

```

In[1]:= n[b1_, c1_] := (
  d = (4718 - 66 b1 - 37 c1) / 5;
  If[d == Floor[d],
    L = x y z^d t2^b1 t3^c1;
    Do[
      L = PolynomialMod[
        x t3 ((L - PolynomialMod[L, z^29]) / z^28) + x y t3 (Coefficient[L, x, 3])
        + x t2 ((L - PolynomialMod[L, y^2]) / y) +
        x y t2 Coefficient[(L - PolynomialMod[L, z^48]) / (z^47), x, 1], 2]
      , 58 - b1 - c1],
  Print["(", 57 - b1 - c1, ",", b1, ",", c1, ")にpeak は無い"]; L = 0];
L)

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In[2]:= m0004 = n[0, 4] /. {t2 -> 1, x -> 1, y -> 1};
m0009 = n[0, 9] /. {t2 -> 1, x -> 1, y -> 1};
m0014 = n[0, 14] /. {t2 -> 1, x -> 1, y -> 1};
m0019 = n[0, 19] /. {t2 -> 1, x -> 1, y -> 1};
m0024 = n[0, 24] /. {t2 -> 1, x -> 1, y -> 1};
m0029 = n[0, 29] /. {t2 -> 1, x -> 1, y -> 1};
m0034 = n[0, 34] /. {t2 -> 1, x -> 1, y -> 1};
m0039 = n[0, 39] /. {t2 -> 1, x -> 1, y -> 1};
m0044 = n[0, 44] /. {t2 -> 1, x -> 1, y -> 1};
m0049 = n[0, 49] /. {t2 -> 1, x -> 1, y -> 1};
m0054 = n[0, 54] /. {t2 -> 1, x -> 1, y -> 1};
m0101 = n[1, 1] /. {t2 -> 1, x -> 1, y -> 1};
m0106 = n[1, 6] /. {t2 -> 1, x -> 1, y -> 1};
m0111 = n[1, 11] /. {t2 -> 1, x -> 1, y -> 1};
m0116 = n[1, 16] /. {t2 -> 1, x -> 1, y -> 1};
m0121 = n[1, 21] /. {t2 -> 1, x -> 1, y -> 1};
m0126 = n[1, 26] /. {t2 -> 1, x -> 1, y -> 1};
m0131 = n[1, 31] /. {t2 -> 1, x -> 1, y -> 1};
m0136 = n[1, 36] /. {t2 -> 1, x -> 1, y -> 1};
m0141 = n[1, 41] /. {t2 -> 1, x -> 1, y -> 1};
m0146 = n[1, 46] /. {t2 -> 1, x -> 1, y -> 1};
m0151 = n[1, 51] /. {t2 -> 1, x -> 1, y -> 1};
m0156 = n[1, 56] /. {t2 -> 1, x -> 1, y -> 1};
m0203 = n[2, 3] /. {t2 -> 1, x -> 1, y -> 1};
m0208 = n[2, 8] /. {t2 -> 1, x -> 1, y -> 1};
m0213 = n[2, 13] /. {t2 -> 1, x -> 1, y -> 1};
m0218 = n[2, 18] /. {t2 -> 1, x -> 1, y -> 1};
m0223 = n[2, 23] /. {t2 -> 1, x -> 1, y -> 1};
m0228 = n[2, 28] /. {t2 -> 1, x -> 1, y -> 1};

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m0233 = n[2, 33] /. {t2 → 1, x → 1, y → 1};
m0238 = n[2, 38] /. {t2 → 1, x → 1, y → 1};
m0243 = n[2, 43] /. {t2 → 1, x → 1, y → 1};
m0248 = n[2, 48] /. {t2 → 1, x → 1, y → 1};
m0253 = n[2, 53] /. {t2 → 1, x → 1, y → 1};
m0300 = n[3, 0] /. {t2 → 1, x → 1, y → 1};
m0305 = n[3, 5] /. {t2 → 1, x → 1, y → 1};
m0310 = n[3, 10] /. {t2 → 1, x → 1, y → 1};
m0315 = n[3, 15] /. {t2 → 1, x → 1, y → 1};
m0320 = n[3, 20] /. {t2 → 1, x → 1, y → 1};
m0325 = n[3, 25] /. {t2 → 1, x → 1, y → 1};
m0330 = n[3, 30] /. {t2 → 1, x → 1, y → 1};
m0335 = n[3, 35] /. {t2 → 1, x → 1, y → 1};
m0340 = n[3, 40] /. {t2 → 1, x → 1, y → 1};
m0345 = n[3, 45] /. {t2 → 1, x → 1, y → 1};
m0350 = n[3, 50] /. {t2 → 1, x → 1, y → 1};
m0402 = n[4, 2] /. {t2 → 1, x → 1, y → 1};
m0407 = n[4, 7] /. {t2 → 1, x → 1, y → 1};
m0412 = n[4, 12] /. {t2 → 1, x → 1, y → 1};
m0417 = n[4, 17] /. {t2 → 1, x → 1, y → 1};
m0422 = n[4, 22] /. {t2 → 1, x → 1, y → 1};
m0427 = n[4, 27] /. {t2 → 1, x → 1, y → 1};
m0432 = n[4, 32] /. {t2 → 1, x → 1, y → 1};
m0437 = n[4, 37] /. {t2 → 1, x → 1, y → 1};
m0442 = n[4, 42] /. {t2 → 1, x → 1, y → 1};
m0447 = n[4, 47] /. {t2 → 1, x → 1, y → 1};
m0452 = n[4, 52] /. {t2 → 1, x → 1, y → 1};
m0504 = n[5, 4] /. {t2 → 1, x → 1, y → 1};
m0509 = n[5, 9] /. {t2 → 1, x → 1, y → 1};
m0514 = n[5, 14] /. {t2 → 1, x → 1, y → 1};
