 682 169 511 343 224 258 560 α^{21} +
8 832 092 202 551 943 299 089 790 769 590 128 050 984 798 290 458 182 721 700 249 517 098 785 868 234 ⁄
399 283 008 213 888 092 638 051 041 280 α^{22} +
3 418 291 522 589 246 378 329 057 673 631 369 954 490 361 049 725 341 382 804 040 934 411 178 177 628 ⁄
133 573 942 335 062 389 290 757 521 408 α^{23} +
1 230 360 887 601 028 913 315 700 148 702 387 888 959 634 384 958 145 427 787 224 024 421 547 927 766 ⁄
049 241 384 804 124 656 736 306 987 008 α^{24} +
412 315 401 036 413 727 554 712 396 285 031 875 098 051 172 528 744 026 478 891 166 115 999 595 368 ⁄
349 331 749 810 892 148 387 962 945 536 α^{25} +
128 770 993 016 402 456 699 516 208 699 325 430 038 015 008 416 123 868 072 789 170 621 995 048 862 ⁄
206 699 531 032 238 514 729 216 114 688 α^{26} +
37 509 683 410 183 151 758 553 135 580 143 385 469 507 629 721 651 835 546 391 562 566 028 781 888 ⁄
557 783 767 174 847 996 201 707 503 616 α^{27} +
10 197 247 287 997 408 833 165 296 994 037 300 704 240 599 264 169 535 941 010 101 789 969 569 937 ⁄
305 616 307 215 273 744 570 991 509 504 α^{28} +
2 588 506 528 083 268 404 967 678 372 564 734 665 785 826 190 511 293 272 682 900 550 606 923 170 167 ⁄
903 238 279 915 369 048 970 362 880 α^{29} +
613 751 477 236 632 084 611 092 387 495 404 542 453 656 342 637 739 318 666 882 088 096 213 028 988 ⁄
746 181 976 155 399 884 497 747 968 α^{30} +
135 957 219 266 795 915 434 871 240 234 479 790 323 734 082 515 943 250 881 987 494 106 581 079 533 ⁄
900 684 211 591 737 371 843 887 104 α^{31} +
28 138 956 278 536 002 999 817 926 929 325 696 525 088 207 628 088 664 983 347 067 989 893 542 891 ⁄
397 818 463 242 418 555 270 987 776 α^{32} +
5 441 008 595 693 903 528 911 373 901 861 994 374 617 692 034 783 436 774 571 884 920 864 292 205 591 ⁄
892 278 868 860 584 138 375 168 α^{33} +
982 710 973 601 442 681 915 823 797 918 460 119 361 576 184 149 198 418 222 167 739 266 399 272 520 ⁄
317 916 811 331 833 891 389 440 α^{34} +
165 727 477 183 187 667 031 258 980 207 548 094 515 805 915 770 858 522 890 197 907 086 066 111 719 ⁄
480 271 310 758 854 447 333 376 α^{35} +
26 083 674 788 746 266 302 197 741 467 094 036 296 917 818 970 891 583 801 370 648 087 437 499 084 ⁄
900 167 047 436 113 509 613 568 α^{36} +
3 828 816 493 373 750 971 757 472 596 135 120 915 835 663 984 496 759 618 085 338 774 226 929 218 986 ⁄
396 618 783 034 074 726 400 α^{37} +
523 752 914 643 110 935 667 916 358 781 271 931 405 857 503 504 458 466 253 140 958 048 466 116 468 ⁄
034 632 686 089 789 243 392 α^{38} +
66 699 482 152 318 088 845 281 310 243 017 715 801 089 836 452 556 231 380 346 437 077 464 663 884 ⁄

$$
\begin{aligned}
&188\,534\,917\,168\,338\,305\,024\,\alpha^{39} + \\
&7\,898\,367\,595\,824\,068\,133\,350\,541\,392\,249\,469\,549\,122\,715\,558\,115\,422\,608\,777\,360\,832\,414\,917\,091\,213 \div \\
&\quad 951\,946\,235\,326\,758\,912\,\alpha^{40} + \\
&868\,489\,234\,932\,726\,538\,750\,388\,907\,990\,664\,026\,858\,614\,610\,332\,863\,894\,185\,981\,149\,638\,759\,985\,417 \div \\
&\quad 192\,200\,658\,265\,047\,040\,\alpha^{41} + \\
&88\,531\,036\,331\,774\,361\,981\,085\,030\,102\,528\,245\,773\,088\,382\,355\,325\,098\,595\,236\,575\,739\,198\,959\,551 \div \\
&\quad 535\,466\,473\,806\,888\,960\,\alpha^{42} + \\
&8\,350\,421\,014\,973\,192\,798\,192\,627\,344\,243\,369\,547\,732\,787\,590\,649\,125\,356\,347\,845\,775\,896\,974\,560\,530 \div \\
&\quad 919\,615\,136\,530\,432\,\alpha^{43} + \\
&727\,195\,166\,648\,338\,367\,174\,098\,793\,481\,482\,756\,325\,217\,588\,128\,185\,105\,217\,215\,376\,253\,138\,529\,122 \div \\
&\quad 466\,381\,715\,996\,672\,\alpha^{44} + \\
&58\,320\,660\,752\,303\,330\,883\,187\,099\,974\,808\,990\,773\,243\,079\,326\,184\,676\,720\,511\,169\,210\,855\,272\,636 \div \\
&\quad 134\,730\,007\,314\,432\,\alpha^{45} + \\
&4\,294\,854\,106\,178\,931\,764\,778\,080\,811\,221\,028\,440\,538\,610\,219\,062\,810\,091\,174\,830\,519\,291\,042\,946\,365 \div \\
&\quad 031\,370\,981\,376\,\alpha^{46} + \\
&289\,434\,534\,174\,066\,109\,255\,746\,140\,638\,356\,107\,379\,833\,896\,067\,054\,357\,111\,607\,116\,457\,726\,461\,774 \div \\
&\quad 878\,023\,352\,320\,\alpha^{47} + \\
&17\,778\,934\,208\,648\,422\,771\,883\,596\,978\,409\,519\,771\,464\,592\,793\,138\,847\,382\,178\,096\,289\,394\,923\,647 \div \\
&\quad 942\,084\,526\,080\,\alpha^{48} + \\
&990\,823\,757\,289\,895\,461\,785\,178\,093\,837\,860\,225\,874\,599\,704\,684\,471\,333\,217\,392\,567\,662\,928\,470\,304 \div \\
&\quad 547\,143\,680\,\alpha^{49} + \\
&49\,824\,182\,521\,189\,161\,328\,224\,633\,213\,806\,064\,182\,157\,747\,333\,147\,919\,937\,347\,226\,283\,273\,659\,335 \div \\
&\quad 739\,179\,008\,\alpha^{50} + \\
&2\,245\,939\,783\,106\,548\,343\,406\,611\,042\,999\,061\,141\,826\,368\,502\,214\,279\,788\,937\,302\,211\,373\,569\,229\,893 \div \\
&\quad 664\,768\,\alpha^{51} + \\
&90\,042\,256\,661\,562\,331\,396\,760\,281\,201\,602\,284\,971\,908\,519\,417\,646\,170\,259\,626\,630\,667\,020\,190\,246 \div \\
&\quad 502\,400\,\alpha^{52} + \\
&3\,179\,754\,971\,956\,774\,941\,694\,934\,369\,218\,272\,081\,616\,244\,827\,143\,660\,761\,540\,405\,571\,880\,827\,286\,978 \div \\
&\quad 560\,\alpha^{53} + \\
&97\,726\,418\,066\,540\,863\,694\,446\,824\,615\,965\,948\,598\,693\,897\,569\,319\,279\,102\,641\,660\,700\,322\,537\,930\,752 \\
&\quad \alpha^{54} + \\
&2\,574\,085\,028\,780\,686\,735\,632\,557\,152\,081\,142\,377\,545\,697\,628\,607\,366\,097\,642\,958\,792\,726\,270\,705\,664 \\
&\quad \alpha^{55} + \\
&56\,941\,216\,012\,965\,213\,461\,897\,895\,919\,025\,338\,456\,280\,408\,765\,875\,646\,850\,269\,734\,605\,680\,541\,696 \\
&\quad \alpha^{56} + \\
&1\,028\,818\,614\,267\,781\,715\,517\,202\,536\,623\,970\,016\,788\,358\,469\,420\,559\,435\,634\,011\,230\,032\,625\,664\,\alpha^{57} + \\
