

ON THE EA-CLASSES OF KNOWN APN FUNCTIONS IN SMALL DIMENSIONS

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ABSTRACT. Recently Budaghyan, Calderini and Villa (2018) introduced a procedure for investigating if CCZ-equivalence can be more general than EA-equivalence together with inverse transformation (when applicable). In this paper, we show that it is possible to use this procedure for classifying, up to EA-equivalence, all known APN functions in dimension 6. We also give some discussion for dimension 7, 8 and 9. In particular, in these cases it is possible to give an upper bound on the EA-classes contained in the CCZ-classes of the known APN functions.

Keywords: EA-equivalence; CCZ-equivalence; Boolean functions; APN

MSC: 94A60, 06E30, 11T71

1. INTRODUCTION

Symmetric cryptographic primitives and in particular block ciphers use substitution boxes (in brief, S-boxes) to bring “confusion” into the systems. Such confusion is necessary to prevent known attacks.

Given n and m two positive integers, the functions from \mathbb{F}_{2^n} to \mathbb{F}_{2^m} are called vectorial Boolean functions. Such functions are used as S-boxes in the design of block ciphers.

Among the properties that these functions have to satisfy we have a low differential uniformity (see definitions in Section 2) to allow resistance to the differential attack [2] and high nonlinearity to resist the linear attack [17]. The lowest differential uniformity for a vectorial Boolean function is 2. Functions reaching such lower bound are called Almost Perfect Nonlinear (APN).

The APN property (in general the differential uniformity) is preserved by different forms of equivalences between (vectorial) Boolean functions, such as EA-equivalence and CCZ-equivalence. Since EA-equivalence is a particular case of CCZ-equivalence, it is possible to partition the space of all functions $\mathbb{F}_{2^n} \rightarrow \mathbb{F}_{2^m}$ into CCZ-equivalence classes and then partition each CCZ-equivalence class into EA-equivalence classes. For brevity, we will refer to these as “EA-class” and “CCZ-class”. It was shown by Budaghyan et al. [3] that for quadratic APN functions CCZ-equivalence is more general than EA-equivalence together with taking inverses of permutations. In [8] the authors investigate further the relation between CCZ-equivalence and EA-equivalence with inverse transformation. While, in [9] the authors give a characterization of CCZ-equivalence in terms of twisting functions. Despite this, CCZ-equivalence is not yet fully well understood and, to the best of our knowledge, partitioning the CCZ-class of a function into its EA-classes is an hard task.

Classification of APN functions is, as well, a hard open problem. Complete classification for APN functions over \mathbb{F}_{2^n} is known only for $n \leq 5$ [5], and for $n = 6$ the CCZ-classification of APN functions with algebraic degree at most 3 is known [14]. In [5] the authors give a classification of the APN functions up to EA-equivalence and CCZ-equivalence. For the case of $n = 6$, the classification of the known APN functions is given only up to CCZ-equivalence. The classification up to EA-equivalence is not known.

In this work, we use the procedure introduced in [8] to investigating the EA-classes contained in a CCZ-class of a given function. In order to do that, in Section 3 we give some propositions that can be used to improve the the procedure given in [8] and filter some of the results obtained from this procedure. We also

obtain that the number of EA-classes contained in the CCZ-class of a function F is upper bounded by the number of simplex codes contained in a linear code associated to F .

In Section 4, we discuss relations between the different equivalence concepts for vectorial Boolean functions and code equivalence. We also introduce a new linear code that can be defined for the case of bijective maps that can be used to verify affine equivalence between two permutations.

For the case $n = 6$, in Section 5, we are able to give all the EA-classes of the known APN functions. We also studied further the case of the only APN permutation in even dimension [7]. For such a function we give the representatives of the EA-classes which contain a permutation and we also give the representatives of the affine classes (containing a permutation).

In Section 6, we extend our study also to dimension 7, 8 and 9 (for this last case we focus only on non-Gold APN power functions). In these dimensions checking EA-equivalence, which is based on some code equivalence, requires an amount of computing which is huge, but we are able to give an upper bound on the number of EA-classes. Moreover, for the case of non-Gold APN power functions we can determine the exact number of the EA-classes.

2. PRELIMINARIES

Let $n \geq 2$, we denote by \mathbb{F}_{2^n} the finite field with 2^n elements, by $\mathbb{F}_{2^n}^*$ its multiplicative group and by $\mathbb{F}_{2^n}[x]$ the polynomial ring defined over \mathbb{F}_{2^n} . Any function $F : \mathbb{F}_{2^n} \rightarrow \mathbb{F}_{2^n}$ can be represented as a univariate polynomial of degree at most $2^n - 1$ in $\mathbb{F}_{2^n}[x]$, that is

$$F(x) = \sum_{i=0}^{2^n-1} c_i x^i, \quad c_i \in \mathbb{F}_{2^n}.$$

For any $i, 0 \leq i \leq 2^n - 1$, the *2-weight* of i is the (Hamming) weight of its binary representation. The algebraic degree of a function F is equal to the maximum 2-weight of the exponent i such that $c_i \neq 0$. Functions of algebraic degree 1 are called *affine* and of degree 2 *quadratic*. Linear functions are affine functions without the constant term and they can be represented as $L(x) = \sum_{i=0}^{n-1} c_i x^{2^i}$. We denote the *trace* function by

$$Tr(x) = x + x^2 + \cdots + x^{2^{n-1}},$$

Let $\lambda \in \mathbb{F}_{2^n}^*$ and F be a function from \mathbb{F}_{2^n} to itself, the λ -component of F is the Boolean function $F_\lambda : \mathbb{F}_{2^n} \rightarrow \mathbb{F}_2$ with $F_\lambda(x) = Tr(\lambda F(x))$.

For any function $F : \mathbb{F}_{2^n} \rightarrow \mathbb{F}_{2^n}$ we denote the *Walsh transform* in $a, b \in \mathbb{F}_{2^n}$ by

$$\mathcal{W}_F(a, b) = \sum_{x \in \mathbb{F}_{2^n}} (-1)^{Tr(ax + bF(x))}.$$

For any Boolean function $f : \mathbb{F}_{2^n} \rightarrow \mathbb{F}_2$ the Walsh transform in $a \in \mathbb{F}_{2^n}$ is given by

$$\mathcal{W}_f(a) = \sum_{x \in \mathbb{F}_{2^n}} (-1)^{Tr(ax) + f(x)}.$$

The *Walsh spectrum* of a function F is the set of all possible values of the Walsh transform. The Walsh spectrum of a (vectorial) Boolean function F is strictly related to the notion of nonlinearity of F , denoted by $\mathcal{NL}(F)$, indeed we have

$$\mathcal{NL}(F) = 2^{n-1} - \frac{1}{2} \max_{a \in \mathbb{F}_{2^n}, b \in \mathbb{F}_{2^n}^*} |\mathcal{W}_F(a, b)|.$$

If $\mathcal{W}_f(0) = 0$ then the Boolean function is called balanced. For any function $F : \mathbb{F}_{2^n} \rightarrow \mathbb{F}_{2^n}$ it is well known that F is a bijection if and only if all its component functions are balanced.

The concept of differential uniformity of a function F is related to the number of solutions of the equation $F(x+a) + F(x) = b$ for $a \in \mathbb{F}_{2^n}^*$ and $b \in \mathbb{F}_{2^n}$.

Definition 2.1. For a function F from \mathbb{F}_{2^n} to itself, and any $a \in \mathbb{F}_{2^n}^*$ and $b \in \mathbb{F}_{2^n}$, we denote by $\delta_F(a, b)$ the number of solutions of the equation $F(x+a) + F(x) = b$. The maximum value δ among the $\delta_F(a, b)$'s is called the differential uniformity of F , and F is said to be differentially δ -uniform. A function F is called almost perfect nonlinear (APN) if $\delta = 2$.

There are several equivalence relations of functions for which the differential uniformity (and thus the APN property) is preserved. Two functions F and F' from \mathbb{F}_{2^n} to itself are called:

- *affine equivalent* if $F' = A_1 \circ F \circ A_2$ where the mappings $A_1, A_2 : \mathbb{F}_{2^n} \rightarrow \mathbb{F}_{2^n}$ are affine permutations;
- *extended affine equivalent* (EA-equivalent) if $F' = F'' + A$, where the mappings $A : \mathbb{F}_{2^n} \rightarrow \mathbb{F}_{2^n}$ is affine and F'' is affine equivalent to F ;
- *Carlet-Charpin-Zinoviev equivalent* (CCZ-equivalent) if for some affine permutation \mathcal{L} of $\mathbb{F}_{2^n} \times \mathbb{F}_{2^n}$ the image of the graph of F is the graph of F' , that is, $\mathcal{L}(G_F) = G_{F'}$, where $G_F = \{(x, F(x)) : x \in \mathbb{F}_{2^n}\}$ and $G_{F'} = \{(x, F'(x)) : x \in \mathbb{F}_{2^n}\}$.

Obviously, the affine equivalence is included in EA-equivalence, and it is also well known that EA-equivalence is a particular case of CCZ-equivalence and every permutation is CCZ-equivalent to its inverse [10].

3. PROPERTIES AND REMARKS ON THE CCZ-EQUIVALENCE

In this section we will recall the procedure given in [8] and give some remarks and properties regarding CCZ-equivalence that will be useful in the investigation of the EA-classes contained in a CCZ-class.

Since we are interested in the EA-classes, without loss of generality, we assume that the affine permutation in the definition of CCZ-equivalence is linear. Indeed, using affine permutations instead of linear one we simply obtain a shift by a constant in the input and output of the resulting function (see for instance [8]).

Lemma 3.1 ([8]). *Let $L_1, L_2 : (\mathbb{F}_{2^n})^2 \rightarrow \mathbb{F}_{2^n}$ be linear maps and $a, b \in \mathbb{F}_{2^n}$, such that $\mathcal{L}(x, y) = (L_1(x, y) + a, L_2(x, y) + b)$ is a permutation. Let F and F' be CCZ-equivalent functions such that \mathcal{L} maps the graph of F to the graph of F' . Then the linear part \mathcal{L}' of \mathcal{L} maps the graph of F to the graph of $F''(x) = F'(x+a) + b$.*

A linear map \mathcal{L} defined over $(\mathbb{F}_{2^n})^2$ can be described as a formal matrix

$$\mathcal{L} = \begin{bmatrix} A_1 & A_2 \\ A_3 & A_4 \end{bmatrix}$$

where A_i are linear maps over \mathbb{F}_{2^n} for $1 \leq i \leq 4$, and

$$\mathcal{L}(x, y) = \begin{bmatrix} A_1 & A_2 \\ A_3 & A_4 \end{bmatrix} \cdot \begin{bmatrix} x \\ y \end{bmatrix} = (A_1(x) + A_2(y), A_3(x) + A_4(y)).$$

In particular,

$$(1) \quad F_1(x) = L_1(x, F(x)) = A_1(x) + A_2 \circ F(x)$$

and

$$(2) \quad F_2(x) = L_2(x, F(x)) = A_3(x) + A_4 \circ F(x).$$

From the definition of CCZ-equivalence we have that a linear permutation \mathcal{L} is *admissible* for producing a CCZ-equivalent function from F if and only if $F_1(x)$ is a permutation. In terms of Walsh coefficients we have the following observation.

Observation 3.2 ([8]). The function F_1 in (1) is a permutation if and only if all its component are balanced, that is

$$\mathscr{W}_{F_1}(0, \lambda) = \sum_{x \in \mathbb{F}_{2^n}} (-1)^{\text{Tr}(\lambda A_1(x) + \lambda A_2 \circ F(x))} = 0, \quad \text{for all } \lambda \in \mathbb{F}_{2^n}^*.$$

Denoting by L^* the adjoint operator of a linear map L (i.e. $\text{Tr}(yL(x)) = \text{Tr}(xL^*(y))$ for all $x, y \in \mathbb{F}_{2^n}$), we have

$$(3) \quad \mathscr{W}_{F_1}(0, \lambda) = \sum_{x \in \mathbb{F}_{2^n}} (-1)^{\text{Tr}(A_1^*(\lambda)x + A_2^*(\lambda)F(x))} = \mathscr{W}_F(A_1^*(\lambda), A_2^*(\lambda)) = \mathscr{W}_{F_{A_2^*(\lambda)}}(A_1^*(\lambda)) = 0.$$

In [8], the authors introduce a procedure that permits to investigate the relation between CCZ-equivalence and EA-equivalence together with the inverse transformation (when applicable). Using this procedure it is possible, at least in small dimensions, to investigate the EA-classes contained in the CCZ-class of a given function.

The procedure given in [8] is useful for constructing linear permutations

$$\mathscr{L} = \begin{bmatrix} A_1 & A_2 \\ A_3 & A_4 \end{bmatrix}$$

mapping the graph of F onto the graph of another function F' . In particular, the procedure constructs the linear functions A_1 and A_2 defined over \mathbb{F}_{2^n} so that $F_1(x) = L_1(x, F(x)) = A_1(x) + A_2 \circ F(x)$ is a permutation. Indeed, if we are able to construct L_1 with such a property, then it is always possible to determine L_2 in order to have \mathscr{L} a linear permutation.

We are focusing on the EA-classes that are contained in the CCZ-class of some given function F . In the following, we will show some properties that permit to determine whether from two admissible permutation \mathscr{L} and \mathscr{L}' we can obtain EA-equivalent functions.

Remark 3.3 (Remark 2 in [3]). For a function $F : \mathbb{F}_{2^n} \rightarrow \mathbb{F}_{2^n}$, if $\mathscr{L} = (L_1, L_2)$ and $\mathscr{L}' = (L_1, L_2')$ are permutations such that the function $L_1(x, F(x))$ is a permutation, then the functions defined by the graphs $\mathscr{L}(G_F)$ and $\mathscr{L}'(G_F)$ are EA-equivalent.

This means that for all possible L_1 , for covering the EA-classes of a given function F , we need to construct a single L_2 .

Remark 3.3 can be easily extended with the following proposition.

Proposition 3.4. *Let F be a function over \mathbb{F}_{2^n} and let*

$$\mathscr{L} = \begin{bmatrix} A_1 & A_2 \\ A_3 & A_4 \end{bmatrix}, \quad \mathscr{L}' = \begin{bmatrix} A_1' & A_2' \\ A_3' & A_4' \end{bmatrix}$$

be two linear permutations over $(\mathbb{F}_{2^n})^2$ such that $F_1(x) = L_1(x, F(x)) = A_1(x) + A_2 \circ F(x)$ and $F_1'(x) = L_1'(x, F(x)) = A_1'(x) + A_2' \circ F(x)$ are permutations. If $L_1'(x, y) = L \circ L_1(x, y)$ for some linear permutation L , then the functions defined by the graphs $\mathscr{L}(G_F)$ and $\mathscr{L}'(G_F)$ are EA-equivalent.

Proof. Let $L_2(x, y) = A_3(x) + A_4(y)$. Since $L_1'(x, y) = L \circ L_1(x, y)$ then also $\mathscr{L}'' = (L_1', L_2)$ is a linear permutation and from Remark 3.3 we have that the functions defined by the graphs $\mathscr{L}'(G_F)$ and $\mathscr{L}''(G_F)$ are EA-equivalent.

Now,

$$\mathscr{L}'' = \begin{bmatrix} L & 0 \\ 0 & I \end{bmatrix} \cdot \mathscr{L},$$

where I is the identity map, which implies that the functions defined by the graphs $\mathscr{L}(G_F)$ and $\mathscr{L}''(G_F)$ are affine equivalent. \square

We will show, now the procedure introduced in [8]. From now on, we consider a fixed basis $\{\beta_1, \dots, \beta_n\}$ of \mathbb{F}_{2^n} as vector space over \mathbb{F}_2 .

For any $\lambda \in \mathbb{F}_{2^n}$ we define the set

$$\mathcal{Z}\mathcal{W}(\lambda) = \{a \in \mathbb{F}_{2^n} : \mathcal{W}_{F_\lambda}(a) = 0\}.$$

Then we can define the following set

$$(4) \quad S_F = \{\lambda \in \mathbb{F}_{2^n}^* : \mathcal{Z}\mathcal{W}(\lambda) \neq \emptyset\} \cup \{0\}.$$

Note that if $L_1(x, y)$ is such that $F_1(x) = L_1(x, F(x)) = A_1(x) + A_2 \circ F(x)$ is a permutation then $\text{Im}(A_2^*) \subseteq S_F$. So, any subspace U in S_F could be a possible candidate for $\text{Im}(A_2^*)$.

Along this section we will denote by $\text{Span}(v_1, \dots, v_m)$ the vector (sub)space over \mathbb{F}_2 generated by the elements $v_1, \dots, v_m \in \mathbb{F}_{2^n}$.

Procedure 3.5 ([8]).

Let $U \subseteq S_F$ be a subspace of dimension k . Let $\{u_1, \dots, u_k\}$ be a fixed basis of U . Let A_2 be such that $A_2^*(\beta_i) = u_i$ if $1 \leq i \leq k$ and $A_2^*(\beta_i) = 0$ if $k+1 \leq i \leq n$.

For any $u \in U \setminus \{0\}$ we consider the set $\mathcal{Z}\mathcal{W}(u)$, as defined before. To construct A_1 we need to determine the images, with the adjoint operator A_1^* , of the vectors β_i 's. In order to do that, we need to select any possible k -tuple $a_1 \in \mathcal{Z}\mathcal{W}(u_1), \dots, a_k \in \mathcal{Z}\mathcal{W}(u_k)$ such that

(P1) $\sum_{i=1}^k \lambda_i a_i \in \mathcal{Z}\mathcal{W}(\sum_{i=1}^k \lambda_i u_i)$ for any $\lambda_1, \dots, \lambda_k \in \mathbb{F}_2$, not all zero.

These a_1, \dots, a_k will be the images by A_1^* of β_1, \dots, β_k , respectively.

After that, for any of these k -tuples, we need to determine all possible $(n-k)$ -tuples of elements a_{k+1}, \dots, a_n satisfying:

(P2) a_{k+1}, \dots, a_n are linearly independent;

(P3) for any $a \in \text{Span}(a_{k+1}, \dots, a_n) \setminus \{0\}$, $a + \sum_{i=1}^k \lambda_i a_i \in \mathcal{Z}\mathcal{W}(\sum_{i=1}^k \lambda_i u_i)$, for any $\lambda_1, \dots, \lambda_k \in \mathbb{F}_2$.

Remark 3.6. Condition (P3) is equivalent to have

$$\text{Span}(a_{k+1}, \dots, a_n) \subseteq \bigcap_{\lambda_i \in \mathbb{F}_2} \sum_{i=1}^k \lambda_i a_i + \mathcal{Z}\mathcal{W} \left(\sum_{i=1}^k \lambda_i u_i \right),$$

where $a + \mathcal{Z}\mathcal{W}(u) = \{a + v : v \in \mathcal{Z}\mathcal{W}(u)\}$.

In the following we will give some observations in order to see how it is possible from Procedure 3.5 to obtain the EA-classes contained in the CCZ-class of a given function.

Observation 3.7 ([8]). Let $\{u_1, \dots, u_k\}$ be any fixed basis of U (where k is the dimension of U), we can suppose that $A_2^*(\beta_i) = u_i$ for $i = 1, \dots, k$ and $\ker(A_2^*) = \text{Span}(\beta_{k+1}, \dots, \beta_n)$.

Indeed, suppose A_2^* is such that $A_2^*(w_i) = u_i$ for $i = 1, \dots, k$ and $\ker(A_2^*) = \text{Span}(w_{k+1}, \dots, w_n)$ for some w_1, \dots, w_n linearly independent. Then, we can consider the linear permutation L such that $L^*(\beta_i) = w_i$ for all i . Now, if $F_1(x) = A_1(x) + A_2(F(x))$ is a permutation, we can consider $F'_1 = L \circ F_1$, which is again a permutation, and $A_2'^* = (L \circ A_2)^*$ is s.t. $A_2'^*(\beta_i) = u_i$ for $i = 1, \dots, k$ and $\ker(A_2'^*) = \text{Span}(\beta_{k+1}, \dots, \beta_n)$.

From the previous observation we have that if L_1 is such that $\text{Im}(A_2^*) = U$, then from the procedure applied to the subspace U , with some fixed basis, we obtain at least one function L'_1 such that $L_1 = L \circ L'_1$ for some linear permutation L . Thus, from Proposition 3.4 we obtain the same EA-class of L_1 from L'_1 .

Observation 3.8. From the procedure we can see that in (P3) we need to check the subspaces of dimension $n-k$ contained in $\bigcap_{\lambda_i \in \mathbb{F}_2} \sum_{i=1}^k \lambda_i a_i + \mathcal{Z}\mathcal{W}(\sum_{i=1}^k \lambda_i u_i)$. If we have $W \subseteq \bigcap_{\lambda_i \in \mathbb{F}_2} \sum_{i=1}^k \lambda_i a_i + \mathcal{Z}\mathcal{W}(\sum_{i=1}^k \lambda_i u_i)$, of dimension $n-k$, then we can consider only one basis of W for constructing the elements a_{k+1}, \dots, a_n in

Procedure 3.5. Indeed, let $\{a_{k+1}, \dots, a_n\}$ and $\{a'_{k+1}, \dots, a'_n\}$ be two basis of W . Let A_1 and A'_1 constructed from the procedure applied to a fixed space U (and so also A_2 is fixed), such that $A_1^*(\beta_i) = A_1'^*(\beta_i) = a_i$ for $1 \leq i \leq k$, and $A_1^*(\beta_j) = a_j, A_1'^*(\beta_j) = a'_j$ for $k+1 \leq j \leq n$.

Let $V = \text{Span}(\beta_{k+1}, \dots, \beta_n)$, the restriction of A_1^* and $A_1'^*$ over V , $A_1^*|_V$ and $A_1'^*|_V$, are bijections from V to W and thus $(A_1^*|_V)^{-1}, (A_1'^*|_V)^{-1}$ are well defined. Let L be a linear permutation such that $L^*(\beta_i) = \beta_i$ for $1 \leq i \leq k$ and $L^*(\beta_j) = (A_1^*|_V)^{-1}(a'_j)$ for $k+1 \leq j \leq n$ (note that $(A_1^*|_V)^{-1}(a'_j) \in V$ and they form a basis for V , so L is a permutation). Now it is easy to check that $A'_1(x) = L \circ A_1(x)$ and that $A_2(y) = L \circ A_2(y)$ implying that $A'_1(x) + A_2(y) = L(A_1(x) + A_2(y))$ and from Proposition 3.4 we will obtain the same EA-class from these functions.

From the same function A_2 we could obtain several L_1 's. We will show how it is possible to filter some of the L_1 obtained from the procedure.

Proposition 3.9. *Let F be a function defined over \mathbb{F}_{2^n} with no linear monomials. Let $\mathcal{L} = (L_1, L_2)$ and $\mathcal{L}' = (L'_1, L'_2)$ be two linear permutations over $(\mathbb{F}_{2^n})^2$ with $L_1(x, y) = A_1(x) + A_2(y)$ and $L'_1(x, y) = A'_1(x) + A_2(y)$. Suppose $F_1(x) = L_1(x, F(x))$ and $F'_1(x) = L'_1(x, F(x))$ are permutations and the linear codes \mathcal{C}_{F_1} and $\mathcal{C}_{F'_1}$ are equal, where the code \mathcal{C}_F is generated by the matrix having as columns the vectors*

$$\left(F(x) \right)_{x \in \mathbb{F}_{2^n}}.$$

Then, if $\text{Span}(\text{Im}(A_2 \circ F)) = \text{Im}(A_2)$ the functions defined by the graphs $\mathcal{L}(G_F)$ and $\mathcal{L}'(G_F)$ are EA-equivalent.

Proof. Since $\mathcal{C}_{F_1} = \mathcal{C}_{F'_1}$ then there exists a linear permutations over \mathbb{F}_{2^n} such that $F'_1(x) = L \circ F_1(x)$. In particular, since F has no linear monomials then $L \circ A_2 \circ F = A_2 \circ F$ and $L \circ A_1 = A'_1$. Moreover, we have that $\text{Span}(\text{Im}(A_2 \circ F)) = \text{Im}(A_2)$. This means that there exist x_1, \dots, x_k such that $F(x_1), \dots, F(x_k)$ are linearly independent and $A_2 \circ F(x_1), \dots, A_2 \circ F(x_k)$ form a basis for $\text{Im}(A_2)$. Then, $\text{Span}(\{F(x_1), \dots, F(x_k)\}) \oplus \ker(A_2) = \mathbb{F}_{2^n}$ and thus $L \circ A_2(y) = A_2(y)$ for all $y \in \mathbb{F}_{2^n}$. From this, we can conclude that $L'_1 = L \circ L_1$ and from Proposition 3.4 it follows that the functions defined by the graphs $\mathcal{L}(G_F)$ and $\mathcal{L}'(G_F)$ are EA-equivalent. \square

For the case of functions F having nonlinearity different from zero we have that $\mathcal{C}_{F_1} = \mathcal{C}_{F'_1}$ is sufficient to guarantee EA-equivalence.

Proposition 3.10. *Let F be a function defined over \mathbb{F}_{2^n} with $\mathcal{NL}(F) \neq 0$ ($F(0) = 0$). Let $\mathcal{L} = (L_1, L_2)$ and $\mathcal{L}' = (L'_1, L'_2)$ be two linear permutations over $(\mathbb{F}_{2^n})^2$ with $L_1(x, y) = A_1(x) + A_2(y)$ and $L'_1(x, y) = A'_1(x) + A_2(y)$. Suppose $F_1(x) = L_1(x, F(x))$ and $F'_1(x) = L'_1(x, F(x))$ are permutations. If $\mathcal{C}_{F_1} = \mathcal{C}_{F'_1}$, where the code \mathcal{C}_F is defined as in Proposition 3.9, then the functions defined by the graphs $\mathcal{L}(G_F)$ and $\mathcal{L}'(G_F)$ are EA-equivalent.*

Proof. Consider the matrix of size $2n \times 2^n$ with columns the vectors

$$M = \left(\begin{array}{c} x \\ F(x) \end{array} \right)_{x \in \mathbb{F}_{2^n}}.$$

Since $\mathcal{NL}(F) \neq 0$ then the rows of this matrix are linear independent. Now, since F_1 is a permutation the rows of

$$\left(F_1(x) \right)_{x \in \mathbb{F}_{2^n}},$$

are linear independent and for any row there exists a unique way of combining the rows of M to get it. Thus, there exist a unique linear function $L_1(x, y)$ such that

$$\left(F_1(x) \right)_{x \in \mathbb{F}_{2^n}} = \left(L_1(x, F(x)) \right)_{x \in \mathbb{F}_{2^n}}.$$

Since $\mathcal{C}_{F_1} = \mathcal{C}_{F'_1}$ we have that there exists a linear permutation L such that

$$\left(L \circ F_1(x) \right)_{x \in \mathbb{F}_{2^n}} = \left(F'_1(x) \right)_{x \in \mathbb{F}_{2^n}},$$

and then

$$\left(L \circ L_1(x, F(x)) \right)_{x \in \mathbb{F}_{2^n}} = \left(L'_1(x, F(x)) \right)_{x \in \mathbb{F}_{2^n}}.$$

From the unicity of L_1 and L'_1 we obtain that $L'_1 = L \circ L_1$. \square

Remark 3.11. For the case of APN functions we have that the $\mathcal{NL}(F) \neq 0$ and so we can use this last proposition for filtering the functions obtained from Procedure 3.5.

Recalling that a simplex code (defined over \mathbb{F}_2) is a linear code of length $2^n - 1$ dimension n and all non zero codewords of hamming weight 2^{n-1} , we have the following upper bound on the number of EA-classes contained in the CCZ-class of a function F .

Corollary 3.12. *Let F be a function defined over \mathbb{F}_{2^n} with $\mathcal{NL}(F) \neq 0$ ($F(0) = 0$). Let $\mathcal{C}(F)$ be the code generated by*

$$\left(\begin{array}{c} x \\ F(x) \end{array} \right)_{x \in \mathbb{F}_{2^n}^*}.$$

Then, the number of EA-classes contained in the CCZ-class of F is upper bounded by the number of the simplex codes contained in $\mathcal{C}(F)$.

4. EQUIVALENCE RELATIONS AND LINEAR CODES

The main cryptographic properties (e.g. the APN property, the nonlinearity, etc.) can be interpreted as conditions on some binary linear codes, as first shown in [10].

Let F be a vectorial Boolean function then we can define the following codes related to F .

- The code $\mathcal{C}_1(F)$ which is generated by

$$C_1(F) := \left(\begin{array}{c} 1 \\ x \\ F(x) \end{array} \right)_{x \in \mathbb{F}_{2^n}},$$

the size of the matrix is $(2n + 1) \times 2^n$.

- The code $\mathcal{C}_2(F)$ which is generated by

$$C_2(F) := \left(\begin{array}{cc} 1 & 0 \\ x & 0 \\ F(x) & y \end{array} \right)_{x \in \mathbb{F}_{2^n}, y \in \mathbb{F}_{2^n}^*}$$

the size of the matrix is $(2n + 1) \times (2^{n+1} - 1)$.

- The code $\mathcal{C}_3(F)$ which is generated by

$$C_3(F) := \left(\begin{array}{ccc} 1 & 0 & 0 \\ x & 0 & z \\ F(x) & y & 0 \end{array} \right)_{x \in \mathbb{F}_{2^n}, y, z \in \mathbb{F}_{2^n}^*}$$

the size of the matrix is $(2n + 1) \times (2^{n+1} + 2^n - 2)$.

The equivalence between two functions F and G can be expressed in terms of linear codes. Indeed, we have the following result (see [6, 12])

Theorem 4.1. *Let F and G be two vectorial Boolean functions. Then we have:*

- F is CCZ-equivalent to G iff $\mathcal{C}_1(F)$ and $\mathcal{C}_1(G)$ are equivalent.
- F is EA-equivalent to G iff $\mathcal{C}_2(F)$ and $\mathcal{C}_2(G)$ are equivalent.
- If F is not a permutation, F is affine-equivalent to G iff the codes $\mathcal{C}_3(F)$ and $\mathcal{C}_3(G)$ are equivalent. If F is a permutation, F is affine-equivalent to G or G^{-1} iff the codes $\mathcal{C}_3(F)$ and $\mathcal{C}_3(G)$ are equivalent.

From the previous theorem when F and G are permutations we cannot distinguish if they are affine equivalent to each other or one is equivalent to the inverse of the other.

A necessary and sufficient condition for affine equivalence between permutations is the following.

Theorem 4.2. *Let F and G be two permutations over \mathbb{F}_{2^n} , with $n \geq 3$. F is affine-equivalent to G if and only if the codes $\mathcal{C}_4(F)$ and $\mathcal{C}_4(G+b)$ are equivalent for some $b \in \mathbb{F}_{2^n}$, where $\mathcal{C}_4(F)$ is generated by*

$$C_4(F) := \left(\begin{array}{ccc} 1 & 0 & 1 \\ x & 0 & z \\ F(x) & y & 0 \end{array} \right)_{x,z \in \mathbb{F}_{2^n}, y \in \mathbb{F}_{2^n}^*}$$

of size $(2n+1) \times (2^{n+1} + 2^n - 1)$.

Proof. Suppose that F is affine equivalent to G . Then, $B(F(Ax+a)) + b = G(x)$ for some A, B linear permutations and $a, b \in \mathbb{F}_{2^n}$. Suppose that $b = 0$, otherwise we can consider the function $G' = G + b$.

Considering $L_1 = A^{-1}$, $L_2 = B$ linear permutations and $a' = A^{-1}a$ we have

$$M \cdot C_4(F) = \left(\begin{array}{ccc} 1 & 0 & 0 \\ a' & L_1 & 0 \\ 0 & 0 & L_2 \end{array} \right) \times \left(\begin{array}{ccc} 1 & 0 & 1 \\ x & 0 & z \\ F(x) & y & 0 \end{array} \right) = \left(\begin{array}{ccc} 1 & 0 & 1 \\ L_1(x) + a' & 0 & L_1(z) + a' \\ L_2(F(x)) & L_2(y) & 0 \end{array} \right),$$

applying a permutation on the columns, the last matrix is $C_4(G)$.

Vice versa, suppose that the code $\mathcal{C}_4(F)$ is equivalent to $\mathcal{C}_4(G')$, for some $G' = G + b$. We can suppose that $G' = G$ otherwise we will obtain the affine equivalence to G' which is equivalent to G .

Then, there exist a matrix

$$M = \left(\begin{array}{ccc} c & \mathbf{d} & \mathbf{e} \\ a & L_1 & L_2 \\ b & L_3 & L_4 \end{array} \right)$$

and a permutation matrix P such that $M \cdot C_4(F) = C_4(G) \cdot P$. Thus, permuting the columns of $M \cdot C_4(F)$ we would be able to obtain the matrix $C_4(G)$. Now,

$$M \cdot C_4(F) = \left(\begin{array}{c|c|c} \frac{c + \mathbf{d} \cdot x + \mathbf{e} \cdot F(x)}{L_1(x) + L_2(F(x)) + a} & \frac{\mathbf{e} \cdot y}{L_2(y)} & \frac{c + \mathbf{d} \cdot z}{L_1(z) + a} \\ \hline \underbrace{\frac{L_3(x) + L_4(F(x)) + b}{L_1(x) + L_2(F(x)) + a}}_{\text{left part}} & \underbrace{\frac{L_4(y)}{L_2(y)}}_{\text{middle part}} & \underbrace{\frac{L_3(z) + b}{L_1(z) + a}}_{\text{right part}} \end{array} \right) \begin{array}{l} \} \text{upper part} \\ \} \text{center part} \\ \} \text{bottom part} \end{array}.$$

In the following we will refer to the different nine parts of the matrix as the left upper (LU) part, left center (LC) part, left bottom (LB) part, middle upper (MU) part, middle center (MC) part, middle bottom (MB) part, right upper (RU) part, right center (RC) part and right bottom (RB) part.

Now, we want to understand how we can permute the columns of the matrix above so that we can obtain $C_4(G)$. From that, we will be able to determine the structure of the matrix M .

First of all, note that the first row of the matrix must have the same weight as the first row of $C_4(G)$, that is 2^{n+1} . Suppose $\mathbf{d}, \mathbf{e} \neq 0$. Then $c + \mathbf{d} \cdot z$ and $\mathbf{e} \cdot y$ have weight 2^{n-1} , so $c + \mathbf{d} \cdot x + \mathbf{e} \cdot F(x)$ needs to be of weight 2^n . Let $S = \{y : \mathbf{e} \cdot y = 0\}$, which is a subspace of dimension $n-1$. A column relative to any $y \in S$ needs to have $L_2(y) = 0$, because for obtaining $C_4(G)$ we cannot move this column in the left or right part.

Thus, $\text{rank}(L_2) \leq 2$.

Moreover, all the columns of the y 's not in S need to be moved in the left or right part since the first row in the middle part has to be equal to zero. For any column relative to some $y \notin S$, we have that $L_2(y) = r$ for some fixed r . But, in the LC and RC part we should obtain two times all the nonzero elements of \mathbb{F}_{2^n} , which would be not possible.

Suppose $\mathbf{d} = 0$, $\mathbf{e} \neq 0$. As before, let $S = \{y : \mathbf{e} \cdot y = 0\}$. Thus $L_2(y) = 0$ if $y \in S$ and $L_2(y) = r$ for some fixed r if $y \notin S$. Again, the columns of the y 's not in S need to be moved in the left or right part, and we cannot obtain all the nonzero elements of \mathbb{F}_{2^n} repeated two times in the center part.

Suppose that $\mathbf{d} \neq 0$, $\mathbf{e} = 0$ then we obtain only 2^n 1's on the first row, which is not possible.

Then, $c = 1$ and $\mathbf{d} = \mathbf{e} = 0$ and

$$M \cdot C_4(F) = \begin{pmatrix} 1 & 0 & 1 \\ L_1(x) + L_2(F(x)) + a & L_2(y) & L_1(z) + a \\ L_3(x) + L_4(F(x)) + b & L_4(y) & L_3(z) + b \end{pmatrix}.$$

Now, we have that for obtaining $C_4(G)$ we cannot permute the columns related to the middle part, involving the variable y , with the columns of the other parts. Thus $L_2 \equiv 0$ and

$$M \cdot C_4(F) = \begin{pmatrix} 1 & 0 & 1 \\ L_1(x) + a & 0 & L_1(z) + a \\ L_3(x) + L_4(F(x)) + b & L_4(y) & L_3(z) + b \end{pmatrix}.$$

Moreover, since in the MB part we should have all the nonzero elements of \mathbb{F}_{2^n} , and in the LC and RC part all the elements of \mathbb{F}_{2^n} , we have that L_1 and L_4 need to be permutations.

We need now to prove that $L_3(z) + b$ is constantly equal to 0. First, note that if $L_3(z) + b = b \neq 0$ for all z , then in the RB part of $M \cdot C_4(F)$ we would have all columns equals to b . Since we want to permute the columns of $M \cdot C_4(F)$ in order to obtain $C_4(G)$ (which has all zero columns on the RB part) this means that all the columns of the left part of $M \cdot C_4(F)$ should be permuted with the columns of the right part, implying $L_3(x) + L_4(F(x)) + b \equiv 0$, which is not possible. Similarly if $L_3(z) + b$ is a permutation.

Suppose, then, that $L_3(z) + b$ is not null (and not constantly equal to b) or a permutation, which implies $\ker(L_3) \neq \{0\}, \mathbb{F}_{2^n}$. Then, in order to obtain $C_4(G)$ we should permute at least all the columns of the right part that are nonzero in the RB part (that involving $L_3(z) + b$) with some columns of the left part of the matrix for which $L_3(x) + L_4(F(x)) + b$ is zero.

Now, let $S = \{z : L_3(z) + b \neq 0\} = \mathbb{F}_{2^n} \setminus \{z : L_3(z) + b = 0\}$. Denoting by $A(x) = L_3(x) + b$, since $\ker(L_3) \neq \{0\}, \mathbb{F}_{2^n}$ we have that for a given non zero element c in $\text{Im}(A)$ there exist at least two elements $z_1, z_2 \in S$ such that $A(z_1) = A(z_2) = c$. Since for obtaining $C_4(G)$ we should permute (with the left part) all the columns of the right part related to the elements of S , we would obtain in the LB part two columns with the same value. But since both F and G are permutations then we cannot have repeated column here. Then, $L_3(x) + b$ needs to be constantly equal to 0.

So,

$$M \cdot C_4(F) = \begin{pmatrix} 1 & 0 & 1 \\ L_1(x) + a & 0 & L_1(z) + a \\ L_4(F(x)) & L_4(y) & 0 \end{pmatrix},$$

and thus

$$\begin{pmatrix} 1 \\ L_1(x) + a \\ L_4(F(x)) \end{pmatrix} = \begin{pmatrix} 1 \\ x \\ G(x) \end{pmatrix} \cdot P,$$

for some permutation matrix P , that is, $L_4(F(L_1^{-1}(x) + L_1^{-1}(a))) = G(x)$. \square

These theorems on the relation between the equivalences defined for Boolean functions and the related codes are quite useful. For instance, the computer algebra package MAGMA implements a function for checking code equivalence, hence for small values of n can be possible to distinguish the different types of equivalence. Note that for the case of the affine-equivalence in [1] it is given an algorithm for checking it. We do not compare the complexity of checking the affine equivalence with codes and the algorithm given in [1]. However, the implementation with the code equivalence is very easy in MAGMA.

5. EA-CLASSES IN DIMENSION 6

In this section, we give the analysis carried out for the known APN functions in dimension 6. We used Procedure 3.5 for obtaining the admissible linear functions L_1 . Then, comparing the codes relative to $L_1(x, F(x))$ we used Proposition 3.10 for filtering the maps L_1 . After that EA-equivalence was tested using the linear code $\mathcal{C}_2(F)$.

In dimension 6 there are 14 known APN functions (13 are quadratics) up to CCZ-equivalence and they are listed in Table 1. In Table 1 we give also the number of EA-classes contained in the CCZ-class of each function, together with the degrees of the function in the EA-classes. The representatives of each EA-class is given in the Appendix.

TABLE 1. CCZ-inequivalent APN functions over $\mathbb{F}_{2^6} = \langle \zeta \rangle$.

| N. | function | # EA-classes | Degrees |
|----|--|--------------|---|
| 1 | x^3 | 3 | {*2,3,4*} |
| 2 | $x^3 + \zeta^{11}x^6 + ux^9$ | 3 | {* 2, 3, 4 *} |
| 3 | $\zeta x^5 + x^9 + \zeta^4 x^{17} + \zeta x^{18} + \zeta^4 x^{20} + \zeta x^{24} + \zeta^4 x^{34} + \zeta x^{40}$ | 19 | {* 2, 3 ¹⁵ , 4 ³ *} |
| 4 | $\zeta^7 x^3 + x^5 + \zeta^3 x^9 + \zeta^4 x^{10} + x^{17} + \zeta^6 x^{18}$ | 13 | {*2, 3 ⁹ , 4 ³ *} |
| 5 | $x^3 + \zeta x^{24} + x^{10}$ | 13 | {*2, 3 ⁵ , 4 ⁷ *} |
| 6 | $x^3 + \zeta^{17}(x^{17} + x^{18} + x^{20} + x^{24})$ | 91 | {*2, 3 ⁶⁶ , 4 ²⁴ *} |
| 7 | $x^3 + \zeta^{11}x^5 + \zeta^{13}x^9 + x^{17} + \zeta^{11}x^{33} + x^{48}$ | 19 | {*2, 3 ¹⁵ , 4 ³ *} |
| 8 | $\zeta^{25}x^5 + x^9 + \zeta^{38}x^{12} + \zeta^{25}x^{18} + \zeta^{25}x^{36}$ | 85 | {*2, 3 ⁶⁶ , 4 ¹⁸ *} |
| 9 | $\zeta^{40}x^5 + \zeta^{10}x^6 + \zeta^{62}x^{20} + \zeta^{35}x^{33} + \zeta^{15}x^{34} + \zeta^{29}x^{48}$ | 91 | {*2, 3 ⁶³ , 4 ²⁷ *} |
| 10 | $\zeta^{34}x^6 + \zeta^{52}x^9 + \zeta^{48}x^{12} + \zeta^6x^{20} + \zeta^9x^{33} + \zeta^{23}x^{34} + \zeta^{25}x^{40}$ | 91 | {*2, 3 ⁶⁶ , 4 ²⁴ *} |
| 11 | $x^9 + \zeta^4(x^{10} + x^{18}) + \zeta^9(x^{12} + x^{20} + x^{40})$ | 86 | {*2, 3 ⁶⁹ , 4 ¹⁶ *} |
| 12 | $\zeta^{52}x^3 + \zeta^{47}x^5 + \zeta x^6 + \zeta^9x^9 + \zeta^{44}x^{12} + \zeta^{47}x^{33} + \zeta^{10}x^{34} + \zeta^{33}x^{40}$ | 92 | {*2, 3 ⁶⁹ , 4 ²² *} |
| 13 | $\zeta(x^6 + x^{10} + x^{24} + x^{33}) + x^9 + \zeta^4x^{17}$ | 85 | {*2, 3 ⁶⁶ , 4 ¹⁸ *} |
| 14 | $x^3 + \zeta^{17}(x^{17} + x^{18} + x^{20} + x^{24}) + \zeta^{14}(\text{Tr}(\zeta^{52}x^3 + \zeta^6 * x^5 + \zeta^{19}x^7 + \zeta^{28}x^{11} + \zeta^2x^{13}) + (\zeta^2x)^9 + (\zeta^2x)^{18} + (\zeta^2x)^{36} + x^{21} + x^{42})$ | 25 | {* 3 ¹⁰ , 4 ¹⁵ *} |

5.1. Classification results for Dillon's APN permutation. Further analysis was done for the case of the Kim function $x^3 + \zeta x^{24} + x^{10}$. Indeed, this function is equivalent to a permutation [7]. This is the only known example of APN function equivalent to a permutation in even dimension.

In this case we studied also the affine equivalence classes. The reason why we are interested in this classification is that some characteristics of the vectorial Boolean functions, interesting for designing block ciphers, such as to be a permutation, the boomerang uniformity ([11]), the threshold implementation ([16]), etc., are invariants with respect the affine equivalence but not with respect to EA- and CCZ-equivalence.

Thus, classification of (bijective) vectorial Boolean functions up to affine equivalence is an important task.

Using the code equivalence we can see that in the CCZ-class of the Dillon's APN permutation we have 13 EA-classes with two of them containing a permutation, while the number of affine classes containing a permutation is 4. permutation, while the number of affine classes containing a permutation are 4.

Let

$$F_1(x) = \zeta^{57}x^{60} + \zeta^{56}x^{58} + \zeta^{43}x^{57} + \zeta^{31}x^{56} + \zeta^{29}x^{53} + \zeta^{27}x^{52} + \zeta^{28}x^{51} + \zeta^{35}x^{50} + \zeta^{54}x^{49} + \\ \zeta^{51}x^{48} + \zeta x^{46} + \zeta^{54}x^{44} + \zeta^{50}x^{43} + \zeta^{50}x^{42} + \zeta^{32}x^{41} + \zeta^{49}x^{40} + \zeta^{36}x^{39} + \zeta^{14}x^{38} + \zeta^{16}x^{37} + \\ \zeta^{15}x^{35} + \zeta^{43}x^{34} + \zeta^{23}x^{33} + \zeta^7x^{32} + \zeta^7x^{30} + \zeta^{57}x^{29} + \zeta^{11}x^{26} + \zeta^{49}x^{25} + \zeta^{36}x^{24} + \zeta^{42}x^{23} + \\ \zeta^{40}x^{22} + \zeta^{34}x^{21} + \zeta^9x^{20} + \zeta^{28}x^{19} + \zeta^4x^{18} + \zeta^{50}x^{17} + \zeta^{58}x^{16} + \zeta x^{15} + \zeta^{48}x^{14} + \zeta^{33}x^{13} + \\ \zeta^{31}x^{12} + \zeta^{43}x^{11} + \zeta^{14}x^{10} + \zeta^5x^9 + \zeta^{45}x^8 + \zeta^{60}x^7 + \zeta^{31}x^6 + \zeta^{42}x^5 + \zeta^{10}x^4 + \zeta^{10}x^3 + \zeta^{48}x,$$

$$F_2(x) = \zeta^3x^{60} + \zeta^{33}x^{58} + \zeta^{18}x^{57} + \zeta^8x^{56} + \zeta^{38}x^{53} + \zeta^{28}x^{52} + \zeta^5x^{51} + \zeta^{37}x^{50} + \zeta^9x^{49} + \zeta^{45}x^{48} + \\ \zeta^{10}x^{46} + \zeta^{54}x^{44} + \zeta^{25}x^{43} + \zeta^{50}x^{42} + \zeta^{55}x^{41} + \zeta^{30}x^{40} + \zeta^{45}x^{39} + \zeta^{41}x^{38} + \zeta^{14}x^{37} + \zeta^{49}x^{36} + \\ \zeta^{31}x^{35} + x^{34} + \zeta^{46}x^{33} + \zeta^{20}x^{32} + \zeta^{47}x^{30} + \zeta^{32}x^{29} + \zeta^{57}x^{28} + \zeta^{47}x^{26} + \zeta^{44}x^{25} + \zeta^{17}x^{24} + \\ \zeta^{19}x^{23} + \zeta^{61}x^{22} + \zeta^{31}x^{21} + \zeta^{31}x^{20} + \zeta^{48}x^{19} + \zeta^{58}x^{18} + \zeta^{21}x^{17} + x^{16} + \zeta^{39}x^{15} + \zeta^{44}x^{14} + \\ \zeta^{35}x^{13} + \zeta^{21}x^{12} + \zeta^{15}x^{11} + \zeta^{54}x^{10} + \zeta^{62}x^9 + \zeta^{42}x^8 + \zeta^{62}x^7 + \zeta^{14}x^6 + \zeta^3x^5 + \zeta^{29}x^4 + \\ \zeta^{34}x^3 + \zeta^5x^2 + \zeta^{46}x,$$

and

$$F_3(x) = \zeta^{61}x^{60} + \zeta^{60}x^{58} + \zeta^{49}x^{57} + \zeta^{24}x^{56} + \zeta^{21}x^{54} + \zeta^{16}x^{53} + \zeta^{36}x^{52} + \zeta^{35}x^{51} + \zeta^{17}x^{50} + \\ \zeta^{28}x^{49} + \zeta^{14}x^{48} + \zeta^{62}x^{46} + \zeta^9x^{45} + \zeta^{21}x^{44} + \zeta^{29}x^{43} + \zeta^{22}x^{42} + \zeta^{35}x^{41} + \zeta^{41}x^{40} + \\ \zeta^{51}x^{39} + \zeta^{46}x^{38} + \zeta^{37}x^{37} + \zeta^7x^{36} + \zeta^{32}x^{35} + \zeta^{45}x^{34} + \zeta^{16}x^{33} + \zeta^{55}x^{32} + \zeta^{11}x^{30} + \\ \zeta^8x^{29} + \zeta^{29}x^{28} + \zeta^6x^{27} + \zeta^{58}x^{26} + \zeta^{28}x^{24} + \zeta^{15}x^{23} + \zeta^{44}x^{22} + \zeta^{35}x^{21} + \zeta^{32}x^{20} + \\ \zeta^{53}x^{19} + \zeta^{42}x^{18} + \zeta^{50}x^{17} + x^{16} + \zeta^{12}x^{15} + \zeta^{27}x^{14} + \zeta^{30}x^{13} + \zeta^7x^{12} + \zeta^{52}x^{11} + \\ \zeta^{43}x^{10} + \zeta^7x^9 + \zeta^{17}x^8 + \zeta^5x^7 + \zeta^{17}x^6 + \zeta^{43}x^5 + \zeta^{13}x^4 + \zeta^{57}x^3 + \zeta^{35}x^2 + \zeta^{49}x.$$

Then, the CCZ-class can be represented by F_1 , the EA-classes containing a permutation can be given by F_1 and F_1^{-1} , and the affine-classes (always with a permutation) are represented by F_1, F_1^{-1}, F_2 and F_3 . Note that with the code equivalence of the code $\mathcal{C}_3(F)$ we would obtain only 3 functions since F_1 is not affine equivalent to its inverse, while using $\mathcal{C}_4(F)$ we can distinguish the two functions.

Remark 5.1. F_2 and F_3 are affine-equivalent to their inverses.

For all the APN permutations we have that the degree of their components are $\{ * 3^{7}, 4^{56} * \}$

and the Walsh spectrum of the single components is given by the multi-set

```
{*
  {* -16, -8^^22, 0^^12, 8^^26, 16^^3 * }^^21,
  {* -16^^2, -8^^20, 0^^12, 8^^28, 16^^2 * }^^21,
  {* -16^^3, -8^^18, 0^^12, 8^^30, 16 * }^^7,
  {* -16^^6, 0^^48, 16^^10 * }^^7,
  {* -8^^24, 0^^12, 8^^24, 16^^4 * }^^7
*}
```

6. ON THE EA-CLASSES OF FUNCTIONS IN DIMENSION 7,8 AND 9

For dimension 7 and 8 it is still possible to implement Procedure 3.5. Thus we can obtain at least one representative of each EA-class. However, checking EA-equivalence with the code equivalence requires a huge amount of computations. Corollary 3.12 gives us an upper bound on the number of EA-classes based on the simplex codes contained in

$$\left(\begin{array}{c} x \\ F(x) \end{array} \right)_{x \in \mathbb{F}_{2^n}}.$$

Using MAGMA we are able to provide the upper bound for all the known functions in $n = 7, 8$. Note that in dimension 7 and 8 we have a huge list of APN functions from [18]. For space reason here we give the upper bound only for the functions listed in [13] (for $n = 7$ we give all the upper bounds in the Appendix).

6.1. **n=7.** In dimension 7, in [13] the authors listed 19 APN functions in Table 2, in [18] the authors found 471 new functions more. For the computer results on all these APN functions see Appendix 2 in [?].

Remark 6.1. For the x^{13}, x^{57} and x^{63} we can derive the exact number of EA-classes. Indeed, the two simplex subcodes individuated for each ones are those generated by

$$\left(F(x) \right)_{x \in \mathbb{F}_{2^n}} \quad \text{or} \quad \left(x \right)_{x \in \mathbb{F}_{2^n}}.$$

The representatives of the EA-classes that are related to these codes are F and F^{-1} . For x^{57} and x^{63} we have that they are cyclotomic equivalent (and thus affine equivalent) to their inverse, implying that the CCZ-class and the EA-class coincide. For the case of x^{13} , its inverse is given by x^{88} . Since the cyclotomic classes of these two functions are distinct we can conclude that they are not EA-equivalent. Thus for x^{13} we have 2 EA-classes in the CCZ-class.

6.2. **n=8.** In dimension 8 we have 23 functions in the table given in [13], see Table 3 (in [18] the authors found 8157 new functions more). We extend the computation also to the case of the inverse function that is 4-differentially uniform in this case.

Remark 6.2. For x^{57} we have only one simplex code, which implies that there is only one EA-class. As in dimension 7 for the inverse function x^{127} we have two simplex codes and these are generated by

$$\left(F(x) \right)_{x \in \mathbb{F}_{2^n}} \quad \text{or} \quad \left(x \right)_{x \in \mathbb{F}_{2^n}}.$$

These codes are relative to the class of F and of F^{-1} , thus we can conclude as before that the CCZ-class contains only one EA-class.

TABLE 2. CCZ-inequivalent APN functions over \mathbb{F}_{2^7} given in [13]

| N. | function | # EA-classes \leq |
|----|---|---------------------|
| 1 | x^3 | 256 |
| 2 | x^5 | 256 |
| 3 | x^9 | 256 |
| 4 | x^{13} | 2 |
| 5 | x^{57} | 2 |
| 6 | x^{63} (inverse) | 2 |
| 7 | $x^3 + \text{Tr}(x^9)$ | 184 |
| 8 | $x^{34} + x^{18} + x^5$ | 184 |
| 9 | $x^{20} + x^6 + x^3$ | 324 |
| 10 | $x^{66} + x^{34} + x^{20} + x^{17} + x^3$ | 184 |
| 11 | $x^{34} + x^{33} + x^{17} + x^3$ | 184 |
| 12 | $x^{34} + x^{33} + x^{10} + x^5 + x^3$ | 296 |
| 13 | $x^{66} + x^{18} + x^9 + x^3$ | 212 |
| 14 | $x^{33} + x^{17} + x^{12} + x^3$ | 240 |
| 15 | $x^{66} + x^{34} + x^{20} + x^3$ | 184 |
| 16 | $x^{72} + x^{40} + x^{12} + x^3$ | 184 |
| 17 | $x^{72} + x^{40} + x^{34} + x^6 + x^3$ | 184 |
| 18 | $x^{34} + x^{33} + x^{12} + x^6 + x^5 + x^3$ | 240 |
| 19 | $x^{72} + x^{40} + x^{34} + x^6 + x^3 + \zeta^{27}(\text{Tr}(\zeta^{20}x^3 + \zeta^{94}x^5 + \zeta^{66}x^9))$ | 216 |

6.3. **n=9.** For this dimension we consider only the non-Gold APN power functions. We give the upper bound on the number of EA-classes in Table 4.

Remark 6.3. As before for x^{13}, x^{19} and x^{241} we have two simplex codes and two EA-classes for each function. For the inverse function x^{255} we have two simplex codes but only one EA-class.

In [15] the authors investigate EA-equivalence of the inverse function to a permutation. They concluded that for $n \geq 5$ the inverse function is EA-equivalent to a permutation if and only if it is affine equivalent to it. As the authors state at the end of their paper, an interesting problem is whether or not there exists a permutation that is CCZ-equivalent to x^{-1} but not affine equivalent. From our computational results we can conclude the following.