m0519 = n[5, 19] /. {t2 → 1, x → 1, y → 1};
m0524 = n[5, 24] /. {t2 → 1, x → 1, y → 1};
m0529 = n[5, 29] /. {t2 → 1, x → 1, y → 1};
m0534 = n[5, 34] /. {t2 → 1, x → 1, y → 1};
m0539 = n[5, 39] /. {t2 → 1, x → 1, y → 1};
m0544 = n[5, 44] /. {t2 → 1, x → 1, y → 1};
m0549 = n[5, 49] /. {t2 → 1, x → 1, y → 1};
m0601 = n[6, 1] /. {t2 → 1, x → 1, y → 1};
m0606 = n[6, 6] /. {t2 → 1, x → 1, y → 1};
m0611 = n[6, 11] /. {t2 → 1, x → 1, y → 1};
m0616 = n[6, 16] /. {t2 → 1, x → 1, y → 1};
m0621 = n[6, 21] /. {t2 → 1, x → 1, y → 1};
m0626 = n[6, 26] /. {t2 → 1, x → 1, y → 1};
m0631 = n[6, 31] /. {t2 → 1, x → 1, y → 1};
m0636 = n[6, 36] /. {t2 → 1, x → 1, y → 1};
m0641 = n[6, 41] /. {t2 → 1, x → 1, y → 1};
m0646 = n[6, 46] /. {t2 → 1, x → 1, y → 1};
m0651 = n[6, 51] /. {t2 → 1, x → 1, y → 1};
m0703 = n[7, 3] /. {t2 → 1, x → 1, y → 1};
m0708 = n[7, 8] /. {t2 → 1, x → 1, y → 1};

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m0713 = n[7, 13] /. {t2 → 1, x → 1, y → 1};
m0718 = n[7, 18] /. {t2 → 1, x → 1, y → 1};
m0723 = n[7, 23] /. {t2 → 1, x → 1, y → 1};
m0728 = n[7, 28] /. {t2 → 1, x → 1, y → 1};
m0733 = n[7, 33] /. {t2 → 1, x → 1, y → 1};
m0738 = n[7, 38] /. {t2 → 1, x → 1, y → 1};
m0743 = n[7, 43] /. {t2 → 1, x → 1, y → 1};
m0748 = n[7, 48] /. {t2 → 1, x → 1, y → 1};
m0800 = n[8, 0] /. {t2 → 1, x → 1, y → 1};
m0805 = n[8, 5] /. {t2 → 1, x → 1, y → 1};
m0810 = n[8, 10] /. {t2 → 1, x → 1, y → 1};
m0815 = n[8, 15] /. {t2 → 1, x → 1, y → 1};
m0820 = n[8, 20] /. {t2 → 1, x → 1, y → 1};
m0825 = n[8, 25] /. {t2 → 1, x → 1, y → 1};
m0830 = n[8, 30] /. {t2 → 1, x → 1, y → 1};
m0835 = n[8, 35] /. {t2 → 1, x → 1, y → 1};
m0840 = n[8, 40] /. {t2 → 1, x → 1, y → 1};
m0845 = n[8, 45] /. {t2 → 1, x → 1, y → 1};
m0902 = n[9, 2] /. {t2 → 1, x → 1, y → 1};
m0907 = n[9, 7] /. {t2 → 1, x → 1, y → 1};
m0912 = n[9, 12] /. {t2 → 1, x → 1, y → 1};
m0917 = n[9, 17] /. {t2 → 1, x → 1, y → 1};
m0922 = n[9, 22] /. {t2 → 1, x → 1, y → 1};
m0927 = n[9, 27] /. {t2 → 1, x → 1, y → 1};
m0932 = n[9, 32] /. {t2 → 1, x → 1, y → 1};
m0937 = n[9, 37] /. {t2 → 1, x → 1, y → 1};
m0942 = n[9, 42] /. {t2 → 1, x → 1, y → 1};
m0947 = n[9, 47] /. {t2 → 1, x → 1, y → 1};
m1004 = n[10, 4] /. {t2 → 1, x → 1, y → 1};
m1009 = n[10, 9] /. {t2 → 1, x → 1, y → 1};
m1014 = n[10, 14] /. {t2 → 1, x → 1, y → 1};
m1019 = n[10, 19] /. {t2 → 1, x → 1, y → 1};
m1024 = n[10, 24] /. {t2 → 1, x → 1, y → 1};
m1029 = n[10, 29] /. {t2 → 1, x → 1, y → 1};
m1034 = n[10, 34] /. {t2 → 1, x → 1, y → 1};
m1039 = n[10, 39] /. {t2 → 1, x → 1, y → 1};
m1044 = n[10, 44] /. {t2 → 1, x → 1, y → 1};
m1101 = n[11, 1] /. {t2 → 1, x → 1, y → 1};
m1106 = n[11, 6] /. {t2 → 1, x → 1, y → 1};
m1111 = n[11, 11] /. {t2 → 1, x → 1, y → 1};
m1116 = n[11, 16] /. {t2 → 1, x → 1, y → 1};
m1121 = n[11, 21] /. {t2 → 1, x → 1, y → 1};
m1126 = n[11, 26] /. {t2 → 1, x → 1, y → 1};
m1131 = n[11, 31] /. {t2 → 1, x → 1, y → 1};
m1136 = n[11, 36] /. {t2 → 1, x → 1, y → 1};
m1141 = n[11, 41] /. {t2 → 1, x → 1, y → 1};
m1146 = n[11, 46] /. {t2 → 1, x → 1, y → 1};
m1203 = n[12, 3] /. {t2 → 1, x → 1, y → 1};
m1208 = n[12, 8] /. {t2 → 1, x → 1, y → 1};
m1213 = n[12, 13] /. {t2 → 1, x → 1, y → 1};

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m1218 = n[12, 18] /. {t2 → 1, x → 1, y → 1};
m1223 = n[12, 23] /. {t2 → 1, x → 1, y → 1};