&14\,580\,583\,795\,989\,456\,101\,090\,149\,452\,217\,343\,384\,558\,142\,835\,194\,135\,656\,722\,814\,900\,109\,312\,\alpha^{58} + \\
&152\,000\,831\,118\,106\,698\,954\,283\,247\,600\,190\,599\,999\,480\,912\,138\,275\,509\,601\,867\,703\,255\,040\,\alpha^{59} + \\
&1\,036\,416\,738\,882\,484\,779\,301\,287\,632\,896\,739\,815\,979\,662\,441\,118\,914\,755\,513\,664\,143\,360\,\alpha^{60} + \\
&3\,467\,624\,666\,637\,383\,248\,465\,458\,511\,444\,210\,247\,974\,671\,505\,234\,254\,978\,298\,675\,200\,\alpha^{61}\Big)\,\mathrm{Seq}[4+\alpha] + \\
\Big(&-66\,084\,746\,155\,241\,748\,388\,262\,836\,845\,271\,679\,409\,826\,183\,688\,193\,519\,547\,860\,452\,788\,075\,126\,388\,075 \div \\
&\quad 017\,809\,863\,937\,884\,160\,000\,000 - \\
&1\,046\,306\,842\,138\,738\,272\,448\,726\,630\,219\,105\,177\,763\,591\,147\,775\,061\,815\,208\,644\,439\,800\,659\,970\,463 \div \\
&\quad 817\,993\,845\,497\,962\,496\,000\,000\,000\,\alpha - \\
&8\,063\,040\,903\,368\,119\,489\,520\,639\,605\,861\,054\,492\,644\,383\,281\,280\,152\,439\,760\,335\,716\,023\,888\,579\,587 \div \\
&\quad 892\,322\,474\,458\,446\,564\,556\,800\,000\,\alpha^2 - \\
&40\,342\,003\,276\,464\,216\,044\,450\,182\,823\,947\,828\,779\,909\,724\,693\,807\,903\,745\,495\,539\,091\,581\,285\,348 \div \\
&\quad 655\,015\,862\,991\,060\,407\,117\,987\,840\,000\,\alpha^3 - \\
&147\,480\,680\,696\,527\,169\,023\,481\,214\,866\,537\,283\,573\,289\,590\,473\,986\,907\,202\,542\,474\,712\,643\,129\,240 \div \\
&\quad 344\,734\,982\,898\,527\,454\,663\,389\,184\,000\,\alpha^4 - \\
&420\,307\,794\,979\,971\,339\,240\,068\,771\,099\,896\,944\,194\,319\,811\,522\,149\,369\,190\,952\,394\,291\,736\,631\,955 \div
\end{aligned}
$$

500 588 907 988 832 371 996 931 686 400 α^5 −
972 872 683 947 461 549 390 032 622 605 804 999 530 770 114 836 008 552 054 002 297 339 486 155 899 ÷
169 989 453 915 030 924 292 648 591 360 α^6 −
1 881 392 043 927 614 844 232 283 116 610 187 939 661 204 340 499 337 585 705 454 277 554 583 013 017 ÷
989 832 950 077 836 279 602 653 913 088 α^7 −
3 103 210 534 714 404 030 824 179 600 350 724 367 924 680 869 703 938 243 004 913 650 515 201 899 584 ÷
230 977 528 217 866 916 867 902 599 168 α^8 −
4 434 945 912 949 889 771 898 905 118 827 007 222 959 946 366 388 645 356 155 936 115 487 990 557 789 ÷
351 010 282 207 351 395 964 501 026 816 α^9 −
5 560 104 254 008 049 409 147 280 978 567 740 613 195 455 543 799 082 669 813 414 091 764 132 169 957 ÷
681 481 154 782 128 263 797 459 736 576 α^{10} −
6 176 169 185 455 940 330 808 906 269 867 595 807 173 753 454 489 301 450 331 041 466 273 897 367 923 ÷
767 183 892 529 349 894 604 885 764 096 α^{11} −
6 128 353 311 446 945 537 769 882 153 407 003 518 183 803 383 964 320 134 341 520 907 268 210 678 080 ÷
876 411 531 193 082 882 536 328 017 920 α^{12} −
5 469 027 003 884 320 146 820 843 068 331 442 823 213 189 184 790 249 006 329 401 369 812 290 249 705 ÷
608 701 476 133 954 703 027 587 143 680 α^{13} −
4 414 761 268 063 184 662 512 253 736 120 675 764 495 733 544 884 254 877 816 933 785 589 497 501 177 ÷
158 273 211 798 202 771 605 650 966 528 α^{14} −
3 239 320 790 384 512 454 925 659 217 401 528 541 960 925 674 562 823 467 683 753 387 300 096 913 804 ÷
526 274 991 735 370 050 331 469 453 312 α^{15} −
2 169 540 377 733 910 655 616 404 516 857 325 837 308 967 831 278 850 565 658 396 459 617 627 705 262 ÷
466 336 179 944 036 513 837 083 326 464 α^{16} −
1 331 119 888 871 444 272 494 859 872 588 462 965 569 406 619 870 947 403 259 284 176 975 372 734 923 ÷
024 439 023 425 472 796 802 555 240 448 α^{17} −
750 520 039 766 967 595 908 225 848 790 922 744 578 733 947 175 727 108 508 541 681 094 896 124 263 ÷
562 545 812 841 297 366 048 071 327 744 α^{18} −
389 929 379 522 431 825 137 397 143 704 228 135 063 293 964 596 923 658 415 486 442 009 604 953 374 ÷
158 035 970 887 733 045 206 963 142 656 α^{19} −
187 119 335 650 243 646 015 447 680 007 186 075 111 320 249 455 185 607 780 617 792 887 598 981 918 ÷
348 547 038 955 537 008 877 742 325 760 α^{20} −
83 110 967 167 707 809 590 431 195 545 846 962 330 496 256 759 037 319 469 496 937 083 568 965 496 ÷
149 884 892 113 011 782 329 225 117 696 α^{21} −
34 228 369 501 835 145 494 980 127 780 618 335 757 627 665 016 056 708 141 267 429 761 837 796 789 ÷
187 877 255 697 785 179 480 042 668 032 α^{22} −
13 091 207 979 507 213 938 222 505 454 960 881 022 480 681 727 757 992 916 388 442 954 235 805 174 ÷
808 285 847 632 488 618 767 049 064 448 α^{23} −
4 656 106 578 302 642 277 486 956 530 568 514 226 802 466 178 418 960 554 715 671 054 259 816 447 896 ÷
732 606 416 009 612 563 628 982 272 α^{24} −
1 541 753 358 255 901 982 899 143 717 866 842 151 869 396 697 382 500 616 259 988 190 275 414 344 807 ÷
668 661 509 123 548 719 607 709 696 α^{25} −
475 747 741 423 846 113 509 406 139 822 089 409 558 834 890 225 094 660 656 121 806 403 691 348 963 ÷
331 978 299 467 374 606 563 278 848 α^{26} −
136 916 837 891 187 616 625 184 998 326 056 429 504 039 653 097 666 185 977 111 209 848 877 016 527 ÷
896 838 721 782 958 028 222 103 552 α^{27} −
36 773 542 902 032 848 720 604 992 348 021 309 855 975 509 045 302 771 430 572 830 388 247 978 080 ÷
004 321 983 332 842 395 672 248 320 α^{28} −
9 222 057 771 865 361 655 587 918 791 865 256 513 655 059 974 248 979 008 383 657 242 319 695 021 511 ÷
689 051 936 575 805 026 467 840 α^{29} −
2 160 163 985 925 675 042 099 245 483 939 634 377 275 071 957 227 813 696 829 782 717 717 176 003 818 ÷
487 785 399 121 613 860 896 768 α^{30} −

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\begin{aligned}
&472\,720\,025\,205\,640\,815\,059\,490\,246\,145\,861\,870\,332\,220\,096\,433\,384\,130\,334\,619\,316\,308\,120\,253\,515 \cdot \\
&\quad 277\,057\,104\,383\,978\,367\,877\,120\,\alpha^{31} - \\
&96\,652\,147\,696\,787\,341\,895\,848\,956\,866\,051\,016\,039\,909\,551\,625\,199\,908\,402\,682\,998\,557\,439\,441\,167 \cdot \\