Theorem 6.4. *Let $5 \leq n \leq 9$. A permutation polynomial F defined over \mathbb{F}_{2^n} is CCZ-equivalent to x^{-1} if and only if F is affine-equivalent to x^{-1} .*

Proof. For $5 \leq n \leq 9$ we obtain only the two simplex codes generated by

$$\left(F(x) \right)_{x \in \mathbb{F}_{2^n}} \quad \text{or} \quad \left(x \right)_{x \in \mathbb{F}_{2^n}}.$$

This implies that we have only the EA-class of x^{-1} since it is an involution. Now, the permutations in the EA-class of x^{-1} can be obtained only with the affine equivalence [15]. \square

TABLE 3. CCZ-inequivalent APN functions over \mathbb{F}_{2^8} given in [13] and the inverse function.

| N. | function | # EA-classes \leq |
|----|---|---------------------|
| 1 | x^3 | 256 |
| 2 | x^9 | 256 |
| 3 | x^{57} | 1 |
| 4 | $\zeta^{15}x^{48} + \zeta^{16}x^{33} + \zeta^{16}x^{18} + x^{17} + x^3$ | 256 |
| 5 | $x^3 + Tr(x^9)$ | 256 |
| 6 | $x^9 + Tr(x^3)$ | 256 |
| 7 | $\zeta^{21}x^{144} + \zeta^{183}x^{66} + \zeta^{245}x^{33} + x^3$ | 256 |
| 8 | $\zeta^{135}x^{144} + \zeta^{120}x^{66} + \zeta^{65}x^{18} + x^3$ | 256 |
| 9 | $\zeta^{67}x^{192} + \zeta^{182}x^{132} + \zeta^{24}x^6 + x^3$ | 256 |
| 10 | $x^{160} + x^{132} + x^{80} + x^{68} + x^6 + x^3$ | 464 |
| 11 | $x^{66} + x^{40} + x^{18} + x^5 + x^3$ | 368 |
| 12 | $x^{130} + x^{66} + x^{40} + x^{12} + x^3$ | 400 |
| 13 | $\zeta^{189}x^{192} + \zeta^{143}x^{144} + \zeta^{22}x^{132} + \zeta^{21}x^{129} + \zeta^{133}x^{96} + \zeta^{239}x^{72} + \zeta^{229}x^{66} + \zeta^{31}x^{48} + \zeta^{187}x^{36} + \zeta^{185}x^{33} + \zeta^{68}x^{24} + \zeta^{236}x^{18} + \zeta^{75}x^{12} + \zeta^{91}x^9 + \zeta^{97}x^6 + \zeta^{160}x^3$ | 256 |
| 14 | $\zeta^{100}x^{192} + \zeta^{12}x^{160} + \zeta^{15}x^{144} + \zeta^{243}x^{136} + \zeta^{234}x^{132} + \zeta^{33}x^{130} + \zeta^{39}x^{129} + \zeta^{139}x^{96} + \zeta^{51}x^{80} + \zeta^{229}x^{72} + \zeta^{39}x^{68} + \zeta^{17}x^{66} + \zeta^{189}x^{65} + \zeta^{126}x^{48} + \zeta^{198}x^{40} + \zeta^{238}x^{36} + \zeta^{192}x^{34} + \zeta^{217}x^{33} + \zeta^{122}x^{24} + \zeta^{144}x^{20} + \zeta^{169}x^{18} + \zeta^{141}x^{17} + \zeta^{236}x^{12} + \zeta^{117}x^{10} + \zeta^{183}x^9 + \zeta^{184}x^6 + \zeta^{231}x^5 + \zeta^{228}x^3$ | 400 |
| 15 | $\zeta^{155}x^{192} + \zeta^{96}x^{144} + \zeta^{223}x^{132} + \zeta^{77}x^{129} + \zeta^{88}x^{96} + \zeta^{232}x^{72} + \zeta^{69}x^{66} + \zeta^{142}x^{48} + \zeta^{168}x^{36} + x^{33} + \zeta^{145}x^{24} + \zeta^{234}x^{18} + \zeta^{202}x^{12} + \zeta^{94}x^9 + \zeta^{189}x^6 + \zeta^{241}x^3$ | 256 |
| 16 | $\zeta^{126}x^{192} + \zeta^{119}x^{144} + \zeta^{221}x^{132} + \zeta^{222}x^{129} + \zeta^{79}x^{96} + \zeta^{221}x^{72} + \zeta^{187}x^{66} + \zeta^{148}x^{48} + \zeta^{187}x^{36} + \zeta^{237}x^{24} + \zeta^{231}x^{12} + \zeta^{119}x^9 + \zeta^{244}x^6 + \zeta^{236}x^3$ | 256 |
| 17 | $\zeta^{151}x^{192} + \zeta^{13}x^{144} + \zeta^{58}x^{132} + \zeta^{143}x^{129} + \zeta^{110}x^{96} + \zeta^{72}x^{72} + \zeta^{244}x^{66} + \zeta^{26}x^{48} + \zeta^{180}x^{36} + \zeta^{8}x^{33} + \zeta^{69}x^{24} + \zeta^{76}x^{18} + \zeta^{201}x^{12} + \zeta^{201}x^9 + \zeta^{19}x^6 + \zeta^{107}x^3$ | 256 |
| 18 | $\zeta^{86}x^{192} + \zeta^{224}x^{129} + \zeta^{163}x^{96} + \zeta^{102}x^{66} + \zeta^{129}x^{48} + \zeta^{102}x^{36} + \zeta^{170}x^{33} + \zeta^{14}x^{24} + \zeta^{170}x^{18} + \zeta^{101}x^{12} + \zeta^{58}x^6 + \zeta^{254}x^3$ | 256 |
| 19 | $\zeta^{95}x^{192} + \zeta^{242}x^{144} + \zeta^{195}x^{132} + \zeta^{98}x^{129} + \zeta^{84}x^{96} + \zeta^{45}x^{72} + \zeta^{234}x^{66} + \zeta^{202}x^{48} + \zeta^{159}x^{36} + \zeta^{58}x^{33} + \zeta^{23}x^{24} + \zeta^{148}x^{18} + \zeta^{230}x^{12} + \zeta^{32}x^9 + \zeta^{54}x^6 + \zeta^{41}x^3$ | 256 |
| 20 | $\zeta^{132}x^{192} + \zeta^{37}x^{144} + \zeta^{91}x^{132} + \zeta^{188}x^{129} + \zeta^{76}x^{96} + \zeta^{162}x^{72} + \zeta^{46}x^{66} + \zeta^{252}x^{48} + \zeta^{42}x^{36} + \zeta^{81}x^{33} + \zeta^{83}x^{24} + \zeta^{13}x^{18} + \zeta^{185}x^{12} + \zeta^{163}x^9 + \zeta^{216}x^6 + \zeta^{181}x^3$ | 256 |
| 21 | $\zeta^{91}x^{192} + \zeta^{124}x^{144} + \zeta^{214}x^{132} + \zeta^{106}x^{129} + \zeta^{59}x^{96} + \zeta^{172}x^{72} + \zeta^{138}x^{66} + \zeta^{163}x^{48} + \zeta^{58}x^{36} + \zeta^{100}x^{33} + \zeta^{32}x^{24} + \zeta^{250}x^{18} + \zeta^{45}x^{12} + \zeta^{241}x^6 + \zeta^{157}x^3$ | 256 |
| 22 | $\zeta^{25}x^{192} + \zeta^{140}x^{144} + \zeta^{59}x^{132} + \zeta^{129}x^{129} + \zeta^{42}x^{96} + \zeta^{164}x^{72} + \zeta^{149}x^{66} + \zeta^{119}x^{48} + \zeta^{74}x^{36} + \zeta^{21}x^{33} + \zeta^9x^{24} + \zeta^{46}x^{18} + \zeta^{130}x^{12} + \zeta^{185}x^9 + \zeta^{147}x^6 + \zeta^{27}x^3$ | 256 |
| 23 | $\zeta^{113}x^{192} + \zeta^{56}x^{144} + \zeta^{68}x^{132} + \zeta^{155}x^{129} + \zeta^{91}x^{96} + \zeta^{78}x^{72} + \zeta^{159}x^{66} + \zeta^{30}x^{48} + \zeta^{194}x^{36} + \zeta^{14}x^{33} + \zeta^{238}x^{24} + \zeta^{91}x^{18} + \zeta^{100}x^{12} + \zeta^{96}x^9 + \zeta^{222}x^6 + \zeta^{178}x^3$ | 256 |
| - | x^{127} (inverse) | 2 |

TABLE 4. CCZ-inequivalent APN functions over \mathbb{F}_{2^9} given in [13] and the inverse function.

| N. | function | # EA-classes \leq |
|----|------------------------------|---------------------|
| 1 | x^{13} | 2 |
| 2 | x^{19} | 2 |
| 3 | x^{241} | 2 |
| 4 | x^{255} (<i>inverse</i>) | 2 |

From this result we give the following conjecture.

Conjecture 6.5. For $n \geq 5$, a permutation polynomial F defined over \mathbb{F}_{2^n} is CCZ-equivalent to x^{-1} if and only if F is affine-equivalent to x^{-1} .

Moreover, in [8] the authors conjectured that the CCZ-class of non-Gold APN power functions can be obtained using iteratively EA-equivalence together with the inverse transformation. In particular, using Procedure 3.5 they proved that for $n \leq 8$ the conjecture is true. From the results obtained here we were able to verify that this is true up to dimension 9 and in particular we have at most two EA-classes whose representatives are F and F^{-1} .

Theorem 6.6. Let $n \leq 9$ and $F(x) = x^d$ be a non-Gold APN function defined over \mathbb{F}_{2^n} . Then the CCZ-class of F is partitioned in at most two EA-classes represented by F and F^{-1} (when it exists).

7. CONCLUSION

We gave the full classification, up to EA-equivalence, of the known APN functions in dimension 6. Moreover, for the case of the unique APN permutation in even dimension, we gave also the classification of the affine classes (containing a permutation). For this purpose, we introduced a new code linked to a vectorial Boolean function that permits to investigate the affine equivalence in the contest of bijective maps.

For dimension 7, 8 and 9, since checking EA-equivalence using the codes equivalence requires a huge amount of computing, we gave an upper bound on the number of the EA-classes of the known APN functions (in dimension 9 we consider only non-Gold APN power functions). For the case of APN power mapping we observed that at most we have two EA-classes in the CCZ-class. Moreover, for the inverse function for $5 \leq n \leq 9$ we obtained that the EA-class coincides with the CCZ-class, implying that for these dimensions the inverse function is CCZ-equivalent to a permutation if and only if they are affine equivalent.

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Appendix 1

REPRESENTATIVES EA-CLASSES GF(64)

Function:

$$x^3$$

#EA-Classes: 3

Degrees: {#2,3,4*}

Representatives:

[

$$u^{55}x^{56} + u^{58}x^{52} + u^{51}x^{50} + u^{55}x^{49} + u^{27}x^{48} + u^{61}x^{44} + u^{8}x^{42} + u^{41}x^{41} + u^{33}x^{38} + u^{49}x^{37} + u^{24}x^{36} + u^{35}x^{35} + u^{19}x^{34} + u^{33}x^{33} + u^{50}x^{32} + u^{35}x^{28} + u^{23}x^{26} + u^{29}x^{25} + u^{15}x^{24} + ux^{22} + u^{51}x^{21} + u^{53}x^{20} + u^{33}x^{19} + u^{38}x^{18} + u^{36}x^{17} + u^{28}x^{16} + u^{8}x^{14} + u^{22}x^{13} + u^{34}x^{12} + u^{23}x^{11} + u^{57}x^{10} + ux^9 + u^{12}x^8 + u^{59}x^7 + u^{12}x^6 + u^{18}x^5 + u^{29}x^4 + u^{8}x^3 + u^{15}x^2 + u^{16}x,$$

$$x^3,$$

$$u^{24}x^{60} + u^{55}x^{58} + u^{54}x^{57} + u^{7}x^{56} + u^{48}x^{54} + u^{16}x^{53} + u^{13}x^{52} + u^{51}x^{51} + u^{4}x^{50} + u^{62}x^{49} + u^{54}x^{48} + u^{44}x^{46} + u^{39}x^{45} + u^2x^{44} + u^{38}x^{43} + u^{50}x^{42} + u^{51}x^{41} + u^{16}x^{40} + u^{45}x^{39} + u^{14}x^{38} + u^{35}x^{36} + u^{53}x^{35} + u^{45}x^{34} + u^{56}x^{33} + u^{61}x^{32} + u^9x^{30} + u^{31}x^{29} + u^{28}x^{28} + u^{21}x^{27} + u^{59}x^{26} + u^{59}x^{25} + u^{33}x^{24} + u^{19}x^{23} + u^{52}x^{22} + u^{10}x^{21} + u^{13}x^{20} + u^{10}x^{19} + u^{61}x^{18} + u^{20}x^{17} + u^{50}x^{16} + u^{33}x^{15} + u^{36}x^{14} + u^{33}x^{13} + u^{15}x^{12} + u^{34}x^{11} + u^{33}x^{10} + u^7x^9 + u^{38}x^8 + u^{45}x^7 + u^{60}x^6 + u^{14}x^5 + u^{34}x^4 + u^{61}x^3 + u^6x^2 + u^{50}x$$

]

Function:

$$x^3 + u^{11}x^6 + ux^9,$$

#EA-Classes: 3

Degrees: {* 2, 3, 4 *}

Representatives:

[

$$ux^9 + u^{11}x^6 + x^3,$$

$$u^{25}x^{60} + u^6x^{58} + u^{55}x^{57} + u^{24}x^{56} + u^{49}x^{54} + u^{17}x^{53} + u^{12}x^{52} + u^{52}x^{51} + u^{59}x^{50} + u^{51}x^{49} + u^{42}x^{48} + u^{45}x^{46} + u^{40}x^{45} + u^7x^{44} + u^{39}x^{43} + u^{28}x^{42} + u^{29}x^{41} + u^{41}x^{40} + u^{46}x^{39} + u^{14}x^{38} + u^{59}x^{37} + u^{27}x^{36} + u^{8}x^{35} + u^{57}x^{34} + u^{10}x^{33} + u^{58}x^{32} + u^{10}x^{30} + u^{32}x^{29} + u^{22}x^{28} + u^{22}x^{27} + u^{45}x^{26} + u^{36}x^{25} + u^{44}x^{24} + u^{20}x^{23} + u^{37}x^{22} + u^{40}x^{21} + u^{47}x^{20} + u^{49}x^{19} + u^{60}x^{18} + u^{54}x^{17} + x^{16} + u^{34}x^{15} + u^{37}x^{14} + u^{57}x^{13} + u^{25}x^{12} + u^{16}x^{11} + u^{37}x^{10} + u^7x^9 + u^{20}x^8 + u^{51}x^7 + u^{11}x^6 + u^{10}x^5 + u^7x^4 + u^{48}x^3 + u^{43}x^2 + u^{14}x,$$

$$u^{47}x^{56} + u^{11}x^{52} + u^{59}x^{50} + u^{54}x^{49} + u^{10}x^{48} + u^4x^{44} + u^{61}x^{42} + u^{55}x^{41} + u^{45}x^{40} + u^{28}x^{38} + u^{38}x^{37} + u^{34}x^{36} + u^{21}x^{35} + u^{12}x^{34} + u^{57}x^{33} + u^7x^{32} + u^{34}x^{28} + u^{60}x^{26} + u^9x^{25} + u^4x^{24} + u^{49}x^{22} + u^{36}x^{21} + u^8x^{20} + u^{21}x^{19} + u^{30}x^{18} + x^{17} + u^{53}x^{16} + u^{17}x^{14} + u^{13}x^{13} + u^{58}x^{12} + u^{28}x^{11} + u^{30}x^{10} + u^{16}x^9 + u^{27}x^8 + u^2x^7 + u^{17}x^6 + u^{15}x^5 + u^7x^4 + u^7x^3 + u^2x^2 + u^{10}x$$

]

Function:

$$ux^5 + x^9 + u^4x^{17} + ux^{18} + u^4x^{20} + ux^{24} + u^4x^{34} + ux^{40}$$

#EA-Classes: 19

Degrees: {* 2, 3¹¹, 4¹¹ *}

Representatives:

[

$$u^{26}x^{56} + u^{41}x^{52} + u^{49}x^{50} + u^{46}x^{49} + u^{20}x^{48} + u^{37}x^{44} + u^{26}x^{42} + u^{22}x^{41} + u^{29}x^{40} + u^{21}x^{38} + u^6x^{37} + u^{24}x^{36} + u^{50}x^{35} + u^{34}x^{34} + u^{52}x^{33} + u^{47}x^{32} + u^{14}x^{28} + u^{47}x^{26} + u^{48}x^{25} + u^{56}x^{24} + u^{21}x^{22} + u^{36}x^{21} + u^{21}x^{20} + u^5x^{19} + u^6x^{18} + u^{39}x^{17} + u^{32}x^{16} + u^6x^{14} + u^2x^{13} + u^{15}x^{12} + u^{44}x^{11} + u^{19}x^{10} + u^{52}x^9 + u^{34}x^8 + u^{58}x^7 + u^{61}x^6 + u^{29}x^5 + u^{48}x^4 + u^{19}x^3 + u^{17}x^2 + u^2x,$$

$$u^{38}x^{56} + u^{29}x^{52} + u^{24}x^{50} + u^8x^{49} + u^{43}x^{44} + u^{17}x^{42} + u^{28}x^{41} + u^{53}x^{40} + u^{41}x^{38} + u^{60}x^{37} + u^{26}x^{36} + u^{15}x^{35} + u^{36}x^{34} + u^{34}x^{33} + u^{31}x^{32} + u^{25}x^{28} + u^{50}x^{26} + ux^{25} + u^{15}x^{24} + u^{12}x^{24} + u^{62}x^{22} + u^9x^{21} + u^{37}x^{20} + u^{36}x^{19} + x^{18} + u^2x^{17} + u^{42}x^{16} + u^{45}x^{14} + u^{15}x^{13} + u^5x^{12} + u^{16}x^{11} + u^{57}x^{10} + u^{44}x^9 + u^{44}x^8 + u^{26}x^7 + u^{11}x^6 + u^{14}x^5 + u^{28}x^4 + u^{41}x^3 + u^{12}x^2 + u^{17}x,$$

$$ux^{56} + u^{10}x^{52} + u^{31}x^{50} + u^2x^{49} + u^{26}x^{48} + u^{43}x^{44} + u^{49}x^{42} + u^9x^{41} + u^8x^{40} + u^{33}x^{38} + u^{11}x^{37} + u^{16}x^{36} + u^{23}x^{35} + u^9x^{34} + u^2x^{33} + u^{35}x^{32} + u^{60}x^{28} + u^9x^{26} + u^{15}x^{25} + u^{12}x^{24} + u^{62}x^{22} + u^9x^{21} + u^{37}x^{20} + u^{36}x^{19} + x^{18} + u^2x^{17} + u^{42}x^{16} + u^{45}x^{14} + u^{15}x^{13} + u^5x^{12} + u^{16}x^{11} + u^5x^{10} + u^{15}x^9 + u^{31}x^8 + u^{46}x^7 + u^{46}x^6 + u^{43}x^5 + u^{28}x^4 + u^{49}x^3 + u^6x^2 + u^{57}x,$$

$$u^{54}x^{56} + u^{62}x^{52} + u^{26}x^{50} + u^8x^{49} + u^{36}x^{48} + u^{33}x^{44} + u^8x^{42} + u^{53}x^{41} + x^{40} + u^9x^{38} + u^{20}x^{37} + u^{36}x^{36} + u^{33}x^{35} + u^{43}x^{34} + u^{15}x^{33} + u^{14}x^{32} + u^{12}x^{28} + u^{60}x^{26} + u^7x^{25} + u^{53}x^{24} + u^{18}x^{22} + u^{39}x^{21} + u^{44}x^{20} + u^{37}x^{19} + u^{23}x^{18} + u^{21}x^{17} + u^{28}x^{16} + u^{12}x^{14} + u^{54}x^{13} + u^6x^{12} + u^{45}x^{11} + u^{53}x^{10} + u^9x^9 + ux^8 + u^6x^7 + u^{55}x^6 + u^{30}x^5 + u^{38}x^4 + u^4x^3 + u^{36}x^2 + u^{44}x,$$

$$u^{17}x^{60} + u^{61}x^{58} + u^{47}x^{57} + u^{20}x^{56} + u^{41}x^{54} + u^9x^{53} + u^{31}x^{52} + u^{44}x^{51} + u^5x^{50} + u^{61}x^{49} + u^{38}x^{48} + u^{37}x^{46} + u^{32}x^{45} + u^{35}x^{44} + u^{31}x^{43} + u^{10}x^{42} + u^{27}x^{41} + u^{54}x^{40} + u^{38}x^{39} + u^{44}x^{38} + u^{20}x^{37} + u^8x^{36} + u^{37}x^{35} + u^{57}x^{34} + u^{14}x^{33} + u^{21}x^{32} + u^2x^{30} + u^{24}x^{29} + u^{27}x^{28} + u^{14}x^{27} + u^{32}x^{26} + u^{30}x^{25} + u^{45}x^{24} + u^{12}x^{23} + u^{59}x^{22} + u^{11}x^{21} + u^{49}x^{20} + u^{38}x^{19} + u^{37}x^{18} + u^{35}x^{17} + u^{32}x^{16} + u^{26}x^{15} + u^4x^{14} + u^{28}x^{13} + u^{37}x^{12} + u^{50}x^{11} + u^{23}x^{10} + u^{23}x^9 + u^{40}x^8 + u^{33}x^7 + u^{13}x^6 + u^{16}x^5 + u^{18}x^4 + u^7x^3 + u^{25}x^2 + u^{54}x,$$

$$u^{19}x^{56} + u^{60}x^{52} + u^{16}x^{50} + u^{34}x^{49} + u^{41}x^{48} + u^{50}x^{44} + u^{31}x^{42} + u^{24}x^{41} + u^{12}x^{40} + u^2x^{38} + u^3x^{37} + u^{61}x^{36} + u^{19}x^{35} + u^{29}x^{34} + u^{39}x^{33} + u^{31}x^{32} + u^{52}x^{28} + u^{45}x^{26} + u^{38}x^{25} + u^{16}x^{24} + u^{62}x^{22} + u^{16}x^{21} + u^{18}x^{20} + u^{16}x^{19} + u^{53}x^{18} + u^8x^{17} + u^5x^{16} + u^{51}x^{14} + u^{39}x^{13} + u^{42}x^{12} + u^{45}x^{11} + u^{24}x^{10} + u^{37}x^9 + u^{46}x^8 + u^{20}x^7 + u^{44}x^6 + u^{48}x^5 + u^{41}x^4 + u^2x^3 + u^{16}x^2 + u^{23}x,$$

$$u^{24}x^{60} + u^5x^{58} + u^{54}x^{57} + u^{12}x^{56} + u^{48}x^{54} + u^{16}x^{53} + u^{20}x^{52} + u^{51}x^{51} + u^{47}x^{50} + u^{19}x^{49} + u^{61}x^{48} + u^{44}x^{46} + u^{39}x^{45} + u^{16}x^{44} + u^{38}x^{43} + u^{42}x^{42} + u^{62}x^{41} + u^{36}x^{40} + u^{45}x^{39} + u^{50}x^{38} + u^{20}x^{37} + u^7x^{36} + u^8x^{35} + u^{58}x^{34} + ux^{33} + u^{27}x^{32} + u^9x^{30} + u^{31}x^{29} + u^{50}x^{28} + u^{21}x^{27} + u^{44}x^{26} + u^5x^{25} + u^{23}x^{24} + u^{19}x^{23} + u^3x^{22} + u^{18}x^{21} + u^{14}x^{20} + u^{13}x^{19} + u^{16}x^{18} + u^{42}x^{17} + u^{44}x^{16} + u^{33}x^{15} + u^{41}x^{14} + u^{28}x^{13} + u^{27}x^{12} + u^{62}x^{11} + u^{22}x^{10} + u^{52}x^9 + u^{50}x^8 + u^{24}x^7 + u^{20}x^6 + u^{49}x^5 + u^6x^4 + u^{10}x^3 + u^{34}x^2 + u^{11}x,$$

$$u^{40}x^{56} + u^{44}x^{52} + u^{12}x^{50} + u^{41}x^{49} + x^{48} + u^{17}x^{44} + u^{18}x^{42} + u^{20}x^{41} + u^{16}x^{40} + u^{17}x^{38} + u^3x^{37} + u^{45}x^{36} + u^{13}x^{35} + u^{38}x^{34} + u^8x^{33} + u^{54}x^{32} + u^7x^{26} + u^{56}x^{25} + u^4x^{24} + u^{46}x^{22} + u^{56}x^{21} + u^{33}x^{20} + u^{14}x^{19} + u^{56}x^{18} + u^{43}x^{17} + u^{27}x^{16} + u^{31}x^{14} + u^{28}x^{13} + u^{28}x^{12} + u^{30}x^{11} + u^{29}x^{10} + u^{48}x^9 + u^{24}x^8 + u^{33}x^7 + u^{43}x^6 + ux^5 + u^7x^4 + u^{62}x^3 + u^{46}x^2 + u^{62}x,$$

$$u^{57}x^{56} + u^{12}x^{52} + u^{43}x^{50} + u^{53}x^{49} + u^3x^{48} + u^{12}x^{44} + u^5x^{42} + ux^{41} + u^{38}x^{40} + u^{17}x^{38} + u^{45}x^{37} + u^{22}x^{36} + u^{11}x^{35} + u^{41}x^{34} + u^{46}x^{33} + u^3x^{32} + u^{46}x^{28} + u^{59}x^{26} + u^{20}x^{25} + u^3x^{24} + u^{46}x^{22} + u^{38}x^{21} + u^6x^{20} + u^{18}x^{19} + u^{43}x^{18} + u^{34}x^{17} + u^8x^{16} + u^{10}x^{14} + u^{42}x^{13} + u^{42}x^{12} + u^5x^{11} + u^{11}x^{10} + u^{55}x^9 + u^4x^8 + u^{31}x^7 + u^{50}x^6 + u^9x^5 + u^3x^4 + u^{45}x^3 + ux,$$

$$u^{24}x^{56} + u^{26}x^{52} + u^2x^{50} + u^3x^{49} + u^{16}x^{48} + u^{14}x^{44} + u^{36}x^{42} + u^{48}x^{41} + u^{22}x^{38} + u^{55}x^{37} + u^{32}x^{36} + u^{21}x^{35} + u^9x^{34} + u^{59}x^{33} + u^6x^{32} + u^{42}x^{28} + u^{11}x^{26} + u^{11}x^{25} + u^5x^{24} + u^{56}x^{22} + u^{11}x^{21} + u^{38}x^{20} + u^{30}x^{19} + u^{36}x^{18} + u^{10}x^{17} + u^{59}x^{16} + u^{32}x^{14} + u^{24}x^{13} + u^{10}x^{12} + u^{41}x^{11} + u^{41}x^{10} + u^{54}x^9 + u^{39}x^7 + u^{19}x^6 + u^{32}x^5 + u^{54}x^4 + u^{60}x^3 + u^3x^2 + u^{35}x,$$

$$u^8x^{56} + u^{15}x^{52} + u^{17}x^{50} + u^{40}x^{49} + u^{33}x^{48} + u^{40}x^{44} + u^{11}x^{42} + u^{41}x^{41} + u^{29}x^{40} + u^{32}x^{38} + u^{25}x^{37} + u^{38}x^{36} + u^{52}x^{35} + u^{21}x^{34} + u^{46}x^{33} + u^{44}x^{32} + u^{58}x^{28} + u^{26}x^{25} + u^{20}x^{24} + u^2x^{22} + u^{13}x^{21} + u^{46}x^{20} + u^{34}x^{19} + u^{21}x^{18} + u^7x^{17} + u^{30}x^{16} + u^{16}x^{14} + u^{61}x^{13} + u^3x^{12} + u^{21}x^{11} + u^{24}x^{10} + u^{41}x^9 + u^{19}x^8 + u^{25}x^7 + u^2x^6 + u^{56}x^5 + u^{35}x^4 + u^{43}x^3 + u^{40}x^2 + u^9x,$$

$$u^{32}x^{60} + u^{13}x^{58} + u^{62}x^{57} + u^{11}x^{56} + u^{56}x^{54} + u^{24}x^{53} + u^{36}x^{52} + u^{59}x^{51} + x^{50} + u^{29}x^{49} + u^{42}x^{48} + u^{52}x^{46} + u^{47}x^{45} + u^{33}x^{44} + u^{46}x^{43} + u^{6}x^{42} + u^{27}x^{41} + u^{23}x^{40} + u^{53}x^{39} + u^{17}x^{38} + u^{60}x^{37} + x^{36} + u^{54}x^{35} + u^{49}x^{34} + u^{15}x^{33} + u^{47}x^{32} + u^{17}x^{30} + u^{39}x^{29} + u^{31}x^{28} + u^{29}x^{27} + u^{42}x^{26} + u^{41}x^{25} + u^{22}x^{24} + u^{27}x^{23} + u^{23}x^{22} + u^{39}x^{21} + u^{27}x^{20} + u^{30}x^{19} + u^{47}x^{18} + u^{30}x^{17} + u^{15}x^{16} + u^{41}x^{15} + u^{57}x^{14} + u^{20}x^{13} + u^{38}x^{12} + u^{10}x^{11} + u^{52}x^{10} + u^{58}x^9 + u^{36}x^8 + u^{48}x^7 + u^{44}x^6 + u^{31}x^5 + u^{36}x^4 + u^{55}x^3 + u^{55}x^2 + u^{55}x,$$
$$u^{14}x^{56} + u^{51}x^{52} + u^{27}x^{50} + u^{19}x^{49} + u^{36}x^{48} + u^{8}x^{44} + u^{61}x^{42} + u^{2}x^{41} + u^{18}x^{40} + u^{52}x^{38} + u^{5}x^{37} + u^{54}x^{36} + u^{54}x^{35} + u^{24}x^{34} + u^{23}x^{33} + u^{17}x^{32} + u^{55}x^{28} + u^{34}x^{26} + u^{2}x^{25} + u^{10}x^{24} + u^{34}x^{22} + u^{27}x^{21} + u^{29}x^{20} + u^{27}x^{19} + u^{54}x^{18} + u^{49}x^{17} + u^{56}x^{16} + u^{56}x^{14} + u^{37}x^{13} + u^{20}x^{12} + u^{37}x^{11} + u^{45}x^{10} + u^{52}x^9 + u^{24}x^8 + u^{13}x^7 + u^{60}x^6 + u^{56}x^5 + u^{53}x^4 + u^{34}x^3 + u^{57}x^2 + u^{19}x,$$
$$u^{30}x^{56} + u^{10}x^{52} + u^{56}x^{50} + u^{14}x^{49} + u^{37}x^{48} + u^{60}x^{44} + u^{10}x^{42} + u^{23}x^{41} + u^{42}x^{40} + u^{61}x^{38} + u^{39}x^{37} + u^{18}x^{36} + u^{58}x^{35} + u^{42}x^{34} + u^{42}x^{33} + u^{25}x^{32} + u^{10}x^{28} + u^{27}x^{26} + u^{44}x^{25} + u^{59}x^{24} + u^{2}x^{22} + u^{53}x^{21} + u^{28}x^{20} + u^{35}x^{19} + u^{46}x^{18} + u^{3}x^{17} + u^{47}x^{16} + u^{52}x^{14} + u^{53}x^{13} + u^{30}x^{12} + u^{46}x^{11} + x^{10} + u^{26}x^9 + u^{45}x^8 + u^{12}x^7 + u^{59}x^6 + u^{41}x^5 + u^{58}x^4 + u^{49}x^3 + x^2 + u^{49}x,$$
$$u^{61}x^{56} + u^{33}x^{52} + u^{44}x^{50} + u^{12}x^{49} + u^{42}x^{48} + u^{19}x^{44} + u^{9}x^{42} + u^{47}x^{40} + u^{15}x^{38} + u^{19}x^{37} + u^{58}x^{36} + u^{56}x^{35} + u^{10}x^{34} + u^{3}x^{33} + u^{5}x^{32} + u^{28}x^{28} + x^{26} + u^{30}x^{25} + u^{46}x^{24} + u^{19}x^{22} + u^{29}x^{21} + u^{9}x^{20} + u^{15}x^{19} + u^{38}x^{18} + u^{10}x^{17} + u^{26}x^{16} + x^{14} + u^{4}x^{13} + u^{9}x^{12} + u^{31}x^{11} + u^{59}x^{10} + u^{44}x^9 + u^{4}x^8 + u^{24}x^7 + u^{40}x^6 + u^{18}x^5 + x^4 + u^{37}x^3 + u^{28}x^2 + u^{24}x,$$
$$u^{35}x^{56} + u^{23}x^{52} + u^{46}x^{50} + u^{27}x^{49} + u^{56}x^{48} + u^{6}x^{44} + u^{9}x^{42} + u^{40}x^{41} + u^{14}x^{40} + u^{59}x^{38} + u^{62}x^{37} + u^{11}x^{36} + u^{17}x^{35} + u^{27}x^{34} + u^{32}x^{33} + u^{31}x^{32} + u^{39}x^{28} + u^{11}x^{26} + u^{33}x^{25} + u^{11}x^{24} + u^{23}x^{22} + u^{46}x^{21} + u^{45}x^{20} + u^{29}x^{19} + u^{50}x^{18} + u^{7}x^{17} + u^{28}x^{16} + u^{49}x^{14} + u^{18}x^{13} + u^{3}x^{12} + u^{21}x^{11} + u^{32}x^{10} + u^{33}x^9 + u^{8}x^8 + u^{30}x^7 + u^{39}x^6 + u^{54}x^5 + u^{48}x^4 + u^{18}x^3 + u^{26}x^2 + u^{17}x,$$
$$x^{56} + u^{14}x^{52} + u^{60}x^{50} + u^{13}x^{49} + u^{20}x^{48} + u^{9}x^{44} + u^{47}x^{42} + u^{2}x^{41} + u^{11}x^{40} + u^{21}x^{38} + u^{29}x^{37} + x^{36} + u^{35}x^{35} + x^{34} + u^{16}x^{33} + u^{22}x^{32} + u^{21}x^{28} + u^{16}x^{26} + u^{31}x^{24} + u^{26}x^{22} + u^{49}x^{21} + u^{60}x^{18} + u^{6}x^{17} + u^{14}x^{16} + u^{8}x^{14} + u^{37}x^{13} + u^{37}x^{12} + u^{16}x^{11} + u^{8}x^{10} + u^{15}x^9 + u^{60}x^8 + u^{25}x^7 + u^{30}x^6 + u^{23}x^5 + u^{37}x^4 + u^{43}x^3 + u^{35}x^2 + u^{44}x,$$
$$u^{12}x^{56} + u^{58}x^{52} + u^{33}x^{50} + u^{62}x^{49} + u^{51}x^{48} + u^{27}x^{44} + u^{58}x^{42} + u^{52}x^{41} + u^{43}x^{40} + u^{48}x^{38} + u^{40}x^{37} + u^{23}x^{36} + u^{27}x^{35} + u^{22}x^{34} + u^{52}x^{33} + u^{39}x^{32} + u^{2}x^{28} + u^{60}x^{26} + u^{2}x^{25} + u^{59}x^{24} + u^{37}x^{22} + u^{55}x^{21} + u^{27}x^{20} + u^{3}x^{19} + u^{54}x^{18} + u^{20}x^{17} + u^{24}x^{16} + u^{13}x^{14} + u^{49}x^{13} + u^{32}x^{12} + u^{39}x^{11} + u^{26}x^{10} + u^{24}x^9 + u^{31}x^8 + u^{49}x^7 + u^{3}x^6 + u^{20}x^5 + u^{54}x^4 + u^{59}x^3 + u^{10}x^2 + u^{51}x$$

Function:
$$u^7x^3 + x^5 + u^3x^9 + u^4x^{10} + x^{17} + u^6x^{18},$$

#EA—Classes: 13

Degrees: { * 2, 3⁹, 4¹³ * }

Representatives:

[
$$u^{10}x^{56} + u^{2}x^{52} + u^{62}x^{50} + u^{29}x^{49} + u^{24}x^{48} + u^{52}x^{44} + u^{29}x^{42} + u^{48}x^{41} + u^{26}x^{40} + u^{62}x^{38} + u^{23}x^{37} + u^{30}x^{36} + u^{59}x^{35} + u^{47}x^{34} + u^{9}x^{33} + u^{59}x^{32} + u^{38}x^{28} + u^{29}x^{26} + u^{58}x^{25} + u^{57}x^{24} + u^{22}x^{22} + u^{62}x^{21} + u^{60}x^{20} + u^{54}x^{19} + u^{47}x^{18} + u^{26}x^{17} + u^{51}x^{16} + u^{15}x^{14} + u^{46}x^{13} + u^{12}x^{12} + u^{35}x^{11} + u^{42}x^{10} + u^{42}x^9 + u^{44}x^8 + u^{57}x^7 + u^{28}x^6 + u^{10}x^5 + u^{56}x^4 + u^{56}x^3 + u^{12}x^2 + u^{36}x,$$
$$u^{35}x^{60} + u^{16}x^{58} + u^{2}x^{57} + u^{16}x^{56} + u^{59}x^{54} + u^{27}x^{53} + u^{47}x^{52} + u^{62}x^{51} + u^{45}x^{50} + u^{40}x^{49} + u^{35}x^{48} + u^{55}x^{46} + u^{50}x^{45} + u^{56}x^{44} + u^{49}x^{43} + u^{36}x^{42} + u^{23}x^{41} + u^{50}x^{40} + u^{56}x^{39} + u^{26}x^{38} + u^{40}x^{37} + u^{11}x^{36} + u^{39}x^{35} + u^{28}x^{34} + u^{6}x^{33} + u^{3}x^{32} + u^{20}x^{30} + u^{42}x^{29} + x^{28} + u^{32}x^{27} + u^{12}x^{26} + u^{37}x^{25} + u^{12}x^{24} + u^{30}x^{23} + u^{7}x^{22} + u^{25}x^{21} + u^{39}x^{20} + u^{61}x^{19} + u^{2}x^{18} + u^{39}x^{17} + u^{43}x^{16} + u^{44}x^{15} + u^{23}x^{14} + u^{35}x^{13} + u^{8}x^{12} + u^{18}x^{11} + u^{33}x^{10} + u^{12}x^9 + u^{52}x^8 + u^{52}x^7 + u^{39}x^6 + u^{60}x^5 + u^{9}x^4 + u^{47}x^3 + u^{54}x^2 + u^{13}x,$$
$$u^{41}x^{56} + u^{58}x^{52} + x^{50} + u^{8}x^{49} + u^{20}x^{48} + u^{28}x^{44} + u^{5}x^{42} + u^{29}x^{41} + x^{40} + u^{36}x^{38} + u^{2}x^{37} + u^{44}x^{36} + u^{25}x^{35} + u^{55}x^{34} + u^{16}x^{33} + u^{16}x^{32} + u^{44}x^{28} + u^{56}x^{26} + u^{51}x^{25} + u^{52}x^{24} + u^{54}x^{22} + u^{36}x^{21} + u^{44}x^{20} + u^{36}x^{20} + u^{36}x^{20} + u^{57}x^{18} + u^{36}x^{17} + u^{4}x^{16} + u^{29}x^{14} + u^{21}x^{13} + u^{16}x^{12} + u^{55}x^{11} + u^{24}x^{10} + u^{8}x^9 + u^{49}x^8 + u^{25}x^7 + u^{44}x^6 + u^{46}x^4 + u^{31}x^3 + u^{35}x^2 + u^{42}x,$$
$$u^{17}x^{56} + u^{10}x^{52} + u^{25}x^{50} + u^{59}x^{49} + u^{49}x^{48} + u^{36}x^{44} + u^{28}x^{42} + u^{61}x^{41} + u^{20}x^{40} + u^{59}x^{38} + u^{15}x^{37} + u^{41}x^{36} + u^{53}x^{35} + u^{38}x^{34} + u^{9}x^{33} + u^{10}x^{32} + u^{16}x^{28} + u^{38}x^{26} + u^{8}x^{25} + u^{55}x^{24} + u^{8}x^{22} + u^{45}x^{21} + u^{20}x^{20} + u^{23}x^{19} + u^{28}x^{18} + u^{20}x^{17} + u^{15}x^{16} + u^{26}x^{14} + u^{50}x^{12} + u^{28}x^{11} + u^{9}x^{10} + u^{49}x^9 + u^{38}x^8 + u^{50}x^7 + u^{10}x^6 + u^{45}x^5 + u^{59}x^4 + u^{37}x^3 + u^{25}x^2 + u^{41}x,$$
$$u^{12}x^{56} + u^{35}x^{52} + u^{51}x^{50} + u^{19}x^{49} + u^{54}x^{48} + u^{46}x^{44} + u^{28}x^{42} + u^{30}x^{41} + u^{28}x^{40} + u^{61}x^{38} + u^{41}x^{37} + u^{60}x^{36} + u^{26}x^{35} + u^{33}x^{34} + u^{50}x^{33} + u^{27}x^{32} + u^{44}x^{28} + u^{62}x^{26} + u^{10}x^{25} + u^{12}x^{24} + u^{31}x^{22} + u^{11}x^{21} + u^{27}x^{20} + u^{53}x^{19} + u^{30}x^{18} + u^{62}x^{17} + u^{6}x^{16} + u^{46}x^{14} + u^{34}x^{13} + u^{38}x^{12} + u^{8}x^{11} + u^{18}x^{10} + u^{28}x^9 + u^{16}x^8 + u^{43}x^7 + u^{19}x^6 + u^{34}x^5 + u^{20}x^4 + u^{22}x^3 + u^{21}x^2 + u^{20}x,$$
$$u^{24}x^{60} + u^{5}x^{58} + u^{54}x^{57} + u^{51}x^{56} + u^{48}x^{54} + u^{16}x^{53} + u^{37}x^{52} + u^{51}x^{51} + u^{3}x^{50} + x^{49} + u^{38}x^{48} + u^{44}x^{46} + u^{39}x^{45} + u^{48}x^{44} + u^{38}x^{43} + u^{49}x^{42} + u^{27}x^{41} + u^{25}x^{40} + u^{45}x^{39} + u^{29}x^{38} + u^{53}x^{37} + u^{7}x^{36} + u^{6}x^{35} + u^{31}x^{34} + u^{3}x^{33} + u^{33}x^{32} + u^{9}x^{30} + u^{31}x^{29} + u^{23}x^{28} + u^{21}x^{27} + u^{16}x^{26} + u^{41}x^{25} + u^{44}x^{24} + u^{19}x^{23} + u^{56}x^{22} + u^{21}x^{21} + u^{5}x^{20} + u^{45}x^{19} + u^{48}x^{18} + u^{34}x^{17} + x^{16} + u^{33}x^{15} + u^{17}x^{14} + u^{61}x^{13} + u^{54}x^{12} + u^{10}x^{11} + u^{44}x^{10} + u^{3}x^9 + u^{16}x^8 + u^{18}x^7 + x^6 + u^{39}x^5 + u^{19}x^4 + u^{4}x^3 + u^{6}x^2 + u^{16}x,$$
$$u^{6}x^{18} + x^{17} + u^4x^{10} + u^3x^9 + x^5 + u^7x^3,$$
$$u^{38}x^{56} + u^{18}x^{52} + u^4x^{50} + u^{52}x^{49} + u^{62}x^{48} + u^{47}x^{44} + u^{10}x^{42} + u^{44}x^{41} + u^{44}x^{40} + u^{15}x^{38} + u^{10}x^{37} + u^{61}x^{36} + u^{31}x^{35} + u^{46}x^{34} + u^{62}x^{33} + u^{11}x^{32} + u^{60}x^{28} + u^{30}x^{26} + u^{29}x^{25} + u^{25}x^{24} + u^{34}x^{22} + u^{12}x^{21} + u^{13}x^{20} + u^{11}x^{18} + u^{35}x^{17} + u^{7}x^{16} + u^{31}x^{14} + x^{13} + u^{13}x^{12} + u^{49}x^{11} + u^{10}x^{10} + u^{32}x^9 + u^{57}x^8 + u^{59}x^7 + u^{60}x^6 + u^{20}x^5 + u^{30}x^4 + u^{11}x^3 + u^{53}x^2 + u^{12}x,$$
$$u^{47}x^{56} + u^{20}x^{52} + u^{42}x^{50} + u^{46}x^{49} + u^{59}x^{48} + u^{54}x^{44} + u^{2}x^{42} + u^{21}x^{41} + u^{9}x^{40} + u^{45}x^{38} + u^{23}x^{37} + u^{52}x^{36} + u^{2}x^{34} + u^{37}x^{33} + u^{56}x^{32} + u^{44}x^{28} + u^{23}x^{26} + u^{4}x^{25} + u^{11}x^{24} + u^{52}x^{22} + u^{14}x^{21} + u^{24}x^{20} + u^{8}x^{19} + u^{26}x^{18} + u^{9}x^{17} + u^{29}x^{16} + u^{54}x^{14} + u^{13}x^{13} + u^{48}x^{12} + u^{52}x^{11} + u^{44}x^{10} + u^{49}x^9 + u^{38}x^8 + u^{51}x^7 + u^{57}x^6 + u^{42}x^5 + u^{53}x^4 + u^{9}x^3 + u^{21}x^2 + u^{17}x,$$
$$u^{25}x^{56} + u^{60}x^{52} + u^{25}x^{50} + u^{18}x^{49} + u^{11}x^{48} + u^{60}x^{44} + u^{48}x^{42} + u^{12}x^{40} + u^{51}x^{38} + u^{20}x^{37} + u^{28}x^{36} + u^{15}x^{35} + u^{7}x^{34} + u^{17}x^{33} + u^{42}x^{32} + u^{19}x^{28} + u^{29}x^{26} + u^{13}x^{25} + u^{62}x^{24} + u^{20}x^{22} + u^{31}x^{21} + u^{24}x^{20} + u^{51}x^{19} + u^{18}x^{18} + u^{57}x^{17} + u^{14}x^{16} + u^{41}x^{14} + u^{20}x^{13} + u^{2}x^{12} + u^{57}x^{11} + u^{8}x^{10} + u^{16}x^9 + u^{56}x^8 + u^{3}x^7 + u^{28}x^6 + u^{61}x^5 + u^{2}x^4 + u^{35}x^3 + u^{30}x^2 + u^{20}x,$$
$$u^{10}x^{60} + u^{54}x^{58} + u^{40}x^{57} + u^{28}x^{56} + u^{34}x^{54} + u^{2}x^{53} + u^{3}x^{52} + u^{37}x^{51} + u^{51}x^{50} + u^{14}x^{49} + u^{25}x^{48} + u^{30}x^{46} + u^{25}x^{45} + u^{41}x^{44} + u^{24}x^{43} + u^{23}x^{42} + u^{18}x^{41} + u^{59}x^{40} + u^{31}x^{39} + u^{29}x^{38} + u^{53}x^{37} + u^{45}x^{36} + u^{23}x^{35} + u^{14}x^{34} + u^{43}x^{33} + u^{34}x^{32} + u^{58}x^{30} + u^{17}x^{29} + u^{51}x^{28} + u^{7}x^{27} + u^{62}x^{26} + u^{17}x^{25} + u^{17}x^{24} + u^{5}x^{23} + u^{51}x^{22} + u^{34}x^{21} + u^{50}x^{20} + u^{28}x^{19} + u^{53}x^{18} + u^{32}x^{17} + u^{13}x^{16} + u^{19}x^{15} + u^{30}x^{14} + u^{33}x^{13} + u^{13}x^{12} + u^{45}x^{11} + u^{32}x^{10} + u^{5}x^9 + u^{36}x^8 + u^{17}x^7 + u^{49}x^6 + u^{47}x^5 + u^{28}x^4 + u^{60}x^3 + u^{57}x^2 + u^{13}x,$$
$$u^{60}x^{56} + u^{43}x^{52} + u^{44}x^{50} + u^{34}x^{49} + u^{17}x^{48} + u^{26}x^{44} + u^{42}x^{42} + u^{5}x^{41} + u^{38}x^{40} + u^{43}x^{38} + u^{4}x^{37} + u^{58}x^{36} + u^{14}x^{35} + u^{9}x^{34} + u^{13}x^{33} + u^{11}x^{32} + u^{39}x^{28} + u^{26}x^{26} + u^{37}x^{25} + u^{30}x^{24} + x^{22} + u^{11}x^{21} + u^{8}x^{20} + u^{41}x^{19} + u^{57}x^{18} + u^{50}x^{17} + u^{56}x^{16} + u^{55}x^{14} + u^{59}x^{12} + u^{4}x^{11} + u^{27}x^{10} + u^{41}x^9 + u^{42}x^8 + u^{9}x^7 + u^{56}x^6 + u^{33}x^5 + u^{27}x^4 + u^{30}x^3 + u^{39}x^2 + u^{53}x,$$
$$u^{17}x^{56} + u^{51}x^{52} + u^{42}x^{50} + u^{61}x^{49} + u^{22}x^{48} + u^{52}x^{44} + u^{2}x^{42} + u^{48}x^{41} + u^{50}x^{40} + u^{14}x^{38} + u^{51}x^{37} + u^{20}x^{36} + u^{49}x^{35} + u^{15}x^{34} + u^{39}x^{33} + u^{56}x^{32} + u^{56}x^{28} + u^{23}x^{26} + u^{37}x^{25} + u^{21}x^{24} + u^{26}x^{22} + u^{5}x^{21} + u^{26}x^{20} + u^{34}x^{18} + u^{59}x^{17} + u^{4}x^{16} + u^{53}x^{14} + u^{8}x^{13} + u^{3}x^{12} + u^{27}x^{11} + u^{59}x^{10} + u^{27}x^9 + u^{5}x^8 + u^{8}x^7 + u^{59}x^6 + u^{18}x^5 + u^{9}x^4 + u^{48}x^3 + u^{3}x^2 + u^{6}x$$

Function:
$$x^3 + u^{12}x^{24} + x^{10},$$

#EA—Classes: 13

Degrees: { * 2, 3⁵, 4¹⁷ * }

Representatives:

[

$$u^{15}x^{56} + u^{52}x^{52} + u^{44}x^{50} + u^{24}x^{49} + u^{43}x^{48} + u^{19}x^{44} + ux^{41} + u^{43}x^{40} + u^{57}x^{38} + u^{17}x^{36} + u^9x^{35} + u^{60}x^{34} + u^{46}x^{33} + u^{40}x^{32} + u^{30}x^{28} + u^{57}x^{26} + u^{23}x^{25} + u^{34}x^{24} + u^{12}x^{22} + u^{16}x^{21} + u^{37}x^{20} + u^{16}x^{19} + u^9x^{18} + u^{17}x^{17} + u^{40}x^{16} + u^{15}x^{14} + u^{62}x^{13} + u^{28}x^{12} + u^{18}x^{11} + u^{48}x^{10} + u^{41}x^9 + u^{57}x^8 + u^{39}x^7 + u^{11}x^6 + u^{53}x^5 + u^6x^4 + u^5x^3 + u^{23}x^2 + u^6x,$$

$$u^{57}x^{60} + u^{56}x^{58} + u^{43}x^{57} + u^{31}x^{56} + u^{29}x^{53} + u^{27}x^{52} + u^{28}x^{51} + u^{35}x^{50} + u^{54}x^{49} + u^{51}x^{48} + ux^{46} + u^{54}x^{44} + u^{50}x^{43} + u^{50}x^{42} + u^{32}x^{41} + u^{49}x^{40} + u^{36}x^{39} + u^{14}x^{38} + u^{16}x^{37} + u^{15}x^{35} + u^{43}x^{34} + u^{23}x^{33} + u^7x^{32} + u^7x^{30} + u^{57}x^{29} + u^{11}x^{26} + u^{49}x^{25} + u^{36}x^{24} + u^{42}x^{23} + u^{40}x^{22} + u^{34}x^{21} + u^9x^{20} + u^{28}x^{19} + u^4x^{18} + u^{50}x^{17} + u^{58}x^{16} + ux^{15} + u^{48}x^{14} + u^{33}x^{13} + u^{31}x^{12} + u^{43}x^{11} + u^{14}x^{10} + u^5x^9 + u^{45}x^8 + u^{60}x^7 + u^{31}x^6 + u^{42}x^5 + u^{10}x^4 + u^{10}x^3 + u^{48}x^2 // PERM P1$$

$$u^{16}x^{60} + u^{60}x^{58} + u^{46}x^{57} + u^{30}x^{56} + u^{40}x^{54} + u^8x^{53} + u^{21}x^{52} + u^{43}x^{51} + u^{31}x^{50} + u^{43}x^{49} + u^{53}x^{48} + u^{36}x^{46} + u^{31}x^{45} + u^{36}x^{44} + u^{30}x^{43} + u^7x^{42} + x^{41} + u^{55}x^{40} + u^{37}x^{39} + u^{57}x^{38} + u^{21}x^{37} + u^{40}x^{36} + u^{10}x^{35} + u^{10}x^{34} + u^{32}x^{33} + u^{21}x^{32} + ux^{30} + u^{23}x^{29} + u^7x^{28} + u^{13}x^{27} + u^{61}x^{26} + u^{16}x^{25} + u^{62}x^{24} + u^{11}x^{23} + x^{22} + u^{29}x^{21} + u^{54}x^{20} + u^{44}x^{19} + u^{52}x^{18} + u^{19}x^{17} + u^{31}x^{16} + u^{25}x^{15} + u^{60}x^{14} + u^{58}x^{13} + u^{11}x^{12} + u^{16}x^{11} + u^{42}x^{10} + u^{56}x^9 + u^{11}x^8 + u^9x^7 + u^{13}x^6 + u^{30}x^5 + u^5x^4 + u^{62}x^3 + u^{42}x^2 + u^{60}x,$$

$$u^5x^{56} + u^{18}x^{52} + u^{47}x^{50} + u^{13}x^{49} + u^{40}x^{48} + u^8x^{44} + u^{37}x^{42} + u^{13}x^{41} + u^{56}x^{40} + u^{41}x^{38} + u^{37}x^{37} + u^{30}x^{36} + u^{12}x^{35} + u^{35}x^{34} + u^{23}x^{33} + u^{47}x^{32} + u^{22}x^{31} + u^{53}x^{26} + u^{34}x^{25} + u^{22}x^{24} + u^7x^{22} + u^7x^{21} + u^{17}x^{20} + u^{17}x^{19} + u^{48}x^{18} + u^{41}x^{17} + u^{48}x^{16} + u^{29}x^{14} + u^{56}x^{13} + u^{26}x^{12} + u^{40}x^{11} + u^{30}x^{10} + u^{24}x^9 + u^{45}x^8 + u^{20}x^7 + u^{42}x^6 + u^{48}x^5 + u^{24}x^3 + u^{11}x^2 + u^{20}x,$$

$$u^{33}x^{60} + u^{14}x^{58} + x^{57} + u^{38}x^{56} + u^{57}x^{54} + u^{25}x^{53} + u^{10}x^{52} + u^{60}x^{51} + u^{36}x^{50} + u^7x^{49} + u^{28}x^{48} + u^{53}x^{46} + u^{48}x^{45} + u^{31}x^{44} + u^{47}x^{43} + u^{49}x^{42} + u^{44}x^{41} + u^{50}x^{40} + u^{54}x^{39} + u^{22}x^{38} + u^{57}x^{37} + u^{13}x^{36} + u^{56}x^{35} + u^{52}x^{34} + u^{11}x^{33} + u^{35}x^{32} + u^{18}x^{30} + u^{40}x^{29} + u^{30}x^{28} + u^{30}x^{27} + u^{16}x^{26} + u^{60}x^{25} + u^{33}x^{24} + u^{28}x^{23} + u^{14}x^{22} + u^{55}x^{21} + u^{57}x^{20} + u^{36}x^{19} + u^{33}x^{18} + u^{54}x^{17} + u^{30}x^{16} + u^{42}x^{15} + u^{47}x^{14} + u^{46}x^{13} + u^{52}x^{12} + u^{14}x^{11} + u^{15}x^{10} + u^{39}x^9 + u^{41}x^8 + u^{18}x^7 + u^{35}x^6 + u^{29}x^5 + u^{36}x^4 + u^{44}x^3 + u^{15}x^2 + u^2x,$$

$$u^{27}x^{56} + u^3x^{52} + u^8x^{50} + u^{62}x^{49} + u^{26}x^{48} + u^{48}x^{44} + u^7x^{42} + u^{16}x^{41} + u^{55}x^{40} + u^7x^{38} + u^{41}x^{37} + u^{38}x^{36} + u^{43}x^{35} + u^{24}x^{34} + u^{49}x^{33} + u^{38}x^{32} + u^{48}x^{28} + u^4x^{26} + u^{34}x^{25} + u^{47}x^{24} + u^{47}x^{22} + u^{50}x^{21} + u^{11}x^{20} + u^9x^{19} + u^{44}x^{18} + u^{41}x^{17} + u^{27}x^{16} + u^{61}x^{14} + u^{43}x^{13} + u^{36}x^{12} + u^{22}x^{11} + u^{34}x^{10} + u^{39}x^9 + u^{47}x^8 + u^{45}x^7 + u^{38}x^6 + u^{48}x^5 + u^{47}x^4 + u^{10}x^3 + u^{16}x^2 + u^{34}x,$$

$$u^{37}x^{60} + u^{18}x^{58} + u^4x^{57} + u^{60}x^{56} + u^{61}x^{54} + u^{29}x^{53} + u^2x^{52} + ux^{51} + u^{18}x^{50} + u^{54}x^{49} + u^{36}x^{48} + u^{57}x^{46} + u^{52}x^{45} + u^{34}x^{44} + u^{51}x^{43} + u^{19}x^{42} + u^{40}x^{41} + u^{61}x^{40} + u^{58}x^{39} + u^{36}x^{38} + u^{50}x^{37} + u^{61}x^{36} + u^{16}x^{35} + u^{43}x^{34} + u^{57}x^{32} + u^{22}x^{30} + u^{44}x^{29} + u^{61}x^{28} + u^{34}x^{27} + u^{21}x^{26} + u^{16}x^{25} + u^2x^{24} + u^{32}x^{23} + u^{41}x^{22} + u^{34}x^{21} + u^6x^{20} + u^{12}x^{19} + u^{16}x^{18} + u^{39}x^{17} + u^3x^{16} + u^{46}x^{15} + u^{35}x^{14} + u^{42}x^{13} + u^{61}x^{12} + u^{27}x^{10} + u^{18}x^9 + u^{50}x^8 + u^{58}x^7 + u^{61}x^6 + ux^5 + u^{24}x^4 + u^{62}x^3 + u^{37}x^2 + u^{42}x,$$

$$ux^{24} + x^{10} + x^3,$$

$$u^{61}x^{60} + u^{60}x^{58} + u^{49}x^{57} + u^{24}x^{56} + u^{21}x^{54} + u^{16}x^{53} + u^{36}x^{52} + u^{35}x^{51} + u^{17}x^{50} + u^{28}x^{49} + u^{14}x^{48} + u^{62}x^{46} + u^9x^{45} + u^{21}x^{44} + u^{29}x^{43} + u^{22}x^{42} + u^{35}x^{41} + u^{41}x^{40} + u^{51}x^{39} + u^{46}x^{38} + u^{37}x^{37} + u^7x^{36} + u^{32}x^{35} + u^{45}x^{34} + u^{16}x^{33} + u^{55}x^{32} + u^{11}x^{30} + u^8x^{29} + u^{29}x^{28} + u^6x^{27} + u^{58}x^{26} + u^{28}x^{24} + u^{15}x^{23} + u^{44}x^{22} + u^{35}x^{21} + u^{33}x^{20} + u^{53}x^{19} + u^{42}x^{18} + u^{50}x^{17} + x^{16} + u^{12}x^{15} + u^{27}x^{14} + u^{30}x^{13} + u^7x^{12} + u^{52}x^{11} + u^{43}x^{10} + u^7x^9 + u^{17}x^8 + u^5x^7 + u^{17}x^6 + u^{43}x^5 + u^{13}x^4 + u^{57}x^3 + u^{35}x^2 + u^{49}x // PERM F3$$

$$u^{16}x^{60} + u^{60}x^{58} + u^{46}x^{57} + u^{13}x^{56} + u^{40}x^{54} + u^8x^{53} + u^{62}x^{52} + u^{43}x^{51} + u^{14}x^{50} + u^{30}x^{49} + u^{13}x^{48} + u^{36}x^{46} + u^{31}x^{45} + u^{30}x^{44} + u^{30}x^{43} + u^7x^{42} + u^{51}x^{41} + u^{48}x^{40} + u^{37}x^{39} + u^{20}x^{38} + u^{14}x^{37} + u^{17}x^{36} + u^{37}x^{35} + u^{48}x^{34} + u^{34}x^{33} + u^{24}x^{32} + ux^{30} + u^{23}x^{29} + u^7x^{28} + u^{13}x^{27} + u^4x^{26} + u^{37}x^{25} + u^{50}x^{24} + u^{11}x^{23} + u^{51}x^{22} + u^{34}x^{20} + u^{51}x^{19} + u^{66}x^{18} + u^{11}x^{17} + u^{10}x^{16} + u^{25}x^{15} + u^{33}x^{14} + u^{23}x^{13} + u^{54}x^{12} + u^{48}x^{11} + u^{32}x^{10} + u^{60}x^9 + u^{61}x^8 + u^{48}x^7 + u^{50}x^6 + u^{23}x^5 + u^{22}x^4 + u^7x^3 + u^{45}x^2 + u^{43}x,$$

$$u^{39}x^{56} + u^{60}x^{52} + u^{19}x^{50} + u^{12}x^{48} + u^{12}x^{44} + u^8x^{41} + u^{52}x^{40} + u^{47}x^{38} + u^{62}x^{37} + u^{52}x^{36} + u^9x^{35} + u^{45}x^{34} + u^{10}x^{33} + u^7x^{32} + u^{44}x^{28} + u^3x^{26} + u^{54}x^{25} + u^{19}x^{24} + u^{62}x^{22} + u^3x^{20} + u^{66}x^{19} + ux^{18} + u^{27}x^{17} + x^{16} + u^5x^{14} + ux^{13} + u^{33}x^{12} + u^{13}x^{11} + u^7x^{10} + u^9x^9 + u^{62}x^8 + u^{41}x^7 + u^{16}x^6 + u^9x^5 + u^{24}x^4 + u^4x^3 + u^{48}x^2 + u^{22}x,$$

$$u^{52}x^{56} + u^{60}x^{52} + u^{50}x^{50} + u^{49}x^{49} + u^{44}x^{48} + u^{36}x^{44} + u^{62}x^{42} + u^{58}x^{41} + u^{35}x^{40} + u^{13}x^{38} + u^4x^{37} + u^{49}x^{36} + u^{37}x^{35} + u^6x^{34} + u^{49}x^{33} + u^{25}x^{32} + u^{54}x^{28} + u^{53}x^{26} + u^{61}x^{25} + u^{11}x^{24} + u^{45}x^{22} + u^{38}x^{21} + u^{26}x^{20} + u^{60}x^{19} + u^{38}x^{18} + u^{24}x^{17} + u^{36}x^{16} + u^{23}x^{14} + u^{12}x^{13} + u^{38}x^{12} + u^{43}x^{11} + u^{11}x^{10} + u^{56}x^9 + u^{40}x^8 + u^{38}x^7 + u^{45}x^6 + u^{38}x^5 + u^{52}x^4 + u^{39}x^3 + u^{37}x^2 + u^{26}x,$$

$$u^{47}x^{60} + u^{28}x^{58} + u^{14}x^{57} + u^5x^{56} + u^8x^{54} + u^{39}x^{53} + u^{12}x^{52} + u^{11}x^{51} + u^{57}x^{50} + ux^{49} + u^{26}x^{48} + u^4x^{46} + u^{62}x^{45} + u^{15}x^{44} + u^{61}x^{43} + u^6x^{42} + u^{50}x^{41} + u^{14}x^{40} + u^5x^{39} + u^{12}x^{38} + u^{53}x^{37} + u^{57}x^{36} + u^{62}x^{35} + u^{37}x^{33} + u^{32}x^{32} + u^{54}x^{29} + u^{16}x^{28} + u^{44}x^{27} + u^{26}x^{26} + u^{62}x^{25} + u^{50}x^{24} + u^{42}x^{23} + u^{31}x^{22} + u^{18}x^{21} + u^{51}x^{19} + u^{52}x^{18} + u^3x^{17} + u^{56}x^{16} + u^{56}x^{15} + u^{48}x^{14} + u^{46}x^{13} + u^{16}x^{12} + u^{28}x^{11} + u^{49}x^{10} + u^{23}x^9 + u^{10}x^8 + u^{60}x^7 + u^2x^6 + u^{55}x^5 + u^{61}x^4 + u^{33}x^3 + u^{12}x^2 + u^{56}x$$

];

Function:

$$x^3 + u^{17}(x^{17} + x^{18} + x^{20} + x^{24}),$$

#EA—Classes: 91

Degrees: { * 2, 3^66, 4^224 * }

Representatives:

[

$$u^{28}x^{56} + u^{22}x^{52} + u^{18}x^{50} + u^{30}x^{49} + u^{33}x^{48} + u^{33}x^{44} + u^{40}x^{42} + u^6x^{41} + u^{44}x^{40} + u^{27}x^{38} + u^{46}x^{37} + u^5x^{36} + u^{56}x^{35} + u^{35}x^{34} + u^{12}x^{32} + u^{61}x^{28} + u^{51}x^{26} + u^{54}x^{25} + u^{61}x^{24} + u^{24}x^{22} + u^{33}x^{21} + u^8x^{20} + u^{58}x^{19} + u^{28}x^{18} + u^{56}x^{17} + u^{54}x^{16} + u^{56}x^{14} + u^{20}x^{13} + u^{30}x^{12} + u^{60}x^{11} + u^5x^{10} + u^{51}x^9 + u^{60}x^8 + u^{20}x^7 + u^{35}x^6 + x^5 + u^{16}x^4 + u^{47}x^3 + u^{53}x^2 + u^8x,$$

$$u^{52}x^{56} + u^{49}x^{52} + u^{61}x^{50} + u^{14}x^{49} + u^{51}x^{48} + u^{44}x^{44} + u^{33}x^{42} + u^{54}x^{41} + u^{43}x^{40} + u^8x^{38} + u^{18}x^{37} + u^{53}x^{36} + u^{35}x^{35} + u^5x^{34} + u^{55}x^{33} + u^{37}x^{32} + u^{50}x^{28} + x^{26} + x^{25} + u^{32}x^{24} + u^{39}x^{22} + u^9x^{21} + u^{25}x^{20} + u^{48}x^{19} + u^{13}x^{18} + u^{62}x^{17} + u^{38}x^{16} + u^{42}x^{14} + u^{27}x^{13} + u^2x^{12} + u^{55}x^{10} + u^{28}x^9 + u^{48}x^8 + u^{41}x^7 + u^{56}x^6 + u^{34}x^5 + u^{59}x^4 + ux^3 + u^9x^2 + u^{19}x,$$

$$u^{40}x^{52} + u^{51}x^{50} + u^{35}x^{49} + u^{37}x^{48} + u^{25}x^{44} + u^{42}x^{42} + u^{19}x^{41} + u^{23}x^{40} + u^{39}x^{38} + u^{38}x^{37} + u^{61}x^{36} + u^{51}x^{35} + u^{47}x^{34} + u^{32}x^{33} + u^{10}x^{32} + x^{28} + u^{19}x^{28} + u^{40}x^{25} + u^{19}x^{24} + u^{13}x^{22} + u^{62}x^{21} + u^5x^{20} + u^{66}x^{19} + u^{22}x^{18} + u^9x^{17} + u^5x^{16} + u^{25}x^{14} + u^{48}x^{13} + u^{60}x^{12} + u^{37}x^{11} + u^{24}x^{10} + u^{11}x^9 + u^{57}x^8 + u^{39}x^7 + u^{29}x^6 + u^{13}x^5 + u^{60}x^4 + u^{24}x^3 + u^{54}x^2 + ux,$$

$$u^{24}x^{60} + u^5x^{58} + u^{54}x^{57} + u^{34}x^{56} + u^{48}x^{54} + u^{16}x^{53} + u^{20}x^{52} + u^{51}x^{51} + u^{11}x^{50} + u^{52}x^{49} + u^{55}x^{48} + u^{44}x^{46} + u^{39}x^{45} + u^{61}x^{44} + u^{38}x^{43} + u^{52}x^{42} + u^{14}x^{41} + u^{62}x^{40} + u^{45}x^{39} + u^3x^{38} + u^{29}x^{37} + u^{30}x^{36} + u^{39}x^{35} + u^{60}x^{34} + u^{24}x^{33} + u^6x^{32} + u^9x^{30} + u^{31}x^{29} + u^2x^{28} + u^{21}x^{27} + u^{57}x^{26} + u^2x^{25} + u^{16}x^{24} + u^{19}x^{23} + u^{49}x^{22} + u^{24}x^{21} + u^{43}x^{20} + ux^{19} + u^{37}x^{18} + u^{39}x^{17} + u^{29}x^{16} + u^{33}x^{15} + u^{44}x^{14} + ux^{13} + u^8x^{12} + u^6x^{11} + x^{10} + u^{11}x^9 + u^{46}x^8 + u^{21}x^7 + u^{40}x^6 + u^{29}x^5 + u^{27}x^4 + u^{41}x^3 + u^{26}x^2 + u^{30}x,$$

$$u^{62}x^{56} + u^7x^{52} + u^{53}x^{50} + u^{30}x^{49} + u^{58}x^{48} + u^7x^{44} + u^{29}x^{41} + u^{20}x^{40} + u^2x^{38} + u^{44}x^{37} + u^{21}x^{36} + u^{32}x^{35} + u^{59}x^{34} + u^{14}x^{33} + u^{44}x^{32} + u^{43}x^{28} + u^6x^{26} + u^{24}x^{25} + ux^{24} + u^{36}x^{22} + u^{49}x^{20} + u^{52}x^{19} + u^{59}x^{18} + u^{12}x^{17} + u^{52}x^{16} + u^{59}x^{14} + ux^{13} + u^{13}x^{12} + u^{23}x^{11} + u^{47}x^{10} + u^3x^9 + u^{56}x^8 + u^4x^7 + u^{50}x^6 + u^{34}x^5 + u^4x^3 + u^{48}x^2 + u^{45}x,$$

$$u^{33}x^{60} + u^{14}x^{58} + x^{57} + u^{30}x^{56} + u^{57}x^{54} + u^{25}x^{53} + u^{59}x^{52} + u^{60}x^{51} + u^{62}x^{50} + u^{26}x^{48} + u^{53}x^{46} + u^{48}x^{45} + ux^{44} + u^{47}x^{43} + ux^{42} + u^{10}x^{41} + u^8x^{40} + u^{54}x^{39} + u^{35}x^{38} + u^{35}x^{37} + u^{49}x^{36} + u^9x^{35} + u^{35}x^{34} + u^{38}x^{33} + u^{10}x^{32} + u^{18}x^{30} + u^{40}x^{29} + u^{38}x^{28} + u^{30}x^{27} + u^{58}x^{26} + u^{45}x^{25} + u^{19}x^{24} + u^{28}x^{23} + u^{61}x^{22} + u^{17}x^{21} + u^{53}x^{20} + u^3x^{19} + u^{55}x^{18} + x^{17} + u^6x^{16} + u^{42}x^{15} + u^{14}x^{14} + u^{32}x^{13} + u^{61}x^{12} + u^{42}x^{11} + u^{30}x^{10} + u^6x^9 + u^5x^8 + u^{17}x^7 + u^{37}x^6 + u^{55}x^5 + u^{17}x^4 + u^{55}x^3 + u^{50}x^2 + u^{41}x,$$

$$u^{40}x^{56} + u^{45}x^{50} + u^{55}x^{49} + u^{54}x^{48} + u^{33}x^{44} + u^{52}x^{42} + u^{55}x^{41} + u^{47}x^{40} + u^{40}x^{38} + u^{60}x^{37} + u^{40}x^{36} + u^{30}x^{35} + x^{34} + u^3x^{33} + u^{52}x^{32} + u^{62}x^{28} + u^8x^{26} + u^{27}x^{25} + u^{54}x^{24} + u^{55}x^{22} + u^{51}x^{21} + u^{30}x^{20} + u^{25}x^{19} + u^{43}x^{18} + u^{21}x^{17} + u^{39}x^{16} + u^{25}x^{14} + u^{14}x^{13} + u^{32}x^{12} + ux^{11} + u^{17}x^{10} + u^{31}x^9 + u^{29}x^8 + u^{27}x^7 + u^{41}x^6 + u^{22}x^5 + u^8x^4 + u^{39}x^3 + u^{40}x^2 + u^{53}x,$$

$$u^5x^{56} + u^{12}x^{52} + u^{24}x^{50} + u^{27}x^{49} + u^{54}x^{48} + u^8x^{44} + u^{21}x^{42} + u^{17}x^{41} + u^{21}x^{40} + u^{60}x^{38} + u^{2x}x^{37} + u^{27}x^{36} + u^{57}x^{35} + u^{27}x^{34} + u^{22}x^{33} + u^{51}x^{32} + u^{11}x^{28} + u^{14}x^{26} + u^{37}x^{25} + u^{45}x^{22} + u^{27}x^{21} + ux^{20} + u^2x^{19} + u^{23}x^{18} + u^{32}x^{17} + u^{50}x^{16} + u^{28}x^{15} + u^{36}x^{10} + u^4x^9 + u^{47}x^8 + u^{53}x^7 + u^{15}x^6 + u^{52}x^5 + u^{59}x^4 + u^{57}x^3 + u^{58}x^2 + u^{29}x,$$

$$u^{35}x^{56} + u^{18}x^{52} + ux^{50} + u^{40}x^{49} + u^{17}x^{48} + u^{21}x^{44} + u^{61}x^{42} + u^{45}x^{41} + u^{43}x^{40} + u^{44}x^{38} + u^{52}x^{37} + u^{59}x^{36} + u^{24}x^{35} + u^{10}x^{34} + u^{20}x^{33} + u^{40}x^{32} + u^{60}x^{28} + u^{38}x^{26} + u^{57}x^{25} + u^{45}x^{24} + u^{31}x^{22} + u^{48}x^{21} + u^{46}x^{20} + u^{15}x^{19} + u^{47}x^{18} + u^4x^{17} + u^{48}x^{16} + u^{40}x^{14} + u^{43}x^{13} + u^{34}x^{12} + u^{18}x^{11} + u^{60}x^{10} + x^9 + u^{36}x^8 + u^{15}x^7 + u^{23}x^6 + u^5x^5 + u^5x^4 + u^3x^3 + u^{12}x^2 + u^{30}x,$$

u¹⁴*x⁶⁰ + u⁵⁸*x⁵⁸ + u⁴⁴*x⁵⁷ + u⁴³*x⁵⁶ + u³⁸*x⁵⁴ + u⁶*x⁵³ + u¹⁶*x⁵² + u⁴¹*x⁵¹ + u³⁰*x⁵⁰ + u⁶⁰*x⁴⁹ + u¹²*x⁴⁸ + u³⁴*x⁴⁶ + u²⁹*x⁴⁵ + u⁴¹*x⁴⁴ + u²⁸*x⁴³ + u¹⁸*x⁴² + u³⁸*x⁴¹ + u⁴⁸*x⁴⁰ + u³⁵*x³⁹ + u⁵*x³⁸ + u⁵⁵*x³⁷ + u¹⁷*x³⁶ + u¹²*x³⁵ + u²¹*x³⁴ + u⁶*x³³ + u⁸*x³² + u⁶²*x³⁰ + u²¹*x²⁹ + u²⁰*x²⁸ + u¹¹*x²⁷ + u³⁴*x²⁶ + u¹⁷*x²⁵ + u⁶²*x²⁴ + u⁹*x²³ + u⁵*x²² + u³⁸*x²¹ + x²⁰ + u³⁸*x¹⁹ + u³*x¹⁸ + u⁵³*x¹⁷ + u*x¹⁶ + u²³*x¹⁵ + u³⁷*x¹⁴ + u¹²*x¹³ + u²³*x¹² + u⁴²*x¹¹ + u³⁷*x¹⁰ + u¹⁴*x⁹ + u⁵¹*x⁸ + u⁶²*x⁷ + u²⁷*x⁶ + u⁹*x⁵ + u⁴⁴*x⁴ + u⁶¹*x³ + u⁴¹*x² + u²⁰*x,

u²³*x⁵⁶ + u¹⁸*x⁵² + u³⁰*x⁵⁰ + u⁵⁸*x⁴⁹ + u¹⁶*x⁴⁸ + u²⁸*x⁴⁴ + u²*x⁴² + u²⁰*x⁴¹ + u²⁷*x⁴⁰ + u²³*x³⁸ + u⁵⁰*x³⁷ + u⁵⁵*x³⁶ + u⁵⁸*x³⁵ + u⁵⁸*x³⁴ + u⁴⁴*x³³ + u⁵*x³² + u³²*x²⁸ + u³¹*x²⁶ + u¹⁵*x²⁵ + u³⁶*x²⁴ + u³⁶*x²² + u²⁴*x²¹ + u⁴²*x²⁰ + u⁴⁶*x¹⁹ + u⁵³*x¹⁸ + u*x¹⁷ + u*x¹⁶ + u³³*x¹⁴ + u⁵²*x¹³ + u³⁴*x¹² + u³⁰*x¹¹ + u⁸*x¹⁰ + u⁴¹*x⁹ + u⁶²*x⁸ + u⁶*x⁷ + u²⁶*x⁶ + u¹⁶*x⁵ + u³⁸*x⁴ + u³⁸*x³ + u⁶*x² + u⁷*x,

u³⁹*x⁵⁶ + u³²*x⁵² + u³⁰*x⁵⁰ + u¹¹*x⁴⁹ + u³²*x⁴⁸ + u⁹*x⁴⁴ + u⁷*x⁴² + u⁵³*x⁴¹ + u⁵⁷*x⁴⁰ + u³⁰*x³⁷ + u⁶⁰*x³⁶ + u²⁸*x³⁵ + u²³*x³⁴ + u³⁶*x³³ + u⁴⁹*x³² + u⁵²*x²⁸ + u⁴⁰*x²⁶ + u⁴⁷*x²⁵ + u¹⁶*x²⁴ + u³⁰*x²² + u³⁸*x²¹ + u⁴*x²⁰ + u¹⁸*x¹⁹ + u¹⁷*x¹⁸ + u⁶⁰*x¹⁷ + u⁵³*x¹⁶ + u³⁰*x¹⁴ + u⁸*x¹³ + u⁴*x¹² + u²⁷*x¹¹ + u⁸*x¹⁰ + u²³*x⁹ + u⁵⁸*x⁸ + u¹⁹*x⁷ + u*x⁵ + u⁵⁶*x⁴ + u¹⁹*x³ + u⁴¹*x² + u⁵⁷*x,

u³¹*x⁵⁶ + u³⁶*x⁵² + u²*x⁵⁰ + u⁴⁰*x⁴⁹ + u⁴⁶*x⁴⁸ + u⁴³*x⁴⁴ + u⁶¹*x⁴² + u³*x⁴¹ + u⁴²*x⁴⁰ + u³⁵*x³⁸ + u¹⁸*x³⁷ + u³⁷*x³⁶ + u⁵¹*x³⁵ + u⁶²*x³⁴ + u⁹*x³³ + u⁶*x³² + u⁹*x²⁸ + u³³*x²⁶ + u¹⁰*x²⁵ + u³²*x²⁴ + u¹⁵*x²³ + u³²*x²² + u¹⁵*x²¹ + u¹¹*x²⁰ + u³¹*x¹⁹ + u¹⁸*x¹⁸ + u¹⁷*x¹⁷ + u⁴⁵*x¹⁶ + u¹⁷*x¹⁴ + u³⁴*x¹³ + u⁴³*x¹² + u²²*x¹¹ + u²⁷*x¹⁰ + u⁵*x⁹ + u¹⁸*x⁸ + u⁴⁶*x⁷ + u¹¹*x⁶ + u¹²*x⁵ + u¹⁸*x⁴ + u²*x³ + u⁵⁶*x²,

u⁴⁹*x⁵⁶ + u¹⁷*x⁵² + u³⁷*x⁵⁰ + u⁶*x⁴⁹ + u*x⁴⁸ + u¹³*x⁴⁴ + u³⁴*x⁴² + u³⁸*x⁴¹ + u³⁴*x⁴⁰ + u³¹*x³⁸ + u¹⁹*x³⁷ + u²⁴*x³⁶ + u⁴⁹*x³⁵ + u¹⁴*x³⁴ + u⁵⁷*x³³ + u²³*x³² + u³¹*x²⁸ + u¹⁷*x²⁶ + u¹⁹*x²⁵ + u⁵⁸*x²⁴ + u²²*x²² + u⁵⁷*x²¹ + u⁴⁴*x²⁰ + u⁹*x¹⁹ + u⁴³*x¹⁸ + u⁴⁷*x¹⁷ + u¹⁹*x¹⁶ + u³*x¹⁴ + u³²*x¹³ + u⁸*x¹² + u⁴⁸*x¹¹ + u²⁸*x¹⁰ + u¹³*x⁹ + u¹⁴*x⁸ + u¹²*x⁷ + u²³*x⁶ + u⁴³*x⁵ + u²⁹*x⁴ + u³*x³ + u⁴¹*x² + u³⁴*x,

u²¹*x⁶⁰ + u²*x⁵⁸ + u⁵¹*x⁵⁷ + u⁴⁸*x⁵⁶ + u⁴⁵*x⁵⁴ + u¹³*x⁵³ + u⁴⁴*x⁵² + u⁴⁸*x⁵¹ + u⁴⁴*x⁵⁰ + u⁴²*x⁴⁹ + u¹⁰*x⁴⁸ + u⁴¹*x⁴⁶ + u³⁶*x⁴⁵ + u⁶¹*x⁴⁴ + u³⁵*x⁴³ + u²²*x⁴² + u⁵⁷*x⁴¹ + u²⁷*x⁴⁰ + u⁴²*x³⁹ + u³*x³⁸ + u⁵¹*x³⁷ + u⁹*x³⁶ + u³⁹*x³⁵ + u¹¹*x³⁴ + u⁵⁹*x³³ + u³³*x³² + u⁶*x³⁰ + u²⁸*x²⁹ + u²⁰*x²⁸ + u¹⁸*x²⁷ + u³⁶*x²⁶ + u⁷*x²⁵ + u³²*x²⁴ + u¹⁶*x²³ + u²⁷*x²² + u¹⁷*x²¹ + u¹⁹*x²⁰ + u¹⁵*x¹⁹ + u¹⁸*x¹⁸ + u⁵⁴*x¹⁷ + u³⁴*x¹⁶ + u⁵*x¹⁵ + u²²*x¹³ + u⁴⁶*x¹² + u²¹*x¹¹ + u⁸*x¹⁰ + u³⁵*x⁹ + u⁵⁸*x⁸ + u⁵¹*x⁷ + u¹⁹*x⁶ + u⁷*x⁵ + u⁵²*x⁴ + u⁵³*x³ + u⁵¹*x² + u⁴⁹*x,

u⁵³*x⁶⁰ + u³⁴*x⁵⁸ + u²⁰*x⁵⁷ + u³⁰*x⁵⁶ + u¹⁴*x⁵⁴ + u⁴⁵*x⁵³ + u²¹*x⁵² + u¹⁷*x⁵¹ + u²*x⁵⁰ + u⁴⁸*x⁴⁹ + u⁶¹*x⁴⁸ + u¹⁰*x⁴⁶ + u⁵*x⁴⁵ + u¹²*x⁴⁴ + u⁴*x⁴³ + u⁴⁸*x⁴² + u²⁵*x⁴¹ + u²⁷*x⁴⁰ + u¹¹*x³⁹ + u²⁶*x³⁸ + u⁶¹*x³⁷ + u⁵⁶*x³⁶ + u²³*x³⁵ + u⁶¹*x³⁴ + u⁵⁴*x³³ + u²⁰*x³² + u³⁸*x³⁰ + u⁶⁰*x²⁹ + u⁴⁵*x²⁸ + u⁵⁰*x²⁷ + u³*x²⁶ + u⁴⁴*x²⁵ + u⁴³*x²⁴ + u⁴⁸*x²³ + u*x²² + u⁴¹*x²¹ + u⁴¹*x²⁰ + u¹¹*x¹⁹ + u⁴⁶*x¹⁸ + u¹⁸*x¹⁷ + x¹⁶ + u⁶²*x¹⁵ + u⁵⁹*x¹⁴ + u⁵²*x¹³ + u⁵⁹*x¹² + u³⁹*x¹¹ + u³⁰*x¹⁰ + u²⁰*x⁹ + u²¹*x⁸ + u³⁹*x⁷ + u⁵⁴*x⁶ + u³⁵*x⁵ + u⁵⁹*x⁴ + u⁴⁹*x³ + u³⁸*x² + u³⁵*x,

u⁵*x⁶⁰ + u⁴⁹*x⁵⁸ + u³⁵*x⁵⁷ + u⁶²*x⁵⁶ + u²⁹*x⁵⁴ + u⁶⁰*x⁵³ + u²⁹*x⁵² + u³²*x⁵¹ + u²⁸*x⁵⁰ + u⁴³*x⁴⁹ + u⁵⁰*x⁴⁸ + u²⁵*x⁴⁶ + u²⁰*x⁴⁵ + u⁴⁶*x⁴⁴ + u¹⁹*x⁴³ + u⁵¹*x⁴² + u³⁵*x⁴¹ + u¹³*x⁴⁰ + u²⁶*x³⁹ + u¹⁶*x³⁸ + u⁴⁵*x³⁷ + u³⁸*x³⁶ + u⁷*x³⁵ + u³⁶*x³⁴ + u²²*x³³ + u¹⁷*x³² + u⁵³*x³⁰ + u¹²*x²⁹ + u³²*x²⁸ + u²*x²⁷ + u⁵⁴*x²⁶ + u³⁶*x²⁵ + u⁶*x²⁴ + x²³ + u¹²*x²² + u²⁴*x²¹ + u⁶²*x²⁰ + u¹⁵*x¹⁹ + u⁵*x¹⁸ + u*x¹⁷ + u³⁴*x¹⁶ + u¹⁴*x¹⁵ + u²*x¹³ + u³⁴*x¹² + u¹³*x¹¹ + u⁵²*x¹⁰ + u³⁶*x⁹ + u⁴³*x⁸ + u³⁷*x⁷ + u¹⁰*x⁶ + u⁸*x⁵ + u³¹*x⁴ + u¹⁷*x³ + u¹³*x² + u⁴²*x,

u²²*x⁵⁶ + u¹⁰*x⁵² + u¹²*x⁵⁰ + u*x⁴⁹ + u¹⁶*x⁴⁸ + u⁶¹*x⁴⁴ + u³⁸*x⁴² + u²³*x⁴¹ + u³³*x⁴⁰ + u⁴⁶*x³⁸ + u³⁵*x³⁷ + u⁵²*x³⁶ + u⁵⁶*x³⁵ + u⁴³*x³⁴ + u¹⁰*x³³ + u²⁹*x³² + u⁴⁷*x²⁸ + u¹³*x²⁶ + u⁵⁹*x²⁵ + u²⁷*x²⁴ + u⁹*x²² + u¹⁵*x²¹ + u⁴⁵*x²⁰ + u²⁶*x¹⁹ + u¹⁶*x¹⁸ + u⁴⁸*x¹⁷ + u⁹*x¹⁶ + u⁵⁷*x¹⁴ + u⁴⁹*x¹³ + u¹⁵*x¹² + u⁴*x¹¹ + u⁴⁰*x¹⁰ + u²⁴*x⁹ + u¹⁸*x⁸ + u⁴²*x⁷ + u³*x⁶ + u³⁹*x⁵ + u³¹*x⁴ + u⁴⁹*x³ + u⁵⁵*x² + u⁶*x,

u¹²*x⁵⁶ + u⁵⁹*x⁵² + u³⁵*x⁵⁰ + u²⁴*x⁴⁹ + u⁵⁴*x⁴⁸ + u⁴²*x⁴⁴ + u³⁵*x⁴² + u⁴⁸*x⁴¹ + u⁴⁸*x⁴⁰ + u⁴⁶*x³⁸ + u⁴¹*x³⁷ + u⁶⁰*x³⁶ + u⁸*x³⁵ + u¹⁷*x³⁴ + u⁶¹*x³³ + u⁵⁰*x³² + u²⁷*x²⁸ + u⁶*x²⁶ + u¹¹*x²⁵ + u²⁵*x²⁴ + u⁵²*x²² + u¹⁷*x²¹ + u³²*x²⁰ + u¹⁷*x¹⁹ + u²⁵*x¹⁸ + u²*x¹⁷ + u¹⁰*x¹⁶ + u¹⁵*x¹⁴ + u²²*x¹³ + u⁵³*x¹² + u⁴²*x¹¹ + u¹⁰*x¹⁰ + u³³*x⁹ + u⁶²*x⁸ + u³⁴*x⁷ + u⁴⁶*x⁶ + u⁵²*x⁵ + u³⁹*x⁴ + u³⁹*x³ + u⁶⁰*x² + x,

u²⁶*x⁶⁰ + u⁷*x⁵⁸ + u⁵⁶*x⁵⁷ + u⁴²*x⁵⁶ + u⁵⁰*x⁵⁴ + u¹⁸*x⁵³ + u¹³*x⁵² + u⁵³*x⁵¹ + u³⁴*x⁵⁰ + u⁵³*x⁴⁹ + u⁹*x⁴⁸ + u⁴⁶*x⁴⁶ + u⁴¹*x⁴⁵ + u²¹*x⁴⁴ + u⁴⁰*x⁴³ + u⁴²*x⁴² + u²⁴*x⁴¹ + u⁴¹*x⁴⁰ + u⁴⁷*x³⁹ + u²⁰*x³⁸ + u⁹*x³⁷ + u¹⁴*x³⁶ + u³⁴*x³⁵ + u⁴⁹*x³⁴ + u⁵⁷*x³³ + u⁴¹*x³² + u¹¹*x³⁰ + u³³*x²⁹ + u¹⁰*x²⁸ + u²³*x²⁷ + u⁹*x²⁶ + u⁵⁹*x²⁵ + u²⁶*x²⁴ + u²¹*x²³ + u¹²*x²² + u³⁹*x²¹ + u³⁵*x²⁰ + u⁵²*x¹⁹ + u⁴⁹*x¹⁸ + u²²*x¹⁷ + u⁵⁶*x¹⁶ + u³⁵*x¹⁵ + u⁵⁹*x¹³ + u⁴⁸*x¹² + u⁹*x¹¹ + u¹⁴*x¹⁰ + u⁴¹*x⁹ + u²³*x⁸ + u⁴²*x⁷ + u³⁹*x⁶ + u³²*x⁵ + u³⁹*x⁴ + u⁴⁹*x³ + u⁴²*x² + u²⁶*x,

u²⁷*x⁵⁶ + u⁴¹*x⁵² + u⁴²*x⁵⁰ + u¹⁷*x⁴⁹ + u⁴⁵*x⁴⁸ + u⁴¹*x⁴⁴ + u³⁰*x⁴² + u²⁰*x⁴¹ + u⁴⁰*x⁴⁰ + u⁶*x³⁸ + u⁴²*x³⁷ + u⁸*x³⁶ + u²³*x³⁴ + u¹⁹*x³³ + u⁹*x³² + u⁴⁸*x²⁸ + u⁴⁶*x²⁶ + u⁶*x²⁵ + u⁵⁰*x²⁴ + u⁶*x²² + u⁴⁸*x²¹ + u³¹*x²⁰ + u⁵⁰*x¹⁹ + u⁶¹*x¹⁸ + u⁴⁰*x¹⁷ + u⁴⁰*x¹⁶ + u¹⁸*x¹⁴ + u²⁰*x¹³ + u³⁷*x¹² + u*x¹¹ + u¹¹*x¹⁰ + u³⁷*x⁹ + u¹¹*x⁸ + u⁶²*x⁷ + u³*x⁶ + u³⁴*x⁵ + u¹⁴*x⁴ + u⁵⁷*x³ + u³⁹*x² + u¹⁴*x,

u⁶¹*x⁵⁶ + u⁵⁶*x⁵² + u⁴⁴*x⁵⁰ + u¹⁹*x⁴⁹ + u³⁶*x⁴⁸ + u³⁸*x⁴⁴ + u⁴⁵*x⁴² + u²¹*x⁴¹ + u⁶²*x⁴⁰ + u²⁸*x³⁸ + u⁴²*x³⁷ + u⁵⁰*x³⁶ + u²⁴*x³⁵ + u³*x³⁴ + u³⁵*x³³ + u⁶²*x³² + u⁴⁷*x²⁸ + u¹¹*x²⁶ + u²⁴*x²⁵ + u³⁸*x²⁴ + u¹⁰*x²² + u⁴⁴*x²¹ + u⁴⁴*x²⁰ + u⁴⁰*x¹⁸ + u³⁵*x¹⁷ + u⁷*x¹⁶ + u⁵¹*x¹⁴ + u³*x¹³ + u¹¹*x¹² + u¹⁵*x¹¹ + u³⁴*x¹⁰ + u³⁶*x⁹ + u⁷*x⁸ + u⁵⁹*x⁷ + u⁷*x⁶ + u⁵¹*x⁵ + u²³*x⁴ + u²⁵*x³ + u⁵⁷*x² + u²⁰*x,

u¹⁸*x⁵⁶ + u*x⁵² + u¹⁸*x⁵⁰ + u³⁵*x⁴⁹ + u⁹*x⁴⁸ + u⁴¹*x⁴⁴ + u¹⁵*x⁴² + u³⁸*x⁴¹ + u²⁷*x⁴⁰ + u³¹*x³⁸ + u³⁵*x³⁷ + u⁴²*x³⁶ + u⁵⁶*x³⁵ + u³⁰*x³⁴ + u¹⁶*x³³ + u³²*x³² + u¹⁵*x²⁸ + u⁶⁰*x²⁶ + u¹¹*x²⁵ + u²⁴*x²⁴ + u¹⁰*x²² + u⁴⁴*x²¹ + u³¹*x²⁰ + u⁵⁴*x¹⁹ + u⁸*x¹⁸ + u²*x¹⁷ + u⁶⁰*x¹⁶ + u⁵⁹*x¹⁴ + u²⁸*x¹³ + u³⁶*x¹² + u⁵⁸*x¹¹ + u³⁸*x¹⁰ + u¹⁴*x⁹ + u³⁹*x⁸ + u⁶¹*x⁷ + u³⁸*x⁶ + u⁴⁵*x⁵ + u¹⁸*x⁴ + u³²*x³ + u⁴⁶*x² + u²³*x,

u¹⁹*x⁶⁰ + x⁵⁸ + u⁴⁹*x⁵⁷ + u¹⁴*x⁵⁶ + u⁴³*x⁵⁴ + u¹¹*x⁵³ + u⁴⁸*x⁵² + u⁴⁶*x⁵¹ + u⁴⁸*x⁵⁰ + u¹¹*x⁴⁹ + u⁴²*x⁴⁸ + u³⁹*x⁴⁶ + u³⁴*x⁴⁵ + u⁵⁹*x⁴⁴ + u³³*x⁴³ + u⁵³*x⁴² + u²⁰*x⁴¹ + u⁵²*x⁴⁰ + u⁴⁰*x³⁹ + u³⁷*x³⁸ + u¹²*x³⁷ + u⁴²*x³⁶ + u⁴*x³⁵ + u³¹*x³⁴ + u²⁴*x³³ + u⁸*x³² + u⁴*x³⁰ + u²⁶*

u'32*x^8 + u'57*x^7 + u'5*x^6 + x^5 + u'9*x^4 + u'37*x^3 + u'40*x^2 + u'22*x,

u'57*x^56 + u'6*x^52 + u'40*x^50 + u'27*x^49 + u'59*x^48 + u'19*x^42 + u'28*x^41 + u'13*x^40 + u'14*x^38 + u'46*x^37 + u'54*x^36 + u'55*x^35 + u'41*x^34 + u'14*x^33 + u'50*x^32 + u'29*x^28 + u'32*x^26 + u'62*x^25 + u'25*x^24 + u'11*x^22 + u'27*x^21 + u'26*x^20 + u'38*x^19 + u'37*x^18 + u'43*x^17 + u'36*x^16 + u'15*x^14 + u'36*x^13 + u'5*x^12 + u'51*x^11 + u'13*x^10 + u'46*x^9 + u'14*x^8 + u'37*x^7 + u'54*x^6 + u'7*x^5 + u'20*x^4 + u'44*x^3 + u'51*x^2 + u'42*x,

u'17*x^56 + u'49*x^52 + u'4*x^50 + u'3*x^49 + u'10*x^48 + u'43*x^44 + u'10*x^42 + u'19*x^41 + u'15*x^40 + u'13*x^38 + x^37 + u'18*x^36 + u'39*x^35 + u'15*x^34 + u'36*x^33 + u'5*x^32 + u'6*x^28 + u'13*x^26 + u'7*x^25 + x^24 + u'34*x^22 + u'17*x^21 + u'58*x^20 + u'17*x^19 + u'10*x^18 + u'25*x^17 + u'40*x^16 + u*x^14 + u'6*x^13 + u'6*x^12 + u'41*x^11 + u'13*x^10 + x^9 + u'18*x^8 + u'54*x^7 + u*x^6 + u'62*x^5 + u'19*x^4 + u'35*x^3 + u'26*x^2 + u'11*x,

u'50*x^56 + u'22*x^52 + u'26*x^50 + u'28*x^49 + u'54*x^48 + u'51*x^42 + u'51*x^41 + u'50*x^40 + u'60*x^38 + u'50*x^37 + u'26*x^36 + u'50*x^35 + u'8*x^34 + x^33 + u'38*x^32 + u'53*x^28 + u'40*x^26 + u'38*x^25 + u'48*x^24 + u'41*x^22 + u'34*x^21 + u'53*x^20 + u'35*x^19 + u'52*x^18 + u'39*x^17 + u'32*x^16 + u'7*x^14 + u'61*x^13 + u'8*x^12 + u'54*x^11 + u'6*x^10 + u'45*x^9 + u'31*x^8 + u'49*x^7 + u'2*x^6 + u'24*x^5 + u'21*x^4 + u'26*x^3 + u'2*x,

u'55*x^56 + u'51*x^52 + u'11*x^50 + u'59*x^49 + u'4*x^48 + u'27*x^44 + u'32*x^41 + u'2*x^40 + u'53*x^38 + u'50*x^37 + u'46*x^36 + u'6*x^35 + u'45*x^34 + u'35*x^33 + u'55*x^32 + u'10*x^28 + u'52*x^26 + u'39*x^25 + u'4*x^24 + u'43*x^22 + u'27*x^21 + u'44*x^20 + u'41*x^19 + u'57*x^18 + u'8*x^17 + u'14*x^16 + u'59*x^14 + u'53*x^13 + x^12 + u'46*x^11 + u'33*x^10 + u'44*x^9 + u'17*x^8 + u'50*x^7 + u'18*x^6 + u'43*x^5 + u'43*x^4 + u'48*x^3 + u'11*x^2 + u'15*x,

u'40*x^56 + u'43*x^52 + u'17*x^50 + u'48*x^49 + u'11*x^48 + u'3*x^44 + u'62*x^42 + u'61*x^41 + u'45*x^40 + u'27*x^38 + u'13*x^37 + u'44*x^36 + u'2*x^35 + u'16*x^34 + u'20*x^33 + u'32*x^32 + u'16*x^28 + u'42*x^26 + u'2*x^25 + u'7*x^24 + u'39*x^22 + u'27*x^21 + u'25*x^20 + u'46*x^19 + u'10*x^18 + u'25*x^17 + u'41*x^16 + u'20*x^14 + u'4*x^13 + u'44*x^12 + u'22*x^11 + u'6*x^10 + u'55*x^9 + u'15*x^8 + u'15*x^7 + u'36*x^6 + u'14*x^5 + u'19*x^4 + u'41*x^3 + u'16*x^2 + u'60*x,

u'29*x^56 + u'30*x^52 + u'45*x^50 + u'35*x^49 + u'5*x^48 + u'36*x^44 + u'42*x^42 + u'51*x^41 + u'23*x^40 + u'29*x^38 + u'48*x^37 + u'37*x^36 + u*x^35 + u'8*x^34 + u'4*x^33 + u'2*x^32 + u'56*x^28 + u'22*x^26 + u'9*x^25 + u'14*x^24 + u'54*x^22 + u'32*x^21 + u'25*x^20 + u'46*x^19 + u'59*x^18 + u'44*x^16 + u'11*x^14 + u'29*x^13 + u'52*x^12 + u'12*x^11 + u'57*x^10 + u'57*x^9 + u'43*x^8 + x^7 + u'25*x^6 + u'43*x^5 + x^4 + u'4*x^3 + u'14*x^2 + u'50*x,

u'22*x^56 + u'32*x^52 + u'32*x^50 + u'43*x^49 + u'50*x^48 + u'29*x^44 + u'55*x^42 + u'28*x^41 + u'22*x^40 + u'25*x^38 + u'57*x^37 + u'20*x^36 + u'61*x^35 + u'36*x^34 + u'9*x^33 + u'31*x^32 + u'35*x^28 + u'28*x^26 + u'12*x^25 + u'42*x^24 + u'58*x^22 + u'60*x^21 + u'5*x^20 + u'5*x^19 + u'10*x^18 + u'46*x^17 + u'23*x^16 + u'22*x^14 + u'62*x^13 + u'45*x^12 + u'23*x^11 + u'42*x^10 + u'25*x^9 + u'13*x^8 + u*x^7 + u'14*x^6 + u'3*x^5 + u'22*x^4 + u'28*x^3 + u'45*x^2 + u'37*x,

u'44*x^56 + u'x^52 + u'49*x^50 + u'25*x^49 + u'8*x^48 + u'40*x^44 + u'60*x^42 + u'52*x^41 + u'6*x^40 + u'60*x^38 + u'39*x^37 + u'50*x^36 + u'56*x^35 + u'48*x^34 + x^33 + u'47*x^32 + u'23*x^28 + u'23*x^26 + u'51*x^25 + u'17*x^24 + u'18*x^22 + u'18*x^21 + u'55*x^20 + u'24*x^19 + u'33*x^18 + u'56*x^17 + u'24*x^16 + u'8*x^14 + u'8*x^13 + u'49*x^12 + u'6*x^11 + u'55*x^10 + u'51*x^9 + u'25*x^8 + u'40*x^7 + u'51*x^6 + u'45*x^5 + u'9*x^4 + u'44*x^3 + u'16*x^2 + u'41*x,

u'21*x^60 + u'2*x^58 + u'51*x^57 + u*x^56 + u'45*x^54 + u'13*x^53 + u'25*x^52 + u'48*x^51 + u'14*x^50 + u'27*x^49 + u'44*x^48 + u'41*x^46 + u'36*x^45 + u'60*x^44 + u'35*x^43 + u'37*x^42 + u'34*x^41 + u'40*x^40 + u'42*x^39 + u'16*x^38 + u'39*x^37 + u'56*x^36 + u'44*x^35 + u'46*x^34 + u'28*x^33 + u'37*x^32 + u'6*x^30 + u'28*x^29 + u'39*x^28 + u'18*x^27 + u'33*x^25 + u'41*x^24 + u'16*x^23 + u'52*x^22 + u'7*x^22 + u'10*x^20 + u'10*x^20 + u'35*x^19 + u'36*x^17 + u'39*x^16 + u'30*x^15 + u'19*x^14 + u'4*x^13 + u'47*x^12 + u'42*x^11 + u'7*x^10 + u'9*x^9 + u'59*x^8 + u'61*x^7 + u'22*x^6 + u'51*x^5 + u'18*x^4 + u'23*x^3 + u'60*x^2 + u'49*x,

u'31*x^56 + u'39*x^52 + u'59*x^50 + u'13*x^49 + u'7*x^48 + u'2*x^44 + u'9*x^42 + u'12*x^41 + u'32*x^40 + u'7*x^38 + u'49*x^37 + u'39*x^36 + u'57*x^35 + u'58*x^34 + u'41*x^33 + u'53*x^32 + u'53*x^28 + u'44*x^26 + u'23*x^25 + u'59*x^24 + u'9*x^22 + u'13*x^21 + u'7*x^20 + u'51*x^19 + u*x^18 + u'30*x^17 + u'39*x^16 + u'55*x^15 + u'54*x^12 + u'48*x^11 + u'17*x^10 + u'31*x^9 + u'18*x^8 + u'54*x^7 + u'14*x^6 + u'15*x^5 + u'23*x^4 + u'59*x^3 + u'13*x^2 + u'62*x,

u'61*x^56 + u'12*x^52 + u'24*x^50 + u'35*x^49 + u'48*x^48 + u'35*x^44 + u'12*x^42 + u'15*x^41 + u'49*x^40 + u'62*x^38 + u'33*x^37 + u'59*x^36 + u'50*x^35 + u'52*x^34 + u'46*x^33 + u'38*x^32 + u'33*x^26 + u'34*x^25 + u'5*x^24 + u'11*x^22 + u'27*x^21 + u'49*x^20 + u'27*x^19 + u'59*x^18 + u'24*x^17 + u'43*x^16 + u'37*x^14 + u'47*x^13 + u'43*x^12 + u'10*x^11 + u'39*x^10 + u'61*x^9 + u'26*x^8 + u'13*x^7 + u'6*x^6 + u'61*x^5 + u'45*x^4 + u'54*x^3 + u'31*x^2 + u'53*x,

u'10*x^56 + u'38*x^52 + u'9*x^50 + u'60*x^49 + u'61*x^48 + u'36*x^44 + u'40*x^42 + u'10*x^41 + u'42*x^40 + u'23*x^38 + u'22*x^37 + u'56*x^36 + u'12*x^35 + u'46*x^34 + u'53*x^33 + u'12*x^32 + u'17*x^28 + u'60*x^26 + u'45*x^25 + u'56*x^24 + u'21*x^22 + u'20*x^21 + u'29*x^20 + u'59*x^19 + u'34*x^18 + u'3*x^17 + u'47*x^16 + u'41*x^14 + u'40*x^13 + u'13*x^12 + u'41*x^11 + u'26*x^10 + u'41*x^9 + u'4*x^8 + u'6*x^6 + u'13*x^5 + u'34*x^4 + u'30*x^3 + u'24*x^2 + u'11*x,

u'33*x^60 + u'14*x^58 + x^57 + u'43*x^56 + u'57*x^54 + u'25*x^53 + u'27*x^52 + u'60*x^51 + u'20*x^50 + u'59*x^49 + u'33*x^48 + u'53*x^46 + u'48*x^45 + u'55*x^44 + u'47*x^43 + u'25*x^42 + u'49*x^41 + u'49*x^40 + u'54*x^39 + u'2*x^38 + u'52*x^37 + u'41*x^36 + u'43*x^35 + u'47*x^34 + u'47*x^33 + u'25*x^32 + u'18*x^30 + u'40*x^29 + u'39*x^28 + u'30*x^27 + u'15*x^26 + u'62*x^25 + u'43*x^24 + u'28*x^23 + u'7*x^22 + u'48*x^21 + u'12*x^20 + u'11*x^19 + u'38*x^18 + u'40*x^17 + u'8*x^16 + u'42*x^15 + u'22*x^14 + u'14*x^13 + u'47*x^12 + u'42*x^11 + u'8*x^11 + u'47*x^10 + u'27*x^9 + u'30*x^8 + u'36*x^7 + u'25*x^6 + u'49*x^5 + u'5*x^4 + u'14*x^3 + u'35*x^2 + u'45*x,

u'12*x^56 + u'47*x^52 + u'60*x^50 + u'22*x^49 + u'40*x^48 + u'49*x^42 + u'47*x^41 + u'21*x^40 + u'3*x^38 + u'59*x^37 + u'29*x^36 + u'40*x^35 + u'12*x^34 + u'12*x^33 + u'25*x^32 + u'14*x^28 + u'36*x^26 + u'35*x^25 + u'62*x^24 + u'62*x^22 + u'16*x^21 + u'42*x^20 + u'5*x^19 + u'7*x^18 + u'13*x^17 + u'31*x^16 + u'60*x^14 + u'7*x^13 + u'7*x^12 + u'51*x^11 + u'22*x^10 + u'20*x^9 + u'28*x^8 + u'43*x^7 + u'61*x^6 + u'53*x^5 + u'11*x^4 + u'56*x^3 + u'18*x^2 + u'17*x,

u'45*x^56 + u'45*x^52 + u'38*x^50 + u'24*x^49 + u'5*x^48 + u'22*x^44 + u'42*x^42 + u'56*x^41 + u'20*x^40 + u'23*x^38 + u'44*x^37 + u'15*x^36 + u'39*x^35 + u'14*x^34 + u'36*x^33 + u'37*x^32 + u'43*x^28 + u'20*x^26 + u'39*x^25 + u'15*x^24 + u'9*x^22 + u'46*x^21 + u'38*x^20 + x^19 + u'36*x^18 + u'4*x^17 + u'33*x^16 + u'20*x^14 + u'13*x^12 + u'14*x^11 + u'31*x^10 + u'36*x^9 + u'10*x^8 + u'15*x^7 + u'18*x^6 + u'43*x^5 + u'22*x^4 + u'27*x^3 + u'53*x^2 + u'59*x,

u'28*x^60 + u'9*x^58 + u'58*x^57 + u'57*x^56 + u'52*x^54 + u'20*x^53 + u'50*x^52 + u'55*x^51 + u'10*x^50 + u'53*x^49 + u'38*x^48 + u'48*x^46 + u'43*x^45 + u'4*x^44 + u'42*x^43 + u'16*x^42 + u'24*x^41 + u'44*x^40 + u'49*x^39 + u'37*x^38 + u'35*x^37 + u'42*x^36 + u'38*x^34 + u'62*x^33 + u'36*x^32 + u'13*x^30 + u'35*x^29 + u'22*x^28 + u'25*x^27 + u'22*x^26 + u'23*x^25 + u'41*x^24 + u'28*x^23 + u'24*x^22 + u'18*x^21 + u'47*x^20 + u'48*x^19 + u'29*x^18 + u'40*x^17 + u'43*x^16 + u'37*x^15 + u'42*x^14 + u'50*x^13 + u'14*x^12 + u'3*x^11 + u'7*x^10 + u'34*x^9 + u'23*x^8 + u'22*x^7 + u'6*x^6 + u'42*x^5 + u'41*x^4 + u'17*x^3 + u'13*x^2 + u'50*x,

u'45*x^56 + u'35*x^52 + u'42*x^50 + u'15*x^49 + u'8*x^48 + u'47*x^44 + u'27*x^42 + u'11*x^41 + u'32*x^40 + u'4*x^38 + u'34*x^37 + u'24*x^36 + u'46*x^35 + u'54*x^34 + u'36*x^33 + u'59*x^32 + u'8*x^28 + u'46*x^26 + u'51*x^25 + u'46*x^24 + u'9*x^22 + u'21*x^21 + u'9*x^20 + u'57*x^19 + u'3*x^18 + u'47*x^17 + u'6*x^16 + u'52*x^14 + u'45*x^13 + u'28*x^11 + u'56*x^10 + u'17*x^9 + u'2*x^8 + u'33*x^7 + u'5*x^6 + u'33*x^5 + u'36*x^4 + u'29*x^3 + u'21*x^2 + u'12*x,