m1228 = n[12, 28] /. {t2 → 1, x → 1, y → 1};
m1233 = n[12, 33] /. {t2 → 1, x → 1, y → 1};
m1238 = n[12, 38] /. {t2 → 1, x → 1, y → 1};
m1243 = n[12, 43] /. {t2 → 1, x → 1, y → 1};
m1300 = n[13, 0] /. {t2 → 1, x → 1, y → 1};
m1305 = n[13, 5] /. {t2 → 1, x → 1, y → 1};
m1310 = n[13, 10] /. {t2 → 1, x → 1, y → 1};
m1315 = n[13, 15] /. {t2 → 1, x → 1, y → 1};
m1320 = n[13, 20] /. {t2 → 1, x → 1, y → 1};
m1325 = n[13, 25] /. {t2 → 1, x → 1, y → 1};
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m1335 = n[13, 35] /. {t2 → 1, x → 1, y → 1};
m1340 = n[13, 40] /. {t2 → 1, x → 1, y → 1};
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m1407 = n[14, 7] /. {t2 → 1, x → 1, y → 1};
m1412 = n[14, 12] /. {t2 → 1, x → 1, y → 1};
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m1422 = n[14, 22] /. {t2 → 1, x → 1, y → 1};
m1427 = n[14, 27] /. {t2 → 1, x → 1, y → 1};
m1432 = n[14, 32] /. {t2 → 1, x → 1, y → 1};
m1437 = n[14, 37] /. {t2 → 1, x → 1, y → 1};
m1442 = n[14, 42] /. {t2 → 1, x → 1, y → 1};
m1504 = n[15, 4] /. {t2 → 1, x → 1, y → 1};
m1509 = n[15, 9] /. {t2 → 1, x → 1, y → 1};
m1514 = n[15, 14] /. {t2 → 1, x → 1, y → 1};
m1519 = n[15, 19] /. {t2 → 1, x → 1, y → 1};
m1524 = n[15, 24] /. {t2 → 1, x → 1, y → 1};
m1529 = n[15, 29] /. {t2 → 1, x → 1, y → 1};
m1534 = n[15, 34] /. {t2 → 1, x → 1, y → 1};
m1539 = n[15, 39] /. {t2 → 1, x → 1, y → 1};
m1601 = n[16, 1] /. {t2 → 1, x → 1, y → 1};
m1606 = n[16, 6] /. {t2 → 1, x → 1, y → 1};
m1611 = n[16, 11] /. {t2 → 1, x → 1, y → 1};
m1616 = n[16, 16] /. {t2 → 1, x → 1, y → 1};
m1621 = n[16, 21] /. {t2 → 1, x → 1, y → 1};
m1626 = n[16, 26] /. {t2 → 1, x → 1, y → 1};
m1631 = n[16, 31] /. {t2 → 1, x → 1, y → 1};
m1636 = n[16, 36] /. {t2 → 1, x → 1, y → 1};
m1641 = n[16, 41] /. {t2 → 1, x → 1, y → 1};
m1703 = n[17, 3] /. {t2 → 1, x → 1, y → 1};
m1708 = n[17, 8] /. {t2 → 1, x → 1, y → 1};
m1713 = n[17, 13] /. {t2 → 1, x → 1, y → 1};
m1718 = n[17, 18] /. {t2 → 1, x → 1, y → 1};
m1723 = n[17, 23] /. {t2 → 1, x → 1, y → 1};
m1728 = n[17, 28] /. {t2 → 1, x → 1, y → 1};
m1733 = n[17, 33] /. {t2 → 1, x → 1, y → 1};
m1738 = n[17, 38] /. {t2 → 1, x → 1, y → 1};
m1800 = n[18, 0] /. {t2 → 1, x → 1, y → 1};

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m1805 = n[18, 5] /. {t2 → 1, x → 1, y → 1};
m1810 = n[18, 10] /. {t2 → 1, x → 1, y → 1};
m1815 = n[18, 15] /. {t2 → 1, x → 1, y → 1};
m1820 = n[18, 20] /. {t2 → 1, x → 1, y → 1};
m1825 = n[18, 25] /. {t2 → 1, x → 1, y → 1};
m1830 = n[18, 30] /. {t2 → 1, x → 1, y → 1};
m1835 = n[18, 35] /. {t2 → 1, x → 1, y → 1};
m1902 = n[19, 2] /. {t2 → 1, x → 1, y → 1};
m1907 = n[19, 7] /. {t2 → 1, x → 1, y → 1};
m1912 = n[19, 12] /. {t2 → 1, x → 1, y → 1};
m1917 = n[19, 17] /. {t2 → 1, x → 1, y → 1};
m1922 = n[19, 22] /. {t2 → 1, x → 1, y → 1};
m1927 = n[19, 27] /. {t2 → 1, x → 1, y → 1};
m1932 = n[19, 32] /. {t2 → 1, x → 1, y → 1};
m1937 = n[19, 37] /. {t2 → 1, x → 1, y → 1};
m2004 = n[20, 4] /. {t2 → 1, x → 1, y → 1};
m2009 = n[20, 9] /. {t2 → 1, x → 1, y → 1};
m2014 = n[20, 14] /. {t2 → 1, x → 1, y → 1};
m2019 = n[20, 19] /. {t2 → 1, x → 1, y → 1};
m2024 = n[20, 24] /. {t2 → 1, x → 1, y → 1};
m2029 = n[20, 29] /. {t2 → 1, x → 1, y → 1};
m2034 = n[20, 34] /. {t2 → 1, x → 1, y → 1};