&\quad 607\,892\,511\,107\,022\,699\,102\,208\,\alpha^{32} - \\
&18\,462\,101\,488\,678\,397\,135\,494\,627\,257\,448\,945\,706\,415\,101\,359\,877\,407\,220\,951\,086\,944\,447\,072\,736 \cdot \\
&\quad 475\,777\,381\,563\,975\,430\,307\,840\,\alpha^{33} - \\
&3\,294\,004\,347\,559\,613\,239\,011\,490\,570\,819\,901\,982\,434\,667\,351\,701\,826\,812\,180\,794\,428\,244\,257\,510\,022 \cdot \\
&\quad 981\,729\,304\,937\,322\,512\,384\,\alpha^{34} - \\
&548\,769\,412\,455\,946\,619\,105\,967\,864\,833\,292\,729\,282\,200\,750\,189\,473\,702\,537\,314\,172\,764\,953\,892\,848 \cdot \\
&\quad 343\,678\,058\,286\,284\,800\,000\,\alpha^{35} - \\
&85\,322\,460\,572\,345\,824\,115\,396\,103\,190\,598\,482\,331\,476\,952\,333\,928\,970\,081\,095\,175\,298\,131\,045\,877 \cdot \\
&\quad 048\,464\,191\,584\,370\,425\,856\,\alpha^{36} - \\
&12\,372\,637\,705\,450\,985\,916\,790\,208\,292\,779\,362\,208\,938\,508\,679\,703\,247\,271\,783\,820\,034\,240\,960\,359 \cdot \\
&\quad 692\,403\,067\,920\,324\,755\,456\,\alpha^{37} - \\
&1\,671\,987\,071\,590\,710\,549\,327\,937\,486\,345\,232\,161\,986\,013\,915\,545\,089\,761\,875\,242\,051\,467\,862\,849\,239 \cdot \\
&\quad 742\,509\,511\,897\,776\,128\,\alpha^{38} - \\
&210\,351\,086\,555\,818\,325\,900\,115\,450\,364\,084\,991\,848\,031\,684\,051\,542\,064\,588\,145\,772\,268\,399\,227\,033 \cdot \\
&\quad 253\,298\,772\,371\,308\,544\,\alpha^{39} - \\
&24\,608\,438\,546\,361\,175\,534\,937\,545\,622\,226\,722\,673\,118\,723\,191\,263\,957\,400\,822\,118\,273\,363\,807\,557 \cdot \\
&\quad 781\,612\,194\,378\,547\,200\,\alpha^{40} - \\
&2\,673\,286\,727\,786\,562\,934\,329\,060\,531\,499\,866\,480\,845\,791\,347\,455\,685\,492\,553\,416\,890\,591\,759\,616\,806 \cdot \\
&\quad 534\,552\,217\,452\,544\,\alpha^{41} - \\
&269\,229\,298\,130\,090\,954\,346\,081\,240\,433\,626\,118\,699\,200\,857\,940\,249\,306\,840\,830\,488\,326\,238\,555\,279 \cdot \\
&\quad 497\,987\,618\,766\,848\,\alpha^{42} - \\
&25\,089\,576\,750\,794\,901\,202\,832\,762\,927\,865\,548\,923\,068\,159\,981\,057\,017\,689\,115\,799\,911\,356\,402\,902 \cdot \\
&\quad 430\,047\,358\,943\,232\,\alpha^{43} - \\
&2\,158\,777\,268\,447\,904\,178\,449\,599\,080\,825\,606\,596\,139\,840\,063\,281\,548\,344\,729\,703\,871\,776\,723\,614\,182 \cdot \\
&\quad 296\,002\,756\,608\,\alpha^{44} - \\
&171\,066\,901\,763\,941\,149\,310\,027\,936\,881\,624\,312\,397\,959\,809\,979\,309\,332\,678\,088\,357\,662\,261\,425\,810 \cdot \\
&\quad 659\,285\,663\,744\,\alpha^{45} - \\
&12\,447\,855\,432\,430\,684\,071\,574\,506\,959\,843\,385\,704\,358\,919\,425\,359\,872\,840\,014\,653\,322\,879\,702\,454 \cdot \\
&\quad 923\,020\,992\,512\,\alpha^{46} - \\
&828\,926\,257\,417\,981\,463\,044\,074\,521\,250\,992\,804\,504\,781\,181\,395\,893\,298\,873\,558\,607\,584\,887\,479\,429 \cdot \\
&\quad 024\,972\,800\,\alpha^{47} - \\
&50\,316\,277\,917\,632\,358\,932\,212\,241\,401\,985\,181\,680\,750\,527\,057\,370\,626\,271\,716\,159\,349\,205\,253\,270 \cdot \\
&\quad 737\,518\,592\,\alpha^{48} - \\
&2\,771\,118\,734\,583\,284\,921\,118\,845\,301\,307\,087\,413\,802\,880\,091\,400\,792\,313\,478\,173\,670\,369\,754\,663\,033 \cdot \\
&\quad 503\,744\,\alpha^{49} - \\
&137\,712\,827\,660\,257\,339\,173\,698\,533\,307\,313\,630\,695\,948\,419\,960\,042\,460\,401\,504\,035\,396\,711\,600\,353 \cdot \\
&\quad 181\,696\,\alpha^{50} - \\
&6\,135\,192\,158\,364\,546\,900\,539\,006\,971\,820\,090\,261\,589\,423\,075\,514\,539\,457\,306\,186\,213\,444\,141\,694\,582 \cdot \\
&\quad 784\,\alpha^{51} - \\
&243\,104\,725\,758\,837\,767\,552\,139\,070\,051\,076\,848\,789\,548\,660\,176\,641\,336\,478\,674\,872\,103\,569\,375\,363\,072 \\
&\quad \alpha^{52} - \\
&8\,485\,540\,302\,509\,001\,247\,718\,900\,614\,900\,158\,960\,754\,217\,337\,028\,332\,615\,217\,672\,002\,329\,294\,929\,920 \\
&\quad \alpha^{53} - \\
&257\,785\,910\,402\,808\,211\,284\,516\,081\,368\,306\,309\,411\,559\,846\,290\,715\,539\,388\,387\,099\,860\,111\,720\,448 \\
&\quad \alpha^{54} - \\
&6\,712\,041\,376\,408\,789\,166\,921\,011\,635\,171\,742\,514\,928\,803\,799\,185\,869\,332\,335\,040\,288\,478\,199\,808\,\alpha^{55} - \\
&146\,779\,981\,189\,443\,472\,823\,310\,349\,121\,775\,625\,707\,391\,040\,425\,471\,334\,585\,403\,719\,150\,469\,120\,\alpha^{56} - \\
&2\,621\,873\,074\,878\,585\,079\,608\,359\,805\,190\,872\,595\,183\,877\,618\,696\,247\,334\,462\,868\,869\,349\,376\,\alpha^{57} -
\end{aligned}
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\begin{aligned}
&36\,737\,152\,832\,496\,212\,022\,814\,276\,545\,290\,018\,760\,882\,502\,500\,271\,251\,331\,624\,759\,984\,128\,\alpha^{58} -\\
&378\,669\,028\,927\,466\,965\,844\,168\,860\,198\,416\,941\,541\,895\,992\,884\,919\,322\,261\,648\,834\,560\,\alpha^{59} -\\
&2\,553\,039\,342\,479\,802\,764\,417\,560\,551\,325\,462\,302\,039\,511\,315\,074\,990\,038\,518\,333\,440\,\alpha^{60} -\\
&8\,446\,775\,523\,101\,979\,745\,645\,350\,596\,239\,365\,375\,715\,336\,408\,411\,704\,970\,444\,800\,\alpha^{61}\Big)\,\text{Seq}[5+\alpha] +\\
\Big(&120\,581\,152\,450\,274\,920\,402\,573\,032\,294\,686\,819\,712\,972\,131\,296\,806\,580\,426\,328\,000\,788\,642\,111\,538\,242 \div\\
&\quad 565\,418\,876\,665\,856\,000\,000 +\\
&1\,900\,076\,413\,371\,013\,166\,122\,856\,562\,173\,789\,942\,525\,553\,614\,400\,179\,944\,787\,772\,122\,588\,627\,417\,767 \div\\
&\quad 426\,342\,634\,983\,784\,448\,000\,000\,\alpha +\\
&14\,565\,846\,026\,310\,966\,022\,328\,168\,211\,599\,097\,657\,095\,633\,485\,159\,403\,543\,056\,230\,733\,558\,435\,906 \div\\
&\quad 795\,931\,042\,282\,584\,181\,473\,280\,000\,\alpha^2 +\\
&72\,466\,373\,087\,607\,070\,039\,125\,403\,400\,738\,948\,478\,373\,316\,642\,389\,100\,803\,178\,610\,446\,925\,981\,099 \div\\
&\quad 670\,744\,035\,437\,704\,843\,501\,568\,000\,\alpha^3 +\\