u'21*x^60 + u'2*x^58 + u'51*x^57 + u'46*x^56 + u'45*x^54 + u'13*x^53 + u'29*x^52 + u'48*x^51 + u'24*x^50 + u'11*x^49 + u'5*x^48 + u'41*x^46 + u'36*x^45 + u'10*x^44 + u'35*x^43 + u'47*x^42 + u'10*x^41 + u'48*x^40 + u'42*x^39 + u'27*x^38 + u'38*x^37 + u'47*x^36 + u'49*x^35 + x^34 + u'52*x^33 + u'16*x^32 + u'6*x^30 + u'28*x^29 + u'32*x^28 + u'18*x^27 + u'61*x^26 + u'41*x^25 + u'3*x^24 + u'16*x^23 + u'43*x^22 + u'54*x^21 + u'43*x^20 + u'57*x^19 + u'48*x^18 + u'56*x^17 + u'36*x^16 + u'30*x^15 + u'8*x^14 + u'34*x^13 + u'33*x^12 + u'9*x^11 + u'5*x^10 + u'44*x^9 + u'25*x^8 + u'60*x^7 + u'3*x^6 + u'62*x^4 + u'26*x^3 + u'20*x^2 + u'27*x,

u'30*x^56 + u'45*x^52 + u'54*x^50 + u'14*x^49 + u'44*x^48 + u'18*x^44 + u'9*x^42 + u'23*x^41 + u'7*x^40 + u'16*x^38 + u'27*x^37 + u'35*x^36 + u'56*x^35 + u'20*x^34 + u'13*x^33 + u'58*x^32 + u'49*x^28 + u'44*x^26 + u'39*x^25 + x^24 + u'11*x^22 + u'42*x^21 + u'24*x^20 + u'55*x^19 + u'52*x^18 + x^17 + u'39*x^16 + u'20*x^14 + u'25*x^13 + u'62*x^12 + u'8*x^11 + u'60*x^10 + u'43*x^9 + u'23*x^8 + u'45*x^7 + u'30*x^6 + u'47*x^5 + u'26*x^4 + u'12*x^3 + u'60*x^2 + u'47*x,

u'9*x^56 + u'3*x^52 + u'14*x^50 + u'15*x^49 + u'39*x^48 + u'13*x^44 + u'17*x^42 + u'62*x^41 + u'53*x^40 + u'36*x^38 + u'26*x^37 + u'5*x^36 + u'25*x^35 + u'7*x^34 + u'21*x^33 + u'18*x^32 + u'40*x^28 + u'30*x^26 + u'52*x^25 + u'10*x^24 + u'17*x^22 + u'32*x^21 + u'17*x^20 + u'52*x^19 + u'51*x^18 + u'38*x^17 + u'23*x^16 + u'32*x^14 + u'41*x^12 + u'26*x^11 + u'21*x^10 + u'50*x^9 + u'19*x^8 + u'8*x^7 + u'37*x^6 + u'59*x^5 + x^4 + u'16*x^3 + u'26*x^2 + u'19*x,

u'50*x^56 + u'49*x^52 + u'58*x^50 + u'43*x^49 + u'45*x^48 + u'16*x^44 + u'48*x^41 + u'55*x^40 + u'29*x^38 + u'37*x^37 + u'36*x^36 + u'36*x^35 + u'44*x^34 + u'2*x^33 + u'43*x^32 + u'50*x^28 + u'21*x^26 + u'54*x^25 + u'33*x^24 + u'33*x^22 + u'56*x^20 + u'8*x^19 + u'35*x^18 + u'62*x^17 + u'41*x^16 + u'61*x^14 + u'4*x^13 + u'59*x^12 + u'24*x^11 + u'24*x^10 + u'15*x^9 + u'53*x^8 + u'24*x^7 + u'22*x^6 + u'56*x^5 + u'15*x^4 + u'62*x^3 + u'6*x^2 + u'5*x,

u'44*x^56 + u'5*x^52 + u'23*x^50 + u'24*x^49 + u'11*x^48 + u'28*x^44 + u'55*x^42 + u'47*x^41 + u'5*x^40 + u'28*x^38 + u'4*x^37 + u'54*x^36 + u'41*x^35 + u'62*x^34 + u'18*x^33 + u'12*x^32 + u'57*x^28 + u'50*x^26 + u'34*x^25 + u'3*x^24 + x^22 + u'27*x^21 + u'23*x^20 + u'55*x^19 + u'24*x^18 + u'37*x^17 + u*x^16 + u'29*x^14 + u'49*x^13 + u'62*x^12 + u'49*x^11 + u'15*x^10 + u'32*x^9 + u'43*x^8 + u'54*x^7 + u'43*x^6 + u'59*x^5 + u'36*x^4 + u'54*x^3 + u'29*x^2 + u'35*x,

u'49*x^56 + u'39*x^52 + u'33*x^50 + u'24*x^49 + u'40*x^48 + u'59*x^44 + u'42*x^42 + u'35*x^41 + u'54*x^40 + u'55*x^38 + u'52*x^37 + u'41*x^36 + u'3*x^35 + u'34*x^34 + x^33 + u'26*x^32 + u'26*x^28 + u'42*x^26 + u'35*x^25 + u'59*x^24 + u'11*x^22 + u'33*x^21 + u'57*x^20 + u'60*x^19 + u'56*x^18 + u'32*x^17 + u'51*x^16 + u'26*x^14 + u'6*x^13 + u'35*x^12 + u'61*x^11 + u'57*x^10 + u'57*x^9 + u'8*x^8 + u'38*x^7 + u'54*x^6 + u'17*x^6 + u'26*x^5 + u'17*x^4 + u'31*x^3 + u'42*x^2 + u'6*x,

u'39*x^56 + u'41*x^52 + u'39*x^50 + u'43*x^49 + u'61*x^48 + u'3*x^44 + u'27*x^42 + u'11*x^41 + u'41*x^40 + u'50*x^38 + u'36*x^37 + u'21*x^36 + u'40*x^35 + u'60*x^34 + u'20*x^33 + u'3*x^32 + u'54*x^28 + u'36*x^26 + u'17*x^25 + u'33*x^24 + u'53*x^22 + u'19*x^21 + u'59*x^20 + u'29*x^19 + u'41*x^18 + u'53*x^17 + u'2*x^16 + u'3*x^14 + u'4*x^13 + u'55*x^12 + u'52*x^11 + u'33*x^10 + u'55*x^9 + u'25*x^8 + u'52*x^7 + u'9*x^6 + u'24*x^5 + u'22*x^4 + u'34*x^3 + u'6*x^2 + u'38*x,

u'14*x^60 + u'58*x^58 + u'44*x^57 + u'37*x^56 + u'38*x^54 + u'6*x^53 + u'14*x^52 + u'41*x^51 + u'39*x^50 + u'41*x^49 + u'34*x^48 + u'34*x^46 + u'29*x^45 + u'44*x^44 + u'28*x^43 + u'40*x^42 + u'32*x^41 + u'14*x^40 + u'35*x^39 + u'34*x^38 + u'50*x^37 + u'31*x^36 + u'42*x^35 + u'41*x^34 + u'42*x^33 + u'34*x^32 + u'29*x^30 + u'21*x^28 + u'11*x^27 + u'28*x^26 + u'50*x^25 + u'25*x^24 + u'9*x^23 + u'3*x^21 + u'50*x^20 + u'18*x^19 + u'14*x^18 + u'24*x^17 + u'23*x^16 + u'23*x^15 + u'45*x^14 + u'26*x^13 + u'56*x^12 + u'8*x^11 + u'47*x^10 + u'35*x^9 + u'16*x^8 + u'4*x^7 + u'22*x^6 + u'3*x^5 + u'31*x^4 + u'25*x^3 + u'56*x^2 + u'34*x,

u'60*x^56 + u'43*x^52 + u'48*x^50 + u'59*x^49 + u'35*x^48 + u*x^44 + u'24*x^42 + u*x^41 + u'34*x^40 + u'46*x^38 + u'5*x^37 + u'53*x^36 + u'36*x^35 + u'47*x^34 + u'3*x^33 + u'49*x^32 + u'49*x^28 + u'44*x^26 + u'18*x^25 + u'51*x^22 + u'60*x^21 + u*x^20 + u'60*x^18 + u'7*x^17 + u'53*x^16 + u'55*x^14 + u'54*x^13 + u'5*x^12 + u'54*x^11 + u'57*x^10 + u'55*x^9

+ u^53*x^8 + u^7*x^7 + u^51*x^6 + u^19*x^5 + u^12*x^4 + u^43*x^3 + u^22*x^2 + u^48*x,

u^7*x^56 + u^54*x^52 + u^29*x^50 + u^33*x^49 + u^52*x^48 + u^55*x^44 + u^14*x^42 + u^15*x^41 + u^35*x^40 + u^32*x^38 + u^51*x^37 + u^46*x^36 + u^12*x^35 + u^61*x^34 + u^56*x^33 + u^28*x^32 + u^24*x^28 + u^41*x^26 + u^34*x^25 + u^49*x^24 + u^49*x^22 + u^54*x^21 + u^21*x^20 + u^53*x^18 + u^19*x^17 + u^2*x^16 + u^29*x^14 + u^3*x^13 + u^12*x^12 + u^29*x^11 + u^40*x^10 + u^38*x^9 + u^48*x^8 + u^55*x^7 + u^24*x^6 + u^35*x^5 + u^33*x^4 + u^33*x^3 + u^62*x^2 + u^20*x,

u^33*x^60 + u^14*x^58 + x^57 + u^59*x^56 + u^57*x^54 + u^25*x^53 + u^12*x^52 + u^60*x^51 + u^60*x^50 + u^42*x^49 + u^17*x^48 + u^53*x^46 + u^48*x^45 + u^20*x^44 + u^47*x^43 + u^6*x^42 + u^18*x^40 + u^21*x^40 + u^54*x^39 + u^8*x^38 + u^19*x^37 + u^7*x^36 + u^13*x^35 + u^48*x^34 + u^32*x^33 + x^32 + u^18*x^30 + u^40*x^29 + u^23*x^28 + u^26*x^27 + u^26*x^26 + u^9*x^24 + u^28*x^23 + u^32*x^22 + u^62*x^21 + u^49*x^20 + u^50*x^19 + u^12*x^18 + u^42*x^17 + u^39*x^16 + u^42*x^15 + u^21*x^14 + u^33*x^13 + u^27*x^12 + u^43*x^11 + u^6*x^10 + u^32*x^9 + u^27*x^8 + u^11*x^7 + u^34*x^6 + u^6*x^5 + u^11*x^4 + u^42*x^3 + u^9*x^2 + u^26*x,

u^17*x^24 + u^17*x^20 + u^17*x^18 + u^17*x^17 + x^3,

u^44*x^56 + x^52 + u^11*x^50 + u^11*x^49 + u^4*x^48 + u^54*x^44 + u^54*x^42 + u^61*x^41 + u^26*x^40 + u^20*x^38 + u^50*x^37 + u^42*x^36 + u^4*x^35 + u^28*x^34 + u^33*x^33 + u^42*x^32 + u^43*x^28 + u^42*x^26 + u^31*x^25 + u^37*x^22 + u^60*x^21 + u^44*x^20 + u^46*x^19 + u^20*x^18 + x^17 + u^58*x^16 + u^23*x^14 + u^27*x^13 + u^58*x^12 + u^35*x^11 + u^26*x^10 + u^51*x^9 + u^51*x^8 + u^12*x^7 + u^27*x^6 + u^62*x^5 + u^35*x^4 + u^40*x^3 + u^14*x^2 + u^3*x,

u^24*x^56 + u^29*x^52 + u^21*x^50 + u^62*x^49 + u^10*x^48 + u^47*x^44 + u^7*x^42 + u^43*x^41 + u*x^40 + u^43*x^38 + u^61*x^37 + u^55*x^36 + u^53*x^35 + u^10*x^34 + u^44*x^33 + u^27*x^32 + u^20*x^28 + u^26*x^26 + u^47*x^25 + u^51*x^24 + u^13*x^22 + u^45*x^21 + u^60*x^20 + u^45*x^19 + u^15*x^18 + u^29*x^17 + u*x^16 + u^3*x^14 + u^44*x^13 + u^22*x^12 + u^42*x^11 + u^59*x^10 + u^52*x^9 + u^54*x^8 + u^18*x^7 + u^17*x^6 + u^27*x^5 + u^44*x^4 + u^8*x^3 + u^35*x^2 + u^62*x,

u^23*x^56 + u^61*x^52 + u^40*x^50 + u^48*x^49 + u^37*x^48 + u^12*x^44 + u^26*x^42 + u^55*x^41 + u^45*x^40 + u^29*x^38 + u^34*x^37 + u^2*x^36 + u^57*x^35 + u^44*x^34 + u^2*x^33 + u^57*x^32 + u^37*x^28 + u^52*x^26 + u^14*x^25 + u^13*x^24 + u^6*x^22 + u^17*x^21 + u^51*x^20 + u^20*x^19 + u^33*x^18 + u^34*x^17 + u^22*x^16 + u^16*x^14 + u^60*x^12 + u^35*x^11 + u^6*x^10 + u^35*x^9 + u^55*x^8 + u^17*x^7 + u^33*x^6 + u^35*x^5 + u^28*x^4 + u^38*x^3 + u^40*x^2 + u^51*x,

u^14*x^56 + x^52 + u^39*x^50 + u^21*x^49 + u^42*x^48 + u^16*x^44 + u^60*x^42 + u^14*x^41 + u^36*x^40 + u^43*x^38 + u^14*x^37 + u^17*x^36 + u^50*x^35 + u^59*x^34 + x^33 + u^47*x^32 + u^60*x^28 + u^53*x^26 + u^47*x^25 + u^28*x^24 + u^50*x^22 + u^26*x^21 + u^55*x^19 + u^11*x^18 + u^30*x^17 + u^44*x^16 + u^39*x^14 + u^39*x^13 + u^2*x^12 + u^31*x^11 + u^51*x^10 + u^45*x^9 + u^17*x^8 + u^29*x^7 + u^42*x^6 + u^60*x^5 + u^37*x^4 + u^18*x^3 + u^16*x^2 + u^29*x,

u^45*x^60 + u^26*x^58 + u^12*x^57 + u^55*x^56 + u^6*x^54 + u^37*x^53 + u^13*x^52 + u^9*x^51 + u^18*x^49 + u^51*x^48 + u^2*x^46 + u^60*x^45 + u^9*x^44 + u^59*x^43 + x^42 + u^16*x^41 + u^10*x^40 + u^3*x^39 + u^32*x^37 + u^18*x^36 + u^35*x^35 + u^45*x^34 + u^18*x^33 + u^4*x^32 + u^30*x^30 + u^52*x^29 + u^53*x^28 + u^42*x^27 + u^45*x^26 + u^47*x^25 + u^56*x^24 + u^40*x^23 + u^49*x^22 + u^38*x^21 + u^48*x^20 + u^48*x^19 + u^48*x^18 + u*x^17 + u^37*x^16 + u^54*x^15 + u^28*x^14 + u^43*x^13 + u^21*x^12 + u^47*x^11 + u^4*x^10 + u^8*x^9 + u^36*x^8 + u^30*x^7 + u^45*x^6 + u^16*x^5 + u^30*x^4 + u^56*x^3 + u^8*x^2 + u^55*x,

u^32*x^56 + u^51*x^52 + u^8*x^50 + u^50*x^49 + u^59*x^48 + u^6*x^44 + u^33*x^42 + u^4*x^40 + u^53*x^38 + u^24*x^37 + u^60*x^36 + u^51*x^35 + u^56*x^34 + u^24*x^33 + u^30*x^32 + u^29*x^28 + u^50*x^26 + u^39*x^25 + u^54*x^24 + u^51*x^22 + u^25*x^21 + u^51*x^20 + u^48*x^19 + u^19*x^18 + u^56*x^17 + u^56*x^16 + u^44*x^14 + u^21*x^13 + u^44*x^12 + u^3*x^11 + u^25*x^10 + u^46*x^9 + u^16*x^8 + u^18*x^7 + u^31*x^6 + u^35*x^5 + u^5*x^4 + u^16*x^3 + u^27*x^2 + u^32*x,

u^13*x^56 + u^38*x^52 + u^62*x^50 + u^35*x^49 + u^19*x^48 + u^10*x^44 + u^29*x^42 + u^15*x^41 + u^57*x^40 + u^37*x^38 + u^3*x^37 + u^50*x^36 + u^48*x^35 + u^24*x^34 + u^23*x^33 + u^10*x^32 + u^24*x^28 + u^48*x^26 + u^2*x^25 + u^21*x^24 + u^29*x^22 + u^17*x^21 + u^33*x^20 + u*x^19 + u^21*x^18 + u^49*x^17 + u*x^16 + u^61*x^14 + u^13*x^13 + u^27*x^12 + u^37*x^11 + u^9*x^10 + u^11*x^9 + u^59*x^8 + u^17*x^7 + u^37*x^6 + u^16*x^5 + u^16*x^4 + u^49*x^3 + u^36*x^2 + u^9*x,

u^46*x^56 + u^41*x^52 + u^57*x^50 + u^12*x^49 + u^10*x^48 + u^45*x^44 + u^57*x^42 + u^4*x^41 + x^40 + u^39*x^38 + u^45*x^37 + u^6*x^36 + u^11*x^35 + u^53*x^34 + u^22*x^33 + u^57*x^28 + u^8*x^26 + u^57*x^25 + u^30*x^24 + u^8*x^22 + u^26*x^21 + u^58*x^20 + u^7*x^19 + u^37*x^18 + u^49*x^17 + u^12*x^16 + u^12*x^14 + u^47*x^13 + u^24*x^12 + u^52*x^11 + u^42*x^10 + u^21*x^9 + u^16*x^8 + u^49*x^7 + u*x^6 + u^15*x^5 + u^22*x^4 + u^27*x^3 + u^54*x^2,

u^26*x^60 + u^7*x^58 + u^56*x^57 + u^48*x^56 + u^50*x^54 + u^18*x^53 + u^22*x^52 + u^53*x^51 + u^10*x^50 + u^30*x^49 + u^28*x^48 + u^46*x^46 + u^41*x^45 + u^44*x^44 + u^40*x^43 + u^31*x^42 + u^14*x^41 + u^44*x^40 + u^47*x^39 + u^34*x^38 + u^24*x^37 + u^43*x^36 + u^62*x^35 + u^5*x^34 + u^31*x^33 + u^53*x^32 + u^11*x^30 + u^33*x^29 + u^54*x^28 + u^23*x^27 + u^57*x^26 + u^21*x^23 + u^51*x^22 + u^38*x^21 + u^47*x^20 + u^31*x^19 + u^54*x^18 + u^29*x^17 + u^22*x^16 + u^35*x^15 + u^49*x^14 + u^53*x^13 + u^53*x^12 + u^22*x^11 + u^29*x^10 + u^22*x^9 + x^8 + u^27*x^7 + u^21*x^6 + u^41*x^5 + u^28*x^4 + u^62*x^3 + u*x^2 + u^43*x,

u^3*x^56 + u^35*x^52 + u^38*x^50 + u^27*x^49 + u^54*x^48 + u^51*x^44 + u^58*x^42 + u^7*x^41 + u^12*x^40 + u^36*x^38 + u^44*x^37 + u^20*x^36 + u^62*x^35 + u^54*x^34 + u^62*x^33 + u^57*x^32 + u^41*x^28 + u^15*x^26 + u^17*x^25 + u^62*x^24 + u^36*x^22 + u^19*x^21 + u^3*x^20 + u^7*x^19 + u^3*x^18 + u^39*x^17 + u^5*x^16 + u^30*x^14 + u^62*x^13 + x^12 + u^14*x^11 + u^23*x^9 + u^19*x^8 + u^23*x^7 + u^60*x^6 + u^6*x^5 + u^8*x^4 + u^60*x^3 + u^5*x^2 + u^21*x,

u^33*x^56 + u^8*x^52 + u^41*x^50 + u^18*x^49 + u^31*x^48 + u^31*x^44 + u^19*x^42 + u^45*x^41 + u^20*x^40 + u^39*x^38 + u^36*x^37 + u^16*x^36 + u^15*x^35 + u^53*x^34 + u^59*x^33 + u^38*x^32 + u^57*x^28 + u^2*x^26 + u^18*x^25 + u^45*x^24 + u^8*x^22 + u^62*x^21 + u^26*x^20 + u^16*x^19 + u^2*x^18 + u^8*x^17 + u^26*x^16 + u^49*x^14 + u^48*x^13 + u^17*x^12 + u^57*x^11 + u^34*x^10 + u^39*x^9 + u^31*x^8 + u*x^7 + u^6*x^6 + u^41*x^5 + x^4 + u^59*x^3 + u^41*x^2 + u^17*x,

u^54*x^56 + u^19*x^52 + u^60*x^50 + u^16*x^49 + u^20*x^48 + u^3*x^42 + u^45*x^41 + u^32*x^38 + u^19*x^37 + u^60*x^36 + u^17*x^35 + u^13*x^34 + u^41*x^33 + u^5*x^32 + u^38*x^28 + u^5*x^26 + u^54*x^25 + u^8*x^24 + u^10*x^22 + u^58*x^21 + u^50*x^20 + u^17*x^19 + u^50*x^18 + u*x^17 + u^53*x^16 + u^58*x^14 + u^53*x^13 + x^12 + u^48*x^11 + u^53*x^10 + u^58*x^9 + u^25*x^8 + u^62*x^7 + u^50*x^6 + u^57*x^5 + u^39*x^4 + u^19*x^3 + u^12*x^2 + u^19*x,

u^46*x^56 + u^55*x^52 + u^36*x^50 + u^34*x^49 + u^11*x^48 + u^20*x^44 + x^42 + u^11*x^41 + u^56*x^40 + u^28*x^38 + u^38*x^37 + u^7*x^36 + u^55*x^35 + u^23*x^34 + u^41*x^32 + u^35*x^28 + u^61*x^26 + u^8*x^25 + u^55*x^24 + u^38*x^22 + u^28*x^21 + u^26*x^20 + u^28*x^19 + u^12*x^18 + u^55*x^17 + u^50*x^16 + u^35*x^14 + u^17*x^13 + u^42*x^12 + u^15*x^11 + u^7*x^10 + u^35*x^9 + u^40*x^8 + u^7*x^7 + u^34*x^6 + u^29*x^5 + u^15*x^4 + u^34*x^3 + u^31*x^2 + u^44*x,

u^11*x^60 + u^55*x^58 + u^41*x^57 + u^41*x^56 + u^35*x^54 + u^3*x^53 + u^5*x^52 + u^38*x^51 + u^21*x^50 + u^51*x^49 + u^59*x^48 + u^31*x^46 + u^26*x^45 + u^49*x^44 + u^25*x^43 + u^59*x^42 + u^60*x^41 + u^13*x^40 + u^32*x^39 + x^38 + u^36*x^37 + x^36 + u*x^35 + u^27*x^34 + u^43*x^33 + u^17*x^32 + u^59*x^30 + u^18*x^29 + u^17*x^28 + u^8*x^27 + u^28*x^26 + u^29*x^25 + u^20*x^24 + u^6*x^23 + u^12*x^22 + u^35*x^21 + u^13*x^20 + u^6*x^19 + u^24*x^18 + u^36*x^17 + u^12*x^16 + u^20*x^15 + u^54*x^14 + u^41*x^13 + u^59*x^12 + u^55*x^11 + u^16*x^10 + u^18*x^9 + u^48*x^8 + u^12*x^7 + u^10*x^6 + u^12*x^5 + u^44*x^4 + u^60*x^3 + u*x^2 + u^11*x,

u^28*x^56 + u^15*x^52 + u^61*x^50 + u^55*x^49 + u^47*x^48 + u^56*x^44 + u^43*x^42 + u^51*x^41 + u^19*x^40 + u^8*x^38 + u^21*x^37 + u^34*x^36 + u^46*x^35 + u^46*x^34 + u*x^33 + u^23*x^32 + u^61*x^28 + u^60*x^26 + u^34*x^25 + u^34*x^24 + u^50*x^22 + u^21*x^21 + u^8*x^20 + u^48*x^19 + u^9*x^18 + u^38*x^17 + u^25*x^16 + u^14*x^14 + u^28*x^13 + u^11*x^12 + u^45*x^11 + u^33*x^10 + u*x^9 + u^53*x^8 + u^28*x^7 + u^7*x^6 + u^31*x^5 + u^20*x^4 + u^49*x^3 + u^22*x^2 + u^55*x,

u^4*x^56 + u^36*x^52 + u^3*x^50 + u^3*x^49 + u^3*x^48 + u^32*x^44 + u^52*x^42 + u*x^41 + u^53*x^40 + u^52*x^38 + u^61*x^37 + u^21*x^36 + u^5*x^35 + u^22*x^34 + u^52*x^33 + u^35*x^32 + u^54*x^28 + u^14*x^26 + u^21*x^25 + u^21*x^24 + u^21*x^23 + u^15*x^24 + u^23*x^22 + u^55*x^21 + u^4*x^20 + u^35*x^19 + u^57*x^18 + u^4*x^17 + u^21*x^16 + u^21*x^14 + u^12*x^13 + u^17*x^12 + u^34*x^11 + u^21*x^10 + u^34*x^9 + u^44*x^8 + u^41*x^7 + u^10*x^6 + u^12*x^5 + u^12*x^4 + u^20*x^3 + u^3*x^2 + u^54*x,

u^11*x^60 + u^55*x^58 + u^41*x^57 + u^62*x^56 + u^35*x^54 + u^3*x^53 + u^52*x^52 + u^38*x^51 + u^61*x^50 + u^35*x^49 + u^41*x^48 + u^31*x^46 + u^26*x^45 + u^17*x^44 + u^25*x^43 + u^11*x^42 + u^45*x^41 + u^24*x^40 + u^32*x^38 + u^48*x^38 + u^48*x^37 + u^47*x^36 + u^46*x^35 + u^54*x^34 + u^45*x^33 + u^59*x^32 + u^18*x^29 + u^17*x^28 + u^8*x^27 + u^45*x^26 + u^15*x^25 + u^16*x^24 + u^6*x^23 + u^25*x^22 + u^62*x^21 + u^34*x^20 + u^53*x^19 + u^52*x^18 + u^35*x^17 + u^41*x^16 + u^20*x^15 + u^35*x^14 + u^24*x^12 + u^23*x^11 + u^18*x^10 + u^14*x^9 + u^48*x^8 + u^52*x^7 + u^54*x^6 + u^30*x^5 + u^12*x^4 + u^54*x^3 + u^56*x^2 + u^53*x,

u^24*x^60 + u^5*x^58 + u^54*x^57 + x^56 + u^48*x^54 + u^16*x^53 + u^53*x^52 + u^51*x^51 + u^2*x^50 + u*x^49 + u^57*x^48 + u^44*x^46 + u^39*x^45 + u^28*x^44 + u^38*x^43 + u*x^42 + u^53*x^41 + u^19*x^40 + u^45*x^38 + u^33*x^38 + u^4*x^38 + u^13*x^36 + u^34*x^36 + u^42*x^35 + u^9*x^34 + u^41*x^33 + u^50*x^32 + u^9*x^30 + u^31*x^29 + u^38*x^28 + u^21*x^27 + u^55*x^26 + u^26*x^25 + u^7*x^24 + u^19*x^23 + u^40*x^22 + u^53*x^21 + u^57*x^20 + u^34*x^19 + u^52*x^18 + u^11*x^17 + u^7*x^16 + u^33*x^15 + u^38*x^14 + u^28*x^13 + u^7*x^12 + u^9*x^11 + u^7*x^10 + u^43*x^9 + u^49*x^8 + u^41*x^7 + u^6*x^6 + u^53*x^5 + u^26*x^4 + u^14*x^3 + u^16*x^2 + u^47*x,

u^44*x^56 + u^22*x^52 + u^53*x^50 + u^57*x^49 + u^9*x^48 + u^21*x^44 + u^15*x^42 + u^13*x^41 + u^8*x^40 + u^51*x^38 + u^27*x^37 + u^32*x^35 + u^19*x^34 + u^23*x^33 + u^34*x^32 + u^55*x^28 + u^37*x^26 + u^13*x^25 + u^32*x^24 + u^28*x^22 + u^28*x^21 + u^45*x^20 + u^9*x^19 + u^46*x^18 + u^53*x^16 + u^52*x^15 + u^40*x^14 + u^20*x^13 + u^7*x^12 + u^8*x^11 + u^3*x^10 + u^46*x^9 + u^48*x^8 + u^2*x^7 + u^28*x^6 + u^19*x^5 + u^48*x^4 + u^25*x^3 + u^31*x^2 + u^26*x,

u^11*x^60 + u^55*x^58 + u^41*x^57 + u^14*x^56 + u^35*x^54 + u^3*x^53 + u^21*x^52 + u^38*x^51 + u^40*x^50 + u^3*x^49 + u^48*x^48 + u^31*x^46 + u^26*x^45 + u^38*x^44 + u^25*x^43 + u^7*x^42 + u^2*x^41 + u^59*x^40 + u^32*x^39 + u^33*x^38 + u^19*x^37 + u^23*x^36 + u^39*x^35 + u^62*x^34 + u^8*x^33 + u^47*x^32 + u^59*x^30 + u^18*x^29 + u^35*x^28 + u^8*x^27 + u^15*x^26 + u^39*x^25 + u^9*x^24 + u^6*x^23 + u^60*x^22 + u^2*x^21 + u^5*x^20 + u^33*x^19 + u^34*x^18 + u^25*x^17 + u^40*x^16 + u^56*x^14 + u^20*x^13 + u^7*x^12 + u^8*x^11 + u^3*x^10 + x^9 + u^46*x^8 + u^38*x^7 + u^11*x^6 + u^46*x^5 + u^54*x^4 + u^54*x^3 + u^56*x^2 + u^40*x,

u^43*x^56 + u^6*x^52 + u^14*x^50 + u^5*x^49 + u^41*x^48 + u^8*x^44 + u^53*x^42 + u^8*x^41 + u^9*x^40 + u^27*x^38 + u^43*x^37 + u^58*x^36 + u^59*x^35 + u^16*x^34 + u^61*x^33 + u^5*x^32 + u^9*x^28 + u^13*x^26 + u^40*x^25 + u^23*x^24 + u^3*x^22 + u^40*x^21 + u^41*x^20 + u*x^19 + u^57*x^18 + u^55*x^17 + u^18*x^16 + u^25*x^14 + u^34*x^13 + u^21*x^12 + u^3*x^11 + u^31*x^10 + u^59*x^9 + u^55*x^8 + u^54*x^7 + u^54*x^6 + u^16*x^5 + u^48*x^4 + u^2*x^3 + u^6*x^2 + u^62*x,

u^26*x^60 + u^7*x^58 + u^56*x^57 + u^58*x^56 + u^50*x^54 + u^18*x^53 + u^20*x^52 + u^53*x^51 + u^14*x^50 + u^11*x^49 + u^46*x^48 + u^46*x^46 + u^41*x^45 + u^5*x^44 + u^40*x^43 + u^61*x^42 + u^29*x^41 + u^44*x^40 + u^47*x^39 + u^10*x^38 + u^21*x^37 + u^52*x^36 + u^10*x^35 + u^9*x^34 + u^41*x^33 + u^34*x^32 + u^11*x^30 + u^33*x^29 + u^38*x^28 + u^23*x^27 + u^32*x^26 + u^56*x^25 + u^34*x^24 + u^21*x^23 + u^60*x^22 + u^41*x^21 + u^34*x^20 + u^26*x^19 + u^20*x^18 + u^40*x^17 + u^5*x^16 + u^35*x^15 + u^37*x^14 + u^30*x^13 + u^42*x^12 + u^51*x^11 + u^60*x^10 + u^16*x^9 + u^2*x^8 + u^5*x^7 + u^31*x^6 + u^42*x^5 + u^34*x^4 + u^36*x^3 + u^4*x^2 + u^23*x,

u^3*x^56 + u^38*x^52 + u^48*x^50 + u^60*x^49 + u^9*x^44 + u^39*x^42 + u^33*x^41 + u^32*x^40 + u^13*x^38 + u^11*x^37 + u^30*x^36 + u^19*x^35 + u^42*x^34 + u^41*x^33 + u^2*x^32 + u^53*x^28 +

u^11*x^26 + u^34*x^25 + u^5*x^24 + u^17*x^22 + u^8*x^21 + u^27*x^20 + u^40*x^19 + u^38*x^18 + u^23*x^17 + u^37*x^16 + u^8*x^14 + u^28*x^13 + u^38*x^12 + u^43*x^11 + u^17*x^10 + u^32*x^9 + u^61*x^8 + u^15*x^7 + u^30*x^6 + u^37*x^5 + u^26*x^4 + u^37*x^3 + u^51*x^2 + u^47*x,

u^57*x^56 + u^44*x^52 + u^27*x^50 + u^21*x^49 + u^60*x^48 + u^2*x^44 + u^40*x^42 + u^5*x^41 + u^44*x^40 + u^23*x^38 + u^13*x^37 + u^61*x^36 + u^32*x^35 + u^18*x^34 + u^36*x^33 + u^2*x^32 + u^4*x^28 + u^59*x^26 + u^49*x^25 + u^49*x^24 + u^43*x^22 + u^41*x^21 + u^45*x^20 + u^62*x^19 + u^28*x^18 + u^3*x^17 + u^50*x^16 + u^17*x^14 + u^15*x^13 + u^56*x^12 + u^56*x^11 + u^35*x^10 + u^15*x^9 + u^13*x^8 + u^13*x^7 + u^30*x^6 + u^38*x^5 + u^16*x^4 + u^15*x^3 + u^41*x^2 + u^26*x,

u^8*x^56 + u^5*x^52 + u^14*x^50 + u^41*x^49 + u^18*x^48 + u*x^44 + u^17*x^42 + u^17*x^41 + u^61*x^40 + u^34*x^38 + u^38*x^37 + u^20*x^36 + u^40*x^35 + u^50*x^34 + u^35*x^33 + u^51*x^32 + u^57*x^28 + u^8*x^26 + u^21*x^25 + u^25*x^24 + u^32*x^22 + u^43*x^21 + u^49*x^20 + u^32*x^19 + u^58*x^18 + u^54*x^17 + u^28*x^16 + u^33*x^14 + u^57*x^13 + u^31*x^12 + u^52*x^11 + u^23*x^10 + u^59*x^9 + u^46*x^8 + u^46*x^7 + u^12*x^6 + u*x^5 + u^13*x^4 + u^14*x^3 + u^51*x^2 + u^14*x,

u^41*x^60 + u^22*x^58 + u^8*x^57 + u^57*x^56 + u^2*x^54 + u^33*x^53 + u^8*x^52 + u^5*x^51 + u^22*x^50 + u^14*x^49 + u^47*x^48 + u^61*x^46 + u^56*x^45 + u^25*x^44 + u^55*x^43 + u^59*x^42 + u^47*x^41 + u^59*x^40 + u^62*x^39 + u^61*x^38 + u^50*x^37 + u^49*x^36 + u^45*x^35 + u^49*x^34 + u^61*x^33 + u^29*x^32 + u^26*x^30 + u^48*x^29 + u^38*x^28 + u^38*x^27 + u^18*x^26 + u^11*x^25 + u^4*x^24 + u^36*x^23 + u^51*x^22 + u^14*x^21 + u^52*x^20 + u^5*x^19 + u^35*x^18 + u^30*x^17 + u^34*x^16 + u^50*x^15 + u^34*x^14 + u^45*x^13 + u^56*x^12 + u^21*x^11 + u^39*x^10 + u^3*x^9 + u^27*x^8 + u^7*x^7 + u^35*x^6 + u^38*x^5 + u^45*x^4 + u^46*x^3 + u^50*x^2 + u^15*x,

u^6*x^56 + u^50*x^52 + u^25*x^50 + x^49 + u^36*x^48 + u^13*x^44 + u*x^42 + u^16*x^41 + u^51*x^40 + u^31*x^38 + u^40*x^37 + u^31*x^36 + u^14*x^35 + u^8*x^34 + u^16*x^33 + u^52*x^32 + u^57*x^28 + u^25*x^26 + u^59*x^25 + u^55*x^24 + u^11*x^22 + u^11*x^21 + u^46*x^20 + u^43*x^18 + u^41*x^17 + u^44*x^16 + u^27*x^14 + u^41*x^13 + u^30*x^12 + u^53*x^11 + u^42*x^10 + u^40*x^9 + u^39*x^8 + u^13*x^7 + u^45*x^6 + u^45*x^5 + u^36*x^4 + u^12*x^3 + u^35*x^2 + u^17*x,

u^23*x^56 + u^17*x^52 + u^20*x^50 + u^52*x^49 + u^16*x^48 + u^43*x^44 + u^48*x^42 + u^52*x^41 + x^40 + u^8*x^38 + x^37 + u^56*x^36 + u^12*x^35 + u^17*x^34 + u^40*x^33 + u^59*x^32 + u^21*x^28 + u^41*x^26 + u^13*x^25 + u^53*x^24 + u^15*x^22 + u^11*x^21 + u^11*x^20 + u^19*x^19 + u^38*x^18 + u^25*x^17 + u^8*x^16 + u^50*x^14 + u^40*x^13 + u^35*x^12 + u^35*x^11 + u^30*x^10 + u^37*x^9 + u^58*x^8 + u^40*x^7 + u^58*x^6 + u^4*x^5 + u^28*x^4 + u^56*x^3 + u^13*x^2 + u^11*x

];

Function:

x^3 + u^11*x^5 + u^13*x^9 + x^17 + u^11*x^33 + x^48,

#EA-Classes: 19

Degrees: {* 2, 3^15, 4^13 }

Representatives:

[x^48 + u^11*x^33 + x^17 + u^13*x^9 + u^11*x^5 + x^3,

u^14*x^56 + u^2*x^52 + x^50 + u^55*x^49 + u^56*x^48 + u^6*x^44 + u^5*x^42 + u^28*x^41 + u^26*x^40 + u^35*x^38 + u^29*x^37 + u^46*x^36 + u^46*x^35 + u^13*x^34 + u^54*x^33 + u^30*x^32 + u^29*x^28 + u^15*x^26 + u^27*x^25 + u^34*x^24 + u^6*x^22 + u^22*x^21 + u^42*x^20 + u^60*x^19 + u^29*x^18 + u^56*x^16 + u^44*x^14 + u^21*x^13 + u^42*x^12 + u^52*x^11 + u^30*x^10 + u^13*x^9 + u^5*x^8 + u^55*x^7 + u^29*x^6 + u^10*x^5 + u^39*x^4 + u^10*x^3 + u^27*x^2 + u*x,

u^9*x^56 + u^4*x^52 + u^7*x^50 + u^57*x^49 + u^47*x^48 + u^58*x^44 + u^21*x^42 + u^15*x^41 + u^8*x^40 + u^4*x^38 + u^48*x^37 + x^36 + u^14*x^35 + u^37*x^34 + u^33*x^33 + u^17*x^32 + u^41*x^28 + u^56*x^26 + u^59*x^25 + u^17*x^24 + u^28*x^22 + u^58*x^21 + u^49*x^20 + u^55*x^19 + u^59*x^18 + u^49*x^17 + u^61*x^16 + u^2*x^14 + u^31*x^13 + u^20*x^12 + u^26*x^11 + u^9*x^10 + u^27*x^9 + u^58*x^8 + u^11*x^7 + u^38*x^6 + u*x^5 + u^19*x^4 + u^38*x^3 + u^61*x^2 + u^14*x,

u^38*x^56 + u^9*x^52 + u^19*x^50 + u^40*x^49 + u^35*x^48 + u^17*x^44 + u^56*x^42 + u^15*x^41 + u^62*x^40 + u^26*x^38 + u^5*x^37 + u^12*x^36 + u^20*x^35 + u^55*x^34 + u^6*x^33 + u^12*x^32 + u^29*x^28 + u^42*x^26 + u^25*x^24 + u^57*x^22 + u^41*x^22 + u^41*x^21 + u^52*x^20 + u^5*x^19 + u^5*x^18 + u^34*x^17 + u^29*x^16 + u^44*x^14 + u^59*x^13 + u^14*x^12 + u^33*x^11 + u^22*x^10 + u^46*x^9 + u^29*x^8 + u^6*x^7 + u^6*x^6 + u^34*x^5 + u^6*x^4 + u^6*x^3 + u^14*x^2 + u^54*x,

u^14*x^56 + u^52*x^52 + u^47*x^50 + u^58*x^49 + u^27*x^48 + u^38*x^44 + u^29*x^42 + u^26*x^41 + u^49*x^40 + u^39*x^38 + u^55*x^37 + u^61*x^36 + u^12*x^35 + u^50*x^33 + u^25*x^32 + u*x^28 + u^13*x^26 + u^52*x^25 + u^32*x^24 + u^10*x^22 + u^18*x^21 + u^56*x^20 + u^26*x^19 + u^5*x^18 + u*x^17 + u^37*x^16 + u^58*x^14 + u^20*x^12 + u^46*x^11 + u^60*x^10 + u^46*x^9 + u^42*x^8 + u^12*x^7 + u^13*x^6 + u^37*x^5 + u^26*x^4 + u^51*x^3 + u^55*x^2 + u^27*x,

u^57*x^60 + u^38*x^58 + u^24*x^57 + u^23*x^56 + u^18*x^54 + u^49*x^53 + u^43*x^52 + u^21*x^51 + u^32*x^50 + u^40*x^49 + u^17*x^48 + u^14*x^46 + u^9*x^45 + u^6*x^44 + u^8*x^43 + u^9*x^42 + u^31*x^41 + u^29*x^40 + u^15*x^39 + u^35*x^38 + u^16*x^37 + u^44*x^36 + u^40*x^35 + u^14*x^34 + u^5*x^33 + u^49*x^32 + u^42*x^30 + u*x^29 + u^6*x^28 + u^54*x^27 + u^37*x^26 + u^42*x^25 + u^42*x^24 + u^52*x^23 + u^26*x^22 + u^51*x^21 + u^47*x^20 + u^16*x^19 + u^51*x^18 + u^9*x^17 + u^18*x^16 + u^3*x^15 + u^41*x^14 + u^61*x^13 + u^38*x^12 + u^11*x^10 + u^62*x^9 + u^11*x^8 + u^62*x^7 + u^16*x^6 + u^2*x^5 + u^50*x^4 + u^14*x^3 + u^50*x^2 + u^49*x,

u^12*x^56 + u^21*x^52 + u^41*x^50 + u^28*x^49 + u^42*x^48 + u^28*x^44 + u^14*x^42 + u^28*x^41 + u^56*x^40 + u^8*x^38 + u^11*x^37 + u^44*x^36 + u^42*x^35 + u^48*x^34 + u^6*x^33 + u^39*x^32 + u^6*x^28 + u^20*x^26 + u^56*x^25 + u^37*x^24 + u^35*x^22 + u^18*x^21 + u^33*x^20 + u^43*x^19 + u^53*x^18 + u^5*x^17 + u^14*x^16 + u^17*x^14 + u^56*x^13 + u^12*x^12 + u^38*x^11 + u^34*x^10 + u^13*x^9 + u^59*x^8 + u^7*x^7 + u^19*x^6 + u^38*x^5 + u^25*x^4 + u^15*x^3 + u^56*x^2 + u^26*x,

u^4*x^56 + u^42*x^52 + u^62*x^50 + u^58*x^49 + u^11*x^48 + u^40*x^44 + u^14*x^42 + u^54*x^41 + u^10*x^40 + u^47*x^38 + u^33*x^37 + u^28*x^36 + u^18*x^35 + u^44*x^34 + u^25*x^33 + u^46*x^32 + u^26*x^26 + u^58*x^26 + u^21*x^25 + u^17*x^24 + u^28*x^22 + u^55*x^21 + u^61*x^20 + u^56*x^19 + u^23*x^18 + u^55*x^17 + u^43*x^16 + u^29*x^14 + u^11*x^13 + u^4*x^12 + u^49*x^11 + u^32*x^10 + u^9*x^9 + u^27*x^8 + u^54*x^7 + u^12*x^6 + u^29*x^5 + u^15*x^4 + u^41*x^3 + u^47*x^2 + u^56*x,

u^18*x^60 + u^62*x^58 + u^48*x^57 + u^56*x^56 + u^42*x^54 + u^10*x^53 + u^4*x^52 + u^45*x^51 + u^59*x^50 + u^25*x^49 + u^10*x^48 + u^38*x^46 + u^33*x^45 + u^34*x^44 + u^32*x^43 + u^11*x^42 + u^16*x^41 + u^3*x^40 + u^39*x^39 + u^36*x^38 + u^55*x^37 + u^23*x^36 + u^16*x^35 + u^53*x^34 + u^2*x^33 + u^47*x^32 + u^3*x^30 + u^25*x^29 + u^56*x^28 + u^15*x^27 + u^42*x^26 + u^4*x^25 + u^19*x^24 + u^13*x^23 + u^10*x^22 + u^6*x^21 + u^5*x^20 + u^30*x^19 + u^28*x^18 + u^26*x^17 + u^32*x^16 + u^27*x^15 + u^46*x^14 + u^52*x^13 + u^29*x^12 + u^34*x^11 + u^55*x^10 + u^49*x^9 + u^29*x^8 + u^25*x^7 + u^53*x^6 + u^25*x^5 + x^4 + u^7*x^3 + u^32*x^2 + u^53*x,

x^56 + u^61*x^52 + u^33*x^50 + u^10*x^49 + u^51*x^48 + u^30*x^44 + u^17*x^42 + u^30*x^41 + u^15*x^40 + u^61*x^38 + u^34*x^37 + u^44*x^36 + u^6*x^35 + u^20*x^34 + u^5*x^33 + u^35*x^32 + u^43*x^28 + u^58*x^26 + u^51*x^25 + u^50*x^24 + u^26*x^22 + u^52*x^21 + u^62*x^20 + u^60*x^19 + u^28*x^18 + u^60*x^17 + u^53*x^16 + u^42*x^14 + u^49*x^13 + u^57*x^12 + u^26*x^11 + u^59*x^10 + u^39*x^9 + u^6*x^8 + u^44*x^7 + x^6 + u^34*x^5 + u^56*x^4 + u^17*x^3 + u^19*x^2 + u^50*x,

u^54*x^56 + u^48*x^52 + u^23*x^50 + u^39*x^49 + u^22*x^48 + u^58*x^44 + u^50*x^42 + u^51*x^41 + u^19*x^40 + u^60*x^38 + u^37*x^37 + u^12*x^36 + u^61*x^35 + u^42*x^34 + u^23*x^33 + u^51*x^32 + u^50*x^28 + u^44*x^26 + u^42*x^25 + u^5*x^24 + u^48*x^22 + u^48*x^21 + u^22*x^20 + u^10*x^19 + u^25*x^18 + u^44*x^17 + u^39*x^16 + u^2*x^13 + u^47*x^12 + u^45*x^11 + u^4*x^10 + u^51*x^9 + u^50*x^7 + u^2*x^6 + u^57*x^5 + u^12*x^4 + u^51*x^2 + u^12*x,

u^20*x^56 + u^14*x^52 + u^43*x^50 + u^39*x^49 + u^45*x^48 + u^10*x^44 + u^61*x^42 + u^17*x^41 + u^49*x^40 + u^30*x^38 + u^39*x^37 + u^14*x^36 + u^2*x^35 + u^38*x^34 + u^49*x^33 + u^50*x^32 + u^47*x^28 + u^46*x^26 + u^56*x^25 + u^35*x^24 + u^5*x^22 + u^31*x^21 + u^54*x^20 + u^34*x^19 + u^47*x^18 + u^32*x^17 + u^31*x^16 + u^60*x^14 + u^24*x^13 + u^15*x^12 + u^32*x^11 + u^47*x^10 + x^9 + u^52*x^8 + u^59*x^7 + u^12*x^6 + u^8*x^5 + u^47*x^4 + u^42*x^3 + u^32*x^2 + u^17*x,

u^18*x^56 + u^22*x^52 + u^17*x^50 + u^20*x^49 + u^26*x^48 + x^44 + u^41*x^42 + u^26*x^41 + u^28*x^40 + u^21*x^38 + u^34*x^37 + u^25*x^36 + u^16*x^35 + u^61*x^34 + u^13*x^33 + u^55*x^32 + u^45*x^28 + u^7*x^26 + u^18*x^25 + u^15*x^24 + u^49*x^22 + u^17*x^21 + u^23*x^20 + u^16*x^19 + u^19*x^18 + u^28*x^17 + u^3*x^16 + u^3*x^14 + u^50*x^13 + u^2*x^12 + u^21*x^11 + u^27*x^10 + u^48*x^9 + u^31*x^8 + u^52*x^7 + u^55*x^6 + u^5*x^5 + u^49*x^4 + u^35*x^3 + u^45*x^2 + u^10*x,

u^35*x^56 + u^56*x^52 + u^59*x^50 + u^57*x^49 + u^13*x^48 + u^30*x^44 + u^29*x^42 + u^38*x^41 + u^51*x^40 + u^11*x^38 + u^50*x^37 + u^6*x^36 + u^3*x^35 + u^7*x^34 + u^3*x^33 + u^47*x^32 + u^22*x^28 + u^46*x^26 + u^16*x^25 + u^32*x^24 + u^46*x^21 + u^33*x^20 + u^8*x^19 + u^31*x^18 + u^4*x^17 + u^19*x^16 + u^23*x^14 + u^29*x^13 + u^2*x^12 + u^16*x^11 + u^28*x^10 + u^33*x^9 + u^45*x^8 + u^7*x^7 + u^3*x^6 + u^36*x^5 + u^39*x^4 + x^3 + u^12*x^2 + u^14*x,

u^9*x^56 + u^51*x^52 + u^47*x^50 + u^6*x^49 + u^8*x^48 + u^44*x^44 + u^31*x^42 + u^37*x^41 + u^30*x^40 + u^61*x^38 + u^50*x^37 + u^38*x^36 + u^58*x^35 + u^22*x^34 + u^47*x^33 + u^44*x^32 + u^35*x^28 + u^7*x^26 + u^6*x^25 + u^12*x^24 + u^17*x^22 + u^12*x^21 + u^45*x^20 + u^39*x^19 + u^23*x^18 + x^17 + u^6*x^16 + u*x^14 + u^45*x^13 + u^8*x^12 + u^37*x^11 + u^48*x^10 + u^36*x^9 + u^62*x^8 + u^29*x^7 + u^40*x^6 + u^55*x^5 + u^41*x^4 + u^62*x^3 + u^23*x^2 + u^12*x,

u^38*x^56 + u^9*x^52 + u^58*x^50 + u^4*x^49 + u^57*x^48 + u^47*x^44 + u^6*x^42 + u^41*x^41 + u^14*x^40 + u^46*x^38 + u^40*x^37 + u^55*x^36 + u^61*x^35 + u^46*x^34 + u^50*x^33 + u^35*x^32 + u^15*x^28 + u^22*x^26 + u^57*x^25 + u^20*x^24 + u^54*x^22 + u^24*x^21 + u^45*x^20 + u^55*x^19 + u^30*x^18 + u^37*x^17 + u^32*x^16 + u^44*x^14 + u^52*x^13 + u^28*x^12 + u^54*x^11 + u^44*x^10 + u^33*x^9 + u^14*x^8 + u^23*x^7 + u^39*x^6 + u^42*x^5 + u^46*x^4 + u^33*x^3 + u^46*x^2 + u^60*x,

u^37*x^60 + u^18*x^58 + u^4*x^57 + x^56 + u^61*x^54 + u^29*x^53 + u^22*x^52 + u*x^51 + u^57*x^50 + u^61*x^49 + u^60*x^48 + u^57*x^46 + u^52*x^45 + u^61*x^44 + u^51*x^43 + u^26*x^42 + u^40*x^41 + u^25*x^40 + u^58*x^39 + u^3*x^38 + u^13*x^37 + u^51*x^36 + u^48*x^35 + u^50*x^34 + u^56*x^33 + u^44*x^32 + u^22*x^30 + u^44*x^29 + u^61*x^28 + u^34*x^27 + u^4*x^26 + u^57*x^25 + u^52*x^24 + u^32*x^23 + u^43*x^22 + u^2*x^21 + u^25*x^20 + u^16*x^19 + u^41*x^18 + u^49*x^17 + u^29*x^16 + u^7*x^14 + u^31*x^13 + u^2*x^12 + u^52*x^11 + u^26*x^10 + u^40*x^9 + u^20*x^8 + u^48*x^7 + u^36*x^6 + u^3*x^5 + u^31*x^4 + u^62*x^3 + u^23*x^2 + u^4*x,

u^22*x^56 + u^14*x^52 + u^37*x^50 + u^53*x^49 + u^25*x^48 + u^51*x^44 + u*x^42 + u^40*x^41 + u^30*x^40 + u^58*x^38 + u^45*x^37 + u^47*x^36 + u^57*x^35 + u^54*x^34 + u^50*x^33 + u^13*x^32 + u^42*x^28 + u^49*x^26 + u^51*x^24 + u^62*x^22 + u^23*x^21 + u^36*x^20 + x^19 + u^2*x^18 + u^33*x^17 + u^28*x^16 + u^40*x^14 + u^62*x^13 + u^28*x^12 + u^34*x^11 + u^30*x^10 + u^16*x^9 + u^9*x^8 + u^50*x^7 + u^54*x^6 + u^22*x^5 + u^62*x^4 + u^23*x^3 + u^30*x^2 + u^29*x,

$u^{15}x^{56} + u^{53}x^{52} + u^{37}x^{50} + u^{12}x^{49} + u^{47}x^{48} + u^{8}x^{44} + u^{4}x^{42} + u^{14}x^{41} + u^{39}x^{40} + u^{47}x^{38} + u^{50}x^{37} + u^{6}x^{36} + u^{51}x^{35} + u^{44}x^{34} + u^{7}x^{33} + u^{55}x^{32} + u^{32}x^{28} + u^{26}x^{26} + u^{49}x^{25} + u^{62}x^{24} + u^{51}x^{22} + u^{54}x^{21} + u^{34}x^{20} + u^{42}x^{19} + u^{50}x^{18} + u^{16}x^{17} + ux^{16} + u^5x^{14} + u^{54}x^{13} + u^{51}x^{12} + u^{28}x^{11} + u^5x^{10} + u^{39}x^9 + u^{40}x^8 + u^{58}x^7 + u^{59}x^6 + u^{62}x^5 + u^{46}x^4 + u^3x^3 + x^2 + u^{47}x$

];

Function:

$u^{25}x^5 + x^9 + u^{38}x^{12} + u^{25}x^{18} + u^{25}x^{36}$,

#EA-Classes: 85

Degrees: {* 2, 3**6, 4**18 *}

Representatives:

[

$u^{31}x^{56} + u^{52}x^{52} + u^{62}x^{50} + ux^{49} + u^{62}x^{48} + u^{21}x^{44} + u^{42}x^{42} + u^{56}x^{41} + u^{8}x^{40} + u^{55}x^{38} + u^{12}x^{37} + u^{49}x^{36} + u^{42}x^{35} + u^{41}x^{34} + u^{30}x^{33} + u^{40}x^{32} + u^{20}x^{28} + u^{22}x^{26} + u^{50}x^{25} + u^{53}x^{24} + ux^{22} + u^{48}x^{21} + u^{42}x^{20} + u^{27}x^{19} + u^{12}x^{18} + u^{50}x^{17} + u^{26}x^{16} + u^{15}x^{14} + u^{27}x^{13} + u^9x^{12} + u^9x^{11} + u^{43}x^{10} + u^{53}x^9 + u^{18}x^8 + u^{21}x^7 + u^{36}x^6 + u^{39}x^5 + u^{40}x^4 + u^{16}x^3 + u^{58}x^2 + u^{56}x$,