m2101 = n[21, 1] /. {t2 → 1, x → 1, y → 1};
m2106 = n[21, 6] /. {t2 → 1, x → 1, y → 1};
m2111 = n[21, 11] /. {t2 → 1, x → 1, y → 1};
m2116 = n[21, 16] /. {t2 → 1, x → 1, y → 1};
m2121 = n[21, 21] /. {t2 → 1, x → 1, y → 1};
m2126 = n[21, 26] /. {t2 → 1, x → 1, y → 1};
m2131 = n[21, 31] /. {t2 → 1, x → 1, y → 1};
m2136 = n[21, 36] /. {t2 → 1, x → 1, y → 1};
m2203 = n[22, 3] /. {t2 → 1, x → 1, y → 1};
m2208 = n[22, 8] /. {t2 → 1, x → 1, y → 1};
m2213 = n[22, 13] /. {t2 → 1, x → 1, y → 1};
m2218 = n[22, 18] /. {t2 → 1, x → 1, y → 1};
m2223 = n[22, 23] /. {t2 → 1, x → 1, y → 1};
m2228 = n[22, 28] /. {t2 → 1, x → 1, y → 1};
m2233 = n[22, 33] /. {t2 → 1, x → 1, y → 1};
m2300 = n[23, 0] /. {t2 → 1, x → 1, y → 1};
m2305 = n[23, 5] /. {t2 → 1, x → 1, y → 1};
m2310 = n[23, 10] /. {t2 → 1, x → 1, y → 1};
m2315 = n[23, 15] /. {t2 → 1, x → 1, y → 1};
m2320 = n[23, 20] /. {t2 → 1, x → 1, y → 1};
m2325 = n[23, 25] /. {t2 → 1, x → 1, y → 1};
m2330 = n[23, 30] /. {t2 → 1, x → 1, y → 1};
m2402 = n[24, 2] /. {t2 → 1, x → 1, y → 1};
m2407 = n[24, 7] /. {t2 → 1, x → 1, y → 1};
m2412 = n[24, 12] /. {t2 → 1, x → 1, y → 1};
m2417 = n[24, 17] /. {t2 → 1, x → 1, y → 1};
m2422 = n[24, 22] /. {t2 → 1, x → 1, y → 1};
m2427 = n[24, 27] /. {t2 → 1, x → 1, y → 1};

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m2432 = n[24, 32] /. {t2 → 1, x → 1, y → 1};
m2504 = n[25, 4] /. {t2 → 1, x → 1, y → 1};
m2509 = n[25, 9] /. {t2 → 1, x → 1, y → 1};
m2514 = n[25, 14] /. {t2 → 1, x → 1, y → 1};
m2519 = n[25, 19] /. {t2 → 1, x → 1, y → 1};
m2524 = n[25, 24] /. {t2 → 1, x → 1, y → 1};
m2529 = n[25, 29] /. {t2 → 1, x → 1, y → 1};
m2601 = n[26, 1] /. {t2 → 1, x → 1, y → 1};
m2606 = n[26, 6] /. {t2 → 1, x → 1, y → 1};
m2611 = n[26, 11] /. {t2 → 1, x → 1, y → 1};
m2616 = n[26, 16] /. {t2 → 1, x → 1, y → 1};
m2621 = n[26, 21] /. {t2 → 1, x → 1, y → 1};
m2626 = n[26, 26] /. {t2 → 1, x → 1, y → 1};
m2631 = n[26, 31] /. {t2 → 1, x → 1, y → 1};
m2703 = n[27, 3] /. {t2 → 1, x → 1, y → 1};
m2708 = n[27, 8] /. {t2 → 1, x → 1, y → 1};
m2713 = n[27, 13] /. {t2 → 1, x → 1, y → 1};
m2718 = n[27, 18] /. {t2 → 1, x → 1, y → 1};
m2723 = n[27, 23] /. {t2 → 1, x → 1, y → 1};
m2728 = n[27, 28] /. {t2 → 1, x → 1, y → 1};
m2800 = n[28, 0] /. {t2 → 1, x → 1, y → 1};
m2805 = n[28, 5] /. {t2 → 1, x → 1, y → 1};
m2810 = n[28, 10] /. {t2 → 1, x → 1, y → 1};
m2815 = n[28, 15] /. {t2 → 1, x → 1, y → 1};
m2820 = n[18, 20] /. {t2 → 1, x → 1, y → 1};
m2825 = n[28, 25] /. {t2 → 1, x → 1, y → 1};
m2902 = n[29, 2] /. {t2 → 1, x → 1, y → 1};
m2907 = n[29, 7] /. {t2 → 1, x → 1, y → 1};
m2912 = n[29, 12] /. {t2 → 1, x → 1, y → 1};
m2917 = n[29, 17] /. {t2 → 1, x → 1, y → 1};
m2922 = n[29, 22] /. {t2 → 1, x → 1, y → 1};
m2927 = n[29, 27] /. {t2 → 1, x → 1, y → 1};
m3004 = n[30, 4] /. {t2 → 1, x → 1, y → 1};
m3009 = n[30, 9] /. {t2 → 1, x → 1, y → 1};
m3014 = n[30, 14] /. {t2 → 1, x → 1, y → 1};
m3019 = n[30, 19] /. {t2 → 1, x → 1, y → 1};
m3024 = n[30, 24] /. {t2 → 1, x → 1, y → 1};
m3101 = n[31, 1] /. {t2 → 1, x → 1, y → 1};
m3106 = n[31, 6] /. {t2 → 1, x → 1, y → 1};
m3111 = n[31, 11] /. {t2 → 1, x → 1, y → 1};
m3116 = n[31, 16] /. {t2 → 1, x → 1, y → 1};
m3121 = n[31, 21] /. {t2 → 1, x → 1, y → 1};
m3126 = n[31, 26] /. {t2 → 1, x → 1, y → 1};
m3203 = n[32, 3] /. {t2 → 1, x → 1, y → 1};