&263\,326\,485\,763\,145\,395\,328\,697\,994\,209\,235\,676\,637\,002\,595\,096\,745\,338\,394\,942\,785\,958\,765\,369\,375 \div\\
&\quad 548\,818\,006\,625\,383\,713\,991\,475\,200\,\alpha^4 +\\
&745\,696\,424\,094\,683\,967\,697\,713\,307\,191\,917\,361\,711\,991\,589\,151\,305\,379\,776\,618\,923\,180\,819\,737\,801 \div\\
&\quad 798\,612\,269\,545\,100\,023\,239\,905\,280\,\alpha^5 +\\
&1\,714\,566\,854\,705\,516\,597\,426\,058\,620\,998\,002\,345\,466\,308\,936\,103\,883\,471\,120\,746\,062\,179\,064\,489\,522 \div\\
&\quad 645\,158\,546\,376\,751\,416\,222\,935\,040\,\alpha^6 +\\
&3\,292\,771\,308\,337\,379\,139\,686\,334\,200\,339\,211\,969\,554\,922\,564\,572\,265\,624\,921\,824\,694\,076\,958\,426\,628 \div\\
&\quad 119\,223\,606\,929\,912\,442\,569\,376\,768\,\alpha^7 +\\
&5\,392\,214\,090\,871\,886\,520\,361\,415\,615\,687\,083\,199\,333\,934\,671\,650\,124\,310\,772\,889\,591\,997\,317\,103\,262 \div\\
&\quad 623\,414\,444\,515\,391\,762\,350\,627\,072\,\alpha^8 +\\
&7\,649\,198\,938\,441\,291\,343\,526\,380\,734\,692\,815\,796\,356\,665\,376\,466\,956\,679\,944\,771\,192\,510\,653\,540\,807 \div\\
&\quad 281\,794\,099\,708\,383\,177\,320\,014\,080\,\alpha^9 +\\
&9\,516\,728\,982\,761\,786\,120\,605\,393\,855\,441\,555\,752\,870\,497\,590\,051\,820\,540\,357\,285\,289\,617\,660\,627\,986 \div\\
&\quad 076\,959\,591\,212\,228\,458\,698\,698\,304\,\alpha^{10} +\\
&10\,488\,488\,190\,429\,786\,621\,447\,248\,762\,358\,014\,712\,658\,140\,464\,493\,395\,257\,827\,541\,679\,074\,440\,358 \div\\
&\quad 317\,804\,055\,315\,201\,775\,025\,282\,828\,096\,\alpha^{11} +\\
&10\,323\,903\,946\,987\,212\,982\,998\,658\,998\,557\,087\,287\,593\,058\,891\,701\,018\,242\,099\,458\,731\,022\,146\,048 \div\\
&\quad 659\,357\,147\,597\,301\,293\,190\,362\,217\,600\,\alpha^{12} +\\
&9\,137\,750\,833\,075\,661\,139\,297\,923\,020\,332\,422\,559\,434\,192\,650\,513\,376\,702\,972\,240\,818\,883\,690\,093\,964 \div\\
&\quad 503\,283\,789\,148\,554\,528\,741\,679\,872\,\alpha^{13} +\\
&7\,314\,637\,829\,541\,867\,737\,442\,618\,078\,674\,795\,653\,864\,424\,318\,082\,246\,781\,335\,402\,430\,604\,642\,783\,355 \div\\
&\quad 444\,150\,489\,286\,819\,796\,091\,533\,952\,\alpha^{14} +\\
&5\,321\,418\,760\,443\,267\,695\,937\,899\,214\,363\,957\,228\,750\,562\,670\,177\,971\,047\,885\,757\,993\,115\,552\,475\,356 \div\\
&\quad 479\,849\,751\,607\,528\,267\,688\,708\,224\,\alpha^{15} +\\
&3\,533\,169\,685\,457\,613\,721\,246\,686\,657\,033\,774\,994\,730\,027\,979\,020\,598\,859\,248\,178\,621\,844\,442\,994\,754 \div\\
&\quad 401\,127\,700\,893\,118\,048\,436\,198\,656\,\alpha^{16} +\\
&2\,148\,702\,124\,785\,205\,437\,072\,158\,685\,600\,832\,819\,709\,308\,401\,482\,098\,774\,557\,609\,603\,146\,268\,370\,693 \div\\
&\quad 571\,897\,467\,142\,200\,671\,012\,460\,032\,\alpha^{17} +\\
&1\,200\,676\,352\,346\,166\,722\,529\,054\,913\,337\,961\,684\,874\,633\,742\,677\,411\,170\,512\,481\,652\,293\,203\,789\,703 \div\\
&\quad 337\,197\,921\,449\,660\,518\,608\,062\,528\,\alpha^{18} +\\
&618\,158\,293\,609\,438\,396\,479\,336\,982\,076\,454\,816\,756\,085\,065\,377\,703\,220\,705\,007\,379\,202\,419\,772\,379 \div\\
&\quad 659\,653\,356\,684\,836\,837\,954\,258\,752\,\alpha^{19} +\\
&293\,921\,160\,623\,900\,481\,498\,500\,639\,381\,345\,209\,629\,458\,075\,959\,197\,907\,830\,952\,517\,471\,883\,677\,063 \div\\
&\quad 729\,876\,161\,724\,520\,063\,564\,193\,152\,\alpha^{20} +\\
&129\,336\,192\,721\,765\,991\,660\,080\,343\,308\,454\,065\,800\,831\,634\,428\,433\,679\,000\,441\,710\,878\,013\,015\,083 \div\\
&\quad 737\,927\,074\,089\,207\,922\,874\,941\,440\,\alpha^{21} +\\
&52\,765\,636\,019\,199\,799\,111\,381\,378\,868\,634\,304\,033\,145\,894\,069\,021\,076\,421\,221\,501\,662\,954\,134\,592 \div\\
&\quad 270\,749\,838\,354\,718\,645\,222\,806\,784\,\alpha^{22} +\\
&19\,989\,596\,605\,579\,962\,984\,867\,994\,033\,658\,387\,820\,286\,510\,446\,530\,911\,883\,178\,825\,935\,021\,481\,775 \div
\end{aligned}
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\begin{aligned}
&279\,533\,495\,882\,366\,264\,207\,935\,232\,\alpha^{23} + \\
&7\,041\,496\,612\,088\,159\,463\,311\,320\,381\,422\,443\,958\,933\,034\,367\,901\,537\,196\,636\,504\,100\,719\,468\,272\,610 \div \\
&\quad 586\,653\,925\,460\,746\,492\,748\,288\,\alpha^{24} + \\
&2\,309\,060\,497\,679\,889\,819\,568\,829\,675\,953\,492\,486\,401\,228\,637\,343\,600\,590\,973\,213\,529\,765\,269\,345\,674 \div \\
&\quad 567\,191\,622\,231\,758\,901\,625\,856\,\alpha^{25} + \\
&705\,566\,822\,709\,603\,616\,752\,967\,960\,051\,400\,614\,194\,104\,837\,995\,986\,979\,434\,773\,665\,743\,607\,957\,497 \div \\
&\quad 597\,909\,829\,997\,309\,673\,136\,128\,\alpha^{26} + \\
&201\,059\,181\,461\,910\,258\,374\,737\,816\,899\,248\,508\,572\,638\,315\,332\,035\,781\,187\,681\,288\,149\,220\,941\,698 \div \\
&\quad 291\,146\,925\,804\,441\,479\,016\,448\,\alpha^{27} + \\
&53\,465\,625\,616\,863\,590\,775\,414\,150\,388\,845\,576\,347\,663\,846\,893\,792\,228\,443\,171\,968\,875\,550\,156\,900 \div \\
&\quad 582\,056\,785\,747\,719\,422\,525\,440\,\alpha^{28} + \\
&13\,274\,171\,512\,859\,680\,595\,835\,814\,089\,747\,839\,640\,233\,513\,347\,991\,315\,735\,528\,959\,924\,396\,189\,953 \div \\
&\quad 528\,392\,277\,813\,159\,454\,801\,920\,\alpha^{29} + \\
&3\,078\,057\,213\,763\,486\,244\,352\,345\,791\,721\,276\,545\,132\,752\,580\,025\,576\,062\,526\,743\,654\,834\,354\,480\,552 \div \\
&\quad 461\,483\,354\,715\,108\,868\,096\,\alpha^{30} + \\
&666\,769\,829\,129\,949\,037\,121\,801\,443\,589\,484\,393\,540\,592\,059\,096\,938\,291\,893\,912\,321\,148\,006\,506\,381 \div \\
&\quad 146\,844\,371\,145\,041\,641\,472\,\alpha^{31} + \\
&134\,939\,333\,170\,640\,250\,644\,825\,087\,506\,155\,019\,776\,551\,340\,483\,776\,456\,258\,058\,615\,424\,995\,046\,845 \div \\
&\quad 495\,729\,320\,230\,459\,539\,456\,\alpha^{32} + \\