$u^{56}x^{52} + u^{32}x^{50} + u^{35}x^{49} + u^{22}x^{48} + u^9x^{44} + u^{53}x^{42} + u^{39}x^{41} + u^{26}x^{40} + u^{31}x^{38} + u^{21}x^{37} + u^{20}x^{36} + u^{37}x^{35} + u^{49}x^{34} + u^{12}x^{33} + u^{21}x^{32} + u^{60}x^{28} + u^{41}x^{26} + u^{27}x^{25} + u^{14}x^{24} + u^{61}x^{22} + u^{45}x^{21} + u^6x^{20} + ux^{19} + u^{13}x^{18} + u^{4}x^{17} + u^{20}x^{16} + u^{51}x^{14} + u^{48}x^{13} + u^{11}x^{12} + u^{41}x^{11} + u^7x^{10} + u^{26}x^9 + u^{44}x^8 + u^{52}x^6 + u^{14}x^5 + u^{35}x^4 + u^{30}x^3 + u^{49}x^2 + u^{23}x$,

$u^{43}x^{56} + u^{46}x^{52} + u^{40}x^{50} + u^5x^{49} + u^{28}x^{48} + u^{61}x^{44} + u^{16}x^{42} + u^{39}x^{41} + u^6x^{40} + u^{10}x^{38} + u^{50}x^{37} + u^{17}x^{36} + u^{15}x^{35} + u^{21}x^{34} + u^{20}x^{33} + u^{49}x^{32} + u^{49}x^{28} + u^{53}x^{26} + u^{34}x^{25} + u^{31}x^{24} + u^9x^{22} + u^{11}x^{21} + u^{61}x^{20} + u^{44}x^{19} + u^{60}x^{18} + u^{11}x^{17} + u^{33}x^{16} + u^{25}x^{14} + u^{41}x^{13} + u^5x^{12} + u^{60}x^{11} + u^{20}x^{10} + u^{47}x^9 + u^{58}x^8 + u^{38}x^7 + u^{28}x^6 + u^{36}x^5 + u^{33}x^4 + u^{20}x^3 + u^{30}x^2 + u^{11}x$,

$u^{12}x^{56} + u^{16}x^{52} + u^{11}x^{50} + u^{14}x^{49} + u^{36}x^{48} + u^{32}x^{44} + u^5x^{42} + u^8x^{41} + u^{13}x^{40} + u^{23}x^{38} + u^{21}x^{37} + u^3x^{36} + u^{27}x^{35} + u^{30}x^{34} + u^{43}x^{33} + u^{29}x^{32} + u^{39}x^{28} + u^{40}x^{26} + u^{60}x^{25} + u^{43}x^{24} + u^{46}x^{22} + u^{36}x^{21} + x^{20} + u^{43}x^{19} + u^{43}x^{18} + u^{15}x^{17} + u^{44}x^{16} + u^8x^{14} + u^{24}x^{13} + u^{30}x^{12} + u^{57}x^{11} + u^{41}x^{10} + u^{44}x^9 + u^{23}x^7 + u^{34}x^6 + u^{26}x^5 + u^7x^4 + u^{28}x^3 + u^2x^2 + u^{14}x^2 + u^{53}x$,

$u^5x^{60} + u^{49}x^{58} + u^{35}x^{57} + u^{57}x^{56} + u^{29}x^{54} + u^{60}x^{53} + u^4x^{52} + u^{32}x^{51} + u^{47}x^{50} + u^{32}x^{49} + u^{27}x^{48} + u^{25}x^{46} + u^{20}x^{45} + u^{41}x^{44} + u^{19}x^{43} + u^{42}x^{42} + u^{10}x^{41} + u^{54}x^{40} + u^{26}x^{39} + u^{47}x^{38} + u^{40}x^{37} + u^{50}x^{35} + u^5x^{34} + u^{61}x^{33} + u^{14}x^{32} + u^{53}x^{30} + u^{12}x^{29} + u^{58}x^{28} + u^2x^{27} + u^{35}x^{26} + u^{33}x^{25} + u^{27}x^{24} + x^{23} + u^{42}x^{22} + u^{29}x^{21} + u^{56}x^{20} + u^{60}x^{19} + u^{62}x^{18} + u^7x^{17} + u^{45}x^{16} + u^{14}x^{15} + u^{27}x^{14} + u^{47}x^{13} + u^{10}x^{12} + u^{38}x^{11} + u^{11}x^{10} + u^4x^9 + u^{14}x^8 + u^{11}x^7 + u^{61}x^6 + u^{47}x^5 + u^{29}x^4 + u^{46}x^3 + u^{51}x^2 + u^{7}x$,

$u^{33}x^{60} + u^{14}x^{58} + x^{57} + u^{13}x^{56} + u^{57}x^{54} + u^{25}x^{53} + u^{43}x^{52} + u^{60}x^{51} + u^{21}x^{50} + x^{49} + u^{14}x^{48} + u^{53}x^{46} + u^{48}x^{45} + u^{55}x^{44} + u^{47}x^{43} + u^{34}x^{42} + u^{40}x^{41} + u^{37}x^{40} + u^{54}x^{39} + u^{49}x^{38} + u^{26}x^{37} + u^{23}x^{36} + u^{40}x^{35} + u^{38}x^{34} + u^{23}x^{33} + u^{11}x^{32} + u^{18}x^{30} + u^{40}x^{29} + ux^{28} + u^{30}x^{27} + u^{56}x^{26} + u^{24}x^{25} + u^{19}x^{24} + u^{28}x^{23} + u^{55}x^{22} + u^{59}x^{21} + u^{13}x^{20} + u^2x^{19} + u^{45}x^{18} + u^{55}x^{17} + u^{52}x^{16} + u^{42}x^{15} + u^{26}x^{14} + u^{50}x^{13} + u^{56}x^{12} + u^{17}x^{11} + ux^{10} + u^{51}x^9 + u^{31}x^8 + u^{42}x^7 + u^{59}x^6 + u^{23}x^5 + u^{33}x^4 + ux^3 + u^{18}x^2 + u^{39}x$,

$u^{34}x^{56} + u^{35}x^{52} + u^{49}x^{50} + u^{11}x^{49} + u^{52}x^{48} + u^{27}x^{44} + u^{55}x^{42} + u^{29}x^{41} + u^{46}x^{40} + u^{57}x^{37} + x^{36} + u^{24}x^{35} + u^{34}x^{34} + x^{33} + u^{62}x^{32} + u^{22}x^{28} + u^{51}x^{26} + u^{30}x^{25} + u^7x^{24} + u^{28}x^{22} + u^{4}x^{21} + u^{27}x^{20} + u^{47}x^{19} + u^{45}x^{18} + u^{34}x^{17} + u^{42}x^{16} + u^{22}x^{14} + u^{50}x^{13} + u^{33}x^{12} + u^6x^{11} + u^{41}x^{10} + u^{24}x^9 + u^{53}x^8 + u^{48}x^7 + u^9x^6 + u^{19}x^5 + u^{40}x^4 + u^{49}x^3 + u^5x^2 + u^{36}x$,

$u^4x^{56} + u^{61}x^{52} + u^{14}x^{50} + u^{31}x^{49} + u^{23}x^{48} + u^6x^{44} + u^{58}x^{42} + u^{34}x^{41} + u^9x^{40} + u^{32}x^{38} + u^{54}x^{37} + u^{22}x^{36} + u^3x^{35} + u^{32}x^{34} + u^{26}x^{33} + u^{31}x^{32} + u^{56}x^{28} + u^{40}x^{26} + u^2x^{25} + u^{13}x^{24} + u^{25}x^{22} + u^3x^{21} + u^{50}x^{20} + u^{49}x^{19} + u^{62}x^{18} + u^{26}x^{17} + u^{20}x^{16} + u^{39}x^{14} + u^{22}x^{13} + u^{15}x^{12} + u^{38}x^{11} + u^{28}x^{10} + u^7x^9 + u^{38}x^8 + u^{42}x^7 + u^{18}x^6 + u^{35}x^5 + u^{61}x^4 + u^{44}x^3 + u^{46}x^2 + u^{30}x$,

$u^{16}x^{60} + u^{60}x^{58} + u^{46}x^{57} + u^{28}x^{56} + u^{40}x^{54} + u^8x^{53} + u^{11}x^{52} + u^{43}x^{51} + u^{10}x^{50} + u^{14}x^{49} + u^{24}x^{48} + u^{36}x^{46} + u^{31}x^{45} + u^2x^{44} + u^{30}x^{43} + u^{26}x^{42} + u^{30}x^{41} + u^{27}x^{40} + u^{37}x^{39} + x^{38} + u^2x^{37} + u^{52}x^{36} + u^5x^{35} + u^{50}x^{34} + u^{14}x^{33} + u^{60}x^{32} + ux^{30} + u^{23}x^{29} + u^{38}x^{28} + u^{13}x^{27} + u^{48}x^{26} + u^{12}x^{25} + u^{16}x^{24} + u^{11}x^{23} + u^{38}x^{22} + u^{16}x^{21} + u^{62}x^{20} + u^{39}x^{19} + u^{24}x^{18} + u^{47}x^{17} + u^{13}x^{16} + u^{25}x^{15} + u^{15}x^{14} + u^{40}x^{13} + u^{14}x^{12} + u^{37}x^{11} + u^{11}x^{10} + u^{11}x^9 + u^{62}x^8 + u^{21}x^7 + u^{23}x^6 + u^{43}x^5 + u^{59}x^4 + u^{52}x^3 + u^{60}x^2 + u^{57}x$,

$u^{52}x^{56} + u^{21}x^{52} + u^9x^{50} + u^{50}x^{49} + u^{62}x^{48} + u^{52}x^{44} + u^{36}x^{42} + u^{47}x^{41} + u^{4}x^{40} + u^{60}x^{38} + u^{45}x^{37} + u^{17}x^{36} + u^2x^{35} + u^{49}x^{33} + u^{31}x^{32} + u^{32}x^{28} + u^{14}x^{26} + u^{35}x^{25} + u^{62}x^{24} + u^{33}x^{22} + u^{60}x^{21} + u^{51}x^{20} + u^{37}x^{19} + u^{46}x^{18} + u^5x^{17} + u^8x^{16} + u^{45}x^{14} + u^5x^{13} + u^{32}x^{11} + u^{46}x^{10} + u^{38}x^9 + u^{24}x^8 + u^{50}x^7 + u^{59}x^6 + u^{53}x^5 + u^{25}x^4 + u^{10}x^3 + u^{19}x^2 + u^{6}x$,

$u^{26}x^{56} + u^{18}x^{52} + u^{13}x^{50} + u^{50}x^{49} + u^{37}x^{48} + u^{27}x^{44} + u^{55}x^{42} + u^{26}x^{41} + u^9x^{40} + u^{28}x^{38} + u^{62}x^{37} + u^{30}x^{36} + u^{11}x^{35} + u^{60}x^{34} + u^{32}x^{33} + u^{56}x^{32} + u^{52}x^{28} + ux^{26} + u^9x^{25} + u^{13}x^{24} + u^{41}x^{22} + u^{19}x^{21} + u^9x^{20} + u^{34}x^{19} + u^{39}x^{18} + u^8x^{17} + u^{45}x^{16} + x^{14} + u^{62}x^{13} + u^{18}x^{12} + u^8x^{11} + u^{58}x^{10} + u^{58}x^9 + u^{20}x^8 + ux^7 + u^{16}x^6 + u^{36}x^5 + u^{44}x^4 + u^{31}x^3 + u^{13}x^2 + u^7x$,

$u^{33}x^{56} + u^{60}x^{52} + u^{59}x^{50} + u^{55}x^{49} + u^{62}x^{48} + u^9x^{44} + ux^{42} + u^{26}x^{41} + u^{57}x^{40} + u^{49}x^{38} + u^{47}x^{37} + u^{45}x^{36} + u^{27}x^{35} + u^{27}x^{34} + u^{41}x^{33} + u^{31}x^{32} + ux^{28} + u^6x^{26} + u^8x^{25} + u^{11}x^{24} + u^{24}x^{22} + u^{38}x^{21} + u^{40}x^{20} + u^{41}x^{19} + u^{14}x^{18} + u^{60}x^{17} + u^{35}x^{16} + u^{62}x^{14} + u^{47}x^{13} + u^{23}x^{12} + u^{25}x^{11} + u^{32}x^{10} + u^{23}x^9 + u^6x^8 + u^{55}x^7 + u^{54}x^6 + u^{52}x^5 + u^{15}x^4 + u^{60}x^3 + u^{24}x^2 + u^{23}x$,

$u^9x^{56} + u^{40}x^{52} + u^{30}x^{50} + u^{14}x^{49} + u^{42}x^{48} + u^{17}x^{44} + u^{44}x^{42} + u^{30}x^{41} + u^{35}x^{40} + u^{51}x^{38} + u^{44}x^{37} + u^{23}x^{36} + u^{45}x^{35} + u^{36}x^{34} + u^{12}x^{33} + u^{48}x^{28} + u^{21}x^{26} + u^{47}x^{25} + u^{32}x^{24} + u^{27}x^{22} + u^{59}x^{21} + u^{14}x^{20} + u^{30}x^{19} + u^{14}x^{18} + u^{21}x^{17} + u^{35}x^{16} + u^{30}x^{14} + u^{20}x^{13} + u^{15}x^{12} + u^{27}x^{11} + u^{52}x^{10} + u^5x^9 + u^{62}x^8 + u^{47}x^7 + u^{36}x^6 + u^{52}x^5 + u^{28}x^4 + u^{54}x^3 + u^{51}x^2 + u^{29}x$,

$u^{14}x^{60} + u^{58}x^{58} + u^{44}x^{57} + u^4x^{56} + u^{38}x^{54} + u^6x^{53} + u^{29}x^{52} + u^{41}x^{51} + u^6x^{50} + u^{57}x^{49} + u^{41}x^{48} + u^{34}x^{46} + u^{29}x^{45} + u^{48}x^{44} + u^{28}x^{43} + u^{46}x^{42} + u^{53}x^{41} + u^{14}x^{40} + u^{35}x^{39} + u^{21}x^{38} + u^{49}x^{37} + u^{59}x^{36} + u^{33}x^{35} + u^{21}x^{34} + u^{50}x^{33} + u^2x^{32} + u^{62}x^{30} + u^{21}x^{29} + u^{31}x^{28} + u^{11}x^{27} + u^{44}x^{26} + u^7x^{25} + x^{24} + u^9x^{23} + u^{43}x^{22} + u^{52}x^{21} + u^{25}x^{20} + u^3x^{19} + u^{33}x^{18} + u^{44}x^{17} + u^{56}x^{16} + u^{23}x^{15} + u^9x^{14} + u^{60}x^{13} + u^{57}x^{12} + u^{46}x^{11} + u^{41}x^{10} + u^{38}x^9 + u^{46}x^8 + u^{24}x^7 + u^{30}x^6 + u^{36}x^5 + u^8x^4 + u^9x^3 + u^{35}x^2 + u^{12}x$,

$u^{62}x^{56} + u^{54}x^{52} + u^5x^{50} + ux^{49} + u^{53}x^{48} + u^{26}x^{44} + u^{39}x^{42} + u^{58}x^{41} + u^{24}x^{40} + u^{56}x^{38} + u^{29}x^{37} + u^8x^{36} + u^6x^{35} + u^{34}x^{34} + u^6x^{33} + u^{59}x^{32} + u^{28}x^{28} + u^{53}x^{26} + u^{28}x^{25} + u^{51}x^{24} + u^{30}x^{22} + u^{21}x^{21} + u^{11}x^{20} + u^{62}x^{19} + u^{18}x^{18} + u^{49}x^{17} + u^{10}x^{16} + u^{10}x^{14} + u^{13}x^{13} + u^{24}x^{12} + u^{37}x^{11} + u^{42}x^{10} + u^{37}x^9 + u^5x^8 + u^{37}x^7 + u^{59}x^6 + u^{53}x^5 + u^{45}x^4 + u^{58}x^3 + u^{25}x^2 + u^{60}x^2 + u^{56}x$,

$u^{31}x^{60} + u^{12}x^{58} + u^{61}x^{57} + u^{25}x^{56} + u^{55}x^{54} + u^{23}x^{53} + u^{54}x^{52} + u^{58}x^{51} + u^{50}x^{50} + u^{27}x^{49} + u^{43}x^{48} + u^{51}x^{46} + u^{46}x^{45} + u^{35}x^{44} + u^{45}x^{43} + u^{47}x^{41} + u^{26}x^{40} + u^{52}x^{39} + u^{57}x^{38} + u^{40}x^{37} + u^{37}x^{36} + u^{44}x^{35} + u^{36}x^{34} + u^{20}x^{33} + u^{16}x^{30} + u^{38}x^{29} + u^{37}x^{28} + u^{28}x^{27} + u^7x^{26} + u^{38}x^{25} + u^7x^{24} + u^{26}x^{23} + u^{42}x^{22} + u^{59}x^{21} + u^{22}x^{20} + u^{43}x^{19} + u^{45}x^{18} + u^{28}x^{17} + u^{15}x^{16} + u^{40}x^{15} + u^{43}x^{14} + u^{51}x^{13} + u^{55}x^{12} + u^{36}x^{11} + u^{16}x^{10} + u^9x^9 + u^{35}x^8 + u^{21}x^7 + u^{45}x^6 + u^3x^5 + u^{47}x^4 + u^{57}x^3 + u^{16}x^2 + u^{10}x$,

$u^{61}x^{56} + u^{43}x^{52} + u^{36}x^{50} + u^{10}x^{49} + u^{28}x^{48} + u^{53}x^{44} + u^{10}x^{42} + u^{40}x^{41} + u^5x^{40} + u^{21}x^{38} + u^8x^{37} + u^{29}x^{36} + x^{35} + u^{47}x^{34} + u^{47}x^{33} + u^{21}x^{32} + u^{45}x^{28} + u^{57}x^{26} + u^{43}x^{24} + ux^{22} + u^{56}x^{21} + u^{43}x^{20} + u^{32}x^{19} + u^7x^{18} + u^{32}x^{17} + u^{43}x^{16} + u^5x^{14} + u^{39}x^{13} + u^{30}x^{12} + u^{55}x^{11} + u^{47}x^{10} + u^{45}x^9 + u^2x^8 + u^{51}x^7 + u^5x^6 + u^{26}x^5 + u^{23}x^4 + u^{20}x^3 + u^{34}x^2 + u^{26}x$,

$u^{12}x^{56} + u^{15}x^{52} + u^{17}x^{50} + u^{36}x^{49} + u^6x^{48} + u^{22}x^{44} + u^{41}x^{42} + u^{47}x^{41} + u^{26}x^{40} + u^{29}x^{38} + u^{53}x^{37} + u^{29}x^{36} + u^{56}x^{35} + u^{45}x^{34} + u^{23}x^{33} + x^{32} + u^{28}x^{28} + u^{41}x^{26} + u^{31}x^{25} + u^{33}x^{24} + u^{39}x^{22} + u^{38}x^{21} + x^{20} + u^{60}x^{19} + u^{35}x^{18} + u^{60}x^{17} + u^{59}x^{16} + u^{25}x^{14} + u^{30}x^{13} + u^{22}x^{12} + u^{60}x^{11} + u^{49}x^{10} + u^{16}x^9 + u^{22}x^8 + u^{38}x^7 + u^{21}x^6 + u^{14}x^5 + u^{36}x^4 + u^6x^3 + u^{18}x^2 + u^{27}x$,

$u^{53}x^{60} + u^{34}x^{58} + u^{20}x^{57} + u^{50}x^{56} + u^{14}x^{54} + u^{45}x^{53} + u^{30}x^{52} + u^{17}x^{51} + u^{27}x^{50} + u^{44}x^{49} + u^{29}x^{48} + u^{10}x^{46} + u^5x^{45} + u^{43}x^{44} + u^4x^{43} + u^{51}x^{42} + u^{51}x^{41} + u^{16}x^{40} + u^{11}x^{39} + u^{15}x^{38} + u^{61}x^{37} + u^{17}x^{36} + u^{24}x^{35} + u^{54}x^{34} + u^{37}x^{33} + u^{60}x^{32} + u^{38}x^{30} + u^{60}x^{29} + u^{31}x^{28} + u^{50}x^{27} + u^{51}x^{26} + u^{59}x^{25} + u^{23}x^{24} + u^{48}x^{23} + u^{41}x^{22} + u^{25}x^{21} + u^{54}x^{20} + u^{15}x^{19} + u^{33}x^{18} + u^{44}x^{17} + u^{60}x^{16} + u^{2}x^{14} + u^7x^{13} + u^{55}x^{12} + u^{62}x^{11} + u^{23}x^{11} + u^{20}x^{10} + u^{45}x^9 + u^{22}x^8 + u^7x^7 + u^{38}x^6 + u^{59}x^5 + u^{46}x^4 + u^{20}x^3 + u^{59}x^2 + u^{36}x$,

$u^{10}x^{56} + u^{54}x^{52} + u^{62}x^{50} + u^7x^{49} + u^4x^{48} + u^{32}x^{44} + u^{40}x^{42} + u^{48}x^{41} + u^{41}x^{40} + u^{50}x^{38} + x^{37} + u^{50}x^{36} + u^{26}x^{35} + u^{49}x^{34} + u^{24}x^{33} + u^{61}x^{32} + u^{31}x^{28} + u^{37}x^{26} + u^{62}x^{25} + u^{41}x^{24} + u^{39}x^{22} + u^{45}x^{21} + u^{11}x^{20} + u^{53}x^{19} + u^{13}x^{18} + u^{49}x^{17} + u^{22}x^{16} + u^{4}x^{14} + u^{33}x^{13} + u^{34}x^{12} + u^2x^{11} + u^{56}x^{10} + u^{34}x^9 + u^{23}x^8 + u^{23}x^7 + u^7x^6 + u^{14}x^5 + u^{51}x^4 + u^{61}x^3 + u^{15}x^2 + u^{13}x$,

$u^{53}x^{56} + u^{42}x^{52} + u^{48}x^{50} + u^{61}x^{49} + u^{43}x^{48} + u^{15}x^{44} + u^{44}x^{42} + u^3x^{41} + u^{11}x^{40} + u^{25}x^{38} + u^{42}x^{37} + u^{27}x^{36} + u^{30}x^{35} + u^{14}x^{34} + u^{59}x^{33} + u^{28}x^{32} + u^2x^{28} + u^{11}x^{26} + u^{34}x^{25} + u^{57}x^{24} + u^{42}x^{22} + u^{46}x^{21} + u^{29}x^{20} + x^{19} + u^{61}x^{18} + u^{26}x^{17} + u^{23}x^{16} + u^{10}x^{14} + u^{26}x^{13} + u^{57}x^{12} + u^{23}x^{11} + u^{37}x^9 + u^{38}x^8 + u^6x^7 + u^8x^6 + u^{39}x^5 + u^{19}x^4 + u^{31}x^3 + u^{48}x^2 + u^{49}x$,

$u^{42}x^{56} + u^{26}x^{52} + u^{18}x^{50} + u^{24}x^{49} + u^{48}x^{48} + u^{57}x^{44} + u^{12}x^{42} + u^{46}x^{41} + u^4x^{40} + u^{49}x^{38} + u^{56}x^{37} + u^{58}x^{36} + u^{28}x^{35} + u^{52}x^{34} + u^{62}x^{33} + x^{32} +$

u'25*x^28 + u'34*x^26 + u'52*x^25 + u'61*x^24 + u'25*x^22 + u'30*x^21 + u'5*x^20 + u'10*x^19 + u'24*x^17 + u'58*x^16 + u'35*x^14 + u'59*x^13 + u'28*x^11 + u'56*x^10 + u'42*x^9 + u'47*x^8 + u'30*x^7 + u'16*x^6 + u'60*x^5 + u'31*x^4 + u'17*x^3 + u'40*x^2 + u'10*x,

u'27*x^56 + u'53*x^52 + u'15*x^50 + u'36*x^49 + u'24*x^48 + u'38*x^44 + u'29*x^42 + u'36*x^41 + u'47*x^40 + u'50*x^38 + u'35*x^37 + u'32*x^36 + u'14*x^35 + u'57*x^34 + u'60*x^33 + u'50*x^32 + u'46*x^28 + u'14*x^26 + u*x^24 + u'21*x^22 + u'23*x^21 + u'48*x^20 + u'41*x^19 + u'42*x^18 + u'60*x^17 + u'44*x^16 + u'53*x^14 + u'30*x^13 + u'60*x^12 + u'55*x^11 + x^10 + u'54*x^9 + u'18*x^8 + u'50*x^7 + u'47*x^6 + u'58*x^5 + u'4*x^4 + u'62*x^3 + u'2*x^2 + u'32*x,

x^56 + u'52*x^52 + u'26*x^50 + u'39*x^49 + u'6*x^48 + u'47*x^44 + u'58*x^42 + u'51*x^41 + u'50*x^40 + u'38*x^38 + u'10*x^37 + u'53*x^36 + u'59*x^35 + u'7*x^33 + u'8*x^32 + u'8*x^28 + u'51*x^26 + u'9*x^25 + u'16*x^24 + u'12*x^22 + u'29*x^21 + u'26*x^20 + u'16*x^19 + u'47*x^18 + u'2*x^17 + u'14*x^16 + u'32*x^14 + u'2*x^13 + u'57*x^12 + u'7*x^11 + u'16*x^10 + u'38*x^9 + u'42*x^8 + u'17*x^7 + u'2*x^6 + u'44*x^5 + u'32*x^4 + u'7*x^3 + u'4*x^2 + u'14*x,

u'25*x^56 + u'60*x^52 + u'36*x^50 + u'55*x^49 + u'21*x^48 + u'31*x^44 + u'9*x^42 + u'28*x^41 + u'42*x^40 + u'42*x^38 + u'44*x^37 + u'48*x^36 + u'20*x^35 + u'8*x^34 + u'47*x^33 + u'17*x^32 + u'62*x^28 + u'45*x^26 + u'23*x^25 + u'50*x^24 + u'59*x^22 + u'46*x^21 + u'56*x^20 + u'6*x^19 + u'48*x^18 + u'61*x^17 + u'59*x^16 + u'56*x^14 + u'23*x^13 + u'49*x^12 + u'56*x^11 + u'57*x^10 + u'10*x^9 + u'59*x^8 + u'26*x^7 + u'42*x^6 + u'32*x^5 + u'44*x^4 + u'56*x^3 + u'25*x^2 + u'18*x,

u'3*x^56 + u'43*x^52 + u'54*x^50 + u'27*x^49 + u'43*x^48 + u'50*x^44 + u'42*x^42 + u'23*x^41 + u'54*x^40 + u'53*x^38 + u'7*x^37 + u'23*x^36 + u'14*x^35 + u'50*x^34 + u'13*x^33 + u'18*x^32 + u'46*x^28 + u'13*x^26 + u'35*x^25 + u'18*x^24 + u'11*x^22 + u'11*x^21 + u'11*x^20 + u'39*x^19 + x^18 + u'50*x^17 + u'38*x^16 + u'34*x^14 + u'41*x^13 + u'4*x^12 + u'4*x^11 + u'61*x^10 + u'30*x^9 + u'36*x^8 + u'44*x^7 + u'59*x^6 + u'37*x^4 + u'13*x^3 + u'38*x^2 + u'26*x,

u'2*x^56 + u'56*x^52 + u'57*x^50 + u'34*x^49 + u*x^48 + u'22*x^44 + u'10*x^42 + u'27*x^41 + u'59*x^40 + u'43*x^38 + u'15*x^37 + u'5*x^36 + u'35*x^35 + u'3*x^34 + u'49*x^33 + u'44*x^32 + u'57*x^28 + u'19*x^26 + u'11*x^25 + u'53*x^24 + u'31*x^22 + u'8*x^21 + u'42*x^20 + u'36*x^19 + u'55*x^18 + u'9*x^17 + u'60*x^16 + u'46*x^14 + u'45*x^13 + u'38*x^12 + u'40*x^10 + u'26*x^9 + u'47*x^8 + u'57*x^7 + x^6 + u'57*x^5 + u'46*x^4 + u'13*x^3 + u'13*x^2 + u'9*x,

u'31*x^52 + u'17*x^50 + u'18*x^49 + u'35*x^48 + u'11*x^44 + u'30*x^42 + u'51*x^41 + u'52*x^40 + u'34*x^38 + u*x^37 + u'54*x^36 + u'49*x^35 + u'7*x^34 + u'47*x^33 + u'57*x^32 + u'46*x^28 + u'57*x^26 + u'41*x^25 + u'51*x^24 + u'60*x^22 + u'53*x^21 + u'45*x^20 + u'10*x^19 + u'12*x^18 + u'23*x^17 + x^16 + u'21*x^14 + u'48*x^13 + u'19*x^12 + u'46*x^11 + u'52*x^10 + u'20*x^9 + u'5*x^8 + u'40*x^7 + u'13*x^6 + u'22*x^5 + u'57*x^4 + u'35*x^3 + u'2*x^2 + u'47*x,

u'14*x^60 + u'58*x^58 + u'44*x^57 + u'43*x^56 + u'38*x^54 + u'6*x^53 + u'24*x^52 + u'41*x^51 + u'59*x^50 + u'17*x^49 + u'54*x^48 + u'34*x^46 + u'29*x^45 + u'7*x^44 + u'28*x^43 + u'46*x^42 + u'56*x^41 + u'13*x^40 + u'35*x^39 + u'30*x^38 + u'16*x^37 + u'44*x^36 + u'39*x^35 + u'13*x^34 + u'34*x^33 + u'50*x^32 + u'21*x^29 + u'13*x^28 + u'11*x^27 + u'60*x^26 + u'21*x^25 + u'9*x^24 + u'9*x^23 + u'47*x^22 + u'19*x^21 + u'56*x^20 + u'31*x^19 + u'28*x^18 + u'34*x^17 + u'10*x^16 + u'23*x^15 + u'47*x^14 + u'8*x^13 + u'10*x^12 + u'28*x^11 + u'8*x^10 + u'56*x^9 + u'57*x^8 + x^7 + u'38*x^6 + u'53*x^5 + u'19*x^4 + u'7*x^3 + u'61*x^2,

u'11*x^56 + u'57*x^52 + u'20*x^50 + u'39*x^49 + u'57*x^48 + u'31*x^44 + u'21*x^42 + u'9*x^41 + u'3*x^40 + u'31*x^38 + u'34*x^37 + u'24*x^36 + u'12*x^35 + u'56*x^34 + u'43*x^33 + u'34*x^32 + u'32*x^28 + u'60*x^26 + u'15*x^25 + u'62*x^24 + u'53*x^22 + u'54*x^21 + u'36*x^20 + u'16*x^19 + u'52*x^18 + u'5*x^17 + u'33*x^16 + u'54*x^14 + u'62*x^13 + u'58*x^12 + u'27*x^11 + u'42*x^10 + u'14*x^9 + x^8 + u'9*x^7 + u'58*x^6 + u'17*x^5 + u'40*x^4 + u'4*x^3 + u'62*x^2 + u'34*x,

u'48*x^56 + u'39*x^52 + u'18*x^50 + u'27*x^49 + u'13*x^48 + u'7*x^44 + u'43*x^42 + u'3*x^41 + u'42*x^40 + u'35*x^38 + u'46*x^37 + u'56*x^36 + u'34*x^35 + u'49*x^34 + u'50*x^33 + u'13*x^32 + u'19*x^28 + u'56*x^26 + u'17*x^25 + u'30*x^24 + u'10*x^22 + u'4*x^20 + u'40*x^19 + u'42*x^18 + u'35*x^17 + u'49*x^16 + u'48*x^14 + u'2*x^13 + u'39*x^12 + u'17*x^11 + u'55*x^10 + u'53*x^9 + u'30*x^8 + u'41*x^7 + u'62*x^6 + u'39*x^5 + u'52*x^4 + u'3*x^3 + u'50*x^2 + u'11*x,

u'24*x^56 + u'49*x^52 + u'20*x^50 + u'26*x^49 + u'44*x^48 + u'2*x^44 + u'15*x^42 + u'23*x^41 + u'30*x^40 + u'53*x^38 + u'49*x^37 + u*x^36 + u'11*x^35 + u'60*x^34 + u'62*x^33 + u'49*x^32 + u'15*x^28 + u'16*x^25 + u'15*x^24 + u'26*x^22 + u'9*x^20 + u'39*x^19 + u*x^18 + u'44*x^17 + u'51*x^16 + u'20*x^14 + u'49*x^13 + u'14*x^12 + u'25*x^11 + u'59*x^10 + u'47*x^9 + u'47*x^8 + u'11*x^7 + u'19*x^6 + u'54*x^5 + u'3*x^4 + u'45*x^3 + u'43*x^2 + u'17*x,

u'30*x^56 + u'6*x^52 + x^50 + u'17*x^49 + u'8*x^48 + u'46*x^44 + u'42*x^42 + u'14*x^41 + u'5*x^40 + u'60*x^38 + u'30*x^37 + u'24*x^36 + u'42*x^35 + u'56*x^34 + u'37*x^33 + u'37*x^32 + u'40*x^28 + u'56*x^26 + u'15*x^25 + u'6*x^24 + u'16*x^22 + u'2*x^21 + u'52*x^20 + u'48*x^19 + u'14*x^18 + u'62*x^17 + u'19*x^16 + x^14 + u'45*x^13 + u'26*x^12 + u'26*x^11 + u'56*x^10 + u'29*x^9 + u'43*x^8 + u'28*x^7 + u'62*x^6 + x^5 + u'62*x^4 + u'40*x^3 + u'14*x^2 + u'62*x,

u'42*x^56 + u'11*x^52 + u'48*x^50 + u'20*x^49 + u'59*x^48 + u'17*x^44 + u'16*x^42 + u'35*x^41 + u*x^40 + u'25*x^38 + u'61*x^37 + u'32*x^36 + u'52*x^35 + u'16*x^34 + u'45*x^33 + u'62*x^32 + u'56*x^28 + u'7*x^26 + u'34*x^25 + u'53*x^24 + u'58*x^22 + u'6*x^21 + u'50*x^20 + u'49*x^19 + u'15*x^17 + u'35*x^16 + u'8*x^14 + u'55*x^13 + u'53*x^12 + u'31*x^11 + u'20*x^10 + u'11*x^9 + u'2*x^8 + u'41*x^7 + u'22*x^6 + u'34*x^5 + u'5*x^4 + u'43*x^3 + u'27*x^2 + u'8*x,

u'36*x^56 + u'28*x^52 + u'60*x^50 + u'45*x^49 + u'25*x^48 + u'48*x^44 + u'43*x^42 + u'39*x^41 + u'61*x^40 + u'61*x^38 + u'40*x^37 + u'5*x^35 + u'9*x^34 + u'22*x^33 + u*x^32 + u'51*x^28 + u'46*x^26 + u'18*x^25 + x^24 + u*x^22 + u'50*x^21 + u'5*x^20 + u'60*x^19 + u'48*x^18 + u'10*x^17 + u'40*x^16 + u'10*x^14 + u'42*x^13 + u'5*x^12 + u'25*x^11 + u'4*x^10 + u'28*x^9 + u'46*x^8 + u'60*x^7 + x^6 + u'53*x^5 + u'51*x^4 + x^3 + u'17*x^2 + u'46*x,

u'31*x^60 + u'12*x^58 + u'61*x^57 + u'50*x^56 + u'55*x^54 + u'23*x^53 + u'48*x^52 + u'58*x^51 + u'47*x^50 + u'55*x^49 + u'53*x^48 + u'51*x^46 + u'46*x^45 + u'52*x^44 + u'45*x^43 + u'2*x^42 + u'4*x^41 + u'38*x^40 + u'52*x^39 + u'48*x^38 + u'2*x^37 + u'23*x^36 + x^35 + u'33*x^34 + u'40*x^33 + u*x^32 + u'16*x^30 + u'38*x^29 + u'37*x^28 + u'35*x^27 + u'35*x^26 + u'4*x^25 + u'46*x^24 + u'26*x^23 + u'22*x^22 + u'58*x^21 + u'52*x^20 + u'13*x^19 + u'46*x^18 + u'52*x^17 + u'52*x^16 + u'40*x^15 + u'47*x^14 + u'50*x^13 + u'56*x^12 + u'38*x^11 + u'41*x^10 + u'36*x^9 + u'49*x^8 + u'28*x^7 + u'51*x^6 + u'12*x^5 + u'27*x^4 + u'27*x^3 + u'30*x^2 + u'24*x,

u'27*x^56 + u'28*x^52 + u'28*x^50 + u'54*x^49 + u'54*x^48 + u'19*x^44 + u'56*x^42 + u'52*x^41 + u'12*x^40 + u'41*x^38 + u'13*x^37 + u'39*x^36 + u'25*x^35 + u'55*x^34 + u'50*x^33 + u'40*x^32 + x^28 + u'47*x^26 + u'33*x^25 + u'12*x^24 + u'22*x^22 + u'12*x^21 + u'13*x^20 + u'31*x^19 + u'24*x^18 + u'3*x^17 + u'7*x^16 + u'49*x^14 + u'50*x^13 + u'5*x^12 + u'35*x^11 + u'10*x^10 + u'36*x^9 + x^8 + u'12*x^7 + u'7*x^6 + u'54*x^5 + u'7*x^4 + u'5*x^3 + u'59*x^2 + u'62*x,

u'30*x^56 + u'11*x^52 + u'24*x^50 + u'31*x^49 + u'10*x^48 + u'5*x^44 + u'28*x^42 + u'27*x^41 + x^40 + u'32*x^38 + u'47*x^37 + u'24*x^36 + u'40*x^35 + x^34 + u'57*x^33 + u'3*x^32 + u*x^28 + u'6*x^26 + u'18*x^25 + u'8*x^24 + u'3*x^22 + u'58*x^21 + u'26*x^20 + u'48*x^19 + u'47*x^18 + u'55*x^17 + u'32*x^16 + u'53*x^14 + u'37*x^13 + u'60*x^12 + u'37*x^11 + u'49*x^10 + u'18*x^9 + u'11*x^8 + u'15*x^7 + u'46*x^6 + u'50*x^5 + u'41*x^4 + u'18*x^3 + u'37*x^2 + u'45*x,

u'17*x^60 + u'61*x^58 + u'47*x^57 + u'45*x^56 + u'41*x^54 + u'9*x^53 + u'57*x^52 + u'44*x^51 + u'24*x^50 + u'50*x^49 + u'47*x^48 + u'37*x^46 + u'32*x^45 + u'5*x^44 + u'31*x^43 + u'59*x^42 + u'54*x^41 + u'55*x^40 + u'38*x^39 + u'15*x^38 + u'29*x^37 + u'11*x^36 + u'38*x^35 + u'51*x^34 + u'47*x^33 + u'7*x^32 + u'2*x^30 + u'24*x^29 + u'40*x^28 + u'14*x^27 + u'49*x^26 + u'25*x^25 + u'26*x^24 + u'12*x^23 + x^22 + u'36*x^21 + u'52*x^20 + u'28*x^19 + u'31*x^18 + u'52*x^17 + u'56*x^16 + u'26*x^15 + u'36*x^14 + u'44*x^13 + u'59*x^12 + u'42*x^11 + u'30*x^10 + u'23*x^9 + u'25*x^8 + u'3*x^7 + u'41*x^6 + u'44*x^5 + u'11*x^4 + u'54*x^3 + u'31*x^2 + u'43*x,

u'57*x^56 + u'5*x^52 + u'50*x^50 + u'33*x^49 + u*x^48 + u'61*x^44 + u'11*x^42 + u'21*x^41 + u'59*x^40 + u'6*x^38 + u'35*x^37 + u'17*x^36 + u'14*x^35 + u'59*x^34 + u'11*x^33 + x^32 + u'2*x^28 + u'16*x^26 + u'2*x^25 + u'5*x^24 + u'51*x^22 + u'34*x^21 + u'42*x^20 + u'43*x^19 + u'21*x^18 + u'12*x^17 + u'25*x^16 + u'60*x^13 + u'20*x^12 + u'27*x^11 + u'20*x^10 + u'44*x^9 + u'53*x^8 + u'8*x^7 + u'9*x^6 + u*x^5 + u'41*x^4 + u'49*x^3 + u'11*x^2 + u'5*x,

u'33*x^60 + u'14*x^58 + x^57 + u'21*x^56 + u'57*x^54 + u'25*x^53 + u'11*x^52 + u'60*x^51 + u'46*x^50 + u'29*x^49 + u'55*x^48 + u'53*x^46 + u'48*x^45 + u'43*x^44 + u'47*x^43 + u'20*x^42 + u'41*x^41 + u'30*x^40 + u'54*x^39 + u'50*x^38 + u'36*x^37 + u'21*x^36 + u'39*x^35 + u'28*x^34 + u'32*x^33 + u'12*x^32 + u'18*x^30 + u'40*x^29 + u'53*x^28 + u'30*x^27 + u'58*x^26 + u'4*x^25 + u'26*x^24 + u'28*x^23 + u'40*x^22 + u'19*x^21 + u'16*x^20 + u'40*x^19 + u'49*x^18 + u'34*x^17 + u'24*x^16 + u'42*x^15 + u'11*x^14 + u'13*x^13 + u'48*x^12 + u'44*x^11 + u'41*x^10 + u'56*x^9 + u'46*x^8 + u'51*x^7 + u'27*x^6 + u'57*x^5 + u'8*x^4 + u'55*x^3 + u'50*x^2 + u'48*x,

u'27*x^56 + u'22*x^52 + u'18*x^49 + u'9*x^48 + u'39*x^44 + u'31*x^42 + u'39*x^41 + u'48*x^40 + u'21*x^38 + u'57*x^37 + u'26*x^36 + u'52*x^35 + u'14*x^34 + u'42*x^33 + u'3*x^32 + u'13*x^28 + u'7*x^26 + u'20*x^25 + u'42*x^24 + u'5*x^22 + u'20*x^21 + u'36*x^20 + u'62*x^19 + u'22*x^18 + u'15*x^17 + u'41*x^16 + u'59*x^14 + u'31*x^13 + u'27*x^12 + u'6*x^11 + u'54*x^10 + u'11*x^9 + u'40*x^8 + u'42*x^7 + u'3*x^6 + u'13*x^5 + u'48*x^4 + u'15*x^3 + u'48*x^2 + u'9*x,

u'55*x^56 + u'61*x^52 + u'46*x^50 + u'12*x^48 + u'52*x^44 + u'14*x^42 + u'44*x^41 + u'40*x^40 + u'57*x^38 + u'58*x^36 + u'59*x^35 + u'2*x^34 + u'12*x^33 + u'41*x^32 + u'42*x^28 + u'57*x^26 + u'20*x^25 + u'44*x^24 + u'58*x^22 + u'11*x^21 + u'20*x^20 + u'21*x^19 + u'56*x^18 + u'13*x^17 + u'36*x^16 + u'36*x^14 + u'23*x^13 + u'29*x^12 + u'42*x^11 + u'7*x^10 + u'19*x^9 + u'54*x^8 + u'19*x^7 + u'7*x^6 + u'47*x^5 + u'49*x^4 + u'22*x^3 + u'41*x^2 + u'39*x,

u'41*x^56 + u'51*x^52 + x^50 + u'17*x^49 + u'56*x^48 + u'52*x^44 + u'52*x^42 + u'25*x^41 + u'59*x^40 + u'57*x^38 + u'54*x^37 + u'19*x^36 + u*x^35 + u'61*x^34 + u'31*x^33 + u'33*x^32 + u'47*x^28 + u'21*x^26 + u'40*x^25 + u'53*x^24 + u'39*x^22 + u'3*x^21 + u'25*x^20 + u'55*x^19 + u'36*x^18 + u'26*x^17 + u'9*x^16 + u*x^14 + u'53*x^13 + u'7*x^12 + u'28*x^11 + u'60*x^9 + u'31*x^8 + u'60*x^7 + u'30*x^6 + u'31*x^5 + u'40*x^4 + u'51*x^3 + u'57*x^2 + u'14*x,

u'21*x^56 + u'58*x^52 + u'19*x^50 + u'14*x^49 + u'8*x^48 + u'55*x^44 + u'34*x^42 + u'18*x^41 + u'29*x^40 + u'14*x^38 + u'10*x^37 + u'9*x^36 + u'24*x^35 + u'44*x^34 + u'31*x^33 + u'46*x^32 + u'52*x^28 + u'61*x^26 + u'18*x^25 + u'6*x^24 + u'59*x^22 + u'51*x^21 + u'16*x^20 + u'8*x^19 + u'59*x^18 + u'57*x^17 + u'59*x^16 + u'56*x^14 + u'10*x^13 + u'13*x^12 + u'47*x^11 + u'48*x^10 + u'32*x^9 + u'47*x^8 + u'62*x^7 + u'17*x^6 + u'21*x^5 + u'43*x^4 + u'7*x^3 + u'53*x^2 + u'62*x,

u'47*x^56 + u'33*x^52 + u'17*x^50 + u'29*x^49 + u'7*x^48 + u'55*x^44 + u'28*x^42 + u'23*x^41 + u'3*x^40 + u'28*x^38 + u'50*x^37 + u'41*x^36 + u'24*x^35 + u'35*x^34 + u'29*x^33 + u'14*x^32 +