m3208 = n[32, 8] /. {t2 → 1, x → 1, y → 1};
m3213 = n[32, 13] /. {t2 → 1, x → 1, y → 1};
m3218 = n[32, 18] /. {t2 → 1, x → 1, y → 1};
m3223 = n[32, 23] /. {t2 → 1, x → 1, y → 1};
m3300 = n[33, 0] /. {t2 → 1, x → 1, y → 1};
m3305 = n[33, 5] /. {t2 → 1, x → 1, y → 1};

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m3310 = n[33, 10] /. {t2 → 1, x → 1, y → 1};
m3315 = n[33, 15] /. {t2 → 1, x → 1, y → 1};
m3320 = n[33, 20] /. {t2 → 1, x → 1, y → 1};
m3402 = n[34, 2] /. {t2 → 1, x → 1, y → 1};
m3407 = n[34, 7] /. {t2 → 1, x → 1, y → 1};
m3412 = n[34, 12] /. {t2 → 1, x → 1, y → 1};
m3417 = n[34, 17] /. {t2 → 1, x → 1, y → 1};
m3422 = n[34, 22] /. {t2 → 1, x → 1, y → 1};
m3504 = n[35, 4] /. {t2 → 1, x → 1, y → 1};
m3509 = n[35, 9] /. {t2 → 1, x → 1, y → 1};
m3514 = n[35, 14] /. {t2 → 1, x → 1, y → 1};
m3519 = n[35, 19] /. {t2 → 1, x → 1, y → 1};
m3601 = n[36, 1] /. {t2 → 1, x → 1, y → 1};
m3606 = n[36, 6] /. {t2 → 1, x → 1, y → 1};
m3611 = n[36, 11] /. {t2 → 1, x → 1, y → 1};
m3616 = n[36, 16] /. {t2 → 1, x → 1, y → 1};
m3621 = n[36, 21] /. {t2 → 1, x → 1, y → 1};
m3703 = n[37, 3] /. {t2 → 1, x → 1, y → 1};
m3708 = n[37, 8] /. {t2 → 1, x → 1, y → 1};
m3713 = n[37, 13] /. {t2 → 1, x → 1, y → 1};
m3718 = n[37, 18] /. {t2 → 1, x → 1, y → 1};
m3800 = n[38, 0] /. {t2 → 1, x → 1, y → 1};
m3805 = n[38, 5] /. {t2 → 1, x → 1, y → 1};
m3810 = n[38, 10] /. {t2 → 1, x → 1, y → 1};
m3815 = n[38, 15] /. {t2 → 1, x → 1, y → 1};
m3902 = n[39, 2] /. {t2 → 1, x → 1, y → 1};
m3907 = n[39, 7] /. {t2 → 1, x → 1, y → 1};
m3912 = n[39, 12] /. {t2 → 1, x → 1, y → 1};
m3917 = n[39, 17] /. {t2 → 1, x → 1, y → 1};
m4004 = n[40, 4] /. {t2 → 1, x → 1, y → 1};
m4009 = n[40, 9] /. {t2 → 1, x → 1, y → 1};
m4014 = n[40, 14] /. {t2 → 1, x → 1, y → 1};
m4101 = n[41, 1] /. {t2 → 1, x → 1, y → 1};
m4106 = n[41, 6] /. {t2 → 1, x → 1, y → 1};
m4111 = n[41, 11] /. {t2 → 1, x → 1, y → 1};
m4116 = n[41, 16] /. {t2 → 1, x → 1, y → 1};
m4203 = n[42, 3] /. {t2 → 1, x → 1, y → 1};
m4208 = n[42, 8] /. {t2 → 1, x → 1, y → 1};
m4213 = n[42, 13] /. {t2 → 1, x → 1, y → 1};
m4300 = n[43, 0] /. {t2 → 1, x → 1, y → 1};
m4305 = n[43, 5] /. {t2 → 1, x → 1, y → 1};
m4310 = n[43, 10] /. {t2 → 1, x → 1, y → 1};
m4402 = n[44, 2] /. {t2 → 1, x → 1, y → 1};
m4407 = n[44, 7] /. {t2 → 1, x → 1, y → 1};
m4412 = n[44, 12] /. {t2 → 1, x → 1, y → 1};
m4504 = n[45, 4] /. {t2 → 1, x → 1, y → 1};
m4509 = n[45, 9] /. {t2 → 1, x → 1, y → 1};
m4601 = n[46, 1] /. {t2 → 1, x → 1, y → 1};
m4606 = n[46, 6] /. {t2 → 1, x → 1, y → 1};
m4611 = n[46, 11] /. {t2 → 1, x → 1, y → 1};

```

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m4703 = n[47, 3] /. {t2 -> 1, x -> 1, y -> 1};
m4708 = n[47, 8] /. {t2 -> 1, x -> 1, y -> 1};
m4800 = n[48, 0] /. {t2 -> 1, x -> 1, y -> 1};
m4805 = n[48, 5] /. {t2 -> 1, x -> 1, y -> 1};
m4902 = n[49, 2] /. {t2 -> 1, x -> 1, y -> 1};
m4907 = n[49, 7] /. {t2 -> 1, x -> 1, y -> 1};
m5004 = n[50, 4] /. {t2 -> 1, x -> 1, y -> 1};
m5101 = n[51, 1] /. {t2 -> 1, x -> 1, y -> 1};
m5106 = n[51, 6] /. {t2 -> 1, x -> 1, y -> 1};
m5203 = n[52, 3] /. {t2 -> 1, x -> 1, y -> 1};
m5300 = n[53, 0] /. {t2 -> 1, x -> 1, y -> 1};
m5402 = n[54, 2] /. {t2 -> 1, x -> 1, y -> 1};
m5601 = n[56, 1] /. {t2 -> 1, x -> 1, y -> 1}

```

Out[322]= $t_3 z^{150} + t_3^2 z^{169}$