&25\,511\,612\,464\,764\,100\,546\,430\,997\,379\,719\,262\,680\,447\,523\,488\,849\,274\,818\,592\,600\,167\,424\,164\,876 \div \\
&\quad 020\,845\,531\,206\,619\,496\,448\,\alpha^{33} + \\
&4\,504\,915\,937\,889\,488\,720\,282\,092\,156\,772\,919\,438\,774\,874\,621\,572\,348\,422\,784\,365\,901\,096\,114\,334\,276 \div \\
&\quad 262\,051\,688\,191\,361\,024\,\alpha^{34} + \\
&742\,737\,824\,182\,835\,970\,689\,350\,093\,603\,544\,832\,861\,288\,972\,635\,280\,217\,915\,406\,821\,298\,110\,703\,255 \div \\
&\quad 349\,658\,360\,278\,417\,408\,\alpha^{35} + \\
&114\,280\,149\,807\,519\,929\,236\,702\,876\,833\,062\,323\,065\,049\,840\,063\,653\,409\,586\,438\,474\,120\,115\,330\,047 \div \\
&\quad 846\,006\,957\,417\,693\,184\,\alpha^{36} + \\
&16\,398\,775\,142\,218\,976\,562\,880\,882\,075\,176\,257\,653\,811\,072\,240\,487\,035\,453\,361\,999\,016\,300\,688\,562 \div \\
&\quad 516\,073\,067\,902\,402\,560\,\alpha^{37} + \\
&2\,192\,829\,169\,402\,203\,220\,737\,266\,504\,684\,302\,298\,474\,988\,116\,383\,555\,850\,400\,694\,002\,904\,037\,395\,070 \div \\
&\quad 982\,061\,591\,363\,584\,\alpha^{38} + \\
&272\,974\,220\,807\,403\,524\,882\,574\,716\,259\,239\,670\,274\,799\,336\,176\,925\,409\,961\,029\,917\,838\,181\,599\,612 \div \\
&\quad 933\,119\,366\,135\,808\,\alpha^{39} + \\
&31\,597\,246\,259\,766\,424\,246\,728\,035\,639\,042\,985\,947\,138\,250\,760\,643\,948\,491\,165\,231\,805\,438\,021\,076 \div \\
&\quad 142\,404\,893\,933\,568\,\alpha^{40} + \\
&3\,396\,122\,757\,602\,875\,444\,111\,357\,280\,112\,069\,533\,281\,317\,737\,631\,151\,483\,587\,158\,036\,013\,103\,708\,926 \div \\
&\quad 725\,691\,801\,600\,\alpha^{41} + \\
&338\,390\,516\,501\,879\,988\,552\,822\,509\,200\,909\,533\,334\,798\,976\,877\,139\,053\,474\,011\,280\,502\,180\,367\,219 \div \\
&\quad 316\,454\,588\,416\,\alpha^{42} + \\
&31\,198\,489\,018\,300\,067\,585\,260\,944\,852\,250\,344\,332\,646\,420\,864\,107\,874\,035\,234\,045\,801\,609\,611\,223 \div \\
&\quad 884\,929\,957\,888\,\alpha^{43} + \\
&2\,655\,704\,158\,564\,678\,961\,048\,863\,287\,604\,573\,688\,111\,801\,752\,637\,426\,697\,812\,178\,953\,780\,767\,539\,199 \div \\
&\quad 739\,953\,152\,\alpha^{44} + \\
&208\,188\,937\,558\,838\,879\,558\,320\,924\,438\,661\,530\,453\,979\,304\,978\,436\,615\,902\,674\,330\,138\,904\,660\,249 \div \\
&\quad 667\,436\,544\,\alpha^{45} + \\
&14\,986\,321\,239\,745\,063\,715\,953\,263\,249\,111\,081\,851\,785\,606\,888\,117\,525\,771\,217\,934\,795\,844\,491\,117 \div \\
&\quad 720\,502\,272\,\alpha^{46} + \\
&987\,222\,680\,657\,520\,467\,139\,359\,993\,816\,566\,093\,606\,778\,869\,737\,980\,549\,780\,573\,277\,890\,734\,983\,368 \div \\
&\quad 146\,944\,\alpha^{47} + \\
&59\,278\,493\,653\,086\,844\,808\,182\,174\,633\,278\,391\,368\,719\,144\,307\,104\,396\,769\,159\,552\,887\,645\,419\,201 \div \\
&\quad 363\,968\,\alpha^{48} +
\end{aligned}
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\begin{aligned}
&3\,229\,421\,260\,307\,996\,998\,417\,183\,140\,207\,934\,071\,198\,248\,174\,697\,674\,201\,995\,613\,065\,884\,821\,618\,688 \div \\
&\quad 000\,\alpha^{49} + \\
&158\,751\,242\,496\,453\,534\,825\,597\,053\,156\,507\,475\,079\,646\,337\,966\,566\,094\,107\,382\,603\,476\,949\,648\,015\,360 \\
&\quad \alpha^{50} + \\
&6\,995\,795\,157\,325\,692\,988\,477\,132\,486\,377\,610\,339\,521\,735\,824\,378\,306\,639\,271\,028\,742\,806\,340\,370\,432 \\
&\quad \alpha^{51} + \\
&274\,196\,702\,833\,137\,360\,558\,598\,500\,679\,259\,146\,138\,827\,503\,206\,825\,796\,571\,771\,198\,594\,449\,670\,144 \\
&\quad \alpha^{52} + \\
&9\,466\,788\,739\,930\,405\,085\,189\,369\,271\,953\,402\,490\,455\,091\,105\,179\,113\,022\,739\,705\,702\,666\,731\,520\,\alpha^{53} + \\
&284\,466\,979\,658\,548\,689\,774\,886\,522\,592\,467\,845\,631\,831\,886\,674\,858\,219\,685\,367\,770\,265\,944\,064\,\alpha^{54} + \\
&7\,326\,096\,463\,359\,683\,724\,104\,533\,601\,042\,578\,936\,191\,058\,403\,786\,226\,862\,701\,604\,836\,999\,168\,\alpha^{55} + \\
&158\,462\,553\,404\,231\,846\,803\,899\,930\,980\,941\,944\,990\,298\,886\,304\,560\,455\,349\,704\,096\,481\,280\,\alpha^{56} + \\
&2\,799\,693\,235\,878\,071\,044\,209\,091\,575\,226\,043\,614\,606\,397\,175\,393\,295\,288\,267\,909\,890\,048\,\alpha^{57} + \\
&38\,800\,831\,823\,567\,827\,499\,922\,801\,782\,712\,161\,992\,488\,493\,059\,403\,151\,376\,748\,904\,448\,\alpha^{58} + \\
&395\,576\,528\,894\,866\,435\,542\,916\,831\,600\,021\,216\,563\,967\,696\,862\,066\,117\,034\,639\,360\,\alpha^{59} + \\
&2\,637\,925\,249\,040\,141\,171\,551\,058\,531\,232\,034\,926\,711\,319\,300\,708\,501\,385\,379\,840\,\alpha^{60} + \\
&8\,632\,366\,274\,740\,153\,588\,176\,367\,525\,920\,644\,804\,831\,022\,961\,094\,610\,124\,800\,\alpha^{61}\Big)\,\mathrm{Seq}[6+\alpha] + \\
\Big(&-29\,455\,629\,991\,646\,647\,140\,236\,846\,327\,061\,677\,829\,185\,214\,944\,415\,369\,972\,088\,077\,461\,375\,831\,570\,406 \div \\
&\quad 398\,433\,558\,528\,000\,000 - \\
&462\,525\,044\,793\,622\,682\,472\,887\,357\,066\,717\,368\,850\,633\,206\,003\,423\,100\,963\,098\,357\,333\,130\,238\,935 \div \\
&\quad 414\,579\,782\,857\,523\,200\,000\,\alpha - \\
&3\,532\,646\,259\,358\,609\,551\,764\,417\,030\,516\,390\,355\,414\,191\,427\,524\,451\,411\,965\,807\,149\,015\,061\,477\,878 \div \\
&\quad 710\,655\,959\,807\,631\,360\,000\,\alpha^2 - \\
&17\,507\,825\,373\,595\,286\,818\,432\,814\,614\,666\,167\,614\,246\,230\,101\,181\,733\,695\,293\,656\,666\,780\,214\,791 \div \\
&\quad 695\,768\,242\,690\,973\,394\,944\,000\,\alpha^3 - \\
&63\,366\,137\,292\,413\,072\,727\,859\,693\,139\,817\,885\,716\,451\,408\,633\,079\,301\,221\,557\,007\,201\,989\,142\,972 \div \\
&\quad 485\,512\,422\,031\,004\,315\,545\,600\,\alpha^4 - \\
&178\,702\,807\,189\,283\,132\,384\,992\,926\,641\,454\,606\,081\,932\,850\,546\,145\,452\,462\,443\,115\,381\,438\,485\,178 \div \\