u*51*x^28 + u*7*x^26 + u*57*x^25 + u*26*x^24 + u*37*x^21 + u*14*x^20 + u*43*x^19 + u*24*x^18 + u*34*x^17 + u*18*x^16 + u*8*x^14 + u*19*x^13 + u*59*x^12 + u*23*x^11 + u*58*x^10 + u*23*x^9 +
+
u*x^8 + u*12*x^7 + u*22*x^6 + u*39*x^5 + u*41*x^4 + u*39*x^3 + u*22*x^2 + u*25*x,
u*14*x^60 + u*58*x^58 + u*44*x^57 + u*53*x^56 + u*38*x^54 + u*6*x^53 + u*19*x^52 + u*41*x^51 + u*46*x^50 + u*10*x^49 + u*14*x^48 + u*34*x^46 + u*29*x^45 + u*49*x^44 + u*28*x^43 + u*46*x^42 +
u*6*x^41 + u*57*x^40 + u*35*x^39 + u*43*x^38 + u*46*x^37 + u*44*x^36 + u*42*x^35 + u*x^34 + u*7*x^33 + u*16*x^32 + u*62*x^30 + u*21*x^29 + u*27*x^28 + u*11*x^27 + u*16*x^26 + u*26*x^25 +
u*35*x^24 + u*9*x^23 + u*17*x^22 + u*48*x^21 + u*7*x^20 + u*18*x^19 + u*59*x^18 + u*59*x^17 + u*14*x^16 + u*23*x^15 + u*34*x^14 + u*46*x^13 + u*10*x^12 + u*9*x^11 + u*26*x^10 + u*9*x^9 +
u*25*x^8 + u*25*x^7 + u*50*x^6 + u*25*x^5 + u*52*x^4 + u*19*x^3 + u*53*x^2 + u*14*x,
u*53*x^60 + u*34*x^58 + u*20*x^57 + u*53*x^56 + u*14*x^54 + u*45*x^53 + u*34*x^52 + u*17*x^51 + u*54*x^50 + u*43*x^49 + u*29*x^48 + u*10*x^46 + u*5*x^45 + u*20*x^44 + u*4*x^43 + u*31*x^42 +
u*34*x^41 + u*59*x^40 + u*11*x^39 + u*59*x^38 + u*8*x^37 + u*33*x^36 + u*60*x^35 + u*5*x^34 + u*5*x^33 + u*41*x^32 + u*38*x^30 + u*60*x^29 + u*33*x^28 + u*50*x^27 + u*51*x^26 + u*41*x^25 +
+
u*50*x^24 + u*48*x^23 + u*49*x^22 + u*9*x^21 + u*18*x^20 + u*58*x^19 + u*42*x^18 + u*46*x^17 + u*21*x^16 + u*62*x^15 + u*7*x^14 + u*58*x^13 + u*55*x^12 + u*41*x^11 + u*46*x^10 + u*46*x^9 +
+
u*38*x^8 + u*6*x^7 + u*59*x^6 + u*54*x^5 + u*11*x^4 + u*60*x^3 + u*19*x^2 + u*4*x,
u*52*x^56 + u*28*x^52 + u*18*x^50 + u*48*x^49 + u*58*x^48 + u*57*x^42 + u*47*x^41 + u*10*x^40 + u*22*x^38 + u*27*x^37 + u*23*x^36 + u*58*x^35 + u*14*x^34 + u*23*x^33 + u*3*x^32 + u*57*x^28 +
u*13*x^26 + u*8*x^25 + u*60*x^24 + u*55*x^22 + u*44*x^20 + u*3*x^19 + u*24*x^18 + u*57*x^17 + u*49*x^16 + u*50*x^14 + u*12*x^12 + u*26*x^11 + u*23*x^10 + u*17*x^9 + u*50*x^8 + u*39*x^7 +
u*32*x^6 + u*x^5 + u*22*x^4 + u*11*x^3 + u*36*x^2 + u*55*x,
u*33*x^60 + u*14*x^58 + x^57 + u*11*x^56 + u*57*x^54 + u*25*x^53 + u*24*x^52 + u*60*x^51 + u*24*x^50 + u*18*x^49 + u*56*x^48 + u*53*x^46 + u*48*x^45 + u*35*x^44 + u*47*x^43 + u*5*x^42 +
u*29*x^41 + u*11*x^40 + u*54*x^39 + u*62*x^38 + u*41*x^37 + u*8*x^36 + u*36*x^35 + u*61*x^34 + u*35*x^33 + u*58*x^32 + u*18*x^30 + u*40*x^29 + u*30*x^28 + u*30*x^27 + u*45*x^26 + u*42*x
^25
+ u*42*x^24 + u*28*x^23 + u*x^22 + u*41*x^21 + u*52*x^20 + u*4*x^19 + u*60*x^18 + u*3*x^17 + u*33*x^16 + u*42*x^15 + u*17*x^14 + u*36*x^13 + u*35*x^12 + u*28*x^11 + u*8*x^10 + u*27*x^9 +
u*39*x^8 + u*17*x^7 + u*42*x^6 + u*44*x^5 + u*8*x^4 + u*28*x^3 + u*49*x^2 + u*61*x,
u*22*x^56 + u*45*x^52 + u*4*x^50 + u*36*x^49 + u*16*x^48 + u*62*x^44 + u*44*x^42 + u*53*x^41 + u*48*x^40 + u*45*x^38 + u*55*x^37 + u*62*x^36 + u*50*x^35 + u*55*x^34 + u*6*x^33 + u*60*x^32 +
u*54*x^28 + u*6*x^25 + u*49*x^24 + u*17*x^22 + u*11*x^21 + u*56*x^20 + u*38*x^19 + u*37*x^18 + u*62*x^17 + u*x^16 + u*61*x^14 + u*36*x^13 + u*x^12 + u*2*x^11 + u*2*x^10 + u*8*x^9 +
u*52*x^8 + u*51*x^7 + u*58*x^6 + u*61*x^5 + u*53*x^4 + u*31*x^3 + u*18*x^2 + u*3*x,
u*17*x^60 + u*61*x^58 + u*47*x^57 + u*31*x^56 + u*41*x^54 + u*9*x^53 + u*18*x^52 + u*44*x^51 + u*12*x^50 + u*52*x^49 + u*33*x^48 + u*37*x^46 + u*32*x^45 + u*38*x^44 + u*31*x^43 + u*13*x^42 +
u*31*x^41 + u*32*x^40 + u*38*x^39 + u*48*x^38 + u*48*x^37 + u*47*x^36 + u*26*x^35 + u*6*x^34 + u*4*x^33 + u*53*x^32 + u*2*x^30 + u*24*x^29 + u*32*x^28 + u*14*x^27 + u*17*x^26 + x^25 +
u*45*x^24 + u*12*x^23 + u*31*x^22 + u*42*x^21 + u*39*x^20 + u*53*x^19 + u*41*x^18 + u*41*x^17 + u*41*x^16 + u*26*x^15 + u*57*x^14 + u*40*x^13 + u*11*x^12 + u*42*x^11 + u*36*x^10 + u*55*x
^9
+ u*23*x^8 + u*4*x^7 + u*41*x^6 + u*43*x^5 + u*9*x^4 + u*17*x^3 + u*x^2 + u*25*x,
u*11*x^56 + u*23*x^52 + u*8*x^50 + u*2*x^49 + u*24*x^48 + u*x^44 + u*9*x^42 + u*48*x^41 + u*36*x^40 + u*12*x^38 + u*25*x^37 + u*56*x^36 + u*31*x^35 + u*61*x^34 + u*25*x^33 + u*40*x^32 +
u*55*x^28 + u*49*x^26 + u*54*x^25 + u*10*x^24 + u*11*x^22 + u*56*x^21 + u*25*x^20 + u*39*x^19 + u*16*x^18 + u*52*x^17 + u*58*x^16 + u*29*x^14 + u*19*x^13 + u*36*x^12 + u*12*x^11 +
u*62*x^10 + u*48*x^9 + u*15*x^8 + u*33*x^7 + u*20*x^6 + u*57*x^5 + u*30*x^4 + u*26*x^3 + u*17*x^2 + u*38*x,
u*x^56 + u*46*x^52 + u*3*x^50 + u*32*x^49 + u*16*x^48 + u*52*x^44 + u*54*x^42 + u*40*x^41 + u*11*x^40 + u*18*x^38 + u*18*x^37 + u*6*x^36 + u*46*x^35 + u*6*x^34 + u*45*x^33 + u*46*x^32 +
u*62*x^28 + u*8*x^26 + x^25 + u*8*x^24 + u*25*x^22 + u*29*x^21 + u*40*x^20 + u*27*x^19 + u*47*x^18 + u*26*x^17 + u*55*x^16 + u*11*x^14 + u*31*x^13 + u*15*x^12 + u*62*x^11 + u*20*x^10 +
u*21*x^9 + u*36*x^8 + u*5*x^7 + u*4*x^6 + u*53*x^5 + u*60*x^4 + u*58*x^3 + u*10*x^2 + u*5*x,
u*36*x^56 + u*x^52 + u*45*x^50 + u*6*x^49 + u*2*x^48 + u*x^44 + u*22*x^42 + u*53*x^41 + u*3*x^40 + u*12*x^38 + u*57*x^37 + u*47*x^36 + u*50*x^35 + u*40*x^34 + u*15*x^33 + u*51*x^32 + u*57*x
^28
+ u*18*x^26 + u*46*x^25 + u*43*x^24 + u*46*x^22 + u*43*x^21 + u*8*x^20 + u*8*x^19 + u*60*x^18 + u*38*x^17 + u*42*x^16 + u*15*x^14 + u*52*x^13 + u*52*x^12 + u*20*x^11 + u*58*x^10 + u*41*x
^9
+ u*9*x^8 + u*12*x^7 + u*36*x^6 + u*56*x^5 + u*39*x^4 + u*35*x^3 + u*6*x^2 + u*50*x,
u*58*x^56 + u*55*x^52 + u*17*x^50 + u*45*x^48 + u*54*x^44 + u*4*x^42 + u*49*x^41 + u*2*x^40 + u*21*x^38 + u*60*x^37 + u*30*x^36 + u*47*x^35 + u*49*x^34 + u*55*x^33 + u*5*x^32 + u*25*x^28 +
u*41*x^26 + u*16*x^25 + u*2*x^24 + u*36*x^22 + u*52*x^21 + u*61*x^20 + u*29*x^19 + u*60*x^18 + u*x^17 + u*13*x^16 + u*41*x^14 + u*22*x^13 + u*26*x^12 + u*30*x^11 + u*10*x^10 + u*25*x^9 +
u*10*x^8 + u*13*x^7 + u*57*x^6 + u*19*x^5 + u*22*x^4 + u*50*x^3 + u*16*x^2 + u*2*x,
u*50*x^56 + u*12*x^52 + u*17*x^50 + u*35*x^49 + u*28*x^48 + u*13*x^44 + u*6*x^42 + u*49*x^41 + u*43*x^40 + u*34*x^38 + u*20*x^37 + u*54*x^36 + u*55*x^35 + u*13*x^34 + u*8*x^33 + u*11*x^32 +
u*55*x^28 + u*50*x^26 + u*10*x^25 + u*48*x^24 + u*50*x^22 + u*31*x^21 + u*57*x^20 + u*10*x^19 + u*8*x^17 + u*56*x^16 + u*6*x^14 + u*24*x^13 + u*36*x^12 + u*11*x^11 + u*7*x^10 + u*34*x^9 +
u*53*x^8 + u*38*x^7 + u*38*x^6 + u*21*x^5 + u*49*x^4 + u*59*x^3 + u*56*x^2 + u*6*x,
u*14*x^60 + u*58*x^58 + u*44*x^57 + u*12*x^56 + u*38*x^54 + u*6*x^53 + u*8*x^52 + u*41*x^51 + u*32*x^50 + u*50*x^49 + u*49*x^48 + u*34*x^46 + u*29*x^45 + u*14*x^44 + u*28*x^43 + u*31*x^42 +
u*15*x^41 + u*51*x^40 + u*35*x^39 + u*7*x^38 + u*32*x^37 + u*51*x^36 + u*58*x^35 + u*x^34 + u*52*x^33 + u*3*x^32 + u*62*x^30 + u*21*x^29 + u*19*x^28 + u*11*x^27 + u*51*x^26 + u*36*x^25 +
u*51*x^24 + u*9*x^23 + u*15*x^22 + u*x^21 + u*16*x^20 + u*16*x^19 + u*62*x^18 + u*51*x^17 + u*33*x^16 + u*23*x^15 + u*38*x^14 + u*25*x^13 + u*47*x^12 + u*20*x^11 + u*38*x^10 + u*42*x^9 +
u*60*x^8 + u*11*x^7 + u*12*x^6 + u*26*x^5 + u*6*x^4 + u*38*x^3 + u*43*x^2 + u*13*x,
u*25*x^56 + u*8*x^52 + u*13*x^50 + u*24*x^49 + u*59*x^48 + u*22*x^44 + u*4*x^42 + u*2*x^41 + u*21*x^40 + u*26*x^38 + u*33*x^37 + u*37*x^36 + u*59*x^35 + u*38*x^34 + u*21*x^33 + u*27*x^32 +
u*9*x^28 + u*48*x^26 + u*43*x^25 + u*42*x^24 + u*41*x^22 + u*7*x^21 + u*x^20 + u*35*x^19 + u*10*x^17 + u*11*x^16 + u*24*x^14 + x^13 + u*29*x^12 + u*41*x^11 + u*11*x^10 + u*43*x^9 +
u*62*x^8 + u*57*x^7 + u*58*x^6 + u*11*x^5 + u*38*x^4 + u*33*x^3 + u*22*x^2 + u*7*x,
u*14*x^60 + u*58*x^58 + u*44*x^57 + u*4*x^56 + u*38*x^54 + u*6*x^53 + u*32*x^52 + u*41*x^51 + u*50*x^50 + u*21*x^49 + u*2*x^48 + u*34*x^46 + u*29*x^45 + u*47*x^44 + u*28*x^43 + u*48*x^42 +
u*52*x^41 + u*7*x^40 + u*35*x^39 + u*19*x^38 + u*23*x^37 + u*11*x^36 + u*21*x^35 + u*29*x^34 + u*26*x^33 + u*16*x^32 + u*62*x^30 + u*21*x^29 + u*55*x^28 + u*11*x^27 + u*9*x^26 + u*29*x^25 +
u*29*x^24 + u*9*x^23 + u*28*x^22 + u*55*x^21 + u*54*x^20 + u*2*x^19 + u*9*x^18 + u*3*x^17 + u*47*x^16 + u*23*x^15 + u*57*x^14 + u*23*x^13 + u*39*x^12 + u*3*x^11 + u*43*x^10 + u*7*x^9 +
u*33*x^8 + u*13*x^7 + u*39*x^6 + u*6*x^5 + u*54*x^4 + u*40*x^3 + u*40*x^2 + u*46*x,
u*62*x^56 + u*2*x^52 + u*46*x^50 + u*57*x^49 + u*37*x^48 + u*2*x^44 + u*5*x^42 + u*46*x^41 + u*21*x^40 + u*13*x^38 + u*58*x^37 + u*11*x^36 + u*33*x^35 + u*44*x^34 + u*26*x^33 + u*62*x^32 +
u*7*x^28 + u*23*x^26 + u*51*x^25 + u*21*x^24 + u*37*x^22 + u*48*x^21 + u*19*x^20 + u*41*x^19 + u*13*x^18 + u*39*x^17 + u*8*x^16 + u*13*x^14 + u*39*x^13 + x^12 + u*27*x^11 + u*33*x^10 +
u*33*x^9 + u*15*x^8 + u*50*x^7 + u*31*x^6 + u*26*x^5 + u*6*x^4 + u*36*x^3 + u*43*x^2 + u*3*x,
u*43*x^56 + u*50*x^52 + u*4*x^50 + u*53*x^49 + u*60*x^48 + u*31*x^44 + u*49*x^42 + u*43*x^41 + u*6*x^40 + u*41*x^38 + u*25*x^37 + u*43*x^36 + u*49*x^35 + u*20*x^34 + u*23*x^33 + u*52*x^32 +
u*2*x^26 + u*2*x^25 + u*11*x^24 + u*10*x^22 + u*35*x^21 + u*49*x^20 + u*31*x^19 + u*17*x^18 + u*25*x^17 + u*59*x^16 + u*16*x^14 + u*38*x^13 + u*9*x^12 + u*36*x^11 + u*58*x^10 + u*3*x^9 +
u*37*x^8 + u*39*x^7 + u*48*x^6 + u*41*x^5 + u*62*x^4 + u*49*x^2 + u*36*x,
u*13*x^56 + u*32*x^52 + u*26*x^50 + u*47*x^49 + u*3*x^48 + u*25*x^44 + u*33*x^42 + u*10*x^41 + u*17*x^40 + u*6*x^38 + u*6*x^37 + u*39*x^36 + u*41*x^35 + u*46*x^34 + u*7*x^33 + u*47*x^32 +
u*43*x^28 + u*33*x^26 + u*25*x^25 + u*62*x^24 + u*25*x^22 + u*42*x^21 + u*50*x^20 + u*62*x^19 + u*4*x^18 + u*30*x^17 + u*26*x^16 + u*3*x^14 + u*22*x^13 + u*11*x^12 + u*15*x^11 + u*32*x^9 +
+
u*50*x^8 + u*31*x^7 + u*45*x^6 + u*48*x^5 + u*18*x^4 + u*37*x^3 + u*25*x^2 + u*20*x,
u*29*x^56 + u*24*x^52 + u*55*x^50 + u*39*x^49 + u*6*x^48 + u*37*x^44 + u*31*x^42 + u*15*x^40 + u*7*x^40 + u*9*x^38 + u*11*x^37 + u*24*x^36 + u*58*x^35 + u*5*x^34 + u*56*x^33 + u*36*x^32 +
u*62*x^28 + u*56*x^26 + u*28*x^25 + u*31*x^24 + u*2*x^22 + u*40*x^21 + u*23*x^20 + u*x^19 + u*61*x^18 + u*49*x^17 + u*51*x^16 + u*14*x^14 + u*11*x^13 + u*58*x^12 + u*34*x^11 + u*39*x^10 +
u*21*x^9 + u*19*x^8 + u*46*x^7 + x^6 + u*27*x^5 + u*48*x^4 + u*51*x^3 + u*10*x^2 + u*24*x,
u*45*x^56 + u*4*x^52 + u*30*x^50 + u*10*x^49 + u*3*x^48 + u*6*x^44 + u*x^42 + u*34*x^41 + u*35*x^40 + u*42*x^38 + u*23*x^37 + u*32*x^36 + u*3*x^35 + u*12*x^34 + u*5*x^33 + u*9*x^32 + u*43*x
^28
+ u*8*x^26 + u*54*x^25 + u*58*x^24 + u*45*x^22 + u*57*x^21 + u*49*x^20 + u*15*x^17 + u*15*x^16 + u*33*x^14 + x^13 + u*35*x^12 + u*29*x^11 + u*31*x^10 + u*26*x^9 + u*60*x^8 + u*33*x^7 +
u*50*x^6 + u*58*x^5 + u*62*x^4 + u*35*x^3 + u*57*x^2 + u*60*x,
u*61*x^56 + u*33*x^52 + u*16*x^50 + u*14*x^49 + u*10*x^48 + u*33*x^42 + u*25*x^41 + u*58*x^40 + u*59*x^38 + u*14*x^37 + u*14*x^36 + u*7*x^35 + u*20*x^34 + u*3*x^33 + u*51*x^32 + u*49*x^28 +
u*13*x^26 + u*48*x^25 + u*54*x^24 + u*9*x^22 + u*x^21 + u*35*x^20 + u*48*x^19 + u*33*x^18 + u*59*x^17 + u*35*x^16 + u*7*x^14 + u*24*x^13 + u*12*x^12 + u*33*x^11 + u*18*x^10 + u*12*x^9 +
u*11*x^8 + u*61*x^7 + u*52*x^6 + u*48*x^5 + u*2*x^4 + u*50*x^3 + u*18*x^2 + u*14*x,
u*23*x^56 + u*38*x^52 + u*31*x^50 + u*47*x^49 + u*37*x^48 + u*57*x^44 + u*2*x^42 + u*17*x^41 + u*4*x^40 + u*28*x^38 + u*50*x^37 + u*44*x^36 + u*19*x^35 + u*6*x^34 + u*17*x^33 + u*28*x^32 +
u*29*x^28 + u*34*x^26 + u*9*x^25 + u*58*x^24 + u*18*x^22 + u*43*x^21 + u*62*x^20 + u*52*x^19 + u*42*x^18 + u*57*x^17 + u*32*x^16 + u*13*x^14 + u*34*x^13 + u*55*x^12 + u*13*x^11 + u*44*x
^10
+ u*24*x^9 + u*45*x^8 + u*50*x^7 + u*26*x^6 + u*2*x^5 + u*57*x^4 + u*29*x^3 + u*61*x^2 + u*23*x,
u*57*x^56 + u*21*x^52 + u*7*x^50 + u*24*x^49 + u*45*x^48 + u*33*x^44 + u*11*x^42 + u*37*x^41 + u*44*x^40 + u*29*x^38 + u*21*x^36 + u*21*x^35 + u*47*x^34 + u*54*x^33 + u*39*x^32 + u*27*x^28 +
u*35*x^26 + u*13*x^25 + u*49*x^24 + u*52*x^22 + u*9*x^21 + u*57*x^20 + u*6*x^18 + u*49*x^17 + u*20*x^16 + u*31*x^14 + u*42*x^13 + u*18*x^12 + u*38*x^11 + u*2*x^10 + u*12*x^9 + u*26*x^8 +
u*x^7 + u*58*x^6 + u*52*x^5 + u*11*x^4 + u*26*x^3 + u*53*x^2 + u*22*x,
u*9*x^56 + u*5*x^52 + u*19*x^50 + u*35*x^49 + u*9*x^48 + u*5*x^44 + u*7*x^42 + u*37*x^41 + u*58*x^40 + u*55*x^38 + u*17*x^37 + u*49*x^36 + u*49*x^35 + u*26*x^34 + x^33 + u*41*x^32 + u*61*x^28 +
u*51*x^26 + u*23*x^25 + u*58*x^24 + u*40*x^22 + u*60*x^21 + u*20*x^20 + u*44*x^19 + u*50*x^18 + u*26*x^17 + u*10*x^16 + u*10*x^15 + u*13*x^13 + u*51*x^12 + u*10*x^11 + u*60*x^10 +

$u^9x^9 + u^8x^8 + u^49x^7 + u^53x^6 + u^43x^5 + u^17x^4 + u^24x^3 + u^25x^2,$
 $u^55x^56 + u^5x^52 + u^54x^50 + u^24x^49 + u^57x^44 + u^45x^42 + u^3x^41 + u^28x^40 + u^39x^38 + u^25x^37 + u^13x^36 + u^34x^35 + u^22x^34 + u^22x^33 + u^51x^32 + u^34x^28 + u^23x^26 + u^9x^25 + u^29x^24 + u^48x^22 + u^8x^21 + u^29x^20 + u^55x^19 + u^7x^18 + u^56x^17 + u^32x^16 + u^8x^14 + u^9x^13 + u^26x^12 + u^10x^11 + u^55x^10 + u^55x^9 + u^54x^8 + u^7x^7 + u^38x^6 + u^34x^5 + u^2x^4 + u^6x^3 + u^26x^2 + u^61x,$
 $u^11x^56 + u^32x^52 + u^10x^50 + u^52x^49 + u^31x^48 + u^15x^44 + u^9x^42 + u^55x^41 + u^26x^40 + u^36x^38 + u^34x^37 + u^21x^36 + u^34x^35 + u^10x^34 + u^29x^33 + u^22x^32 + u^44x^28 + u^36x^26 + u^5x^25 + u^11x^24 + u^45x^22 + u^33x^21 + u^32x^20 + u^46x^19 + u^21x^18 + u^60x^17 + u^62x^16 + u^30x^14 + x^13 + u^18x^12 + u^10x^11 + u^18x^10 + u^38x^9 + u^2x^8 + u^45x^7 + u^49x^6 + u^44x^5 + u^57x^4 + u^33x^3 + u^62x^2 + u^22x,$
 $u^17x^56 + u^28x^52 + u^19x^50 + x^49 + u^24x^48 + u^41x^44 + u^62x^42 + u^8x^41 + u^23x^40 + u^31x^38 + u^37x^37 + u^49x^36 + u^42x^35 + u^60x^34 + u^17x^33 + u^3x^32 + u^56x^28 + u^45x^26 + u^10x^25 + u^60x^24 + u^4x^22 + u^45x^21 + u^37x^20 + u^16x^19 + u^37x^18 + u^18x^17 + u^54x^16 + u^8x^14 + u^24x^13 + u^12x^12 + u^49x^11 + u^38x^10 + u^26x^9 + u^37x^8 + u^4x^7 + u^25x^6 + u^3x^5 + u^11x^4 + u^24x^3 + u^31x^2 + u^32x,$
 $u^31x^60 + u^12x^58 + u^61x^57 + u^4x^56 + u^55x^54 + u^23x^53 + u^37x^52 + u^58x^51 + u^55x^50 + u^51x^49 + u^51x^48 + u^51x^46 + u^46x^45 + u^57x^44 + u^45x^43 + u^30x^42 + u^61x^41 + u^25x^40 + u^52x^39 + u^16x^38 + u^44x^37 + u^26x^36 + u^57x^35 + u^61x^34 + u^11x^33 + u^17x^32 + u^16x^30 + u^38x^29 + u^61x^28 + u^28x^27 + u^53x^26 + u^27x^25 + u^24x^24 + u^26x^23 + u^30x^22 + u^3x^21 + u^15x^20 + u^8x^19 + u^41x^18 + u^18x^17 + u^4x^16 + u^40x^15 + u^30x^14 + u^2x^13 + u^43x^12 + u^56x^11 + u^59x^10 + u^50x^9 + u^39x^8 + u^56x^7 + u^40x^6 + u^23x^5 + u^33x^4 + u^32x^3 + u^60x^2 + u^55x,$
 $u^25x^36 + u^25x^18 + u^38x^12 + x^9 + u^25x^5,$
 $u^28x^60 + u^9x^58 + u^58x^57 + u^57x^56 + u^52x^54 + u^20x^53 + u^41x^52 + u^55x^51 + u^39x^50 + u^12x^49 + u^52x^48 + u^48x^46 + u^43x^45 + u^6x^44 + u^42x^43 + u^53x^42 + u^25x^41 + u^52x^40 + u^49x^39 + u^47x^38 + u^17x^37 + u^62x^36 + u^22x^35 + u^61x^34 + u^48x^33 + u^14x^32 + u^13x^30 + u^35x^29 + u^6x^28 + u^25x^27 + u^50x^26 + u^44x^25 + u^58x^24 + u^23x^23 + u^59x^22 + u^23x^21 + u^40x^20 + u^30x^19 + u^51x^18 + u^4x^17 + u^23x^16 + u^37x^15 + u^5x^14 + u^42x^13 + u^34x^12 + u^12x^11 + u^46x^10 + u^25x^9 + u^13x^8 + u^10x^7 + u^42x^6 + u^11x^5 + u^56x^4 + u^58x^3 + u^16x^2 + u^43x,$
 $u^29x^56 + u^54x^52 + u^5x^50 + u^60x^49 + u^57x^48 + u^60x^44 + u^4x^42 + u^40x^41 + u^32x^40 + u^19x^38 + u^42x^37 + u^8x^36 + u^20x^35 + u^7x^34 + u^43x^33 + u^18x^32 + u^49x^28 + u^40x^26 + u^44x^25 + u^56x^24 + u^5x^23 + u^54x^22 + u^54x^21 + u^39x^20 + u^29x^19 + u^61x^18 + u^51x^17 + u^44x^16 + u^22x^14 + u^30x^13 + u^2x^12 + u^6x^11 + u^3x^10 + u^40x^9 + u^37x^8 + u^42x^7 + u^29x^6 + u^10x^5 + u^2x^4 + u^50x^3 + u^9x^2 + u^47x,$
 $u^36x^56 + u^38x^52 + u^24x^50 + u^22x^49 + u^6x^48 + u^47x^44 + u^4x^42 + u^51x^41 + u^35x^40 + u^23x^38 + u^17x^37 + u^8x^36 + u^34x^35 + u^49x^34 + u^42x^33 + u^38x^32 + u^3x^28 + u^41x^26 + u^56x^25 + u^34x^24 + u^50x^22 + u^6x^21 + u^60x^20 + u^28x^19 + u^21x^18 + u^34x^17 + u^37x^16 + u^18x^14 + u^44x^13 + u^41x^12 + u^2x^11 + u^55x^10 + u^23x^9 + u^57x^8 + u^27x^7 + u^59x^6 + u^44x^5 + u^16x^4 + u^52x^3 + u^56x^2 + u^40x,$
 $u^20x^56 + u^40x^52 + u^48x^50 + u^20x^49 + u^41x^42 + u^58x^41 + u^30x^40 + u^51x^38 + u^37x^37 + u^45x^36 + u^11x^35 + u^28x^34 + u^10x^33 + u^15x^32 + u^57x^28 + u^45x^26 + u^4x^25 + u^35x^24 + u^41x^22 + u^21x^21 + u^27x^20 + u^17x^19 + u^34x^18 + u^41x^17 + u^54x^16 + u^50x^14 + u^39x^12 + u^57x^11 + u^45x^10 + u^40x^9 + u^50x^8 + u^18x^7 + u^42x^6 + u^14x^5 + u^34x^4 + u^32x^3 + u^9x^2 + u^18x,$
 $u^23x^56 + u^3x^52 + u^8x^50 + u^42x^49 + u^43x^48 + u^51x^44 + u^27x^42 + u^22x^41 + u^20x^40 + u^2x^38 + x^37 + u^49x^36 + u^51x^35 + u^22x^34 + u^30x^33 + u^34x^32 + u^30x^28 + u^6x^26 + u^26x^25 + u^44x^24 + u^44x^22 + u^4x^21 + u^58x^20 + u^46x^19 + u^26x^18 + u^51x^17 + u^49x^16 + u^32x^14 + u^3x^13 + u^60x^12 + u^7x^11 + u^33x^10 + u^56x^9 + u^46x^8 + u^21x^7 + u^60x^5 + u^29x^4 + u^13x^3 + u^49x^2 + u^30x,$
 $u^14x^56 + u^7x^52 + u^12x^50 + u^37x^49 + u^55x^48 + u^3x^44 + u^31x^42 + u^19x^41 + u^9x^40 + u^35x^38 + u^6x^37 + u^54x^36 + u^7x^35 + u^41x^34 + u^47x^33 + u^29x^32 + u^35x^26 + u^3x^25 + u^59x^22 + u^20x^21 + u^29x^20 + u^42x^19 + u^13x^18 + u^52x^17 + u^31x^16 + u^14x^14 + u^19x^13 + u^18x^12 + u^36x^11 + u^58x^10 + u^61x^9 + u^33x^8 + u^61x^7 + u^34x^6 + u^7x^5 + u^8x^4 + u^12x^3 + u^36x^2 + u^61x,$
 $u^58x^56 + u^58x^50 + u^42x^49 + u^16x^48 + u^43x^44 + u^15x^42 + u^37x^41 + u^57x^40 + u^42x^38 + u^6x^37 + x^36 + u^53x^35 + u^26x^34 + u^33x^33 + u^36x^32 + u^27x^28 + u^41x^26 + u^31x^25 + u^10x^24 + u^42x^22 + u^47x^20 + u^53x^19 + u^55x^18 + u^18x^17 + u^47x^14 + u^48x^13 + u^41x^12 + u^18x^11 + u^32x^10 + u^42x^9 + u^47x^8 + u^54x^7 + u^2x^5 + u^11x^4 + u^50x^3 + u^57x^2 + u^8x,$
 $u^48x^56 + u^55x^52 + u^29x^50 + u^37x^49 + u^18x^48 + u^41x^44 + u^46x^42 + u^52x^41 + u^30x^40 + u^41x^38 + u^7x^37 + u^25x^36 + u^21x^35 + u^27x^34 + u^3x^33 + u^36x^32 + u^37x^28 + u^53x^26 + u^60x^25 + u^5x^24 + u^59x^22 + u^18x^21 + u^52x^20 + u^4x^19 + u^13x^18 + u^37x^17 + u^22x^16 + u^5x^14 + x^13 + u^6x^12 + u^16x^11 + u^3x^10 + u^33x^9 + u^50x^8 + u^28x^7 + u^7x^6 + u^34x^5 + u^36x^4 + u^56x^3 + u^18x,$
 $u^38x^56 + u^8x^52 + u^11x^50 + u^31x^49 + u^45x^48 + u^47x^44 + u^25x^42 + u^47x^41 + u^42x^40 + u^43x^38 + u^23x^37 + u^60x^36 + u^56x^35 + u^54x^34 + u^53x^33 + u^27x^32 + u^49x^28 + u^37x^26 + u^57x^25 + u^20x^24 + u^35x^22 + u^3x^21 + u^43x^20 + u^37x^19 + u^28x^18 + u^41x^17 + u^10x^16 + u^45x^14 + u^40x^13 + u^59x^12 + u^26x^11 + u^4x^10 + u^3x^9 + u^8x^8 + u^61x^7 + u^55x^6 + u^38x^5 + u^36x^4 + u^60x^3 + u^50x^2 + x,$
 $u^33x^56 + u^41x^52 + u^57x^50 + u^24x^49 + u^11x^48 + u^41x^44 + u^60x^42 + u^60x^41 + u^18x^40 + u^36x^38 + u^15x^37 + u^5x^36 + u^34x^35 + u^58x^34 + u^8x^33 + u^3x^32 + u^49x^28 + u^58x^26 + u^7x^25 + u^42x^24 + u^22x^22 + u^53x^21 + u^13x^20 + u^62x^19 + u^32x^18 + u^34x^17 + u^30x^16 + u^32x^14 + u^20x^13 + u^23x^12 + u^12x^11 + u^7x^10 + u^8x^9 + u^39x^8 + u^23x^7 + u^42x^6 + u^54x^5 + u^32x^4 + u^57x^3 + u^14x^2 + u^26x,$
 $u^44x^56 + u^46x^52 + u^5x^50 + u^38x^49 + u^16x^48 + u^28x^44 + u^60x^42 + u^24x^41 + u^23x^40 + u^26x^38 + u^58x^37 + u^40x^36 + u^60x^35 + u^7x^34 + u^30x^33 + u^52x^32 + u^7x^28 + u^47x^26 + u^7x^25 + u^57x^24 + u^39x^22 + u^21x^21 + x^20 + u^55x^19 + u^49x^18 + u^58x^17 + u^8x^16 + u^37x^14 + u^3x^13 + u^45x^12 + u^43x^11 + u^28x^10 + u^32x^9 + u^42x^8 + u^28x^7 + u^24x^6 + u^58x^5 + u^59x^4 + u^23x^3 + u^56x^2 + u^37x$

];

Function :

$u^40x^5 + u^10x^6 + u^62x^20 + u^35x^33 + u^15x^34 + u^29x^48,$

#EA--Classes : 91

Degrees : { * 2, 3**63, 4**27 * }

Representatives :

[

$u^14x^56 + u^45x^52 + u^38x^50 + u^40x^49 + u^50x^48 + u^55x^44 + u^28x^42 + u^27x^41 + u^36x^40 + u^20x^38 + u^55x^37 + u^32x^36 + u^39x^35 + u^4x^34 + u^4x^33 + u^27x^32 + u^2x^28 + u^8x^26 + u^56x^25 + u^49x^24 + u^59x^22 + u^36x^21 + u^42x^20 + u^32x^19 + u^58x^18 + u^21x^17 + u^27x^16 + u^20x^14 + u^19x^13 + u^26x^12 + x^11 + u^61x^10 + u^49x^9 + u^22x^8 + u^3x^7 + u^36x^6 + u^55x^5 + u^38x^4 + u^52x^3 + u^40x^2 + u^37x,$
 $u^7x^56 + u^50x^52 + u^49x^50 + u^17x^49 + u^58x^48 + u^52x^44 + u^24x^42 + u^34x^41 + u^23x^40 + u^9x^38 + u^11x^37 + u^56x^36 + u^24x^35 + u^36x^34 + u^17x^33 + u^61x^32 + u^15x^28 + u^22x^26 + u^9x^25 + u^35x^24 + u^57x^22 + x^21 + u^3x^20 + u^58x^19 + u^28x^18 + u^15x^17 + u^51x^16 + u^42x^14 + u^60x^13 + u^54x^12 + u^30x^11 + u^42x^10 + u^39x^9 + u^50x^8 + u^14x^7 + u^4x^6 + u^46x^5 + u^3x^4 + u^3x^3 + u^60x^2 + u^45x,$
 $u^32x^56 + u^53x^52 + u^13x^50 + u^18x^49 + x^48 + u^10x^44 + u^61x^41 + u^49x^40 + u^20x^38 + u^31x^37 + u^12x^36 + u^7x^35 + u^49x^34 + u^24x^33 + u^23x^32 + u^55x^28 + u^47x^26 + u^48x^25 + u^19x^24 + u^32x^22 + x^20 + u^5x^19 + u^31x^18 + u^39x^17 + x^16 + u^13x^14 + u^60x^13 + u^22x^12 + u^45x^11 + u^45x^10 + u^60x^8 + u^8x^7 + u^5x^6 + x^5 + u^27x^4 + u^47x^3 + u^57x^2 + u^39x,$
 $u^31x^60 + u^12x^58 + u^61x^57 + u^55x^54 + u^23x^53 + u^17x^52 + u^58x^51 + u^59x^50 + u^48x^49 + u^4x^48 + u^51x^46 + u^46x^45 + u^52x^44 + u^45x^43 + u^33x^41 + u^13x^40 + u^52x^39 + u^27x^37 + u^47x^36 + u^36x^35 + u^28x^34 + u^28x^33 + u^35x^32 + u^16x^30 + u^38x^29 + u^58x^28 + u^28x^27 + u^38x^26 + u^21x^25 + u^51x^24 + u^26x^23 + u^58x^22 + u^28x^21 + u^3x^20 + u^56x^19 + u^55x^18 + u^40x^17 + u^34x^16 + u^40x^15 + u^29x^13 + u^7x^12 + u^52x^11 + u^60x^10 + u^20x^9 + u^58x^8 + u^36x^7 + u^53x^6 + u^6x^5 + u^61x^4 + u^53x^3 + u^22x^2 + u^24x,$
 $u^43x^56 + u^39x^52 + u^61x^50 + u^41x^49 + u^24x^48 + u^43x^44 + u^24x^42 + u^27x^41 + u^33x^40 + u^26x^38 + u^28x^37 + u^53x^36 + u^44x^35 + u^29x^34 + u^40x^33 + u^60x^28 + u^41x^28 + u^22x^26 + u^18x^25 + u^18x^25 + u^26x^24 + u^31x^22 + u^31x^21 + u^7x^20 + u^2x^19 + u^18x^18 + u^26x^17 + u^54x^16 + u^29x^14 + u^40x^13 + u^62x^12 + u^54x^11 + u^39x^10 + u^50x^9 + u^57x^8 + u^25x^7 + u^35x^6 + u^28x^5 + u^53x^4 + u^21x^3 + u^38x^2 + u^25x,$
 $u^40x^56 + u^31x^52 + u^29x^50 + u^31x^49 + u^59x^48 + u^52x^44 + u^28x^42 + u^2x^41 + u^40x^40 + u^23x^38 + u^6x^37 + u^20x^36 + u^33x^35 + u^3x^34 + u^57x^33 + u^32x^32 +$

u*53*x*28 + u*42*x*26 + u*40*x*25 + u*13*x*24 + u*27*x*22 + x*21 + u*52*x*20 + u*52*x*19 + u*35*x*18 + u*45*x*17 + u*52*x*16 + u*52*x*14 + u*21*x*13 + u*58*x*12 + u*18*x*11 + u*53*x*10 + u*6*x*9 + u*45*x*8 + u*7*x*7 + u*11*x*6 + u*57*x*4 + u*11*x*3 + u*44*x*2 + u*34*x,

u*34*x*60 + u*15*x*58 + u*x*57 + u*45*x*56 + u*58*x*54 + u*26*x*53 + u*42*x*52 + u*61*x*51 + u*43*x*50 + u*24*x*49 + u*13*x*48 + u*54*x*46 + u*49*x*45 + u*4*x*44 + u*48*x*43 + u*31*x*42 + u*43*x*41 + u*61*x*40 + u*55*x*39 + u*52*x*38 + u*7*x*37 + u*32*x*36 + u*60*x*35 + u*17*x*34 + u*60*x*33 + u*46*x*32 + u*19*x*30 + u*41*x*29 + u*40*x*28 + u*31*x*27 + u*9*x*26 + u*40*x*25 + u*53*x*24 + u*29*x*23 + u*29*x*23 + u*61*x*21 + u*61*x*21 + u*39*x*20 + u*33*x*19 + u*42*x*18 + u*43*x*17 + u*43*x*16 + u*33*x*15 + u*33*x*14 + u*56*x*13 + u*19*x*12 + u*50*x*11 + u*47*x*10 + u*45*x*9 + u*7*x*8 + u*60*x*7 + u*23*x*6 + u*13*x*5 + u*10*x*4 + u*19*x*3 + u*14*x*2 + u*29*x,

u*3*x*60 + u*47*x*58 + u*33*x*57 + u*62*x*56 + u*27*x*54 + u*58*x*53 + u*49*x*52 + u*30*x*51 + u*30*x*50 + u*29*x*49 + u*26*x*48 + u*23*x*46 + u*18*x*45 + u*2*x*44 + u*17*x*43 + u*18*x*42 + u*41*x*41 + u*18*x*40 + u*24*x*39 + u*26*x*38 + u*44*x*37 + u*7*x*36 + u*17*x*35 + u*25*x*34 + u*38*x*33 + u*16*x*32 + u*51*x*30 + u*10*x*29 + x*28 + x*27 + u*53*x*26 + u*45*x*25 + u*51*x*24 + u*61*x*23 + u*53*x*22 + u*19*x*22 + u*19*x*22 + u*61*x*20 + u*22*x*19 + u*8*x*18 + u*14*x*17 + u*34*x*16 + u*12*x*15 + u*36*x*14 + u*16*x*13 + u*9*x*12 + u*56*x*11 + u*10*x*10 + u*47*x*9 + u*13*x*8 + u*35*x*7 + u*28*x*6 + u*x*5 + u*55*x*4 + u*61*x*3 + u*55*x*2 + u*15*x,

u*12*x*60 + u*56*x*58 + u*42*x*57 + u*2*x*56 + u*36*x*54 + u*4*x*53 + u*46*x*52 + u*39*x*51 + u*x*50 + u*49*x*49 + u*17*x*48 + u*32*x*46 + u*27*x*45 + x*44 + u*26*x*43 + u*20*x*42 + u*21*x*41 + u*6*x*40 + u*33*x*39 + u*14*x*38 + u*35*x*37 + u*3*x*36 + u*35*x*35 + u*12*x*34 + u*59*x*33 + u*57*x*32 + u*60*x*30 + u*19*x*29 + u*5*x*28 + u*9*x*27 + u*36*x*26 + u*3*x*25 + u*9*x*24 + u*7*x*23 + u*47*x*22 + u*36*x*21 + u*22*x*20 + u*22*x*19 + u*8*x*18 + u*35*x*17 + u*34*x*16 + u*21*x*15 + u*47*x*14 + u*59*x*13 + u*54*x*12 + u*45*x*11 + u*30*x*10 + u*49*x*9 + u*36*x*8 + u*29*x*7 + u*25*x*6 + u*38*x*5 + u*43*x*4 + u*45*x*3 + u*3*x*2 + u*8*x,

u*29*x*56 + u*26*x*52 + u*19*x*50 + u*60*x*49 + u*30*x*48 + u*47*x*44 + u*22*x*42 + u*23*x*41 + u*26*x*40 + u*23*x*38 + u*11*x*37 + u*3*x*36 + u*41*x*35 + u*57*x*34 + u*16*x*33 + u*47*x*32 + u*40*x*28 + u*46*x*26 + u*46*x*26 + u*46*x*26 + u*44*x*24 + u*8*x*22 + u*47*x*21 + u*22*x*20 + u*22*x*19 + u*12*x*18 + u*50*x*17 + u*55*x*16 + u*10*x*14 + u*4*x*13 + u*56*x*12 + u*18*x*11 + u*2*x*10 + u*38*x*9 + u*3*x*8 + u*56*x*7 + u*x*6 + u*8*x*5 + u*22*x*4 + u*26*x*3 + u*38*x*2 + u*x,

u*8*x*56 + u*49*x*52 + u*21*x*50 + u*50*x*49 + u*11*x*48 + u*58*x*44 + u*6*x*42 + u*31*x*41 + u*19*x*40 + u*22*x*38 + u*49*x*37 + u*21*x*36 + u*41*x*35 + u*52*x*34 + u*3*x*33 + u*52*x*32 + u*15*x*28 + u*30*x*26 + u*8*x*25 + u*10*x*24 + u*28*x*22 + u*25*x*21 + u*55*x*20 + x*19 + u*55*x*18 + u*54*x*17 + u*8*x*16 + u*15*x*14 + u*47*x*13 + u*21*x*12 + u*62*x*11 + u*x*10 + u*9*x*9 + u*16*x*8 + x*7 + u*15*x*5 + u*33*x*4 + u*3*x*3 + u*38*x*2 + u*50*x,

u*36*x*56 + u*53*x*52 + u*43*x*50 + u*44*x*49 + u*55*x*48 + u*22*x*44 + u*41*x*42 + u*36*x*41 + u*57*x*40 + u*52*x*38 + u*54*x*37 + u*37*x*36 + u*62*x*35 + u*47*x*34 + u*3*x*33 + u*24*x*32 + u*17*x*28 + u*54*x*26 + u*52*x*25 + u*20*x*24 + u*x*22 + u*40*x*21 + u*52*x*20 + u*6*x*19 + u*46*x*18 + u*56*x*17 + u*45*x*16 + u*25*x*14 + u*44*x*13 + u*10*x*12 + u*47*x*11 + u*60*x*10 + u*21*x*8 + u*48*x*7 + u*9*x*6 + x*4 + u*42*x*3 + u*61*x*2 + u*11*x,

u*54*x*56 + u*37*x*52 + u*22*x*50 + u*7*x*49 + u*35*x*48 + u*43*x*44 + u*4*x*42 + u*23*x*41 + u*46*x*40 + u*21*x*38 + u*58*x*37 + u*62*x*36 + u*10*x*35 + u*27*x*33 + u*45*x*32 + u*8*x*28 + u*36*x*28 + u*55*x*25 + u*9*x*24 + u*12*x*22 + u*x*21 + u*7*x*20 + u*55*x*19 + u*53*x*18 + u*9*x*17 + u*32*x*16 + u*6*x*14 + u*22*x*13 + u*5*x*12 + u*35*x*11 + u*40*x*10 + u*50*x*9 + u*25*x*8 + u*48*x*7 + u*36*x*6 + u*3*x*5 + u*61*x*4 + u*60*x*3 + u*21*x*2 + u*23*x,

u*57*x*56 + u*19*x*52 + u*31*x*50 + u*55*x*49 + u*29*x*44 + u*14*x*42 + u*40*x*41 + u*32*x*40 + u*46*x*38 + u*16*x*37 + u*61*x*36 + u*58*x*35 + u*56*x*34 + u*13*x*33 + u*33*x*32 + u*2*x*28 + u*46*x*26 + u*22*x*25 + u*58*x*24 + u*22*x*22 + u*58*x*21 + u*45*x*20 + x*19 + u*55*x*18 + u*15*x*17 + u*21*x*16 + u*56*x*14 + u*47*x*13 + u*21*x*12 + u*29*x*11 + u*49*x*10 + u*52*x*9 + u*33*x*8 + u*50*x*7 + u*46*x*6 + x*5 + u*x*4 + u*62*x*3 + u*37*x*2 + u*31*x,

u*12*x*52 + u*32*x*50 + u*8*x*49 + u*25*x*48 + x*44 + u*49*x*42 + u*50*x*41 + u*26*x*40 + u*52*x*38 + u*5*x*37 + u*57*x*36 + u*37*x*35 + u*38*x*34 + u*26*x*33 + u*26*x*32 + u*15*x*28 + u*28*x*26 + u*44*x*25 + u*35*x*24 + u*6*x*22 + u*48*x*21 + u*57*x*20 + u*17*x*19 + u*39*x*18 + u*62*x*17 + u*50*x*16 + u*60*x*14 + u*32*x*13 + u*45*x*12 + u*38*x*11 + u*13*x*10 + u*52*x*9 + u*24*x*8 + u*7*x*7 + u*35*x*6 + u*31*x*5 + u*54*x*4 + u*33*x*3 + u*25*x*2 + u*41*x,

u*58*x*60 + u*39*x*58 + u*25*x*57 + u*47*x*56 + u*19*x*54 + u*50*x*53 + u*59*x*52 + u*22*x*51 + u*42*x*50 + u*60*x*49 + u*8*x*48 + u*15*x*46 + u*10*x*45 + u*48*x*44 + u*9*x*43 + u*6*x*42 + u*4*x*41 + u*7*x*40 + u*16*x*39 + u*55*x*38 + u*62*x*37 + u*28*x*36 + u*14*x*35 + u*29*x*34 + u*61*x*33 + u*17*x*32 + u*43*x*30 + u*2*x*29 + u*60*x*28 + u*55*x*27 + u*32*x*26 + u*55*x*25 + u*41*x*24 + u*53*x*23 + u*45*x*22 + u*39*x*21 + u*27*x*20 + u*18*x*19 + u*53*x*18 + u*54*x*17 + u*22*x*16 + u*4*x*15 + u*9*x*14 + u*21*x*13 + u*30*x*12 + u*3*x*11 + u*42*x*10 + u*7*x*9 + u*60*x*8 + u*8*x*7 + u*55*x*6 + u*26*x*5 + u*42*x*4 + u*48*x*3 + u*16*x*2 + u*8*x,

u*48*x*56 + u*17*x*52 + u*4*x*50 + u*55*x*49 + u*11*x*48 + u*54*x*44 + u*43*x*42 + u*27*x*41 + u*19*x*40 + u*61*x*38 + u*48*x*37 + u*54*x*36 + u*31*x*35 + u*57*x*34 + u*62*x*33 + u*9*x*32 + u*5*x*28 + u*33*x*26 + u*4*x*25 + u*4*x*25 + u*56*x*24 + u*38*x*22 + u*15*x*21 + u*47*x*20 + u*51*x*19 + x*18 + u*10*x*17 + u*11*x*16 + u*x*14 + u*53*x*13 + u*51*x*12 + u*14*x*11 + u*51*x*10 + u*46*x*9 + u*11*x*8 + u*11*x*7 + u*52*x*6 + u*20*x*5 + u*12*x*4 + u*47*x*3 + x*2 + u*25*x,

u*11*x*56 + u*13*x*52 + u*50*x*50 + u*21*x*49 + u*47*x*48 + u*20*x*44 + u*37*x*42 + u*27*x*41 + u*39*x*40 + u*15*x*38 + u*32*x*37 + u*30*x*36 + u*35*x*35 + u*24*x*34 + u*53*x*33 + u*11*x*32 + u*61*x*28 + u*13*x*26 + u*39*x*25 + u*45*x*24 + u*27*x*22 + u*10*x*21 + u*39*x*20 + u*53*x*19 + u*11*x*18 + x*16 + u*55*x*14 + u*16*x*13 + u*56*x*12 + u*26*x*11 + u*13*x*10 + u*18*x*9 + u*28*x*8 + u*62*x*7 + u*11*x*5 + u*52*x*4 + u*59*x*3 + u*34*x*2 + u*26*x,

u*29*x*48 + u*15*x*34 + u*35*x*33 + u*62*x*20 + u*10*x*6 + u*40*x*5,

u*53*x*60 + u*34*x*58 + u*20*x*57 + u*4*x*56 + u*14*x*54 + u*45*x*53 + u*18*x*52 + u*17*x*51 + u*15*x*50 + u*24*x*49 + u*28*x*48 + u*10*x*46 + u*5*x*45 + u*27*x*44 + u*4*x*43 + x*42 + u*56*x*41 + u*7*x*40 + u*11*x*39 + u*6*x*38 + u*27*x*37 + u*9*x*36 + u*24*x*35 + u*61*x*34 + u*4*x*33 + u*20*x*32 + u*38*x*30 + u*60*x*29 + u*28*x*28 + u*50*x*27 + u*40*x*26 + u*17*x*25 + u*14*x*24 + u*48*x*23 + u*50*x*22 + u*36*x*21 + u*7*x*20 + u*51*x*19 + u*12*x*18 + u*60*x*17 + u*32*x*16 + u*62*x*15 + u*43*x*14 + u*61*x*13 + u*29*x*12 + u*44*x*11 + u*39*x*10 + u*11*x*9 + u*25*x*8 + u*20*x*7 + u*2*x*6 + u*50*x*5 + u*52*x*4 + u*2*x*3 + u*41*x*2 + u*13*x,

u*8*x*56 + u*49*x*52 + u*47*x*50 + u*37*x*49 + u*52*x*48 + u*25*x*44 + u*34*x*42 + u*41*x*41 + u*51*x*40 + u*7*x*38 + u*5*x*37 + u*61*x*36 + u*61*x*35 + u*17*x*34 + u*59*x*33 + u*18*x*32 + u*23*x*28 + u*10*x*26 + u*41*x*25 + u*4*x*24 + u*31*x*22 + u*35*x*21 + u*23*x*20 + u*29*x*19 + u*50*x*18 + u*8*x*17 + u*45*x*16 + u*54*x*14 + u*39*x*13 + u*21*x*12 + u*41*x*11 + u*28*x*10 + u*29*x*9 + u*56*x*7 + u*6*x*6 + u*24*x*5 + u*3*x*4 + u*17*x*3 + u*43*x*2 + u*13*x,

u*53*x*60 + u*34*x*58 + u*20*x*57 + u*45*x*56 + u*14*x*54 + u*45*x*53 + u*27*x*52 + u*17*x*51 + u*29*x*50 + u*40*x*49 + u*x*48 + u*10*x*46 + u*5*x*45 + u*60*x*44 + u*4*x*43 + u*48*x*42 + u*59*x*41 + u*37*x*40 + u*11*x*39 + u*41*x*38 + u*6*x*37 + u*6*x*36 + u*49*x*35 + u*29*x*34 + u*47*x*33 + u*22*x*32 + u*38*x*30 + u*60*x*29 + u*18*x*28 + u*50*x*27 + u*38*x*26 + u*40*x*25 + u*57*x*24 + u*48*x*23 + u*40*x*22 + u*2*x*21 + u*34*x*20 + u*47*x*19 + u*24*x*18 + u*7*x*17 + u*14*x*16 + u*62*x*15 + u*16*x*14 + u*49*x*13 + u*17*x*12 + u*9*x*11 + u*56*x*10 + u*27*x*9 + u*8*x*8 + u*21*x*7 + u*48*x*6 + u*9*x*5 + u*46*x*4 + u*16*x*3 + u*44*x*2 + u*x,

u*4*x*56 + u*41*x*52 + u*7*x*50 + u*16*x*49 + u*47*x*48 + u*9*x*44 + u*29*x*42 + u*35*x*41 + u*61*x*40 + u*59*x*38 + u*4*x*37 + u*30*x*36 + u*43*x*35 + u*25*x*33 + u*47*x*32 + u*52*x*28 + u*22*x*26 + u*37*x*25 + x*24 + u*5*x*24 + u*5*x*22 + u*11*x*21 + u*31*x*20 + u*2*x*19 + u*22*x*18 + u*35*x*16 + u*25*x*14 + u*18*x*13 + u*48*x*12 + u*39*x*11 + u*22*x*10 + x*9 + u*20*x*8 + u*44*x*7 + u*37*x*6 + u*20*x*5 + u*21*x*4 + u*32*x*3 + u*40*x*2 + u*3*x,

u*38*x*60 + u*19*x*58 + u*5*x*57 + u*10*x*56 + u*62*x*54 + u*30*x*53 + u*33*x*52 + u*2*x*51 + u*11*x*50 + u*9*x*49 + u*53*x*48 + u*58*x*46 + u*53*x*45 + u*57*x*44 + u*52*x*43 + x*42 + u*25*x*41 + u*21*x*40 + u*59*x*39 + u*24*x*38 + u*31*x*37 + u*41*x*36 + u*22*x*35 + u*17*x*34 + u*20*x*33 + u*58*x*32 + u*23*x*30 + u*45*x*29 + u*25*x*28 + u*35*x*27 + u*62*x*26 + u*29*x*25 + u*58*x*24 + u*33*x*23 + u*42*x*22 + u*3*x*21 + u*4*x*20 + u*41*x*19 + u*55*x*18 + u*2*x*17 + u*47*x*15 + u*32*x*13 + u*36*x*12 + u*59*x*11 + u*57*x*10 + u*11*x*10 + u*25*x*9 + u*30*x*8 + u*25*x*7 + u*2*x*6 + u*6*x*5 + u*58*x*4 + u*16*x*3 + u*2*x*2 + u*50*x,

u*x*56 + u*37*x*52 + u*27*x*50 + u*30*x*49 + u*10*x*48 + u*35*x*44 + u*47*x*42 + u*33*x*41 + u*34*x*40 + u*7*x*38 + u*59*x*37 + u*19*x*36 + u*53*x*35 + x*34 + u*7*x*33 + u*23*x*32 + u*54*x*28 + u*20*x*26 + u*2*x*25 + u*2*x*24 + u*7*x*22 + u*2*x*21 + u*36*x*20 + u*26*x*19 + u*14*x*18 + u*47*x*17 + u*19*x*16 + u*29*x*14 + u*42*x*13 + u*10*x*12 + u*42*x*11 + u*26*x*10 + u*8*x*9 + u*45*x*8 + u*29*x*7 + u*30*x*6 + u*21*x*5 + u*27*x*4 + u*9*x*3 + u*52*x*2 + u*5*x,

u*29*x*60 + u*10*x*58 + u*59*x*57 + u*4*x*56 + u*53*x*54 + u*21*x*53 + u*58*x*52 + u*56*x*51 + u*55*x*50 + u*12*x*49 + u*4*x*48 + u*49*x*46 + u*44*x*45 + u*61*x*44 + u*43*x*43 + u*51*x*42 + u*58*x*41 + u*4*x*40 + u*50*x*39 + u*42*x*38 + u*56*x*37 + u*6*x*36 + u*24*x*35 + u*29*x*34 + u*14*x*33 + u*59*x*32 + u*14*x*30 + u*36*x*29 + u*46*x*28 + u*26*x*27 + u*19*x*26 + u*22*x*25 + u*33*x*24 + u*24*x*23 + u*48*x*22 + u*36*x*21 + u*7*x*20 + u*53*x*19 + u*47*x*17 + u*5*x*16 + u*38*x*15 + u*36*x*14 + u*x*13 + u*x*12 + u*17*x*11 + u*58*x*10 + u*15*x*9 + u*59*x*8 + u*4*x*7 + u*14*x*6 + u*20*x*5 + u*x*4 + u*58*x*3 + u*32*x*2 + u*25*x,

u*5*x*56 + u*37*x*52 + u*60*x*50 + u*20*x*49 + u*39*x*48 + u*41*x*44 + u*58*x*42 + u*52*x*41 + u*28*x*38 + u*48*x*37 + u*28*x*36 + u*5*x*35 + u*49*x*34 + u*16*x*33 + u*13*x*32 + u*44*x*28 + u*48*x*26 + u*46*x*25 + u*54*x*24 + u*30*x*22 + u*57*x*21 + u*59*x*20 + u*21*x*19 + u*21*x*18 + u*16*x*17 + x*16 + u*53*x*14 + u*50*x*13 + u*37*x*12 + u*55*x*11 + u*44*x*10 + u*61*x*9 + u*12*x*8 + u*38*x*7 + u*35*x*6 + u*5*x*5 + u*23*x*4 + u*4*x*3 + u*60*x*2 + u*56*x,

u*60*x*56 + u*34*x*52 + u*62*x*50 + u*40*x*49 + u*33*x*48 + u*38*x*44 + u*36*x*42 + u*37*x*41 + u*42*x*40 + u*60*x*38 + u*55*x*37 + u*36 + u*44*x*34 + u*16*x*33 + u*29*x*32 + u*2*x*28 + u*4*x*26 + u*4*x*25 + u*22*x*24 + u*12*x*22 + u*27*x*21 + u*4*x*20 + u*25*x*19 + u*57*x*18 + u*33*x*17 + u*46*x*16 + u*44*x*14 + u*60*x*13 + u*2*x*12 + u*25*x*11 + u*32*x*10 + u*56*x*9 + u*58*x*8 + u*38*x*7 + u*62*x*6 + u*8*x*4 + u*42*x*3 + u*49*x*2 + u*51*x,

u*47*x*56 + u*37*x*52 + u*12*x*50 + u*62*x*49 + u*48*x*48 + u*4*x*44 + u*33*x*42 + u*3*x*41 + u*22*x*40 + u*42*x*38 + u*5*x*36 + u*61*x*35 + u*15*x*34 + u*28*x*33 + u*47*x*32 + u*33*x*28 + u*2*x*26 + u*15*x*25 + u*20*x*24 + u*24*x*22 + u*13*x*21 + u*55*x*20 + u*33*x*19 + u*35*x*18 + u*47*x*17 + u*34*x*16 + u*62*x*13 + u*6*x*12 + u*43*x*11 + u*2*x*10 + u*22*x*9 + u*28*x*8 + u*13*x*7 + u*37*x*6 + u*24*x*5 + u*56*x*4 + u*53*x*3 + u*22*x*2 + u*12*x,

u*42*x*56 + u*59*x*52 + u*29*x*50 + u*52*x*49 + u*58*x*48 + u*5*x*44 + u*52*x*42 + u*18*x*41 + u*20*x*40 + u*28*x*38 + u*35*x*37 + u*6*x*36 + u*39*x*35 + u*33*x*34 + u*28*x*33 + u*52*x*32 + u*2*x*28 + u*36*x*26 + u*33*x*25 + u*3*x*24 + u*37*x*22 + u*34*x*21 + u*52*x*20 + u*46*x*19 + u*32*x*18 + u*22*x*17 + u*19*x*16 + u*26*x*14 + u*10*x*13 + u*38*x*12 + u*31*x*11 + u*41*x*10 + u*14*x*9 + u*60*x*8 + u*56*x*7 + u*9*x*6 + u*55*x*5 + u*23*x*4 + u*21*x*3 + u*2*x*2 + u*51*x,

u*50*x*56 + u*40*x*52 + u*20*x*50 + u*3*x*49 + u*39*x*48 + u*43*x*44 + u*42*x*42 + x*41 + u*39*x*40 + u*26*x*38 + u*25*x*37 + u*2*x*36 + u*52*x*35 + u*6*x*34 + u*16*x*33 + u*14*x*32 + u*10*x*28 + u*57*x*26 + u*26*x*25 + u*45*x*24 + u*18*x*22 + u*45*x*21 + u*21*x*20 + u*11*x*19 + u*27*x*18 + u*30*x*17 + u*16*x*16 + u*45*x*14 + u*33*x*13 + u*19*x*12 + u*37*x*11 + u*55*x*10 + u*30*x*9 + u*24*x*8 + u*21*x*7 + u*42*x*6 + u*22*x*5 + u*3*x*4 + u*49*x*3 + u*35*x*2 + u*13*x,

u^29*x^60 + u^10*x^58 + u^59*x^57 + u^8*x^56 + u^53*x^54 + u^21*x^53 + u^57*x^52 + u^56*x^51 + u^35*x^50 + u^40*x^49 + u^25*x^48 + u^49*x^46 + u^44*x^45 + u*x^44 + u^43*x^43 + u^29*x^42 + u^7*x^41 + u^44*x^40 + u^50*x^39 + u^8*x^38 + u^34*x^37 + u^2*x^36 + u^21*x^35 + u^17*x^34 + u^20*x^33 + u^60*x^32 + u^14*x^30 + u^36*x^29 + u^60*x^28 + u^26*x^27 + u^13*x^26 + u^61*x^25 + u^32*x^24 + u^24*x^23 + u^42*x^22 + u^46*x^21 + u^9*x^20 + u^50*x^19 + u^60*x^18 + u^40*x^17 + u^9*x^16 + u^38*x^15 + u^55*x^14 + u^47*x^13 + u^55*x^12 + u^30*x^11 + x^10 + u^32*x^9 + u^30*x^8 + u^21*x^7 + u^40*x^6 + u^5*x^5 + u^42*x^4 + u^40*x^3 + u^11*x^2 + u^21*x,

u^30*x^56 + u^39*x^52 + u^2*x^50 + u^58*x^49 + u^34*x^48 + u^44*x^44 + u^4*x^42 + u^56*x^41 + u^10*x^40 + u^12*x^38 + u^6*x^37 + u^30*x^36 + u^35*x^35 + u^33*x^34 + u^17*x^33 + u^31*x^32 + u^9*x^28 + u^51*x^26 + x^25 + u^13*x^24 + u^62*x^22 + u^27*x^21 + u^52*x^20 + u^31*x^19 + u^52*x^18 + u^60*x^17 + u^10*x^16 + u^50*x^14 + u^38*x^13 + u^55*x^12 + u^30*x^11 + u^62*x^10 + u^6*x^9 + u^3*x^8 + u^6*x^7 + u^34*x^6 + u^28*x^5 + u^39*x^4 + u^5*x^3 + u^2*x^2 + u^46*x,