```

In[323]:= M = m0004 c0004 + m0009 c0009 + m0014 c0014 + m0019 c0019 + m0024 c0024 + m0029 c0029 +
m0034 c0034 + m0039 c0039 + m0044 c0044 + m0049 c0049 + m0054 c0054 + m0101 c0101 +
m0106 c0106 + m0111 c0111 + m0116 c0116 + m0121 c0121 + m0126 c0126 + m0131 c0131 +
m0136 c0136 + m0141 c0141 + m0146 c0146 + m0151 c0151 + m0156 c0156 + m0203 c0203 +
m0208 c0208 + m0213 c0213 + m0218 c0218 + m0223 c0223 + m0228 c0228 + m0233 c0233 +
m0238 c0238 + m0243 c0243 + m0248 c0248 + m0253 c0253 + m0300 c0300 + m0305 c0305 +
m0310 c0310 + m0315 c0315 + m0320 c0320 + m0325 c0325 + m0330 c0330 + m0335 c0335 +
m0340 c0340 + m0345 c0345 + m0350 c0350 + m0402 c0402 + m0407 c0407 + m0412 c0412 +
m0417 c0417 + m0422 c0422 + m0427 c0427 + m0432 c0432 + m0437 c0437 + m0442 c0442 +
m0447 c0447 + m0452 c0452 + m0504 c0504 + m0509 c0509 + m0514 c0514 + m0519 c0519 +
m0524 c0524 + m0529 c0529 + m0534 c0534 + m0539 c0539 + m0544 c0544 + m0549 c0549 +
m0601 c0601 + m0606 c0606 + m0611 c0611 + m0616 c0616 + m0621 c0621 +
m0626 c0626 + m0631 c0631 + m0636 c0636 + m0641 c0641 + m0646 c0646 + m0651 c0651 +
m0703 c0703 + m0708 c0708 + m0713 c0713 + m0718 c0718 + m0723 c0723 + m0728 c0728 +
m0733 c0733 + m0738 c0738 + m0743 c0743 + m0748 c0748 + m0800 c0800 + m0805 c0805 +
m0810 c0810 + m0815 c0815 + m0820 c0820 + m0825 c0825 + m0830 c0830 + m0835 c0835 +
m0840 c0840 + m0845 c0845 + m0902 c0902 + m0907 c0907 + m0912 c0912 + m0917 c0917 +
m0922 c0922 + m0927 c0927 + m0932 c0932 + m0937 c0937 + m0942 c0942 + m0947 c0947 +
m1004 c1004 + m1009 c1009 + m1014 c1014 + m1019 c1019 + m1024 c1024 + m1029 c1029 +
m1034 c1034 + m1039 c1039 + m1044 c1044 + m1101 c1101 + m1106 c1106 + m1111 c1111 +
m1116 c1116 + m1121 c1121 + m1126 c1126 + m1131 c1131 + m1136 c1136 + m1141 c1141 +
m1146 c1146 + m1203 c1203 + m1208 c1208 + m1213 c1213 + m1218 c1218 + m1223 c1223 +
m1228 c1228 + m1233 c1233 + m1238 c1238 + m1243 c1243 + m1300 c1300 + m1305 c1305 +
m1310 c1310 + m1315 c1315 + m1320 c1320 + m1325 c1325 + m1330 c1330 + m1335 c1335 +
m1340 c1340 + m1402 c1402 + m1407 c1407 + m1412 c1412 + m1417 c1417 + m1422 c1422 +
m1427 c1427 + m1432 c1432 + m1437 c1437 + m1442 c1442 + m1504 c1504 + m1509 c1509 +
m1514 c1514 + m1519 c1519 + m1524 c1524 + m1529 c1529 + m1534 c1534 + m1539 c1539 +
m1601 c1601 + m1606 c1606 + m1611 c1611 + m1616 c1616 + m1621 c1621 + m1626 c1626 +
m1631 c1631 + m1636 c1636 + m1641 c1641 + m1703 c1703 + m1708 c1708 + m1713 c1713 +
m1718 c1718 + m1723 c1723 + m1728 c1728 + m1733 c1733 + m1738 c1738 + m1800 c1800 +
m1805 c1805 + m1810 c1810 + m1815 c1815 + m1820 c1820 + m1825 c1825 + m1830 c1830 +
m1835 c1835 + m1902 c1902 + m1907 c1907 + m1912 c1912 + m1917 c1917 + m1922 c1922 +
m1927 c1927 + m1932 c1932 + m1937 c1937 + m2004 c2004 + m2009 c2009 + m2014 c2014 +
m2019 c2019 + m2024 c2024 + m2029 c2029 + m2034 c2034 + m2101 c2101 + m2106 c2106 +

```


$m_{2111} c_{2111} + m_{2116} c_{2116} + m_{2121} c_{2121} + m_{2126} c_{2126} + m_{2131} c_{2131} + m_{2136} c_{2136} +$
 $m_{2203} c_{2203} + m_{2208} c_{2208} + m_{2213} c_{2213} + m_{2218} c_{2218} + m_{2223} c_{2223} + m_{2228} c_{2228} +$
 $m_{2233} c_{2233} + m_{2300} c_{2300} + m_{2305} c_{2305} + m_{2310} c_{2310} + m_{2315} c_{2315} + m_{2320} c_{2320} +$