&\quad 724\,900\,482\,638\,704\,913\,548\,800\,\alpha^5 - \\
&409\,141\,125\,618\,277\,428\,731\,409\,324\,250\,449\,833\,118\,175\,806\,301\,159\,181\,480\,732\,174\,041\,095\,218\,023 \div \\
&\quad 720\,914\,892\,780\,036\,293\,415\,424\,\alpha^6 - \\
&782\,303\,174\,904\,870\,046\,463\,950\,616\,114\,876\,197\,949\,422\,718\,146\,478\,562\,921\,513\,302\,050\,874\,554\,979 \div \\
&\quad 773\,349\,349\,358\,537\,158\,841\,824\,\alpha^7 - \\
&1\,275\,331\,592\,972\,415\,178\,369\,213\,213\,865\,567\,788\,041\,803\,860\,688\,820\,004\,550\,260\,300\,402\,413\,066\,699 \div \\
&\quad 857\,250\,885\,835\,883\,190\,251\,744\,\alpha^8 - \\
&1\,800\,793\,845\,221\,682\,764\,370\,267\,204\,039\,045\,918\,761\,488\,570\,608\,600\,857\,477\,315\,600\,795\,482\,046\,238 \div \\
&\quad 725\,675\,947\,220\,252\,907\,525\,608\,\alpha^9 - \\
&2\,229\,867\,486\,518\,672\,437\,623\,674\,293\,096\,624\,869\,684\,072\,139\,642\,255\,183\,268\,766\,615\,118\,875\,244\,427 \div \\
&\quad 763\,733\,715\,020\,763\,709\,435\,208\,\alpha^{10} - \\
&2\,445\,683\,758\,534\,265\,275\,037\,374\,372\,288\,976\,997\,309\,059\,235\,749\,333\,296\,240\,851\,662\,939\,994\,574\,538 \div \\
&\quad 932\,771\,814\,087\,014\,627\,112\,304\,\alpha^{11} - \\
&2\,395\,418\,887\,484\,803\,687\,988\,431\,360\,180\,252\,879\,178\,554\,138\,514\,004\,164\,734\,181\,510\,111\,078\,769\,268 \div \\
&\quad 112\,150\,310\,326\,264\,022\,410\,128\,\alpha^{12} - \\
&2\,109\,512\,830\,015\,866\,673\,001\,847\,345\,600\,940\,875\,857\,323\,553\,510\,441\,833\,218\,240\,520\,016\,959\,079\,679 \div \\
&\quad 963\,748\,620\,418\,858\,132\,921\,656\,\alpha^{13} - \\
&1\,679\,953\,795\,974\,367\,750\,279\,583\,284\,751\,983\,991\,806\,373\,934\,255\,173\,315\,380\,311\,224\,713\,254\,571\,810 \div \\
&\quad 353\,125\,701\,275\,186\,299\,136\,984\,\alpha^{14} - \\
&1\,215\,768\,466\,078\,801\,102\,983\,378\,746\,196\,889\,621\,732\,833\,281\,706\,532\,653\,574\,897\,958\,230\,696\,591\,733 \div \\
&\quad 990\,648\,266\,897\,595\,688\,589\,824\,\alpha^{15} - \\
&802\,906\,610\,390\,022\,977\,764\,556\,100\,868\,791\,019\,748\,877\,641\,419\,458\,166\,128\,663\,627\,626\,905\,542\,224 \div \\
&\quad 144\,577\,324\,649\,959\,555\,822\,240\,\alpha^{16} -
\end{aligned}
$$

$$485\,638\,204\,696\,005\,227\,090\,714\,013\,918\,395\,023\,728\,898\,254\,847\,227\,396\,881\,113\,900\,991\,702\,979\,821 \setminus 599\,936\,719\,276\,809\,882\,814\,072\,\alpha^{17} -$$
$$269\,872\,380\,157\,931\,601\,806\,205\,513\,203\,182\,978\,567\,354\,787\,153\,152\,395\,278\,116\,668\,206\,564\,001\,325 \setminus 707\,520\,398\,001\,192\,383\,650\,904\,\alpha^{18} -$$
$$138\,161\,964\,612\,698\,772\,315\,821\,821\,118\,379\,878\,581\,692\,498\,609\,206\,643\,741\,890\,412\,393\,030\,501\,142 \setminus 579\,932\,356\,800\,718\,304\,621\,360\,\alpha^{19} -$$
$$65\,318\,635\,219\,296\,155\,347\,871\,567\,042\,285\,237\,219\,714\,554\,922\,971\,293\,971\,581\,071\,104\,419\,821\,786 \setminus 271\,968\,602\,469\,346\,910\,742\,672\,\alpha^{20} -$$
$$28\,576\,268\,797\,098\,421\,596\,646\,297\,441\,245\,263\,614\,662\,168\,245\,963\,119\,956\,960\,683\,228\,269\,671\,389 \setminus 791\,334\,824\,496\,762\,458\,841\,928\,\alpha^{21} -$$
$$11\,589\,859\,437\,183\,095\,561\,710\,850\,714\,746\,303\,480\,679\,304\,019\,452\,893\,622\,547\,175\,809\,307\,990\,738 \setminus 722\,924\,169\,567\,361\,987\,804\,456\,\alpha^{22} -$$
$$4\,364\,509\,632\,826\,070\,549\,309\,734\,943\,002\,112\,400\,325\,955\,081\,801\,796\,571\,812\,286\,271\,190\,026\,412\,658 \setminus 971\,542\,877\,331\,544\,936\,064\,\alpha^{23} -$$
$$1\,528\,143\,903\,190\,722\,713\,136\,940\,242\,458\,679\,526\,227\,124\,161\,595\,344\,839\,845\,438\,699\,068\,018\,885\,238 \setminus 983\,477\,575\,644\,644\,346\,464\,\alpha^{24} -$$
$$498\,042\,445\,550\,180\,497\,896\,933\,826\,139\,027\,791\,440\,198\,529\,594\,549\,519\,155\,156\,209\,631\,744\,550\,132 \setminus 036\,176\,814\,951\,600\,609\,056\,\alpha^{25} -$$
$$151\,239\,541\,406\,196\,439\,943\,784\,165\,513\,778\,425\,616\,149\,300\,488\,406\,578\,795\,313\,952\,252\,337\,794\,767 \setminus 288\,783\,046\,263\,241\,923\,168\,\alpha^{26} -$$
$$42\,826\,452\,993\,007\,488\,322\,580\,048\,407\,220\,581\,735\,782\,071\,363\,972\,448\,391\,732\,206\,248\,105\,776\,632 \setminus 185\,307\,905\,186\,287\,440\,384\,\alpha^{27} -$$
$$11\,315\,900\,424\,211\,350\,313\,600\,126\,891\,360\,953\,961\,885\,877\,722\,537\,917\,118\,176\,973\,329\,457\,207\,052 \setminus 560\,541\,311\,634\,098\,293\,504\,\alpha^{28} -$$
$$2\,791\,347\,098\,393\,037\,506\,278\,008\,936\,648\,301\,670\,617\,125\,534\,314\,642\,762\,627\,749\,898\,750\,367\,421\,016 \setminus 031\,473\,148\,072\,175\,872\,\alpha^{29} -$$
$$643\,044\,674\,672\,427\,867\,473\,866\,516\,717\,819\,588\,300\,861\,991\,224\,976\,205\,669\,458\,979\,330\,930\,688\,310 \setminus 153\,749\,493\,954\,804\,736\,\alpha^{30} -$$
$$138\,377\,316\,829\,237\,251\,707\,888\,016\,485\,211\,782\,860\,761\,768\,640\,219\,516\,313\,645\,131\,870\,829\,045\,174 \setminus 801\,909\,013\,169\,959\,936\,\alpha^{31} -$$
$$27\,817\,549\,550\,313\,406\,912\,253\,441\,969\,365\,037\,747\,368\,116\,493\,841\,394\,525\,127\,187\,506\,845\,984\,931 \setminus 395\,248\,760\,058\,122\,240\,\alpha^{32} -$$
$$5\,223\,682\,371\,783\,799\,455\,775\,270\,264\,016\,937\,150\,318\,433\,684\,929\,092\,541\,764\,757\,834\,584\,053\,292\,253 \setminus 446\,859\,826\,655\,232\,\alpha^{33} -$$
$$916\,118\,450\,210\,791\,119\,006\,821\,124\,711\,541\,467\,099\,307\,495\,751\,178\,736\,890\,840\,487\,435\,625\,306\,935 \setminus 127\,069\,341\,065\,216\,\alpha^{34} -$$
$$150\,001\,101\,151\,868\,093\,889\,001\,664\,225\,732\,741\,036\,702\,945\,214\,856\,000\,974\,032\,938\,084\,478\,179\,528 \setminus 997\,796\,548\,001\,792\,\alpha^{35} -$$