u^26*x^60 + u^7*x^58 + u^56*x^57 + u^23*x^56 + u^50*x^54 + u^18*x^53 + u^4*x^52 + u^53*x^51 + u^3*x^50 + u^31*x^49 + u^38*x^48 + u^46*x^46 + u^41*x^45 + u^41*x^44 + u^40*x^43 + u^26*x^42 + u^17*x^41 + u^13*x^40 + u^47*x^39 + u^15*x^38 + u^12*x^37 + u^18*x^36 + u^40*x^35 + u^43*x^34 + u^7*x^33 + u^30*x^32 + u^11*x^30 + u^33*x^29 + u^36*x^28 + u^23*x^27 + u^48*x^26 + u^45*x^25 + u^50*x^24 + u^21*x^23 + u^18*x^22 + u^35*x^21 + u^57*x^20 + u^2*x^19 + u^57*x^18 + u^50*x^17 + u^31*x^16 + u^35*x^15 + u^30*x^14 + u^43*x^13 + u^26*x^12 + u^45*x^11 + u^29*x^10 + u^19*x^9 + u^30*x^8 + u^43*x^7 + u^14*x^6 + u^52*x^5 + u^47*x^4 + u^39*x^3 + u^8*x^2 + u^51*x,

u^26*x^56 + u^20*x^52 + u^60*x^50 + u^33*x^49 + u^7*x^48 + u^22*x^44 + u^54*x^42 + u^11*x^41 + u^41*x^40 + u^34*x^38 + u^41*x^37 + u^8*x^36 + u^4*x^35 + u^47*x^34 + x^33 + u^18*x^32 + u^39*x^28 + u^42*x^26 + u^22*x^25 + u^44*x^24 + u^9*x^22 + u^48*x^21 + u^24*x^20 + u^49*x^19 + u^45*x^18 + u^25*x^17 + u^41*x^16 + u^42*x^14 + u^9*x^13 + u^15*x^12 + u^25*x^11 + u^57*x^10 + u^24*x^9 + u^20*x^8 + u^50*x^7 + u^29*x^6 + u^40*x^5 + u^34*x^4 + u^28*x^3 + u^16*x^2 + u^32*x,

u^50*x^56 + u^61*x^52 + u^61*x^50 + u*x^49 + u^58*x^48 + u^40*x^44 + x^42 + u^31*x^41 + u^34*x^40 + u^54*x^38 + u^5*x^37 + u^51*x^36 + u*x^35 + u^37*x^34 + u^5*x^33 + u^25*x^32 + u^24*x^28 + u^18*x^26 + u^10*x^25 + u^47*x^24 + u^16*x^22 + u^62*x^21 + u*x^20 + u^13*x^19 + u^54*x^18 + u^37*x^17 + u^34*x^16 + u^23*x^14 + u^20*x^13 + u^25*x^12 + u^53*x^11 + u^47*x^10 + u^57*x^9 + u^3*x^8 + u^6*x^7 + u^55*x^6 + u^61*x^5 + u^14*x^4 + u^22*x^3 + u^27*x^2 + u^35*x,

u^37*x^56 + u^57*x^52 + u^56*x^50 + u^5*x^49 + u^22*x^48 + u^41*x^44 + u^19*x^42 + u^50*x^41 + u^22*x^40 + u^35*x^38 + u^9*x^37 + u^36*x^36 + u^19*x^35 + u^3*x^34 + x^33 + x^32 + u^38*x^28 + u^44*x^26 + u^11*x^25 + u^41*x^24 + u^7*x^22 + u^30*x^21 + u^59*x^20 + u^33*x^19 + u^46*x^18 + u^25*x^17 + u^35*x^16 + u^11*x^14 + u^37*x^13 + u^58*x^12 + u^44*x^11 + u^55*x^10 + u^19*x^9 + u^31*x^8 + u^43*x^7 + u^52*x^6 + u^7*x^5 + u^58*x^4 + u^17*x^3 + u^35*x^2 + u^51*x,

u^4*x^56 + u^42*x^52 + u^34*x^50 + u^37*x^49 + u^45*x^48 + u^23*x^44 + u^17*x^42 + u^29*x^41 + u^8*x^40 + u^48*x^38 + u^55*x^36 + u^46*x^35 + u^47*x^34 + u^38*x^33 + u^23*x^32 + u^55*x^28 + u^17*x^26 + u^49*x^25 + u^16*x^24 + u^57*x^22 + u^30*x^21 + u^41*x^20 + u^2*x^19 + u^20*x^18 + u^7*x^17 + u^32*x^16 + u^10*x^14 + u^55*x^13 + u^14*x^12 + u^32*x^11 + u^35*x^10 + u^59*x^9 + u^51*x^8 + u^21*x^7 + u^58*x^6 + u^43*x^5 + u^55*x^4 + u^49*x^3 + u^59*x^2 + u^2*x,

u^6*x^56 + u^29*x^52 + u^9*x^50 + u^31*x^49 + u^19*x^48 + u^29*x^44 + u^17*x^42 + u^18*x^41 + u^25*x^38 + u^48*x^37 + u^48*x^36 + u^5*x^35 + u^5*x^34 + x^33 + u^2*x^32 + u^14*x^28 + u^37*x^26 + u^59*x^25 + u^38*x^24 + u^39*x^22 + u^24*x^21 + u^20*x^20 + u^62*x^19 + u^48*x^18 + u^29*x^17 + u^7*x^16 + u^16*x^14 + u^47*x^13 + u^12*x^12 + u^15*x^11 + u^7*x^10 + u^25*x^9 + u^9*x^8 + u^61*x^7 + u^4*x^6 + u^60*x^5 + u^35*x^4 + u^21*x^3 + u^18*x^2 + u^48*x,

u^21*x^56 + u^51*x^52 + u^25*x^50 + u^42*x^49 + u*x^48 + u^3*x^44 + u^2*x^42 + u^37*x^41 + u^5*x^40 + u^16*x^38 + u^36*x^37 + u^59*x^36 + u^51*x^35 + u^18*x^34 + u^25*x^33 + u^51*x^32 + u^53*x^28 + u^3*x^26 + u^28*x^25 + u^35*x^24 + u^10*x^22 + u^17*x^21 + u^4*x^20 + u^54*x^19 + u*x^18 + u^12*x^17 + u^59*x^16 + u^38*x^14 + u^33*x^13 + u^39*x^12 + u^16*x^11 + u*x^10 + u^51*x^9 + u^61*x^8 + u^10*x^7 + u^26*x^6 + u^16*x^5 + u^34*x^4 + u^32*x^3 + u^26*x^2 + u^16*x,

u^39*x^56 + x^52 + u^27*x^50 + u^36*x^49 + u^37*x^48 + u^42*x^44 + u^23*x^42 + u^54*x^41 + u^13*x^40 + u^3*x^38 + u^38*x^37 + u^29*x^36 + u^15*x^35 + u^13*x^34 + u^44*x^33 + u^23*x^32 + u^25*x^28 + u^42*x^26 + u^55*x^25 + u^45*x^24 + u^34*x^22 + u^44*x^21 + u^15*x^20 + u^48*x^19 + u^14*x^18 + u^42*x^17 + u^2*x^16 + u^13*x^13 + u^42*x^12 + u^2*x^10 + u^43*x^9 + u^39*x^8 + u^17*x^7 + u^42*x^6 + u^59*x^5 + u^53*x^4 + u^23*x^3 + u^40*x^2 + u^59*x,

u^16*x^56 + u*x^52 + u^62*x^50 + u^22*x^48 + u^36*x^44 + u^7*x^42 + u^32*x^41 + u^34*x^40 + u^53*x^38 + u^44*x^37 + u^43*x^36 + u^58*x^35 + u^22*x^34 + u^27*x^33 + u^43*x^32 + u^62*x^28 + u^42*x^26 + u^23*x^25 + u^46*x^24 + u^5*x^22 + u^11*x^21 + u^7*x^20 + u^30*x^19 + u^51*x^18 + u^10*x^17 + u^3*x^16 + u^25*x^14 + u^34*x^13 + u^10*x^12 + u^37*x^11 + u^35*x^10 + u^58*x^9 + u^39*x^8 + u^54*x^7 + u^10*x^6 + u^21*x^5 + u^36*x^4 + u^48*x^3 + u^46*x^2 + u^34*x,

u^25*x^56 + u^12*x^52 + u^7*x^50 + u^59*x^49 + u^16*x^48 + u^11*x^44 + u^45*x^42 + u^37*x^41 + u^27*x^40 + u^13*x^38 + u^41*x^37 + u^10*x^36 + u^4*x^35 + u^20*x^34 + u^44*x^33 + u^22*x^32 + u^13*x^28 + u^3*x^26 + u^10*x^25 + u^11*x^24 + u^60*x^22 + u^2*x^21 + u^5*x^20 + u^13*x^19 + u^62*x^18 + u^16*x^17 + u^26*x^16 + u^31*x^14 + u^60*x^13 + u^33*x^12 + u^9*x^11 + u^40*x^10 + u^37*x^9 + u^2*x^8 + u^19*x^7 + u^40*x^6 + x^5 + u^11*x^4 + u*x^3 + u^3*x^2 + u^7*x,

u^54*x^56 + u^50*x^52 + u^17*x^50 + u^40*x^49 + u^24*x^48 + u^34*x^44 + u^23*x^42 + u^45*x^41 + u^7*x^40 + u^31*x^38 + u^14*x^37 + u^56*x^36 + u^26*x^35 + u^7*x^34 + u^31*x^33 + x^32 + u^57*x^28 + u^55*x^25 + u^54*x^24 + u^30*x^22 + u^24*x^21 + u^10*x^20 + u^51*x^19 + u^30*x^18 + u^49*x^17 + u^32*x^16 + u^8*x^14 + u^18*x^13 + u^53*x^12 + u^40*x^11 + u^24*x^10 + u^13*x^9 + u^15*x^8 + u^56*x^7 + u^58*x^6 + u^37*x^5 + u^38*x^4 + u^7*x^3 + u^3*x^2 + u^18*x,

u^25*x^56 + u^44*x^52 + u^12*x^50 + x^49 + u^58*x^48 + u^62*x^44 + u^43*x^42 + u^15*x^41 + u^46*x^40 + u^31*x^38 + u*x^37 + u^59*x^36 + u^54*x^35 + u^6*x^34 + u^43*x^33 + u^46*x^32 + u^37*x^28 + u^32*x^26 + u^5*x^25 + u^50*x^24 + u^50*x^22 + u^43*x^21 + u^7*x^20 + u^9*x^19 + u^9*x^18 + u^12*x^17 + u^17*x^16 + u^21*x^14 + u^4*x^13 + u^37*x^12 + u^19*x^11 + u^13*x^10 + u^49*x^9 + u^45*x^8 + u^49*x^7 + u^50*x^6 + u^20*x^5 + u^62*x^4 + u^39*x^3 + u^26*x^2 + u^57*x,

u^21*x^52 + u^24*x^50 + u^48*x^49 + u^43*x^48 + u^57*x^44 + u^16*x^42 + u*x^41 + u^37*x^40 + u^61*x^38 + u^35*x^37 + u^7*x^36 + u*x^35 + u^33*x^34 + u^51*x^33 + u^19*x^32 + u^58*x^28 + u^60*x^26 + u^51*x^25 + u^19*x^24 + u^23*x^22 + u^20*x^21 + u^59*x^20 + u^34*x^19 + u^12*x^18 + u^9*x^17 + u^50*x^16 + u^4*x^14 + u^50*x^13 + u^56*x^12 + u^44*x^11 + u^38*x^10 + u^46*x^9 + u^15*x^8 + u^8*x^7 + u^27*x^6 + u^51*x^5 + u^24*x^4 + u^2*x^3 + u^40*x^2 + u^8*x,

u^34*x^56 + u^42*x^52 + u^40*x^50 + u^10*x^49 + u*x^48 + u^48*x^44 + u^14*x^42 + u^50*x^41 + u^59*x^40 + u^27*x^38 + u^28*x^37 + u^62*x^36 + u^26*x^35 + u^45*x^34 + u^2*x^33 + u^43*x^32 + u^33*x^28 + u^58*x^26 + u^26*x^25 + u^21*x^24 + u^17*x^22 + u^50*x^21 + u^57*x^20 + u^33*x^19 + u^26*x^18 + u^48*x^17 + u^24*x^16 + u^41*x^14 + u^21*x^12 + u^56*x^11 + u^44*x^10 + u^51*x^9 + u^7*x^8 + u^53*x^7 + u^37*x^6 + u^20*x^5 + u^26*x^4 + u^41*x^3 + u^16*x^2 + u^5*x,

u^29*x^56 + u^44*x^52 + u^56*x^50 + u^26*x^49 + u^11*x^48 + u^22*x^44 + u^22*x^42 + u^61*x^41 + u^10*x^40 + u^9*x^38 + u^22*x^37 + u^9*x^36 + u^3*x^35 + u^51*x^34 + u^61*x^33 + u^14*x^32 + u^25*x^28 + u^18*x^26 + u^25*x^25 + u^7*x^24 + u^10*x^22 + u^52*x^21 + u^40*x^20 + u^42*x^19 + u^8*x^18 + u^55*x^17 + u^10*x^16 + u^37*x^14 + u^12*x^13 + u^5*x^12 + u^59*x^11 + u^40*x^10 + u^14*x^9 + u^39*x^8 + u^32*x^7 + u^9*x^6 + u^36*x^5 + u^46*x^4 + u^11*x^3 + u^17*x^2 + u^54*x,

u^11*x^56 + u^45*x^52 + u^40*x^50 + u^36*x^49 + u^60*x^48 + u^62*x^44 + u^42*x^42 + u^27*x^41 + u^19*x^40 + u^24*x^38 + u^33*x^37 + u*x^36 + u^41*x^35 + u^11*x^34 + u^23*x^33 + u^56*x^32 + u^40*x^28 + u^46*x^26 + u^12*x^25 + u^44*x^24 + u^22*x^22 + u^20*x^21 + u^5*x^20 + u^57*x^19 + u^36*x^18 + u^37*x^17 + u^59*x^16 + u^27*x^14 + u^45*x^13 + u^44*x^12 + u^60*x^11 + u^41*x^10 + u^12*x^9 + u^40*x^8 + u^26*x^7 + u^18*x^6 + u^17*x^5 + u^50*x^4 + u^58*x^3 + u^52*x^2 + u^26*x,

u^37*x^60 + u^18*x^58 + u^4*x^57 + u^41*x^56 + u^61*x^54 + u^29*x^53 + u^43*x^52 + u*x^51 + u^20*x^50 + u^36*x^49 + u^57*x^48 + u^57*x^46 + u^52*x^45 + u^5*x^44 + u^51*x^43 + u^36*x^42 + u^62*x^41 + u^56*x^40 + u^58*x^39 + u^11*x^38 + x^37 + u^35*x^36 + u^54*x^35 + u^3*x^34 + u*x^33 + u^19*x^32 + u^22*x^30 + u^44*x^29 + u^24*x^28 + u^34*x^27 + u^57*x^26 + u^22*x^25 + u^25*x^24 + u^32*x^23 + u^48*x^22 + u^27*x^21 + u^23*x^20 + u^14*x^19 + u^21*x^18 + u^34*x^17 + u^18*x^16 + u^46*x^15 + u^3*x^14 + u^41*x^13 + u^34*x^12 + u^25*x^11 + u^44*x^10 + u^52*x^9 + u^46*x^8 + x^7 + u^61*x^6 + u^49*x^5 + u^48*x^4 + u^9*x^3 + u^54*x^2 + u^13*x,

u^42*x^56 + u^54*x^52 + u^19*x^50 + u^34*x^49 + u^57*x^48 + u^51*x^44 + u^25*x^42 + u^34*x^41 + u^2*x^40 + u^23*x^38 + x^37 + u^52*x^36 + u^24*x^35 + u^49*x^34 + u^7*x^33 + u^31*x^32 + u^21*x^28 + u^58*x^26 + u^18*x^25 + u^18*x^24 + u^3*x^22 + u^49*x^21 + u^62*x^20 + u^53*x^19 + u^22*x^18 + u^57*x^17 + u^53*x^16 + u^21*x^14 + u^59*x^13 + u^19*x^12 + u^23*x^11 + u^53*x^10 + u^22*x^9 + u^25*x^8 + u^37*x^7 + u^33*x^6 + u^37*x^5 + u^49*x^4 + u^47*x^3 + u^16*x^2 + u^4*x,

u^55*x^60 + u^36*x^58 + u^22*x^57 + u^16*x^54 + u^47*x^53 + u^59*x^52 + u^19*x^51 + u^15*x^50 + u^35*x^49 + u^61*x^48 + u^12*x^46 + u^7*x^45 + u^14*x^44 + u^6*x^43 + u^21*x^42 + u*x^41 + u^14*x^40 + u^13*x^39 + u^16*x^38 + u^15*x^37 + u^45*x^36 + u^18*x^35 + u^55*x^34 + u^22*x^33 + u^14*x^32 + u^40*x^30 + u^62*x^29 + u^52*x^28 + u^52*x^27 + u^25*x^26 + u^11*x^25 + u^9*x^24 + u^50*x^23 + u^37*x^22 + u^52*x^21 + u^8*x^20 + u^16*x^19 + u^13*x^18 + u^4*x^17 + u^51*x^16 + u*x^15 + u^51*x^14 + u^44*x^13 + u^15*x^12 + u^35*x^11 + u^39*x^10 + u^61*x^9 + u^54*x^8 + u^58*x^7 + u^30*x^6 + u^40*x^5 + u^30*x^4 + u^57*x^3 + u^34*x^2 + u^62*x,

u^19*x^56 + u*x^52 + u^31*x^50 + u^16*x^49 + u^25*x^48 + u^34*x^44 + u^31*x^42 + u^53*x^40 + u^62*x^38 + u^32*x^37 + u^32*x^36 + u^11*x^35 + u^39*x^34 + u^2*x^33 + u^59*x^32 + u^14*x^28 + u^5*x^26 + u^5*x^25 + u^29*x^24 + u^15*x^22 + u^17*x^21 + u^62*x^20 + u^41*x^19 + u^43*x^18 + u^37*x^17 + u^27*x^16 + u^33*x^14 + u*x^13 + u^3*x^12 + u^42*x^11 + u^12*x^10 + u^35*x^9 + u^23*x^8 + u^43*x^7 + u^23*x^6 + u^13*x^5 + u^40*x^4 + u^54*x^3 + u^28*x^2 + u^37*x,

u^43*x^56 + u^58*x^52 + u^48*x^50 + u^12*x^49 + u^15*x^48 + u^34*x^44 + u^33*x^42 + u^12*x^41 + u^34*x^40 + u^33*x^38 + u^32*x^37 + u^28*x^36 + u^59*x^35 + u^23*x^34 + u^31*x^33 + u^24*x^32 + u^36*x^28 + u^61*x^26 + u^60*x^25 + u^17*x^24 + u^49*x^22 + u^52*x^21 + u^58*x^20 + u^17*x^19 + u^56*x^18 + u^47*x^17 + u^42*x^16 + u^58*x^14 + u^5*x^13 + u^34*x^12 + u^11*x^11 + u^60*x^10 + u^45*x^9 + u^22*x^8 + u^59*x^7 + u^36*x^6 + u^56*x^5 + u^33*x^4 + u^28*x^3 + u^25*x^2 + u^54*x,

u^50*x^56 + u^21*x^52 + u^17*x^50 + u^9*x^49 + u^46*x^48 + u^53*x^44 + u^25*x^42 + u^54*x^40 + u^26*x^38 + u^2*x^37 + u^39*x^36 + u^8*x^35 + u^21*x^34 + u^38*x^33 + u^30*x^32 + u^26*x^28 + u^31*x^26 + u^35*x^25 + u^54*x^24 + u^59*x^22 + u^38*x^21 + u^13*x^20 + u^57*x^19 + u^33*x^18 + u^43*x^17 + u^46*x^16 + u^2*x^14 + u^32*x^13 + u^13*x^12 + u^33*x^11 + u^19*x^10 + u^10*x^9 + u^48*x^8 + u^10*x^7 + u^55*x^6 + u^52*x^5 + u^47*x^4 + u^4*x^3 + u^15*x^2 + u^15*x,

u^36*x^56 + u^41*x^52 + u^32*x^50 + u^20*x^49 + u^52*x^48 + u^34*x^44 + u^42*x^42 + u^14*x^41 + u^15*x^40 + u^13*x^38 + u^25*x^37 + u^39*x^36 + u^5*x^35 + u^17*x^34 + u^45*x^33 + u^3*x^32 + u^3*x^28 + x^26 + u^29*x^25 + u^18*x^24 + u^38*x^22 + u^49*x^21 + u^48*x^20 + u^39*x^19 + u^34*x^18 + u^27*x^17 + u^16*x^16 + u^31*x^14 + u^35*x^13 + u^62*x^12 + u^29*x^11 + u^62*x^10 + u^62*x^9 + u^14*x^8 + u^26*x^7 + u^9*x^6 + u^13*x^5 + u^56*x^4 + u^45*x^3 + u^25*x^2 + u^46*x,

u^37*x^56 + u^56*x^52 + u^6*x^50 + u^59*x^49 + u^36*x^48 + u^54*x^44 + u^28*x^42 + u^40*x^41 + u^12*x^40 + u^51*x^38 + x^37 + u*x^36 + u^43*x^35 + u^38*x^34 + u^29*x^33 + u^11*x^32 + u^28*x^28 + u^37*x^26 + u^8*x^25 + u^8*x^24 + u^31*x^22 + u^52*x^21 + u^44*x^20 + u^24*x^19 + u^46*x^18 + u^16*x^17 + u^31*x^16 + u^18*x^14 + u^48*x^13 + u^42*x^12 + u^16*x^11 + u^26*x^10 + u^4*x^9 + u^8*x^8 + u^53*x^7 + u^58*x^6 + u^48*x^5 + u^48*x^4 + u^26*x^3 + u^18*x^2 + u^31*x,

u^37*x^60 + u^18*x^58 + u^4*x^57 + u^62*x^56 + u^61*x^54 + u^29*x^53 + u^5*x^52 + u*x^51 + u^8*x^50 + u^54*x^49 + x^48 + u^57*x^46 + u^52*x^45 + u^31*x^44 + u^51*x^43 + u^40*x^42 +

u'26*x'41 + u'24*x'40 + u'58*x'39 + u'14*x'38 + u'45*x'37 + u'6*x'36 + u'47*x'35 + u'21*x'34 + u'32*x'33 + u'34*x'32 + u'22*x'30 + u'44*x'29 + u'22*x'28 + u'34*x'27 + u'32*x'26 + u'8*x'25 + u'42*x'24 + u'32*x'23 + u'21*x'22 + u'31*x'21 + x'20 + u'5*x'19 + u'14*x'18 + u'4*x'17 + u'58*x'16 + u'46*x'15 + u'13*x'14 + u'2*x'13 + u'61*x'12 + u'48*x'11 + u'42*x'10 + u'23*x'9 + u'46*x'8 + u'9*x'7 + u'31*x'6 + u'36*x'5 + u'10*x'4 + u'3*x'3 + u'6*x'2 + u'34*x,

u'51*x'56 + u'21*x'52 + u'50*x'50 + u'36*x'49 + u'21*x'48 + u'27*x'44 + u'23*x'42 + u'55*x'41 + u'55*x'40 + u'28*x'38 + u'32*x'37 + u'9*x'36 + u'20*x'35 + u*x'34 + u'48*x'33 + x'32 + u'24*x'28 + u'18*x'26 + u'35*x'25 + u'35*x'24 + u'61*x'22 + u'61*x'21 + u'17*x'20 + u'21*x'19 + u'57*x'18 + u'10*x'17 + u'59*x'16 + u'35*x'14 + u'17*x'13 + u'5*x'12 + u'29*x'11 + u'44*x'10 + u'31*x'9 + u'59*x'7 + u'33*x'6 + u'37*x'5 + u'15*x'4 + u'41*x'3 + u'47*x'2 + u'50*x,

u'45*x'60 + u'26*x'58 + u'12*x'57 + u'57*x'56 + u'6*x'54 + u'37*x'53 + u'31*x'52 + u'9*x'51 + u'61*x'50 + u'12*x'49 + u'55*x'48 + u'2*x'46 + u'60*x'45 + u'52*x'44 + u'59*x'43 + u'59*x'42 + u'8*x'41 + u'19*x'40 + u'30*x'39 + u'31*x'38 + u'29*x'37 + u'55*x'36 + u'56*x'35 + u'26*x'34 + u'56*x'33 + u'18*x'32 + u'30*x'30 + u'52*x'29 + u'36*x'28 + u'42*x'27 + u'61*x'26 + u'55*x'25 + u'53*x'24 + u'43*x'23 + u'43*x'22 + u'37*x'21 + u'43*x'20 + u'11*x'19 + u'43*x'18 + u'29*x'17 + u'54*x'16 + u'54*x'15 + u'17*x'14 + u'21*x'13 + u'44*x'12 + u'14*x'11 + u'10*x'10 + u'2*x'9 + u'50*x'8 + u'52*x'7 + u'13*x'6 + u'20*x'5 + u'55*x'4 + u'62*x'3 + u'10*x'2 + u'6*x,

u'29*x'60 + u'10*x'58 + u'59*x'57 + u'11*x'56 + u'53*x'54 + u'21*x'53 + u*x'52 + u'56*x'51 + u'44*x'50 + u'40*x'49 + u'12*x'48 + u'49*x'46 + u'44*x'45 + u'56*x'44 + u'43*x'43 + u'32*x'42 + u'38*x'41 + u'51*x'40 + u'50*x'39 + u'14*x'38 + u'2*x'37 + u'22*x'36 + u'43*x'35 + u'4*x'33 + u'31*x'32 + u'14*x'30 + u'36*x'29 + u'54*x'28 + u'26*x'27 + u'15*x'26 + u'31*x'25 + u'40*x'24 + u'24*x'23 + u'35*x'22 + u'49*x'21 + u'18*x'20 + u'2*x'19 + u'9*x'18 + u'40*x'17 + u'51*x'16 + u'28*x'15 + u'45*x'14 + u'38*x'13 + u'38*x'12 + u'4*x'11 + u'34*x'10 + u'19*x'9 + u'22*x'8 + u'5*x'7 + u'48*x'6 + u'46*x'5 + u'38*x'4 + u'13*x'3 + u'42*x'2 + u'5*x,

u'61*x'56 + u'22*x'52 + u'60*x'50 + u'4*x'49 + u'23*x'48 + u'55*x'44 + u'42*x'42 + u'34*x'41 + u'59*x'40 + u'21*x'38 + u'35*x'37 + u'24*x'36 + u'21*x'35 + u'5*x'34 + u'55*x'33 + u'22*x'32 + u'11*x'28 + u'42*x'26 + u'43*x'25 + u'9*x'24 + u'2*x'22 + u'11*x'21 + u'23*x'20 + u'19*x'18 + u'28*x'17 + u'28*x'16 + u'42*x'12 + u'33*x'11 + u'53*x'10 + u'20*x'9 + u'14*x'8 + u'41*x'7 + u'2*x'6 + u'29*x'5 + u'37*x'4 + u'37*x'3 + u'53*x'2 + u'45*x,

u'16*x'56 + u'3*x'52 + u'23*x'50 + u'35*x'49 + u'48*x'48 + x'44 + u'34*x'42 + x'41 + u'58*x'40 + u'47*x'38 + u'7*x'37 + u'24*x'36 + u'52*x'35 + u'32*x'34 + u'9*x'33 + u'12*x'32 + u'15*x'28 + u'14*x'26 + u'3*x'25 + u'62*x'24 + u'26*x'22 + u'50*x'21 + u'39*x'20 + u'15*x'19 + u'30*x'18 + u'62*x'17 + u'5*x'16 + u'23*x'14 + u'30*x'13 + u'51*x'12 + u'32*x'11 + u'3*x'10 + x'9 + u'47*x'8 + u'16*x'7 + u'59*x'6 + u'28*x'5 + u'7*x'4 + u'39*x'3 + u'50*x'2 + u'58*x,

u'36*x'56 + u'26*x'52 + u'23*x'50 + u'15*x'49 + u'16*x'48 + u'57*x'44 + u'27*x'42 + u'34*x'41 + u'3*x'40 + u'51*x'38 + u'55*x'37 + u'14*x'36 + u'34*x'35 + u'32*x'34 + u'58*x'33 + u'5*x'32 + u'42*x'28 + u'57*x'26 + u'26*x'25 + u'48*x'24 + u'13*x'22 + u'23*x'21 + u'4*x'20 + u'6*x'19 + u'2*x'18 + u'5*x'17 + u'57*x'16 + u'51*x'14 + u'56*x'13 + u'21*x'12 + u'46*x'11 + u'41*x'10 + u'55*x'9 + u'25*x'8 + u'27*x'7 + u'37*x'6 + u'14*x'5 + u'43*x'4 + u'42*x'3 + u'37*x'2 + u'58*x,

u'10*x'56 + u'60*x'52 + u'37*x'50 + u'54*x'49 + u'14*x'48 + u'17*x'44 + u'17*x'42 + u'10*x'41 + u'26*x'40 + u'60*x'38 + u'26*x'37 + u'47*x'36 + u'37*x'35 + u'40*x'34 + u'9*x'33 + u'40*x'32 + u'51*x'28 + u'38*x'26 + u'10*x'25 + u'33*x'24 + u'15*x'22 + u'44*x'21 + u'20*x'20 + u'28*x'19 + u'8*x'18 + u'12*x'17 + u'25*x'16 + u'32*x'14 + u'41*x'13 + u'56*x'12 + u'2*x'11 + u'10*x'10 + u'27*x'9 + u'6*x'8 + u'36*x'7 + u'49*x'6 + u'25*x'5 + u'38*x'4 + u'23*x'3 + u'41*x'2 + u'11*x,

u'24*x'56 + u'30*x'52 + u'36*x'50 + u'7*x'49 + u'33*x'48 + u'4*x'44 + u'42*x'42 + u'16*x'41 + u'13*x'40 + u'45*x'38 + u'22*x'37 + u'20*x'36 + u'8*x'35 + u'5*x'34 + u'4*x'32 + u'42*x'28 + u'19*x'26 + u'5*x'25 + u'8*x'24 + u'39*x'22 + u'32*x'21 + u'45*x'20 + u'34*x'19 + u'20*x'18 + u'20*x'17 + u'62*x'16 + u'29*x'14 + u'46*x'13 + u'13*x'12 + u'29*x'11 + u'28*x'10 + u'4*x'9 + u'44*x'8 + u'16*x'7 + u'40*x'6 + u'41*x'5 + u'22*x'4 + u'25*x'3 + u'62*x'2 + u'39*x,

u'14*x'56 + u'48*x'52 + u'28*x'50 + u'21*x'49 + u'27*x'48 + u'16*x'44 + u'49*x'42 + u'57*x'41 + u'51*x'40 + u'6*x'38 + u'2*x'37 + u'48*x'36 + u'51*x'35 + u'20*x'34 + u'44*x'33 + u'19*x'32 + u'60*x'28 + u'54*x'26 + u'40*x'25 + u'39*x'24 + u'15*x'22 + u'42*x'21 + u'22*x'20 + u'28*x'19 + u'26*x'18 + u'51*x'17 + u'23*x'16 + u'43*x'14 + u'30*x'13 + u'56*x'12 + u'39*x'11 + u'4*x'10 + u'12*x'9 + u'29*x'8 + u'5*x'7 + u'28*x'6 + u'2*x'5 + u'51*x'4 + u'51*x'3 + u'10*x'2 + u'25*x,

u'58*x'60 + u'39*x'58 + u'25*x'57 + u'17*x'56 + u'19*x'54 + u'50*x'53 + u'22*x'52 + u'22*x'51 + u'62*x'50 + u'38*x'49 + u'52*x'48 + u'15*x'46 + u'10*x'45 + u'59*x'44 + u'9*x'43 + u'58*x'42 + u'46*x'41 + u'32*x'40 + u'16*x'39 + u'56*x'38 + u'50*x'37 + u'55*x'36 + u'51*x'35 + u'29*x'34 + u'43*x'33 + u'43*x'32 + u'43*x'30 + u'2*x'29 + u'46*x'28 + u'55*x'27 + u'33*x'26 + u'48*x'25 + u'7*x'24 + u'53*x'23 + u'13*x'22 + u'12*x'21 + u'12*x'20 + u'13*x'19 + u'38*x'18 + u'20*x'17 + u'45*x'16 + u'4*x'15 + u'40*x'14 + u'42*x'13 + u'35*x'12 + u'9*x'11 + u'21*x'10 + u'43*x'9 + u'56*x'8 + u'58*x'7 + u'16*x'6 + u'20*x'5 + u'62*x'4 + u'13*x'3 + u'6*x'2 + u'49*x,

u'58*x'60 + u'39*x'58 + u'25*x'57 + u'6*x'56 + u'19*x'54 + u'50*x'53 + u'21*x'52 + u'22*x'51 + u'16*x'50 + u'44*x'49 + u'50*x'48 + u'15*x'46 + u'10*x'45 + u'13*x'44 + u'9*x'43 + u'16*x'42 + u'36*x'41 + u'29*x'40 + u'16*x'39 + u'18*x'38 + u'7*x'37 + u'10*x'36 + u'18*x'35 + u'20*x'34 + u'18*x'33 + u'10*x'32 + u'2*x'29 + u'46*x'28 + u'55*x'27 + u'50*x'26 + u'24*x'25 + u'50*x'24 + u'53*x'23 + u'52*x'22 + u'7*x'21 + u'22*x'20 + u'20*x'19 + u'57*x'18 + u'20*x'17 + u'57*x'16 + u'4*x'15 + u'48*x'14 + u'21*x'13 + u'16*x'12 + u'14*x'11 + x'10 + u'26*x'9 + u'25*x'8 + u'53*x'7 + u'23*x'6 + u'14*x'5 + u'14*x'4 + u'61*x'3 + u'33*x'2 + u'34*x,

x'56 + u'35*x'52 + u'37*x'50 + u'37*x'48 + u'24*x'44 + u'27*x'42 + u'42*x'41 + u'23*x'40 + u'10*x'38 + u'47*x'37 + u'19*x'36 + u'8*x'35 + u'18*x'34 + u'36*x'33 + u'6*x'32 + u'34*x'28 + u'53*x'26 + u'27*x'25 + u'48*x'24 + u'60*x'22 + u'55*x'21 + u'36*x'20 + u'59*x'19 + u'26*x'18 + u'18*x'17 + u'36*x'16 + u'2*x'14 + u'27*x'13 + u'20*x'12 + u'26*x'11 + u'20*x'10 + u'59*x'9 + u'38*x'8 + u'23*x'7 + u'31*x'6 + u'2*x'5 + u'5*x'4 + u'21*x'3 + u'44*x'2 + u'54*x,

u'12*x'60 + u'56*x'58 + u'42*x'57 + u'22*x'56 + u'36*x'54 + u'4*x'53 + u'50*x'52 + u'39*x'51 + u'23*x'50 + u'28*x'49 + u'40*x'48 + u'32*x'46 + u'27*x'45 + u'10*x'44 + u'26*x'43 + u'46*x'42 + u'18*x'41 + u'5*x'40 + u'33*x'39 + u'40*x'38 + u'61*x'37 + u'46*x'36 + u'26*x'35 + u'36*x'34 + u'46*x'33 + u'6*x'32 + u'60*x'30 + u'19*x'29 + u'38*x'28 + u'9*x'27 + u'56*x'26 + u'6*x'25 + u'44*x'24 + u'7*x'23 + u'16*x'22 + u'34*x'21 + u'35*x'20 + u'20*x'19 + u'12*x'18 + u'25*x'17 + u'14*x'16 + u'21*x'15 + u'44*x'14 + u'28*x'13 + u'57*x'12 + u'34*x'11 + u'24*x'10 + u'30*x'9 + u'55*x'8 + u*x'7 + u'57*x'6 + u'42*x'5 + u'58*x'4 + u'30*x'3 + u'3*x'2 + u'55*x,

u'58*x'56 + u'4*x'52 + u'34*x'50 + u'22*x'49 + u'8*x'48 + u'3*x'44 + u'30*x'42 + u'16*x'41 + u'40*x'40 + u'37*x'38 + u'36*x'37 + u'57*x'36 + u'4*x'35 + u'53*x'34 + u'19*x'33 + u'57*x'32 + u'6*x'28 + u'35*x'26 + u'35*x'25 + u*x'24 + u'31*x'22 + u'15*x'21 + u'33*x'20 + u'49*x'19 + u'12*x'18 + u'42*x'17 + u'4*x'16 + u'30*x'14 + u'2*x'13 + u'22*x'12 + u'28*x'11 + u'31*x'10 + u'29*x'9 + u'14*x'8 + u'38*x'7 + u'44*x'6 + u'9*x'5 + u'46*x'4 + u'47*x'3 + u'27*x'2,

u'34*x'60 + u'15*x'58 + u*x'57 + u'49*x'56 + u'58*x'54 + u'26*x'53 + u'24*x'52 + u'61*x'51 + u'48*x'50 + u'24*x'49 + u'59*x'48 + u'54*x'46 + u'49*x'45 + u'47*x'44 + u'48*x'43 + u'40*x'42 + u'48*x'41 + u'62*x'40 + u'55*x'39 + u'24*x'38 + u'2*x'37 + u'49*x'36 + u'26*x'34 + u'33*x'33 + u'52*x'32 + u'19*x'30 + u'41*x'29 + u'42*x'28 + u'31*x'27 + u'49*x'26 + u'32*x'25 + u'3*x'24 + u'29*x'23 + u'50*x'22 + u'34*x'21 + u'62*x'20 + u'35*x'19 + u'20*x'18 + u'57*x'17 + u'44*x'16 + u'43*x'15 + u'8*x'14 + u'58*x'13 + u'22*x'12 + u'49*x'11 + u'10*x'10 + u'55*x'9 + u'2*x'8 + u'49*x'7 + u'47*x'6 + u'5*x'5 + u'53*x'4 + u'8*x'3 + u'31*x'2 + u'36*x,

u'55*x'60 + u'36*x'58 + u'22*x'57 + u'41*x'56 + u'16*x'54 + u'47*x'53 + u*x'52 + u'19*x'51 + u'35*x'50 + u'8*x'49 + u*x'48 + u'12*x'46 + u'7*x'45 + u'43*x'44 + u'6*x'43 + u'37*x'42 + u'11*x'41 + u'25*x'40 + u'13*x'39 + u'18*x'38 + u'55*x'37 + u'16*x'36 + u'39*x'35 + u'57*x'34 + u*x'33 + u'50*x'32 + u'40*x'30 + u'62*x'29 + u'31*x'28 + u'52*x'27 + u'18*x'26 + u'5*x'25 + u'12*x'24 + u'50*x'23 + u'54*x'22 + u'27*x'21 + u'34*x'20 + u'55*x'19 + u'10*x'18 + u'30*x'17 + u'37*x'16 + u*x'15 + u'7*x'14 + u'28*x'13 + u'53*x'12 + u'14*x'10 + u'30*x'9 + u'30*x'8 + u'6*x'7 + u'61*x'6 + u'21*x'5 + u'24*x'4 + u'5*x'3 + u'41*x'2 + u'44*x,

u'24*x'56 + u'37*x'52 + u'2*x'50 + u'49*x'49 + u'37*x'48 + u'31*x'44 + u'26*x'42 + u'60*x'41 + u'55*x'40 + u'5*x'38 + u'35*x'37 + u'59*x'36 + u'46*x'35 + u'47*x'34 + u'40*x'33 + u'37*x'32 + u'38*x'28 + u'45*x'26 + u'6*x'25 + u'33*x'24 + u'6*x'23 + u'33*x'22 + u'53*x'21 + u'8*x'20 + u'18*x'19 + u'62*x'18 + u'44*x'17 + u'56*x'16 + u'12*x'14 + u'32*x'13 + u'22*x'12 + u'51*x'11 + u'62*x'10 + u'12*x'9 + u'27*x'8 + u'26*x'7 + u'9*x'6 + u'10*x'5 + u'7*x'4 + u'10*x'3 + u'60*x'2 + u'34*x,

u'35*x'56 + u'46*x'52 + u'14*x'50 + u'12*x'49 + u'46*x'48 + u'30*x'44 + u'35*x'42 + u'43*x'41 + u'6*x'40 + u'15*x'37 + u'17*x'36 + u'57*x'35 + u'12*x'34 + u'50*x'33 + u'8*x'32 + u'59*x'28 + u'15*x'26 + u'14*x'25 + u'57*x'24 + u'43*x'22 + u'37*x'21 + u'8*x'20 + u'18*x'19 + u'5*x'18 + u'35*x'17 + u'42*x'16 + u'44*x'14 + u'19*x'13 + u'39*x'12 + u'11*x'11 + u'56*x'10 + u'19*x'9 + u'27*x'8 + u'60*x'7 + u'60*x'6 + u'25*x'5 + u'55*x'4 + u'46*x'3 + u'39*x'2 + u'61*x,

u'12*x'60 + u'56*x'58 + u'42*x'57 + u'30*x'56 + u'36*x'54 + u'4*x'53 + u'8*x'52 + u'39*x'51 + u'38*x'50 + u'61*x'49 + u'16*x'48 + u'32*x'46 + u'27*x'45 + u'43*x'44 + u'26*x'43 + u'54*x'42 + u'46*x'41 + u'15*x'40 + u'33*x'39 + u'55*x'38 + u'8*x'37 + u'12*x'36 + u'5*x'35 + u'26*x'34 + u'51*x'33 + u'54*x'32 + u'60*x'30 + u'19*x'29 + u'19*x'28 + u'9*x'27 + u'55*x'26 + u'52*x'25 + u'55*x'24 + u'7*x'23 + u'56*x'22 + u'42*x'21 + u'47*x'20 + u'47*x'19 + u'8*x'18 + u'54*x'17 + u'27*x'16 + u'21*x'15 + u'5*x'14 + u'25*x'13 + u'44*x'12 + u'56*x'11 + u'32*x'10 + u'9*x'9 + u'58*x'8 + u'58*x'7 + u'61*x'6 + u'18*x'5 + u'38*x'4 + u'37*x'3 + u'11*x'2 + u'31*x,

u'30*x'56 + u'35*x'52 + u'10*x'50 + u'25*x'49 + u'5*x'48 + u'50*x'44 + u'34*x'42 + u*x'41 + u'32*x'40 + u'11*x'38 + u'34*x'37 + u'7*x'36 + u'27*x'35 + u'50*x'34 + u'25*x'33 + u'24*x'32 + u'57*x'28 + u'17*x'26 + u'32*x'25 + u'39*x'24 + u'56*x'22 + u'8*x'21 + u'27*x'20 + u'28*x'18 + u'4*x'17 + u'42*x'16 + u*x'14 + u'47*x'13 + u'18*x'12 + u'9*x'11 + u'5*x'10 + u'50*x'9 + u'60*x'8 + u'32*x'7 + u'37*x'6 + u'50*x'5 + u'61*x'4 + u'19*x'3 + u'24*x'2 + u'50*x,

u'12*x'60 + u'56*x'58 + u'42*x'57 + u'30*x'56 + u'36*x'54 + u'4*x'53 + u'54*x'52 + u'39*x'51 + u'29*x'50 + u'53*x'49 + u*x'48 + u'32*x'46 + u'27*x'45 + u'36*x'44 + u'26*x'43 + u'15*x'42 + u'12*x'41 + u'23*x'40 + u'13*x'39 + u'20*x'38 + u'36*x'36 + u*x'35 + u'34*x'34 + u'7*x'33 + u'38*x'32 + u'38*x'30 + u'19*x'29 + u'52*x'18 + u'44*x'17 + u'33*x'16 + u'22*x'15 + u'24*x'14 + u'26*x'13 + u'2*x'12 + u'49*x'11 + u'33*x'10 + u'47*x'8 + u'31*x'7 + u'13*x'6 + u'4*x'5 + u'58*x'4 + u'19*x'3 + u'7*x'2 + u'7*x,

u'53*x'60 + u'34*x'58 + u'20*x'57 + u'30*x'56 + u'14*x'54 + u'45*x'53 + u'47*x'52 + u'17*x'51 + u'30*x'50 + u'37*x'49 + u'5*x'48 + u'10*x'46 + u'5*x'45 + u'20*x'44 + u'4*x'43 + u'6*x'42 + u'10*x'41 + u'16*x'40 + u'11*x'39 + u'19*x'38 + u'36*x'37 + u'19*x'36 + u*x'35 + u'34*x'34 + u'7*x'33 + u'38*x'32 + u'38*x'30 + u'23*x'28 + u'9*x'27 + u'51*x'26 + u'9*x'25 + u'25*x'24 + u'48*x'23 + u'27*x'22 + u'2*x'21 + u'2*x'20 + u'2*x'19 + u'48*x'18 + u'43*x'17 + u'39*x'16 + u'62*x'15 + u'12*x'14 + u'22*x'13 + u'16*x'12 + u'40*x'11 + u'61*x'10 + u'25*x'9 + u'61*x'8 + u'24*x'7 + u'31*x'6 + u'14*x'5 + u'18*x'4 + u'18*x'3 + u'61*x,

u'18*x'56 + u'32*x'52 + u'16*x'50 + u'33*x'48 + u'38*x'44 + u'44*x'42 + u'33*x'41 + u'41*x'40 + u'26*x'38 + u'38*x'37 + u'57*x'36 + u'62*x'35 + u'35*x'34 + u'8*x'33 + u'43*x'32 + u'53*x'28 + u'26*x'26 + u'60*x'25 + u'60*x'24 + u'59*x'23 + u'7*x'22 + u'57*x'21 + u'54*x'20 + u'19*x'19 + u'52*x'18 + u'3*x'17 + u'38*x'16 + u'22*x'14 + u'40*x'13 + u'58*x'12 + u'40*x'11 + u'61*x'10 + u'18*x'8 + u'18*x'7 + u'62*x'6 + u*x'5 + u'61*x'4 + u'15*x'3 + u'21*x'2 + u'30*x,

u'8*x'56 + u'24*x'50 + u'29*x'49 + u'46*x'48 + u'9*x'44 + u'57*x'42 + u'53*x'41 + u'17*x'40 + u'35*x'38 + u'60*x'37 + u'45*x'36 + u'2*x'35 + u'31*x'34 + u'19*x'33 + u'23*x'32 + u'52*x'28 + u'28*x'26 + u'17*x'25 + u'40*x'24 + u'42*x'22 + u'50*x'21 + u'61*x'20 + u'35*x'19 + u'13*x'18 + u'43*x'17 + u'8*x'16 + u'7*x'14 + u'19*x'13 + u'23*x'12 + u'54*x'11 + u'10*x'10 + u'13*x'9 + u'6*x'8 + u'21*x'7 + u'3*x'6 + u'7*x'5 + u'51*x'4 + u'25*x'3 + u'17*x,

$u^7x^56 + u^17x^52 + u^59x^50 + u^39x^49 + u^46x^48 + u^56x^44 + u^17x^42 + u^26x^41 + u^58x^40 + u^51x^38 + u^27x^37 + u^50x^36 + u^16x^35 + u^11x^34 + u^10x^33 + u^18x^32 + u^22x^28 + u^6x^26 + u^39x^25 + u^54x^24 + u^20x^22 + u^47x^21 + u^15x^20 + u^28x^19 + u^14x^18 + u^13x^17 + u^9x^16 + ux^14 + u^7x^13 + ux^12 + u^28x^11 + u^19x^10 + u^41x^9 + u^20x^8 + u^19x^7 + u^50x^6 + u^24x^5 + u^13x^4 + u^41x^3 + u^45x^2 + u^7x,$

$u^27x^56 + u^19x^52 + u^59x^50 + u^40x^49 + u^27x^48 + u^44x^44 + u^25x^42 + u^57x^41 + u^2x^40 + x^38 + u^10x^37 + u^15x^36 + u^52x^35 + u^8x^34 + u^42x^33 + u^20x^32 + u^59x^28 + x^26 + u^60x^25 + u^5x^24 + u^39x^22 + u^33x^21 + u^13x^20 + u^31x^19 + u^7x^18 + u^54x^17 + u^13x^16 + u^25x^14 + u^30x^13 + ux^12 + u^16x^11 + u^41x^10 + u^31x^9 + u^57x^8 + u^34x^7 + u^31x^6 + u^22x^5 + u^5x^4 + u^3x^3 + u^61x^2 + x,$

$u^31x^60 + u^12x^58 + u^61x^57 + u^41x^56 + u^55x^54 + u^23x^53 + u^43x^52 + u^58x^51 + u^24x^50 + u^40x^49 + u^4x^48 + u^51x^46 + u^46x^45 + u^34x^44 + u^45x^43 + u^39x^42 + u^35x^41 + u^13x^40 + u^52x^39 + u^15x^38 + u^49x^37 + u^38x^36 + u^2x^35 + u^40x^34 + u^33x^33 + u^11x^32 + u^16x^30 + u^38x^29 + u^60x^28 + u^28x^27 + u^19x^26 + u^8x^25 + u^30x^24 + u^26x^23 + u^51x^22 + u^34x^21 + u^30x^20 + u^60x^19 + u^11x^18 + u^34x^17 + u^16x^16 + u^40x^15 + u^11x^14 + u^8x^13 + u^9x^12 + u^15x^11 + u^19x^10 + u^59x^9 + u^61x^8 + u^37x^7 + u^59x^6 + u^19x^5 + u^52x^4 + u^36x^3 + u^7x^2 + u^47x,$

$u^9x^56 + u^43x^52 + u^18x^50 + u^52x^49 + u^15x^48 + u^19x^44 + u^35x^42 + u^20x^41 + u^5x^40 + ux^38 + u^62x^37 + u^25x^36 + u^33x^35 + u^44x^34 + u^4x^33 + u^3x^32 + u^8x^28 + u^26x^26 + u^23x^25 + u^38x^24 + u^23x^22 + u^5x^21 + u^46x^20 + u^34x^19 + u^43x^18 + ux^17 + u^41x^16 + u^41x^14 + u^23x^13 + u^59x^12 + u^15x^11 + u^55x^10 + u^44x^9 + u^44x^7 + u^53x^6 + u^34x^5 + u^14x^4 + u^48x^3 + u^22x^2 + u^27x,$

$u^35x^60 + u^16x^58 + u^2x^57 + u^39x^56 + u^59x^54 + u^27x^53 + u^49x^52 + u^62x^51 + u^13x^49 + u^4x^48 + u^55x^46 + u^50x^45 + u^4x^44 + u^49x^43 + u^46x^42 + u^47x^41 + u^28x^40 + u^56x^39 + u^37x^38 + u^29x^37 + u^48x^36 + u^33x^35 + u^21x^34 + u^37x^33 + u^55x^32 + u^20x^30 + u^42x^29 + u^46x^28 + u^32x^27 + u^19x^26 + u^3x^25 + u^15x^24 + u^30x^23 + u^39x^22 + u^25x^21 + u^7x^20 + u^33x^19 + u^42x^18 + u^23x^17 + u^62x^16 + u^44x^15 + u^49x^14 + u^40x^13 + u^43x^12 + u^15x^11 + u^41x^10 + u^23x^9 + u^41x^8 + ux^7 + u^19x^6 + u^50x^5 + u^47x^4 + u^52x^3 + u^25x^2 + u^45x,$

$u^31x^56 + u^22x^52 + u^37x^50 + u^12x^49 + u^59x^48 + u^51x^44 + u^48x^42 + u^4x^41 + u^13x^40 + u^58x^38 + u^18x^37 + u^22x^36 + u^32x^35 + u^37x^34 + u^18x^33 + u^33x^32 + u^43x^28 + u^58x^26 + u^10x^24 + u^10x^22 + u^45x^22 + x^21 + u^6x^20 + u^6x^19 + x^18 + u^43x^17 + u^7x^16 + u^16x^14 + u^10x^13 + u^36x^12 + u^37x^11 + u^21x^10 + u^25x^9 + u^48x^7 + u^13x^6 + u^37x^5 + u^40x^4 + u^19x^3 + u^6x^2 + u^35x,$

$ux^56 + u^38x^52 + u^43x^50 + u^55x^49 + u^26x^48 + u^19x^44 + u^31x^42 + u^57x^41 + u^7x^40 + u^23x^38 + u^15x^37 + u^54x^36 + u^60x^35 + u^29x^34 + u^49x^33 + u^40x^32 + u^24x^28 + u^26x^26 + u^44x^25 + u^30x^24 + u^17x^22 + u^3x^21 + u^26x^20 + u^9x^19 + u^45x^18 + u^56x^17 + u^26x^16 + u^47x^14 + u^62x^13 + u^21x^12 + u^13x^11 + u^40x^10 + u^57x^9 + u^25x^8 + u^23x^7 + u^51x^6 + u^17x^5 + u^45x^4 + u^17x^3 + u^25x^2 + u^60x,$

$u^31x^60 + u^12x^58 + u^61x^57 + u^20x^56 + u^55x^54 + u^23x^53 + u^24x^52 + u^58x^51 + u^50x^50 + u^12x^49 + u^8x^48 + u^51x^46 + u^46x^45 + u^37x^44 + u^45x^43 + u^52x^42 + u^2x^41 + u^59x^40 + u^52x^39 + u^49x^38 + u^36x^37 + u^37x^36 + u^28x^35 + u^35x^34 + u^34x^33 + u^62x^32 + u^16x^30 + u^38x^29 + u^50x^28 + u^28x^27 + u^38x^26 + u^22x^25 + u^9x^24 + u^26x^23 + u^44x^22 + u^51x^21 + u^26x^20 + u^11x^19 + u^56x^18 + u^5x^17 + u^43x^16 + u^40x^15 + u^3x^14 + u^61x^13 + u^37x^12 + u^44x^11 + u^50x^10 + u^25x^9 + u^59x^8 + u^33x^7 + u^25x^6 + u^30x^5 + u^51x^4 + u^21x^3 + u^21x^2 + u^56x^2 + u^29x,$

$u^59x^56 + u^28x^52 + u^62x^50 + u^14x^49 + u^8x^48 + u^9x^44 + u^24x^42 + u^27x^41 + u^41x^40 + u^20x^38 + u^49x^37 + u^61x^36 + u^4x^35 + u^54x^34 + u^17x^33 + u^27x^32 + u^30x^28 + u^10x^26 + u^62x^25 + u^30x^24 + u^46x^22 + u^37x^21 + u^5x^20 + u^13x^19 + u^29x^18 + ux^17 + u^11x^16 + u^57x^14 + u^10x^13 + u^18x^12 + u^12x^11 + u^31x^10 + u^45x^9 + u^37x^8 + u^18x^7 + u^54x^6 + u^12x^5 + u^35x^4 + u^29x^3 + u^7x^2 + u^8x$

];

Function:

$u^34x^6 + u^52x^9 + u^48x^12 + u^6x^20 + u^9x^33 + u^23x^34 + u^25x^40,$

#EA—Classes: 91

Degrees: {* 2, 3**66, 4**24 *}

Representatives:

[

$u^48x^56 + u^6x^52 + u^9x^50 + u^7x^49 + u^8x^48 + u^23x^44 + u^26x^42 + u^22x^41 + u^7x^40 + u^49x^38 + u^4x^37 + u^2x^36 + u^33x^35 + u^44x^34 + u^44x^33 + u^12x^32 + u^59x^28 + u^58x^26 + u^18x^25 + u^57x^24 + u^8x^22 + u^44x^21 + u^29x^20 + u^39x^19 + u^14x^18 + u^25x^17 + u^9x^16 + u^37x^14 + u^30x^13 + u^15x^12 + u^37x^11 + u^35x^10 + u^8x^9 + u^24x^8 + u^48x^7 + u^12x^6 + u^58x^5 + u^34x^4 + u^41x^3 + u^26x^2,$