 $m_{2325} c_{2325} + m_{2330} c_{2330} + m_{2402} c_{2402} + m_{2407} c_{2407} + m_{2412} c_{2412} + m_{2417} c_{2417} +$
 $m_{2422} c_{2422} + m_{2427} c_{2427} + m_{2432} c_{2432} + m_{2504} c_{2504} + m_{2509} c_{2509} + m_{2514} c_{2514} +$
 $m_{2519} c_{2519} + m_{2524} c_{2524} + m_{2529} c_{2529} + m_{2601} c_{2601} + m_{2606} c_{2606} + m_{2611} c_{2611} +$
 $m_{2616} c_{2616} + m_{2621} c_{2621} + m_{2626} c_{2626} + m_{2631} c_{2631} + m_{2703} c_{2703} + m_{2708} c_{2708} +$
 $m_{2713} c_{2713} + m_{2718} c_{2718} + m_{2723} c_{2723} + m_{2728} c_{2728} + m_{2800} c_{2800} + m_{2805} c_{2805} +$
 $m_{2810} c_{2810} + m_{2815} c_{2815} + m_{2820} c_{2820} + m_{2825} c_{2825} + m_{2902} c_{2902} + m_{2907} c_{2907} +$
 $m_{2912} c_{2912} + m_{2917} c_{2917} + m_{2922} c_{2922} + m_{2927} c_{2927} + m_{3004} c_{3004} + m_{3009} c_{3009} +$
 $m_{3014} c_{3014} + m_{3019} c_{3019} + m_{3024} c_{3024} + m_{3101} c_{3101} + m_{3106} c_{3106} + m_{3111} c_{3111} +$
 $m_{3116} c_{3116} + m_{3121} c_{3121} + m_{3126} c_{3126} + m_{3203} c_{3203} + m_{3208} c_{3208} + m_{3213} c_{3213} +$
 $m_{3218} c_{3218} + m_{3223} c_{3223} + m_{3300} c_{3300} + m_{3305} c_{3305} + m_{3310} c_{3310} + m_{3315} c_{3315} +$
 $m_{3320} c_{3320} + m_{3402} c_{3402} + m_{3407} c_{3407} + m_{3412} c_{3412} + m_{3417} c_{3417} + m_{3422} c_{3422} +$
 $m_{3504} c_{3504} + m_{3509} c_{3509} + m_{3514} c_{3514} + m_{3519} c_{3519} + m_{3601} c_{3601} + m_{3606} c_{3606} +$
 $m_{3611} c_{3611} + m_{3616} c_{3616} + m_{3621} c_{3621} + m_{3703} c_{3703} + m_{3708} c_{3708} + m_{3713} c_{3713} +$
 $m_{3718} c_{3718} + m_{3800} c_{3800} + m_{3805} c_{3805} + m_{3810} c_{3810} + m_{3815} c_{3815} + m_{3902} c_{3902} +$
 $m_{3907} c_{3907} + m_{3912} c_{3912} + m_{3917} c_{3917} + m_{4004} c_{4004} + m_{4009} c_{4009} + m_{4014} c_{4014} +$
 $m_{4101} c_{4101} + m_{4106} c_{4106} + m_{4111} c_{4111} + m_{4116} c_{4116} + m_{4203} c_{4203} + m_{4208} c_{4208} +$
 $m_{4213} c_{4213} + m_{4300} c_{4300} + m_{4305} c_{4305} + m_{4310} c_{4310} + m_{4402} c_{4402} + m_{4407} c_{4407} +$
 $m_{4412} c_{4412} + m_{4504} c_{4504} + m_{4509} c_{4509} + m_{4601} c_{4601} + m_{4606} c_{4606} + m_{4611} c_{4611} +$
 $m_{4703} c_{4703} + m_{4708} c_{4708} + m_{4800} c_{4800} + m_{4805} c_{4805} + m_{4902} c_{4902} + m_{4907} c_{4907} +$
 $m_{5004} c_{5004} + m_{5106} c_{5106} + m_{5203} c_{5203} + m_{5300} c_{5300} + m_{5402} c_{5402} + m_{5601} c_{5601}$

Out[323]=

$c_{0902} (t^3 z^2 + t^3 z^2 + t^3 z^{11} + t^3 z^{11} + t^3 z^{30} + t^3 z^{30} + t^3 z^{58} + t^3 z^{58} + t^3 z^{58}) +$
 $c_{0703} (t^3 z^2 + t^3 z^2 + t^3 z^{21} + t^3 z^{21} +$
 $t^3 z^{30} + t^3 z^{30} + t^3 z^{49} + t^3 z^{77} + t^3 z^{77} + t^3 z^{77}) +$
 $c_{0800} (t^3 z^2 + t^3 z^{11} + t^3 z^{11} + t^3 z^{30} + t^3 z^{30} + t^3 z^{39} + t^3 z^{39} +$
 $t^3 z^{58} + t^3 z^{58} + t^3 z^{86} + t^3 z^{86} + t^3 z^{86}) + \dots 335 \dots +$
 $c_{0253} (t^3 z^{384} + t^3 z^{403} + t^3 z^{422} + t^3 z^{431} + t^3 z^{441} + t^3 z^{469}) +$
 $c_{0054} (t^3 z^{356} + t^3 z^{375} + t^3 z^{394} + t^3 z^{403} + t^3 z^{413} + t^3 z^{432} +$
 $t^3 z^{441} + t^3 z^{450} + t^3 z^{460} + t^3 z^{488}) + c_{0156} (t^3 z^{469} + t^3 z^{488})$

大きい出力

表示を少なく

もっと表示

すべて表示

大きさ制限の設定...