$$22\,918\,800\,627\,561\,460\,526\,707\,824\,077\,969\,666\,381\,689\,306\,453\,360\,731\,540\,826\,757\,444\,374\,862\,747 \setminus 932\,160\,614\,465\,536\,\alpha^{36} -$$
$$3\,265\,601\,674\,950\,751\,133\,501\,754\,147\,572\,179\,445\,960\,887\,776\,866\,740\,160\,140\,285\,976\,821\,234\,344\,570 \setminus 229\,529\,640\,960\,\alpha^{37} -$$
$$433\,566\,943\,162\,019\,166\,381\,025\,305\,555\,814\,109\,690\,381\,654\,681\,578\,289\,001\,592\,699\,528\,506\,619\,276 \setminus 683\,943\,870\,464\,\alpha^{38} -$$
$$53\,584\,813\,349\,269\,855\,707\,231\,219\,132\,993\,260\,308\,325\,551\,307\,482\,381\,647\,909\,931\,404\,518\,343\,856 \setminus 779\,378\,032\,640\,\alpha^{39} -$$
$$6\,157\,543\,856\,618\,185\,046\,886\,985\,612\,654\,924\,148\,169\,429\,340\,670\,592\,027\,807\,595\,393\,374\,416\,434\,716 \setminus 368\,437\,248\,\alpha^{40} -$$
$$656\,976\,174\,741\,927\,462\,263\,297\,754\,123\,894\,375\,997\,193\,927\,739\,270\,320\,640\,262\,157\,013\,180\,572\,490 \setminus 522\,427\,392\,\alpha^{41} -$$
$$64\,977\,418\,706\,019\,265\,213\,187\,679\,596\,752\,737\,029\,483\,734\,517\,806\,385\,855\,141\,513\,040\,018\,924\,086 \setminus$$

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   161 833 984 α^42 −
 5 946 018 163 437 774 388 496 422 565 912 707 580 550 546 209 004 165 698 619 233 385 473 586 293 800 ÷
   697 856 α^43 −
 502 332 674 804 991 722 823 226 958 101 414 377 502 773 391 709 901 580 012 567 893 069 767 337 402 ÷
   433 536 α^44 −
 39 080 436 824 489 139 148 059 419 481 523 919 439 426 007 934 537 661 464 792 295 852 013 160 805 ÷
   433 344 α^45 −
 2 791 631 453 617 222 330 120 769 051 708 093 236 214 344 922 094 245 185 487 995 419 658 747 555 872 ÷
   768 α^46 −
 182 478 209 546 391 427 273 970 164 007 896 895 755 631 711 222 275 215 313 617 055 811 260 479 700 992
   α^47 −
 10 871 707 107 525 752 722 207 050 592 710 722 776 568 235 923 588 048 553 617 614 774 484 412 137 472
   α^48 −
 587 627 539 165 856 166 752 939 183 281 663 640 007 498 737 768 227 628 287 810 025 420 960 563 200
   α^49 −
 28 657 869 000 702 189 375 632 210 881 869 700 796 991 148 592 950 930 269 556 808 628 081 524 736
   α^50 −
 1 252 812 087 739 602 944 965 147 035 807 268 066 370 923 208 833 370 729 615 192 040 186 839 040 α^51 −
 48 708 667 875 263 201 655 037 077 373 570 350 162 307 738 938 656 178 897 032 737 531 625 472 α^52 −
 1 668 073 882 960 622 467 951 062 408 812 262 433 836 154 452 339 659 904 706 529 011 433 472 α^53 −
 49 714 920 837 547 683 704 505 596 103 176 945 628 980 417 399 295 013 289 014 276 915 200 α^54 −
 1 269 824 971 743 767 393 386 586 186 354 347 897 668 422 414 005 344 000 228 766 777 344 α^55 −
 27 238 839 389 343 913 170 512 898 267 154 268 475 546 508 565 186 271 661 925 597 184 α^56 −
 477 241 093 219 981 996 504 998 047 426 038 846 829 292 044 812 229 351 684 702 208 α^57 −
 6 558 566 321 814 653 795 599 548 764 602 291 576 013 675 761 876 796 285 386 752 α^58 −
 66 300 117 548 481 814 139 546 023 216 181 968 321 071 606 479 943 515 504 640 α^59 −
 438 367 087 367 414 272 209 048 831 077 957 496 989 551 581 658 569 768 960 α^60 −
 1 422 240 749 027 070 143 260 491 232 131 990 781 341 168 060 019 507 200 α^61) Seq[7 + α] +
(1 205 588 006 609 925 114 832 297 623 223 040 739 045 297 101 684 627 250 687 745 036 090 250 362 448 ÷
   448 061 440 000 000 +
 18 878 563 798 208 377 572 884 101 641 453 178 939 614 824 431 168 255 565 529 344 096 669 435 308 ÷
   304 438 919 168 000 000 α +
 143 775 942 157 204 992 278 071 579 422 477 901 174 700 717 188 479 933 659 152 226 921 551 262 126 ÷
   964 960 945 766 400 000 α^2 +
 710 432 312 507 808 996 265 263 712 032 602 180 112 929 262 041 972 850 926 481 127 346 744 682 659 ÷
   942 914 688 942 080 000 α^3 +
 2 563 340 985 936 026 008 353 404 294 654 572 709 002 361 460 134 700 537 473 468 295 409 759 755 456 ÷
   191 828 032 438 272 000 α^4 +
 7 206 013 958 682 336 737 462 560 101 637 976 963 259 127 610 213 412 549 419 791 736 178 761 775 864 ÷
   071 440 749 724 057 600 α^5 +
 16 444 048 153 079 090 284 534 296 193 988 449 388 348 784 770 276 807 297 506 080 717 415 947 620 ÷
   087 766 477 307 368 273 920 α^6 +
 31 335 815 271 977 235 229 287 178 644 662 936 471 102 470 115 340 447 414 297 300 365 532 115 595 ÷
   284 749 094 068 609 359 616 α^7 +
 50 907 136 145 508 143 559 100 792 051 001 043 803 583 203 327 841 003 612 107 356 754 905 342 825 ÷
   276 687 304 518 369 268 608 α^8 +
 71 625 767 711 549 617 153 489 488 914 897 993 131 865 833 589 340 089 567 237 890 599 711 955 623 ÷
   324 257 679 888 096 005 456 α^9 +
 88 367 960 287 190 108 805 866 104 380 635 999 594 624 327 061 817 988 805 842 015 782 592 622 444 ÷
   020 860 023 847 592 847 120 α^10 +
 96 557 903 950 395 514 065 272 008 858 142 986 140 359 094 329 198 934 968 849 885 456 721 809 953 ÷
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148 612 936 623 699 999 952 α^{11} +
94 211 186 515 047 018 135 760 504 853 399 168 486 782 588 507 171 722 901 986 138 556 390 185 622 ÷
377 224 057 404 014 320 548 α^{12} +
82 641 605 133 789 557 151 066 861 755 094 267 409 001 682 207 255 633 870 129 205 199 611 173 020 ÷
117 290 200 468 944 670 219 α^{13} +
65 549 878 312 816 962 525 925 440 880 501 308 474 051 568 911 983 171 322 141 670 184 441 147 091 ÷
238 416 642 461 693 789 280 α^{14} +
47 243 936 922 998 660 006 631 132 740 171 316 879 197 165 188 358 312 764 109 901 907 818 174 395 ÷
687 944 131 478 418 057 532 α^{15} +
31 070 181 214 130 210 984 904 914 877 794 674 194 422 221 150 082 242 955 058 568 482 394 118 195 ÷
754 846 884 597 058 583 830 α^{16} +
18 712 775 844 593 803 839 404 624 480 978 995 635 856 284 779 458 900 283 493 515 003 435 192 834 ÷
531 068 089 701 286 349 875 α^{17} +
10 353 653 871 458 824 976 907 964 292 563 057 750 784 575 508 325 885 503 342 741 488 413 802 851 ÷
564 866 874 120 876 219 378 α^{18} +
5 277 118 694 091 683 443 825 688 444 162 815 086 919 286 661 388 513 912 071 155 979 988 633 773 404 ÷
949 887 541 218 849 364 α^{19} +
2 483 602 197 305 199 855 016 458 726 784 093 971 926 229 134 580 308 964 666 382 965 752 779 243 744 ÷
228 545 546 173 907 816 α^{20} +
1 081 559 701 541 257 642 280 422 281 937 625 417 917 647 425 080 641 176 747 493 456 370 090 485 047 ÷
576 661 524 676 401 613 α^{21} +
436 602 975 837 681 977 080 342 100 229 952 254 505 046 293 510 347 862 755 291 133 159 001 544 333 ÷
819 109 294 191 170 268 α^{22} +
163 633 058 440 371 769 621 345 766 456 493 686 908 707 825 273 164 507 508 543 709 926 350 288 456 ÷
649 136 363 848 888 972 α^{23} +
57 015 170 826 048 130 761 179 975 159 308 333 612 414 357 129 827 952 515 822 670 521 843 862 192 ÷
418 794 970 879 871 942 α^{24} +
18 490 413 076 781 959 623 729 307 385 844 263 618 897 124 033 895 685 488 932 038 300 717 635 170 ÷
961 924 687 544 452 185 α^{25} +
5 586 800 245 071 862 601 639 401 743 468 631 705 384 885 136 516 403 196 055 683 038 526 430 566 141 ÷
396 591 717 740 474 α^{26} +
1 573 949 649 415 007 992 530 222 425 112 001 089 583 054 610 367 362 245 377 382 133 535 659 738 977 ÷
787 501 385 182 388 α^{27} +
413 725 335 660 736 939 813 934 895 361 723 667 666 361 607 328 706 922 383 002 545 030 114 650 317 ÷
068 601 627 029 368 α^{28} +
101 518 307 226 261 121 581 314 182 876 948 931 852 436 939 639 001 746 122 631 418 448 081 677 963 ÷
315 668 803 835 180 α^{29} +
23 261 748 421 499 368 834 369 233 468 281 246 037 047 240 234 366 135 713 354 653 908 565 985 613 ÷
251 800 925 257 288 α^{30} +
4 978 515 396 892 079 377 753 165 878 454 876 827 077 050 300 181 472 046 799 102 874 302 473 537 689 ÷
455 193 184 896 α^{31} +
995 291 975 634 106 259 169 885 367 816 509 178 268 612 191 284 757 951 505 158 759 862 785 674 394 ÷
728 630 484 704 α^{32} +
185 852 280 933 309 516 974 982 042 852 479 852 502 585 178 077 333 090 869 747 414 228 804 738 449 ÷
730 231 455 488 α^{33} +
32 408 949 289 955 036 898 439 782 683 909 496 262 569 838 556 934 018 631 148 254 091 396 822 351 ÷
668 923 330 048 α^{34} +
5 275 850 763 124 670 770 911 123 562 984 469 075 881 132 217 839 562 006 385 632 820 348 065 761 914 ÷
757 213 440 α^{35} +
801 377 368 453 717 124 954 858 982 044 518 320 305 779 367 382 023 314 724 307 356 447 488 668 553 ÷
713 358 848 α^{36} +

$$113\,505\,726\,485\,668\,580\,068\,653\,688\,767\,531\,097\,705\,721\,510\,840\,692\,337\,435\,836\,771\,178\,016\,840\,443 \div 647\,309\,824\,\alpha^{37} +$$
$$14\,978\,978\,065\,584\,043\,077\,074\,524\,837\,012\,876\,018\,239\,456\,681\,452\,452\,781\,373\,196\,106\,241\,583\,586 \div 169\,409\,536\,\alpha^{38} +$$
$$1\,839\,929\,247\,097\,765\,675\,318\,217\,640\,781\,094\,055\,190\,749\,779\,680\,710\,640\,674\,547\,031\,148\,784\,827\,313 \div 913\,856\,\alpha^{39} +$$
$$210\,117\,411\,078\,936\,784\,065\,458\,949\,261\,577\,006\,869\,690\,932\,834\,810\,461\,210\,753\,473\,723\,704\,312\,557 \div 584\,384\,\alpha^{40} +$$
$$22\,277\,212\,542\,506\,278\,172\,894\,762\,764\,301\,621\,156\,709\,645\,904\,551\,023\,768\,260\,996\,059\,938\,349\,176 \div 389\,632\,\alpha^{41} +$$
$$2\,189\,231\,962\,382\,840\,738\,871\,773\,761\,625\,457\,539\,197\,879\,538\,652\,651\,500\,287\,675\,154\,019\,821\,100\,859 \div 392\,\alpha^{42} +$$
$$199\,037\,482\,571\,784\,754\,850\,960\,405\,638\,919\,817\,852\,840\,268\,791\,228\,294\,923\,411\,187\,155\,608\,398\,594\,048\,\alpha^{43} +$$
$$16\,704\,766\,608\,663\,658\,322\,132\,838\,861\,232\,055\,209\,660\,955\,708\,632\,636\,353\,088\,492\,303\,341\,259\,849\,728\,\alpha^{44} +$$
$$1\,290\,950\,488\,274\,410\,604\,875\,843\,936\,180\,988\,891\,624\,908\,131\,615\,982\,200\,603\,037\,327\,317\,620\,490\,240\,\alpha^{45} +$$
$$91\,594\,651\,157\,398\,317\,890\,940\,664\,825\,164\,478\,469\,289\,064\,471\,329\,326\,313\,447\,789\,150\,085\,840\,896\,\alpha^{46} +$$
$$5\,946\,280\,163\,779\,137\,827\,913\,635\,301\,502\,948\,149\,534\,430\,739\,718\,487\,720\,147\,492\,025\,596\,379\,136\,\alpha^{47} +$$
$$351\,815\,291\,074\,727\,418\,664\,128\,855\,044\,619\,378\,198\,062\,611\,284\,983\,715\,981\,830\,910\,161\,977\,344\,\alpha^{48} +$$
$$18\,882\,601\,015\,490\,796\,818\,251\,744\,707\,060\,259\,348\,032\,694\,178\,599\,792\,452\,349\,916\,803\,497\,984\,\alpha^{49} +$$
$$914\,336\,771\,691\,933\,124\,176\,908\,350\,624\,151\,284\,836\,524\,565\,442\,621\,703\,022\,271\,185\,027\,072\,\alpha^{50} +$$
$$39\,683\,554\,623\,524\,130\,611\,053\,847\,342\,670\,583\,254\,550\,232\,315\,511\,774\,370\,185\,401\,597\,952\,\alpha^{51} +$$
$$1\,531\,626\,101\,467\,230\,283\,272\,699\,249\,641\,686\,858\,472\,499\,904\,649\,182\,512\,712\,230\,371\,328\,\alpha^{52} +$$
$$52\,064\,657\,453\,975\,701\,008\,421\,660\,247\,933\,598\,057\,239\,714\,898\,136\,418\,136\,147\,099\,648\,\alpha^{53} +$$
$$1\,540\,121\,132\,489\,721\,060\,172\,296\,970\,833\,634\,008\,666\,839\,151\,561\,497\,425\,741\,873\,152\,\alpha^{54} +$$
$$39\,040\,140\,745\,707\,911\,514\,215\,333\,185\,642\,613\,280\,980\,531\,991\,198\,210\,906\,390\,528\,\alpha^{55} +$$
$$831\,025\,411\,732\,381\,629\,844\,677\,880\,991\,084\,918\,763\,355\,572\,846\,379\,004\,854\,272\,\alpha^{56} +$$
$$14\,447\,089\,608\,827\,128\,572\,684\,249\,116\,761\,624\,972\,645\,597\,258\,138\,785\,939\,456\,\alpha^{57} +$$
$$196\,982\,090\,437\,860\,164\,230\,369\,210\,349\,942\,303\,157\,025\,710\,699\,158\,962\,176\,\alpha^{58} +$$
$$1\,975\,448\,505\,205\,205\,173\,182\,215\,268\,444\,525\,750\,424\,857\,701\,850\,808\,320\,\alpha^{59} +$$
$$12\,956\,302\,273\,280\,491\,059\,558\,459\,199\,355\,293\,118\,093\,579\,287\,265\,280\,\alpha^{60} +$$
$$41\,693\,267\,736\,487\,750\,447\,364\,306\,758\,090\,724\,124\,682\,459\,545\,600\,\alpha^{61}\Big)\,\text{Seq}[8+\alpha]$$