```
In[324]:= L = {};
```

```
Do[L = Union[L, CoefficientList[Coefficient[M, t3, i], z]], {i, 0, 58}];
```

[反...](#) [和集合](#) [係数リスト](#) [係数](#)

```
GroebnerBasis[L,
```

[グレブナー基底](#)

```
{c0004, c0009, c0014, c0019, c0024, c0029, c0034, c0039, c0044, c0049, c0054,
c0101, c0106, c0111, c0116, c0121, c0126, c0131, c0136, c0141, c0146,
c0151, c0156, c0203, c0208, c0213, c0218, c0223, c0228, c0233, c0238, c0243,
c0248, c0253, c0300, c0305, c0310, c0315, c0320, c0325, c0330, c0335,
c0340, c0345, c0350, c0402, c0407, c0412, c0417, c0422, c0427, c0432, c0437,
c0442, c0447, c0452, c0504, c0509, c0514, c0519, c0524, c0529, c0534, c0539,
c0544, c0549, c0601, c0606, c0611, c0616, c0621, c0626, c0631, c0636,
c0641, c0646, c0651, c0703, c0708, c0713, c0718, c0723, c0728, c0733,
c0738, c0743, c0748, c0800, c0805, c0810, c0815, c0820, c0825, c0830, c0835,
c0840, c0845, c0902, c0907, c0912, c0917, c0922, c0927, c0932, c0937, c0942,
c0947, c1004, c1009, c1014, c1019, c1024, c1029, c1034, c1039, c1044, c1101,
c1106, c1111, c1116, c1121, c1126, c1131, c1136, c1141, c1146, c1203,
c1208, c1213, c1218, c1223, c1228, c1233, c1238, c1243, c1300, c1305,
c1310, c1315, c1320, c1325, c1330, c1335, c1340, c1402, c1407, c1412,
c1417, c1422, c1427, c1432, c1437, c1442, c1504, c1509, c1514, c1519, c1524,
c1529, c1534, c1539, c1601, c1606, c1611, c1616, c1621, c1626, c1631,
c1636, c1641, c1703, c1708, c1713, c1718, c1723, c1728, c1733, c1738,
c1800, c1805, c1810, c1815, c1820, c1825, c1830, c1835, c1902, c1907,
c1912, c1917, c1922, c1927, c1932, c1937, c2004, c2009, c2014, c2019, c2024,
c2029, c2034, c2101, c2106, c2111, c2116, c2121, c2126, c2131, c2136,
c2203, c2208, c2213, c2218, c2223, c2228, c2233, c2300, c2305, c2310,
c2315, c2320, c2325, c2330, c2402, c2407, c2412, c2417, c2422, c2427, c2432,
c2504, c2509, c2514, c2519, c2524, c2529, c2601, c2606, c2611, c2616,
c2621, c2626, c2631, c2703, c2708, c2713, c2718, c2723, c2728, c2800,
c2805, c2810, c2815, c2820, c2825, c2902, c2907, c2912, c2917, c2922,
c2927, c3004, c3009, c3014, c3019, c3024, c3101, c3106, c3111, c3116, c3121,
c3126, c3203, c3208, c3213, c3218, c3223, c3300, c3305, c3310, c3315,
c3320, c3402, c3407, c3412, c3417, c3422, c3504, c3509, c3514, c3519,
c3601, c3606, c3611, c3616, c3621, c3703, c3708, c3713, c3718, c3800,
c3805, c3810, c3815, c3902, c3907, c3912, c3917, c4004, c4009, c4014,
c4101, c4106, c4111, c4116, c4203, c4208, c4213, c4300, c4305, c4310, c4402,
c4407, c4412, c4504, c4509, c4601, c4606, c4611, c4703, c4708, c4800,
c4805, c4902, c4907, c5004, c5106, c5203, c5300, c5402, c5601}, Modulus -> 2]
```

[法](#)

```

Out[324]= {c5601, c5402, c5300, c5203, c5106, c5004, c4907, c4902, c4805, c4800, c4708, c4703,
c4611, c4606, c4601, c4509, c4504, c4412, c4407, c4402, c4310, c4305, c4300, c4213,
c4208, c4203, c4116, c4111, c4106, c4101, c4014, c4009, c4004, c3917, c3912, c3907,
c3902, c3815, c3810, c3805, c3800, c3718, c3713, c3708, c3703, c3621, c3616, c3611,
c3606, c3601, c3519, c3514, c3509, c3504, c3422, c3417, c3412, c3407, c3402, c3320,
c3315, c3310, c3305, c3300, c3223, c3218, c3213, c3208, c3203, c3126, c3121, c3116,
c3111, c3106, c3101, c3024, c3019, c3014, c3009, c3004, c2927, c2922, c2917, c2912,
c2907, c2902, c2825, c2815, c2810, c2805, c2800, c2728, c2723, c2718, c2713, c2708,
c2703, c2631, c2626, c2621, c2616, c2611, c2606, c2601, c2529, c2524, c2519, c2514,
c2509, c2504, c2432, c2427, c2422, c2417, c2412, c2407, c2402, c2330, c2325, c2320,
c2315, c2310, c2305, c2300, c2233, c2228, c2223, c2218, c2213, c2208, c2203, c2136,
c2131, c2126, c2121, c2116, c2111, c2106, c2101, c2034, c2029, c2024, c2019, c2014,
c2009, c2004, c1937, c1932, c1927, c1922, c1917, c1912, c1907, c1902, c1835, c1830,
c1825, c1820, c1820, c1815, c1810, c1805, c1800, c1738, c1733, c1728, c1723,
c1718, c1713, c1708, c1703, c1641, c1636, c1631, c1626, c1621, c1616, c1611, c1606,
c1601, c1539, c1534, c1529, c1524, c1519, c1514, c1509, c1504, c1442, c1437, c1432,
c1427, c1422, c1417, c1412, c1407, c1402, c1340, c1335, c1330, c1325, c1320, c1315,
c1310, c1305, c1300, c1243, c1238, c1233, c1228, c1223, c1218, c1213, c1208, c1203,
c1146, c1141, c1136, c1131, c1126, c1121, c1116, c1111, c1106, c1101, c1044, c1039,
c1034, c1029, c1024, c1019, c1014, c1009, c1004, c0947, c0942, c0937, c0932, c0927,
c0922, c0917, c0912, c0907, c0902, c0845, c0840, c0835, c0830, c0825, c0820, c0815,
c0810, c0805, c0800, c0748, c0743, c0738, c0733, c0728, c0723, c0718, c0713, c0708,
c0703, c0651, c0646, c0641, c0636, c0631, c0626, c0621, c0616, c0611, c0606, c0601,
c0549, c0544, c0539, c0534, c0529, c0524, c0519, c0514, c0509, c0504, c0452,
c0447, c0442, c0437, c0432, c0427, c0422, c0417, c0412, c0407, c0402, c0350,
c0345, c0340, c0335, c0330, c0325, c0320, c0315, c0310, c0305, c0300, c0253,
c0248, c0243, c0238, c0233, c0228, c0223, c0218, c0213, c0208, c0203, c0156,
c0151, c0146, c0141, c0136, c0131, c0126, c0121, c0116, c0111, c0106, c0101,
c0054, c0049, c0044, c0039, c0034, c0029, c0024, c0019, c0014, c0009, c0004}

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