$u^2x^56 + u^47x^52 + u^13x^50 + u^56x^49 + u^46x^48 + u^13x^44 + u^55x^42 + u^33x^41 + u^38x^40 + u^37x^38 + u^24x^37 + u^16x^36 + u^5x^35 + u^10x^34 + u^36x^33 + u^35x^32 + u^15x^28 + u^49x^26 + u^42x^25 + u^13x^24 + u^61x^22 + u^14x^21 + u^55x^20 + u^28x^19 + u^53x^18 + u^30x^17 + u^47x^16 + u^12x^14 + u^29x^13 + u^40x^12 + u^43x^11 + u^32x^10 + u^59x^9 + u^53x^8 + u^52x^7 + u^22x^6 + u^25x^5 + u^5x^4 + u^12x^3 + u^3x^2 + u^38x,$

$u^58x^56 + u^33x^52 + u^6x^50 + u^45x^49 + u^38x^48 + u^7x^44 + u^17x^42 + u^38x^41 + u^17x^40 + u^37x^38 + u^44x^37 + u^16x^36 + u^56x^35 + u^53x^34 + u^8x^33 + u^21x^32 + u^18x^28 + u^60x^26 + u^60x^25 + u^15x^24 + u^30x^22 + u^42x^21 + u^29x^20 + u^42x^19 + u^47x^18 + u^35x^17 + u^22x^16 + u^33x^14 + u^2x^13 + u^40x^12 + u^32x^11 + u^61x^10 + u^43x^9 + u^42x^8 + u^27x^7 + u^57x^6 + u^10x^5 + u^30x^4 + u^27x^3 + u^44x^2 + u^18x,$

$u^5x^56 + u^26x^52 + u^42x^50 + u^18x^49 + u^62x^48 + u^45x^44 + u^8x^42 + u^11x^41 + u^37x^40 + u^8x^38 + u^25x^37 + u^24x^36 + u^8x^35 + u^37x^34 + u^14x^33 + u^42x^32 + u^33x^28 + u^16x^26 + u^12x^25 + u^53x^24 + u^39x^22 + u^20x^21 + u^34x^20 + u^33x^19 + u^52x^18 + u^47x^16 + u^30x^13 + u^51x^12 + u^6x^11 + u^19x^10 + u^31x^9 + u^58x^8 + u^9x^7 + u^26x^6 + u^52x^5 + u^19x^4 + u^30x^3 + u^13x^2 + u^12x,$

$u^44x^56 + u^37x^52 + u^53x^50 + u^27x^49 + u^56x^48 + u^34x^44 + u^46x^42 + u^45x^41 + u^17x^40 + ux^38 + u^30x^37 + u^61x^36 + u^27x^35 + u^7x^34 + u^29x^33 + u^42x^32 + u^14x^28 + u^13x^26 + u^50x^25 + u^61x^24 + u^15x^22 + u^35x^21 + u^20x^20 + u^59x^19 + u^40x^18 + u^55x^17 + u^41x^16 + u^28x^14 + u^9x^13 + u^40x^12 + u^13x^11 + u^27x^10 + u^52x^9 + u^13x^8 + u^18x^7 + u^25x^6 + u^10x^5 + u^40x^4 + u^20x^3 + u^19x^2 + u^27x,$

$ux^60 + u^45x^58 + u^31x^57 + u^29x^56 + u^25x^54 + u^56x^53 + u^46x^52 + u^28x^51 + ux^50 + u^32x^49 + u^6x^48 + u^21x^46 + u^16x^45 + u^38x^44 + u^15x^43 + u^35x^42 + u^19x^41 + u^19x^40 + u^22x^39 + u^36x^38 + u^20x^37 + u^21x^36 + u^34x^35 + u^26x^34 + u^18x^33 + u^40x^32 + u^49x^30 + u^8x^29 + u^29x^28 + u^61x^27 + u^28x^26 + u^56x^25 + u^58x^24 + u^59x^23 + u^30x^22 + u^14x^21 + u^7x^20 + u^47x^19 + u^24x^18 + u^8x^17 + u^53x^16 + u^10x^15 + u^2x^14 + u^2x^13 + u^55x^12 + u^54x^11 + u^36x^10 + u^24x^9 + u^12x^8 + u^29x^7 + u^22x^6 + u^30x^5 + u^32x^4 + u^13x^3 + u^36x^2 + u^59x,$

$u^2x^56 + u^40x^52 + u^56x^50 + u^12x^49 + u^11x^48 + u^44x^44 + u^48x^42 + u^53x^41 + u^46x^40 + u^12x^38 + u^34x^37 + u^46x^36 + u^60x^35 + u^43x^34 + u^18x^33 + u^51x^32 + u^9x^28 + u^18x^26 + ux^25 + u^16x^24 + u^6x^21 + u^57x^20 + u^50x^19 + u^15x^18 + u^38x^17 + u^51x^16 + u^21x^14 + u^26x^13 + u^43x^12 + u^41x^11 + u^17x^10 + u^48x^9 + u^15x^8 + u^26x^7 + u^53x^6 + u^23x^5 + u^8x^4 + u^34x^3 + u^20x^2 + u^59x,$

$u^8x^56 + u^3x^52 + u^39x^50 + u^49x^49 + u^47x^48 + u^4x^44 + u^25x^42 + u^32x^41 + u^29x^40 + u^12x^38 + u^50x^37 + u^5x^36 + u^44x^35 + u^7x^34 + ux^33 + u^30x^32 + u^21x^28 + u^7x^26 + u^3x^25 + u^53x^24 + u^32x^22 + u^40x^21 + u^42x^20 + u^15x^19 + u^61x^18 + u^51x^17 + u^34x^16 + u^9x^14 + u^40x^13 + u^20x^12 + u^55x^11 + u^16x^10 + u^62x^9 + u^47x^8 + u^38x^7 + u^10x^6 + u^6x^5 + u^31x^4 + u^36x^3 + u^54x^2 + u^2x,$

$u^10x^56 + u^61x^52 + u^60x^50 + u^4x^49 + u^35x^48 + ux^44 + u^41x^42 + u^4x^41 + u^26x^40 + u^13x^38 + u^8x^37 + u^11x^36 + u^61x^35 + u^49x^34 + u^18x^33 + u^9x^32 + u^6x^28 + u^14x^26 + u^57x^25 + u^13x^24 + u^29x^22 + u^14x^21 + u^26x^20 + u^28x^19 + u^8x^18 + u^50x^17 + u^39x^16 + u^52x^14 + u^8x^13 + u^10x^12 + u^44x^11 + u^42x^10 + u^13x^9 + u^52x^8 + u^13x^7 + u^62x^6 + u^41x^5 + u^52x^4 + u^59x^3 + u^51x^2 + u^32x,$

$u^34x^56 + u^26x^52 + u^21x^50 + u^58x^49 + u^39x^48 + u^45x^44 + u^31x^42 + u^39x^41 + u^27x^38 + u^54x^37 + u^48x^36 + u^15x^35 + u^60x^34 + u^52x^33 + u^44x^32 + u^25x^28 + u^56x^26 + x^25 + u^58x^24 + u^37x^22 + u^40x^21 + u^19x^20 + u^26x^19 + u^38x^17 + u^16x^16 + u^32x^14 + u^58x^13 + u^43x^12 + u^31x^11 + ux^10 + u^58x^9 + u^57x^8 + u^57x^7 + u^55x^6 + u^20x^5 + u^31x^4 + u^6x^3 + u^22x^2,$

$u^62x^60 + u^43x^58 + u^29x^57 + u^19x^56 + u^23x^54 + u^54x^53 + u^11x^52 + u^26x^51 + u^26x^50 + u^26x^49 + u^58x^48 + u^19x^46 + u^14x^45 + u^2x^44 + u^13x^43 + u^54x^42 + u^43x^41 + u^29x^40 + u^20x^39 + u^20x^38 + x^37 + u^12x^36 + u^12x^35 + u^50x^34 + u^32x^33 + u^15x^32 + u^47x^30 + u^6x^29 + u^35x^28 + u^59x^27 + u^3x^26 + u^8x^25 + u^2x^24 + u^57x^23 + u^22x^22 + u^36x^21 + u^27x^20 + u^38x^19 + u^26x^18 + u^32x^17 + u^57x^16 + u^8x^15 + u^13x^14 + u^36x^13 + u^20x^12 + u^42x^11 + u^3x^10 + u^20x^9 + u^51x^8 + u^45x^7 + u^47x^6 + u^21x^5 + u^21x^4 + u^8x^3 + u^40x^2 + u^22x,$

$u^43x^56 + u^22x^52 + u^4x^50 + u^41x^49 + u^21x^48 + u^25x^44 + u^36x^42 + ux^41 + u^38x^40 + u^37x^38 + u^32x^37 + u^54x^36 + u^47x^35 + u^53x^34 + u^62x^33 + u^44x^32 + u^3x^28 + u^53x^26 + u^39x^25 + x^24 + u^26x^22 + u^2x^21 + u^49x^20 + u^19x^19 + u^22x^18 + u^23x^17 + u^18x^16 + u^7x^14 + u^23x^13 + u^44x^12 + u^38x^11 + u^20x^10 + u^50x^9 + u^40x^8 + u^21x^7 + u^62x^6 + u^47x^5 + u^5x^4 + u^43x^3 + u^28x^2 + u^33x,$

$u^50x^60 + u^31x^58 + u^17x^57 + u^18x^56 + u^11x^54 + u^42x^53 + u^48x^52 + u^14x^51 + u^61x^50 + u^61x^49 + u^10x^48 + u^7x^46 + u^2x^45 + u^40x^44 + ux^43 + u^26x^42 +$

u'53*x'41 + u'8*x'40 + u'8*x'39 + u'35*x'38 + u'40*x'37 + u'4*x'36 + u'53*x'35 + u'55*x'34 + u'47*x'33 + u'32*x'32 + u'35*x'30 + u'57*x'29 + u'22*x'28 + u'47*x'27 + u'49*x'26 + u'57*x'25 + u'27*x'24 + u'45*x'23 + u'15*x'22 + u*x'21 + u'52*x'20 + u'48*x'19 + u'10*x'18 + u'32*x'17 + u'60*x'16 + u'59*x'15 + u'49*x'14 + u'9*x'13 + u'24*x'12 + u'13*x'10 + u'53*x'9 + u'62*x'8 + u'10*x'7 + u'45*x'6 + u'5*x'5 + u'52*x'4 + u'8*x'3 + u'14*x'2 + u'55*x,

u'55*x'56 + u'15*x'52 + u'35*x'50 + u'38*x'49 + u'17*x'48 + u'22*x'44 + u'28*x'42 + u'41*x'41 + u'30*x'40 + u'38*x'38 + u'4*x'37 + x'36 + u'61*x'35 + u'61*x'34 + u'23*x'33 + u'56*x'32 + u'43*x'28 + u'6*x'26 + u'17*x'25 + u'49*x'22 + u'42*x'21 + u'7*x'20 + u'59*x'19 + u'30*x'18 + u'35*x'17 + u'45*x'16 + u'48*x'14 + u'2*x'13 + u'56*x'12 + u'13*x'11 + u'48*x'10 + u'3*x'9 + u'33*x'8 + u'15*x'7 + u'22*x'6 + u'58*x'5 + u'32*x'4 + u'12*x'3 + u'46*x'2 + u'39*x,

u*x'60 + u'45*x'58 + u'31*x'57 + u'57*x'56 + u'25*x'54 + u'56*x'53 + u'36*x'52 + u'28*x'51 + u'32*x'50 + u'55*x'49 + u'7*x'48 + u'21*x'46 + u'16*x'45 + u'32*x'44 + u'15*x'43 + u'55*x'41 + u'28*x'40 + u'22*x'39 + u'51*x'38 + u'48*x'36 + u'30*x'35 + u'44*x'34 + u'9*x'33 + u'5*x'32 + u'49*x'30 + u'8*x'29 + u'50*x'28 + u'61*x'27 + u'23*x'26 + u'61*x'25 + u'4*x'24 + u'59*x'23 + u'61*x'22 + u'20*x'21 + u'34*x'20 + u'38*x'19 + u'15*x'18 + u*x'17 + u'32*x'16 + u'10*x'15 + u'2*x'14 + u'24*x'13 + u'52*x'12 + u'31*x'11 + u'14*x'10 + u'44*x'9 + u'15*x'8 + u'31*x'7 + u'31*x'6 + u'36*x'5 + u'33*x'4 + u'30*x'3 + u'62*x'2,

u'11*x'60 + u'55*x'58 + u'41*x'57 + x'56 + u'35*x'54 + u'3*x'53 + u'9*x'52 + u'38*x'51 + u'17*x'50 + u'49*x'49 + u'20*x'48 + u'31*x'46 + u'26*x'45 + u'55*x'44 + u'25*x'43 + u'56*x'42 + u'19*x'41 + u'42*x'40 + u'32*x'39 + u'31*x'38 + u'9*x'37 + u'34*x'36 + u'60*x'35 + u'38*x'34 + u'8*x'33 + u'41*x'32 + u'59*x'30 + u'18*x'29 + u'10*x'28 + u'8*x'27 + u'18*x'26 + x'25 + u'38*x'24 + u'6*x'23 + u'6*x'22 + u'47*x'21 + u'44*x'20 + u'5*x'19 + u'8*x'18 + u'59*x'17 + u'18*x'16 + u'20*x'15 + u'10*x'14 + x'12 + u'50*x'11 + u'55*x'10 + u'62*x'9 + u'10*x'8 + u'22*x'7 + u'28*x'6 + u'57*x'5 + u'17*x'4 + u'41*x'3 + u'24*x'2 + u'23*x,

u'8*x'60 + u'52*x'58 + u'38*x'57 + u'2*x'56 + u'32*x'54 + x'53 + u'34*x'52 + u'35*x'51 + u'42*x'50 + u'15*x'49 + u'62*x'48 + u'28*x'46 + u'23*x'45 + u'31*x'44 + u'22*x'43 + u'41*x'42 + u'51*x'41 + u'32*x'40 + u'29*x'39 + u'50*x'38 + u'55*x'37 + u'43*x'35 + u'7*x'34 + u'19*x'33 + u'51*x'32 + u'56*x'30 + u'15*x'29 + u'29*x'28 + u'5*x'27 + u'42*x'26 + u'20*x'25 + u'53*x'24 + u'3*x'23 + u'42*x'22 + u'53*x'21 + u'45*x'20 + u'39*x'19 + u'42*x'18 + u'35*x'17 + u'29*x'16 + u'17*x'15 + u'42*x'14 + u'15*x'13 + u'27*x'12 + u'39*x'11 + u'46*x'10 + u'32*x'9 + u'62*x'8 + u'52*x'7 + u'17*x'6 + u'58*x'5 + u'3*x'4 + u'31*x'3 + u'31*x'2 + u'12*x,

u*x'60 + u'45*x'58 + u'31*x'57 + u'30*x'56 + u'25*x'54 + u'56*x'53 + u'16*x'52 + u'28*x'51 + u'15*x'50 + u'9*x'49 + u'43*x'48 + u'21*x'46 + u'16*x'45 + u'21*x'44 + u'15*x'43 + u'60*x'42 + u'49*x'41 + u'33*x'40 + u'22*x'39 + u'9*x'38 + u'40*x'37 + u'46*x'36 + u'7*x'35 + u'13*x'34 + u'34*x'33 + u'57*x'32 + u'49*x'30 + u'8*x'29 + u'19*x'28 + u'61*x'27 + u'42*x'26 + u'45*x'25 + u'22*x'24 + u'59*x'23 + u'13*x'22 + u'15*x'21 + u'51*x'20 + u'61*x'19 + u'62*x'18 + u'23*x'17 + u'4*x'16 + u'10*x'15 + u'13*x'14 + u'62*x'13 + u'43*x'12 + u'23*x'11 + u'52*x'10 + u'45*x'9 + u'31*x'8 + u'48*x'7 + u'61*x'6 + u'52*x'5 + u'21*x'4 + u'3*x'3 + u'48*x'2 + u'22*x,

u'35*x'56 + u'58*x'52 + u'39*x'50 + u'58*x'49 + u'3*x'48 + u*x'44 + u'37*x'42 + u'9*x'41 + u'56*x'40 + u'46*x'38 + u'39*x'37 + u'61*x'35 + u'39*x'34 + u'37*x'33 + u'43*x'32 + u'46*x'28 + u'62*x'26 + u'49*x'25 + u'39*x'24 + u'5*x'22 + u'12*x'21 + u'2*x'20 + u'50*x'19 + u'49*x'18 + u'61*x'17 + u'25*x'16 + u'43*x'14 + u'10*x'13 + u'23*x'12 + u'45*x'11 + u'54*x'10 + u'60*x'9 + u'51*x'8 + u'11*x'7 + u'50*x'6 + u'58*x'5 + u'13*x'4 + u'52*x'3 + u'3*x'2 + u'46*x,

u'36*x'56 + u'37*x'52 + u'31*x'50 + u'8*x'49 + u'41*x'48 + u'31*x'44 + u'51*x'42 + u'61*x'41 + u'49*x'40 + u'18*x'38 + u'37*x'37 + u'49*x'36 + u'50*x'35 + u'48*x'34 + u'20*x'33 + u'11*x'32 + u'56*x'30 + u'26*x'26 + u'3*x'26 + u'49*x'25 + u'40*x'24 + u'40*x'22 + u'52*x'21 + u'61*x'20 + u'13*x'19 + u'5*x'18 + u'45*x'17 + u'6*x'16 + u'2*x'14 + u'50*x'13 + u'2*x'12 + u'54*x'11 + u'11*x'10 + u'25*x'9 + u'48*x'8 + u'36*x'7 + u'27*x'6 + u'61*x'5 + u'10*x'4 + u'45*x'3 + u'62*x'2 + u'41*x,

u'50*x'56 + u'4*x'52 + u'30*x'50 + u'15*x'49 + u'24*x'48 + u'22*x'44 + u'48*x'42 + u'56*x'41 + u'54*x'40 + u'19*x'38 + u'13*x'37 + u'32*x'36 + u'39*x'35 + u'23*x'34 + u'36*x'33 + u'56*x'32 + u'15*x'28 + u'52*x'26 + u'61*x'25 + u'9*x'24 + u'10*x'22 + u'6*x'21 + u'44*x'20 + u'42*x'19 + u'53*x'18 + u'13*x'17 + u'39*x'16 + u'52*x'14 + u'60*x'13 + u'14*x'12 + u'21*x'11 + u'11*x'10 + u'46*x'9 + u'22*x'8 + u'13*x'7 + u'60*x'6 + u'30*x'5 + u'4*x'4 + u'28*x'3 + u'18*x'2 + u'51*x,

u'11*x'60 + u'55*x'58 + u'41*x'57 + u'22*x'56 + u'35*x'54 + u'3*x'53 + u'5*x'52 + u'38*x'51 + u'32*x'50 + u'59*x'49 + u'17*x'48 + u'31*x'46 + u'26*x'45 + u'42*x'44 + u'25*x'43 + u'40*x'42 + u'27*x'41 + u'28*x'40 + u'32*x'39 + u'2*x'38 + u'47*x'37 + u'15*x'36 + u'4*x'35 + u'52*x'34 + u'61*x'33 + u'59*x'30 + u'18*x'29 + u'52*x'28 + u'8*x'27 + u'15*x'26 + u'33*x'25 + u'39*x'24 + u'6*x'23 + u'34*x'22 + u'58*x'21 + u'21*x'20 + u'16*x'19 + u'11*x'18 + u'21*x'17 + u'28*x'16 + u'20*x'15 + u'38*x'14 + u'35*x'13 + u'42*x'12 + u'44*x'11 + u'31*x'10 + u'33*x'9 + u'21*x'8 + u'6*x'7 + u'34*x'6 + u'58*x'5 + u'51*x'4 + u'4*x'3 + u'58*x'2 + u'13*x,

u'30*x'56 + u'41*x'52 + u'36*x'50 + u'48*x'49 + u'49*x'48 + u'42*x'44 + u'19*x'41 + u'17*x'40 + u'43*x'38 + u'42*x'37 + u'54*x'36 + u'48*x'35 + u'21*x'34 + u'30*x'33 + u'13*x'32 + u'21*x'28 + u'60*x'26 + u'62*x'25 + u'31*x'24 + u'2*x'22 + u'12*x'21 + u'19*x'20 + u'22*x'19 + u'19*x'18 + u'13*x'17 + u'4*x'16 + u'45*x'14 + u'52*x'13 + u'39*x'12 + u'35*x'11 + u'49*x'10 + u'28*x'9 + u'11*x'8 + u'17*x'7 + u'32*x'6 + u'5*x'5 + u'53*x'4 + u'60*x'3 + u'54*x'2 + u'56*x,

u'61*x'56 + u'28*x'52 + u'12*x'50 + u'35*x'49 + u*x'48 + u'33*x'44 + u'48*x'42 + u'43*x'41 + u'53*x'40 + u'5*x'38 + u'20*x'37 + u'32*x'36 + u'36*x'35 + u'38*x'34 + u'52*x'33 + u'45*x'32 + u'8*x'28 + u'2*x'26 + u'17*x'25 + u'48*x'24 + u'17*x'22 + u'46*x'21 + u'41*x'20 + u'29*x'19 + u'61*x'18 + u'52*x'17 + u'16*x'16 + u'53*x'14 + u'54*x'13 + u'48*x'12 + u'61*x'11 + u'12*x'10 + u'54*x'9 + u'20*x'8 + u'21*x'7 + u'26*x'6 + u'49*x'5 + u'11*x'4 + u'30*x'3 + u'58*x'2 + u'11*x,

u'8*x'60 + u'52*x'58 + u'38*x'57 + u'6*x'56 + u'32*x'54 + x'53 + u'35*x'52 + u'35*x'51 + u'42*x'50 + u'59*x'49 + u'47*x'48 + u'28*x'46 + u'23*x'45 + u'14*x'44 + u'22*x'43 + u'37*x'42 + u'49*x'41 + u'28*x'40 + u'29*x'39 + u'28*x'38 + u'14*x'37 + u'44*x'36 + u*x'35 + u'8*x'32 + u'56*x'30 + u'15*x'29 + u'16*x'28 + u'5*x'27 + x'26 + u'3*x'25 + u'50*x'24 + u'3*x'23 + u'35*x'22 + u'59*x'21 + u'35*x'20 + u'43*x'19 + u'59*x'18 + u'12*x'17 + u'2*x'16 + u'17*x'15 + u'24*x'14 + x'13 + u'6*x'12 + u'16*x'11 + u'14*x'10 + u'43*x'9 + u'20*x'8 + u'53*x'7 + x'6 + u'50*x'5 + u'38*x'4 + u'11*x'3 + u'14*x'2 + u'12*x,

u'10*x'56 + u'6*x'52 + u'16*x'50 + u'5*x'49 + u'44*x'48 + u'60*x'44 + u'19*x'42 + u'56*x'41 + u'51*x'40 + u'57*x'38 + u'14*x'37 + u'27*x'36 + u'31*x'35 + u'17*x'34 + u'19*x'33 + u*x'32 + u'8*x'28 + u'28*x'26 + x'25 + u'37*x'24 + u'50*x'22 + u'47*x'21 + u'32*x'20 + u'28*x'19 + u'18*x'18 + u'16*x'17 + u'6*x'16 + u'25*x'14 + u'60*x'13 + u'14*x'12 + u'6*x'11 + u'60*x'10 + u'15*x'9 + u'22*x'8 + u'17*x'7 + u'17*x'6 + u'27*x'5 + u'25*x'4 + u'57*x'3 + u'43*x'2 + u'19*x,

u'50*x'56 + u'19*x'52 + u'30*x'50 + u'7*x'49 + u'22*x'48 + u'43*x'44 + u'10*x'42 + u'40*x'41 + u'39*x'40 + u'56*x'38 + u'30*x'37 + u'48*x'36 + u'19*x'35 + u'33*x'34 + u'51*x'33 + u'47*x'32 + u'40*x'28 + u'51*x'26 + u'23*x'25 + u'53*x'24 + u'16*x'22 + u'30*x'21 + u'9*x'20 + u'16*x'19 + u'13*x'18 + u'46*x'17 + u'61*x'16 + u'46*x'14 + u'34*x'13 + u'25*x'12 + u'53*x'11 + u'43*x'10 + u'48*x'9 + u'43*x'8 + u'32*x'7 + u'13*x'6 + u'61*x'5 + u'14*x'4 + u'32*x'3 + u'53*x'2 + u'41*x,

u'11*x'56 + u'61*x'52 + u'33*x'50 + u'34*x'49 + u'40*x'48 + u'8*x'44 + u'8*x'42 + u'14*x'41 + u'47*x'40 + u'33*x'38 + u'48*x'37 + u'40*x'36 + u'60*x'35 + u'42*x'34 + u'37*x'33 + u'4*x'32 + u'46*x'28 + u'35*x'26 + u'35*x'25 + u'42*x'24 + u'52*x'22 + u'49*x'21 + u'56*x'20 + u'38*x'19 + u'4*x'18 + u'46*x'17 + u'14*x'16 + u'14*x'14 + u'45*x'13 + u'8*x'12 + u'43*x'11 + u'31*x'10 + u'56*x'9 + u'53*x'8 + u'42*x'7 + u'40*x'6 + u'53*x'5 + u'41*x'4 + u'39*x'3 + u'49*x'2 + u'37*x,

u'37*x'56 + u'15*x'52 + u'42*x'50 + u'38*x'49 + u'54*x'48 + u'34*x'44 + u'15*x'42 + u'22*x'41 + u'3*x'40 + u'11*x'38 + u'3*x'37 + u'21*x'36 + u'61*x'35 + u'53*x'34 + u'10*x'33 + u'22*x'32 + u'28*x'28 + u'17*x'26 + u'22*x'25 + u'25*x'24 + u'6*x'22 + u'23*x'21 + u'54*x'20 + u'4*x'19 + u'9*x'18 + u'7*x'17 + u'14*x'16 + u'4*x'14 + u'6*x'13 + u'16*x'12 + u'28*x'11 + u'57*x'10 + u'62*x'9 + u'2*x'8 + u'11*x'7 + u'38*x'6 + u*x'5 + u'62*x'4 + u'12*x'3 + u'22*x'2 + u'6*x,

u'60*x'56 + u'43*x'52 + u'7*x'50 + u'15*x'49 + u'41*x'48 + x'44 + u'43*x'42 + u'55*x'41 + u'32*x'40 + u'2*x'38 + u'14*x'37 + u'58*x'36 + u'51*x'35 + u'46*x'34 + u'34*x'33 + u'59*x'32 + u'57*x'28 + u'35*x'26 + u'58*x'25 + u'54*x'24 + u'46*x'22 + u'15*x'21 + u'51*x'20 + u'48*x'19 + u'44*x'18 + u'4*x'17 + u'49*x'16 + u'28*x'14 + u'17*x'13 + u'57*x'12 + u'26*x'11 + u'48*x'10 + u'4*x'9 + u'24*x'8 + u'37*x'7 + u'35*x'5 + u'40*x'4 + u'20*x'3 + u'48*x'2 + u'34*x,

u'30*x'56 + x'52 + u'6*x'50 + u'49*x'49 + u'38*x'48 + u'4*x'44 + u'30*x'42 + u'36*x'41 + u'22*x'40 + u'28*x'38 + u'56*x'37 + u'18*x'36 + u'9*x'35 + u'41*x'34 + u'49*x'33 + u'5*x'32 + u'7*x'28 + u'23*x'26 + u'16*x'25 + u'12*x'24 + u'13*x'22 + u'57*x'21 + u'6*x'20 + u'34*x'19 + u'23*x'18 + u'21*x'17 + u'55*x'16 + u'12*x'14 + u'11*x'13 + u'26*x'12 + u'49*x'11 + u'22*x'10 + u'57*x'9 + u'57*x'8 + u'60*x'7 + u'62*x'6 + u'41*x'5 + u'56*x'4 + u'8*x'3 + u'55*x'2 + u'12*x,

u'8*x'56 + u'59*x'52 + u'22*x'50 + u'36*x'49 + u'23*x'48 + u'40*x'44 + u'16*x'42 + u'44*x'41 + u'21*x'40 + u'50*x'38 + u'34*x'37 + u'18*x'36 + u'40*x'35 + u'49*x'34 + u'37*x'33 + u'33*x'32 + u'20*x'28 + u'59*x'26 + u'14*x'25 + u'51*x'24 + u'31*x'22 + u'46*x'21 + u'4*x'20 + u'39*x'19 + u'62*x'18 + u'2*x'17 + u'20*x'16 + u'3*x'14 + u'25*x'13 + u'48*x'12 + u'30*x'11 + u'61*x'10 + u'13*x'9 + u'16*x'8 + u'48*x'7 + u'17*x'6 + u'58*x'5 + u'59*x'4 + u'22*x'3 + u'30*x'2 + u'25*x,

u'44*x'56 + u'52*x'52 + u'25*x'50 + u'23*x'49 + u'8*x'48 + u'57*x'44 + u'35*x'42 + u'26*x'41 + u'18*x'40 + u'15*x'38 + u'45*x'37 + u'37*x'36 + u'21*x'35 + u'30*x'34 + x'33 + u'59*x'32 + u'30*x'28 + u'48*x'26 + u'61*x'25 + u'60*x'24 + u'54*x'22 + u'21*x'21 + u'52*x'20 + u'36*x'19 + u'47*x'18 + u'42*x'17 + u'23*x'16 + u'49*x'14 + u'30*x'13 + u'20*x'12 + u'24*x'11 + u'38*x'10 + u'43*x'9 + u'16*x'8 + u'8*x'7 + x'6 + u'61*x'5 + u'15*x'4 + u'27*x'3 + u'49*x'2 + u'56*x,

u'24*x'56 + u'13*x'52 + u'12*x'50 + u'25*x'49 + u'19*x'48 + u'54*x'44 + u'45*x'42 + u'58*x'41 + u'37*x'40 + u'8*x'38 + u'21*x'37 + u'43*x'36 + u'22*x'35 + u'24*x'34 + u'9*x'33 + u'53*x'32 + u'57*x'28 + u'55*x'26 + u'26*x'25 + u'18*x'24 + u'2*x'22 + u'57*x'21 + u'4*x'20 + u'32*x'19 + u'31*x'18 + u'8*x'17 + u'37*x'16 + u'53*x'14 + u'26*x'13 + u'26*x'12 + u'60*x'11 + u'32*x'10 + u'62*x'9 + u'9*x'8 + u'37*x'7 + u'16*x'6 + u'23*x'5 + u'28*x'4 + u'37*x'3 + u'14*x'2 + u'26*x,

u'19*x'56 + u'14*x'52 + u'47*x'50 + x'49 + u'36*x'48 + u'38*x'44 + u'56*x'42 + u'2*x'41 + u'12*x'40 + u'27*x'38 + u'26*x'37 + u'25*x'36 + u'25*x'35 + u'62*x'34 + u'54*x'33 + u'46*x'32 + u'37*x'28 + u'13*x'26 + u'48*x'25 + u'60*x'24 + u*x'22 + u'10*x'21 + u'27*x'20 + u'50*x'19 + u'53*x'18 + u'32*x'16 + u'53*x'14 + u'18*x'13 + u'11*x'12 + u'2*x'11 + u'28*x'10 + u'37*x'9 + u'35*x'8 + u'13*x'7 + u'62*x'6 + u'24*x'5 + u'18*x'4 + u'12*x'3 + u'4*x'2 + u'50*x,

u²⁵x⁶⁰ + u⁶x⁵⁸ + u⁵⁵x⁵⁷ + u³⁴x⁵⁶ + u⁴⁹x⁵⁴ + u¹⁷x⁵³ + u⁵⁶x⁵² + u⁵²x⁵¹ + u³³x⁵⁰ + u⁴⁴x⁴⁹ + u³⁸x⁴⁸ + u⁴⁵x⁴⁶ + u⁴⁰x⁴⁵ + u³⁵x⁴⁴ + u³⁹x⁴³ + u³¹x⁴² + u³⁷x⁴¹ + u⁴⁸x⁴⁰ + u⁴⁶x³⁹ + u²⁶x³⁸ + u¹³x³⁷ + u⁶⁰x³⁶ + u²²x³⁵ + u⁵²x³⁴ + x³³ + u⁴⁸x³² + u¹⁰x³⁰ + u³²x²⁹ + u¹⁶x²⁸ + u²²x²⁷ + u⁴x²⁶ + u⁵⁵x²⁵ + u²⁸x²⁴ + u²⁰x²³ + u⁵x²² + u⁴³x²¹ + u³²x²⁰ + u¹⁰x¹⁹ + u⁵⁰x¹⁸ + u³²x¹⁷ + u⁷x¹⁶ + u³⁴x¹⁵ + u²⁹x¹⁴ + u¹⁷x¹³ + u⁴³x¹² + u⁵³x¹¹ + u⁵⁴x¹⁰ + u¹²x⁹ + u¹²x⁸ + u²²x⁷ + u⁵x⁶ + u⁴x⁵ + u⁶x⁴ + u³⁰x³ + u¹⁹x² + u⁴⁰x,

u^xx⁶⁰ + u⁴⁵x⁵⁸ + u³¹x⁵⁷ + u⁵³x⁵⁶ + u²⁵x⁵⁴ + u⁵⁶x⁵³ + u¹⁰x⁵² + u²⁸x⁵¹ + u¹⁸x⁵⁰ + u²⁰x⁴⁹ + u⁴⁹x⁴⁸ + u²¹x⁴⁶ + u¹⁶x⁴⁵ + u⁶²x⁴⁴ + u¹⁵x⁴³ + u¹³x⁴² + u²⁷x⁴¹ + x⁴⁰ + u³²x³⁹ + u¹⁷x³⁸ + u²²x³⁷ + u³x³⁶ + u¹⁵x³⁵ + u³⁸x³⁴ + u⁵²x³³ + u³⁴x³² + u⁴⁹x³⁰ + u⁸x²⁹ + u⁵³x²⁸ + u⁶¹x²⁷ + u³⁷x²⁶ + u⁵⁵x²⁵ + u³⁰x²⁴ + u⁵⁹x²³ + u³⁹x²² + u³⁹x²¹ + u²³x²⁰ + u⁵x¹⁹ + u¹⁴x¹⁸ + u¹⁸x¹⁷ + u⁵⁰x¹⁶ + u¹⁰x¹⁵ + u⁵⁷x¹⁴ + u⁴⁰x¹³ + u¹⁶x¹² + u⁴⁸x¹¹ + u²⁵x¹⁰ + u²⁷x⁹ + u⁵⁷x⁸ + u⁴⁹x⁷ + u¹¹x⁶ + u⁴⁰x⁵ + u²⁰x⁴ + u¹¹x³ + u⁵⁷x² + u⁵³x,

u⁵⁰x⁶⁰ + u³¹x⁵⁸ + u¹⁷x⁵⁷ + u⁴⁵x⁵⁶ + u¹¹x⁵⁴ + u⁴²x⁵³ + u¹⁷x⁵² + u¹⁴x⁵¹ + u²⁴x⁵⁰ + u¹⁴x⁴⁹ + u⁸x⁴⁸ + u⁷x⁴⁶ + u²x⁴⁵ + u⁴⁸x⁴⁴ + u^xx⁴³ + u⁵x⁴² + u⁵x⁴¹ + u⁴²x⁴⁰ + u⁸x³⁹ + u²⁷x³⁸ + u⁴⁷x³⁷ + u¹⁸x³⁶ + u^xx³⁵ + u³x³⁴ + u³⁶x³³ + u⁵x³² + u³⁵x³⁰ + u⁵⁷x²⁹ + x²⁸ + u⁴⁷x²⁷ + u¹⁷x²⁶ + u⁶¹x²⁵ + u¹⁰x²⁴ + u⁴⁵x²³ + u³⁶x²² + u^xx²¹ + u¹⁷x²⁰ + u⁴⁹x¹⁹ + u³⁴x¹⁸ + u⁶²x¹⁷ + u²¹x¹⁶ + u⁵⁹x¹⁵ + u⁴⁹x¹⁴ + u²⁵x¹³ + u⁵⁰x¹² + u⁵²x¹¹ + u⁶²x¹⁰ + u³⁹x⁹ + u¹⁹x⁸ + u⁵²x⁷ + x⁶ + u³⁰x⁵ + x⁴ + u⁵⁹x³ + u³⁷x² + u²¹x,

u³⁰x⁵⁶ + u³⁸x⁵² + u⁴x⁵⁰ + u²³x⁴⁹ + u³x⁴⁸ + u²³x⁴⁴ + u¹⁰x⁴² + u⁸x⁴¹ + u¹²x⁴⁰ + u²⁷x³⁸ + u²⁹x³⁷ + u¹⁴x³⁶ + u²⁰x³⁵ + u⁵⁶x³⁴ + u³⁴x³³ + u⁴⁰x³² + u³¹x²⁸ + u³¹x²⁶ + u¹⁷x²⁵ + u⁴¹x²⁴ + u⁶x²² + u⁸x²¹ + u⁴⁶x²⁰ + u⁵⁷x¹⁹ + u⁴⁶x¹⁸ + u⁶x¹⁷ + u¹⁹x¹⁶ + u¹⁵x¹⁴ + u⁵⁶x¹³ + u⁴⁶x¹² + u⁵⁹x¹¹ + u²⁵x¹⁰ + u²⁸x⁹ + u²⁸x⁸ + u⁴⁴x⁸ + u³⁷x⁷ + u²⁸x⁶ + u⁷x⁵ + u⁴⁶x⁴ + u¹⁸x³ + u¹⁶x² + u⁵⁵x,

u⁶¹x⁵⁶ + u³⁰x⁵² + u¹⁷x⁵⁰ + u⁵x⁴⁹ + u⁹x⁴⁸ + u⁶x⁴⁴ + u²⁴x⁴² + u⁵⁵x⁴¹ + u³⁰x³⁸ + u³¹x³⁷ + u¹⁹x³⁶ + u⁵³x³⁵ + u²x³⁴ + u¹⁶x³³ + u⁵⁰x³² + u³⁴x²⁸ + u¹⁹x²⁶ + u⁶¹x²⁵ + u⁴⁸x²⁴ + u³⁵x²² + u⁵²x²² + u⁴⁹x²¹ + u⁸x²⁰ + u⁵⁷x¹⁹ + u²²x¹⁸ + u⁴⁸x¹⁷ + u⁵x¹⁶ + u⁴⁴x¹⁴ + u⁵⁰x¹³ + u²x¹² + u⁴²x¹¹ + u⁷x¹⁰ + u⁵⁵x⁹ + u⁵⁶x⁸ + u⁴⁰x⁷ + u¹⁷x⁶ + u¹²x⁵ + u³⁸x⁴ + u⁶¹x³ + u²⁹x² + u³⁰x,

u⁵⁹x⁵⁶ + u⁵⁶x⁵² + u⁶²x⁵⁰ + u⁶⁰x⁴⁹ + u¹²x⁴⁸ + u⁶²x⁴⁴ + u¹²x⁴² + u⁸x⁴¹ + u³⁶x⁴⁰ + u¹⁶x³⁸ + u¹⁵x³⁷ + x³⁶ + u³¹x³⁵ + u⁴⁸x³⁴ + u¹⁴x³³ + u²⁷x³² + u³⁶x²⁸ + u⁵⁷x²⁶ + u³⁵x²⁵ + u⁴⁰x²⁴ + u¹⁴x²² + u³⁰x²¹ + u³x²⁰ + u⁴⁴x¹⁹ + u³⁶x¹⁸ + u⁴¹x¹⁷ + u¹⁸x¹⁶ + u⁴⁸x¹⁴ + u³⁷x¹³ + u⁶¹x¹² + u⁹x¹¹ + u¹³x¹⁰ + u⁵²x⁹ + u¹⁷x⁸ + u¹⁵x⁷ + u¹⁰x⁶ + u⁵¹x⁵ + u¹²x⁴ + u¹⁰x³ + u⁶¹x² + u⁶¹x,

u⁵⁰x⁵⁶ + u³¹x⁵² + u²⁷x⁵⁰ + u²⁰x⁴⁹ + u¹⁷x⁴⁸ + u⁴⁴x⁴⁴ + u¹³x⁴² + u⁴³x⁴¹ + u⁴⁷x³⁸ + u²⁶x³⁷ + u²⁴x³⁶ + u⁶²x³⁵ + u²x³⁴ + u¹⁶x³³ + u⁴⁹x³² + u¹⁶x²⁸ + u¹⁹x²⁶ + u⁸x²⁵ + u⁵⁹x²⁴ + u³¹x²² + u⁵⁶x²¹ + u⁵²x²⁰ + u¹⁵x¹⁹ + u³⁵x¹⁸ + u⁵⁶x¹⁷ + u⁴⁷x¹⁶ + u⁴²x¹⁴ + u²⁴x¹³ + u²x¹² + u¹⁵x¹¹ + u⁴⁵x¹⁰ + u¹⁷x⁹ + u⁴¹x⁸ + u²²x⁷ + u⁴⁰x⁶ + u⁵⁵x⁵ + u²⁴x⁴ + u⁵⁵x³ + u¹⁷x² + u²⁹x,

u¹²x⁵⁶ + u³²x⁵² + u³⁶x⁵⁰ + u²⁵x⁴⁹ + u^xx⁴⁸ + u⁶¹x⁴⁴ + u⁵⁶x⁴² + u⁵⁷x⁴¹ + u⁴¹x⁴⁰ + u²⁴x³⁸ + u³x³⁷ + u¹⁴x³⁶ + u⁵⁸x³⁵ + u¹⁸x³⁴ + u⁴⁵x³³ + u²⁶x³² + u¹³x²⁸ + u²⁷x²⁶ + u¹¹x²⁵ + u³⁶x²⁴ + u²⁰x²² + u⁴⁴x²¹ + u²⁶x²⁰ + u¹³x¹⁹ + u⁵⁹x¹⁸ + u⁶¹x¹⁷ + u⁷x¹⁶ + u⁶⁰x¹⁴ + u⁴⁸x¹³ + u⁵⁷x¹² + u³⁹x¹¹ + u²⁶x¹⁰ + u⁵x⁹ + u²⁹x⁸ + u⁴²x⁷ + u³¹x⁶ + u⁶¹x⁵ + u⁵⁷x⁴ + u³⁸x³ + u²⁸x² + u⁵³x,

u⁵⁸x⁵⁶ + u¹¹x⁵² + u⁴⁵x⁵⁰ + u³⁸x⁴⁹ + u³⁵x⁴⁸ + u⁴⁴x⁴⁴ + u³³x⁴² + u⁵⁹x⁴¹ + u²⁹x⁴⁰ + u²²x³⁸ + u^xx³⁷ + u⁴¹x³⁶ + u⁵¹x³⁵ + u³¹x³⁴ + u⁵³x³³ + u²x²⁸ + u²¹x²⁶ + u³x²⁵ + u⁵⁴x²⁴ + u¹⁶x²² + u³⁸x²¹ + u¹⁷x²⁰ + u³⁷x¹⁹ + u²²x¹⁸ + u³x¹⁷ + u³³x¹⁶ + u⁵¹x¹⁴ + u¹⁹x¹³ + u⁴⁶x¹² + u⁵⁸x¹¹ + u⁶²x¹⁰ + u³⁰x⁹ + u¹²x⁸ + u⁹x⁷ + u⁴⁷x⁶ + u³⁴x⁵ + u³²x⁴ + u⁵³x³ + u¹⁷x² + u²⁶x,

u¹⁰x⁶⁰ + u⁵⁴x⁵⁸ + u⁴⁰x⁵⁷ + u⁶x⁵⁶ + u³⁴x⁵⁴ + u²x⁵³ + u⁵⁵x⁵² + u³⁷x⁵¹ + u⁴¹x⁵⁰ + u¹¹x⁴⁹ + u⁸x⁴⁸ + u³⁰x⁴⁶ + u²⁵x⁴⁵ + u⁴⁶x⁴⁴ + u²⁴x⁴³ + u²⁴x⁴² + u¹⁴x⁴¹ + u³¹x³⁹ + u⁷x³⁸ + u⁵⁴x³⁷ + u⁵⁵x³⁶ + u³⁹x³⁵ + u^xx³⁴ + u⁵⁷x³³ + u⁸x³² + u⁵⁸x³⁰ + u¹⁷x²⁹ + u³⁶x²⁸ + u⁷x²⁷ + u¹⁴x²⁶ + u¹⁴x²⁵ + u²x²⁴ + u⁵x²³ + u⁸x²² + u²¹x²¹ + u⁹x²⁰ + u⁵⁶x¹⁹ + u¹³x¹⁸ + u⁴⁶x¹⁷ + u⁵⁴x¹⁶ + u¹⁹x¹⁵ + u¹²x¹⁴ + u⁵¹x¹³ + u³¹x¹² + u³⁰x¹¹ + u²⁶x¹⁰ + u⁵²x⁹ + u⁶²x⁸ + u⁶⁰x⁷ + u⁴²x⁶ + u⁴⁸x⁵ + u⁹x⁴ + u¹⁹x³ + u³⁵x² + u²⁶x,

u⁶²x⁶⁰ + u⁴³x⁵⁸ + u²⁹x⁵⁷ + u¹⁶x⁵⁶ + u²³x⁵⁴ + u⁵⁴x⁵³ + u⁵⁷x⁵² + u²⁶x⁵¹ + u³⁷x⁵⁰ + u⁸x⁴⁹ + u¹³x⁴⁸ + u¹⁹x⁴⁶ + u¹⁴x⁴⁵ + u³³x⁴⁴ + u¹³x⁴³ + u⁴²x⁴² + u¹⁶x⁴¹ + u¹⁴x⁴⁰ + u²⁰x³⁹ + u⁵²x³⁸ + u¹³x³⁷ + u⁵⁰x³⁶ + u⁵x³⁵ + u¹⁹x³⁴ + u⁶⁷x³³ + u⁵⁵x³² + u⁴⁷x³⁰ + u⁵¹x²⁸ + u⁵⁹x²⁷ + u⁴⁹x²⁶ + u⁴³x²⁵ + u⁴²x²⁴ + u⁵⁷x²³ + u³³x²² + u¹⁸x²¹ + u¹²x²⁰ + u²³x¹⁹ + u⁴⁵x¹⁸ + u³⁹x¹⁷ + u²⁴x¹⁶ + u⁸x¹⁵ + x¹⁴ + u⁵⁵x¹³ + u⁵²x¹² + u²⁸x¹¹ + u²⁶x¹⁰ + u³³x⁹ + u⁵¹x⁸ + u⁵⁶x⁷ + u¹⁵x⁶ + u⁸x⁵ + u³⁹x⁴ + u²⁶x³ + u^xx² + u⁴⁵x,

u⁵¹x⁵⁶ + u^xx⁵² + u²²x⁵⁰ + u¹⁸x⁴⁹ + u⁴⁵x⁴⁸ + x⁴⁴ + u⁶⁰x⁴² + u⁴x⁴¹ + u⁵²x⁴⁰ + u⁵⁶x³⁸ + u⁴³x³⁷ + u⁴⁴x³⁶ + u⁵⁸x³⁵ + u⁵x³⁴ + u⁴⁷x³³ + u⁵x³² + u³²x²⁸ + u³⁹x²⁶ + u⁵⁴x²⁵ + u²x²⁴ + u³¹x²² + u⁵⁴x²¹ + x²⁰ + u²²x¹⁹ + u³⁹x¹⁸ + u⁴x¹⁷ + u⁶²x¹⁶ + u⁶¹x¹⁴ + u⁵⁰x¹³ + u⁵x¹² + u⁵x¹¹ + u²³x¹⁰ + u¹¹x⁹ + u¹⁹x⁸ + u¹⁴x⁷ + u³⁵x⁶ + u¹⁹x⁵ + u²⁶x⁴ + u⁶¹x³ + u⁵⁶x² + u⁴⁵x,

u⁴⁷x⁵⁶ + u³²x⁵² + u⁴⁶x⁵⁰ + u⁵⁷x⁴⁹ + u⁵⁷x⁴⁸ + u⁵x⁴⁴ + u⁶x⁴² + u³¹x⁴¹ + u¹⁴x⁴⁰ + u⁵²x³⁸ + u⁴⁹x³⁷ + u²x³⁶ + u³⁸x³⁵ + u⁵²x³³ + u³⁶x³² + u⁴³x²⁸ + u⁵¹x²⁶ + u³¹x²⁵ + u⁶⁰x²⁴ + u⁴⁶x²² + u⁴x²¹ + u²⁴x²⁰ + u²³x¹⁹ + u⁵⁹x¹⁸ + u⁵⁸x¹⁷ + u⁶⁰x¹⁶ + u³⁶x¹⁴ + u³⁰x¹³ + u⁵⁰x¹² + u⁷x¹¹ + u⁶x¹⁰ + u¹⁷x⁹ + u⁷x⁸ + u²³x⁷ + u⁶¹x⁶ + u⁵⁵x⁵ + u⁴x⁴ + u²⁶x³ + u¹⁰x² + u⁴⁸x,

u⁶⁰x⁵⁶ + u³³x⁵² + u³⁷x⁵⁰ + u³²x⁴⁹ + u⁵⁸x⁴⁸ + u³¹x⁴⁴ + u⁶⁰x⁴² + u⁴²x⁴¹ + u⁹x⁴⁰ + u³²x³⁸ + u²²x³⁷ + u⁸x³⁶ + u¹⁵x³⁵ + u²⁶x³⁴ + u³⁷x³³ + u³⁰x³² + u¹³x²⁸ + u⁵²x²⁶ + u⁶⁰x²⁵ + u¹¹x²⁴ + u⁵³x²² + u¹⁹x²¹ + u¹⁵x²⁰ + u⁷x¹⁹ + u²⁸x¹⁸ + u¹⁹x¹⁷ + u¹⁰x¹⁶ + u²⁴x¹⁴ + u³²x¹³ + u⁷x¹² + u³⁵x¹¹ + u³⁶x¹⁰ + u⁶⁰x⁹ + u⁴⁹x⁸ + u⁷x⁷ + u⁴⁰x⁶ + u⁵¹x⁵ + u²⁸x⁴ + u¹⁰x³ + u²⁷x² + u⁵⁷x,

u⁵⁹x⁵⁶ + u⁴²x⁵² + u⁵⁴x⁵⁰ + u⁵⁵x⁴⁹ + u¹⁰x⁴⁸ + u³⁵x⁴⁴ + u²²x⁴² + u⁵⁵x⁴¹ + u³⁹x⁴⁰ + u²²x³⁸ + u³³x³⁷ + u⁵⁸x³⁶ + x³⁵ + u⁴⁹x³⁴ + u¹²x³³ + u³⁵x³² + u²²x²⁸ + u¹⁷x²⁶ + u⁵¹x²⁵ + u⁷x²⁴ + u⁴x²² + u⁴⁴x²¹ + u³⁷x²⁰ + u¹⁹x¹⁹ + u⁶x¹⁸ + u²⁹x¹⁷ + u⁶²x¹⁶ + u¹⁹x¹⁴ + u¹⁰x¹³ + u²²x¹² + u²¹x¹¹ + u²⁶x¹⁰ + u⁴x⁹ + u⁶x⁸ + u¹⁰x⁷ + u⁶x⁶ + u¹¹x⁵ + u⁴⁹x⁴ + u^xx³ + u¹³x² + u¹⁴x,

u¹¹x⁶⁰ + u⁵⁵x⁵⁸ + u⁴¹x⁵⁷ + u²⁰x⁵⁶ + u³⁵x⁵⁴ + u³x⁵³ + u⁷x⁵² + u³⁸x⁵¹ + u⁴³x⁵⁰ + u²⁹x⁴⁹ + u³⁰x⁴⁸ + u³¹x⁴⁶ + u²⁶x⁴⁵ + u¹⁴x⁴⁴ + u²⁵x⁴³ + x⁴² + u²¹x⁴¹ + u³⁶x⁴⁰ + u³²x³⁹ + x³⁸ + u⁵⁰x³⁷ + u¹¹x³⁶

+ u*20*x^23 + u^13*x^22 + u^19*x^21 + u^60*x^20 + u^56*x^19 + u^48*x^18 + u^8*x^17 + u^39*x^16 + u^34*x^15 + u^12*x^14 + u^9*x^13 + u^8*x^12 + u^38*x^11 + u^4*x^10 + u^55*x^9 + u^14*x^8 + u^40*x^7 + u^19*x^6 + u^58*x^5 + u^41*x^4 + u^12*x^3 + u^23*x^2,

u^19*x^52 + u^11*x^50 + u^39*x^49 + u^51*x^48 + u^51*x^44 + u^59*x^42 + x^41 + u^21*x^40 + u^6*x^38 + u^60*x^37 + u^35*x^36 + u^19*x^35 + u^33*x^34 + u^15*x^33 + u^42*x^32 + u^51*x^28 + u^17*x^26 + u^40*x^25 + u*x^24 + u^40*x^22 + u^15*x^21 + u^35*x^20 + u^14*x^19 + u^48*x^18 + u^36*x^17 + u^51*x^16 + u^40*x^14 + u^2*x^13 + u^54*x^12 + u^34*x^11 + u^43*x^10 + u^51*x^9 + u^9*x^8 + u^15*x^7 + u^60*x^6 + u^52*x^5 + u^16*x^4 + u^20*x^2,

u^31*x^56 + u^40*x^52 + x^50 + u*x^49 + u^18*x^48 + u^4*x^44 + u^35*x^42 + u^19*x^41 + u^55*x^40 + u^8*x^38 + u^30*x^37 + u^11*x^36 + u^5*x^35 + u^12*x^34 + u^17*x^33 + u^39*x^32 + u^37*x^28 + u^31*x^26 + u^7*x^25 + u^11*x^24 + u^16*x^22 + u^29*x^21 + u^7*x^20 + u^11*x^19 + u^24*x^18 + u^48*x^17 + u^36*x^16 + u^62*x^14 + u^50*x^13 + u^27*x^12 + u^35*x^11 + u^38*x^10 + u^29*x^9 + u^38*x^8 + u^18*x^7 + u^45*x^6 + u^47*x^5 + u^7*x^4 + u^20*x^3 + u^46*x^2 + u^32*x,

u^42*x^56 + u^36*x^52 + u^26*x^50 + u^23*x^49 + u^41*x^48 + u*x^44 + u^24*x^42 + u^34*x^41 + u^51*x^40 + u^31*x^38 + u^21*x^37 + x^36 + u^55*x^35 + u^42*x^34 + u^61*x^33 + u^37*x^32 + u^2*x^28 + u^50*x^26 + u^61*x^25 + u^41*x^24 + u^20*x^22 + u^34*x^21 + u^2*x^20 + u^52*x^19 + u^32*x^18 + u^22*x^17 + u^18*x^16 + u^3*x^14 + u^38*x^13 + u^61*x^12 + u^13*x^11 + u^27*x^9 + u^5*x^8 + u^41*x^6 + u^32*x^5 + u^22*x^4 + u^59*x^3 + x^2 + u^37*x,

u^62*x^60 + u^43*x^58 + u^29*x^57 + u^5*x^56 + u^23*x^54 + u^54*x^53 + u^15*x^52 + u^26*x^51 + u^33*x^50 + u^44*x^49 + u^56*x^48 + u^19*x^46 + u^14*x^45 + u^38*x^44 + u^13*x^43 + u^33*x^42 + u^57*x^41 + u^35*x^40 + u^20*x^39 + u^6*x^38 + u^62*x^37 + u^14*x^36 + u^52*x^35 + u^47*x^34 + u^33*x^33 + u^6*x^32 + u^47*x^30 + u^6*x^29 + u^40*x^28 + u^59*x^27 + u^38*x^26 + u^7*x^25 + u^36*x^24 + u^57*x^23 + x^22 + u^34*x^21 + u^49*x^20 + u^62*x^19 + u^60*x^18 + u^7*x^17 + u^10*x^16 + u^8*x^15 + u^11*x^14 + u*x^13 + u^31*x^12 + u^11*x^11 + u^12*x^10 + u^11*x^8 + u^24*x^7 + u^41*x^6 + u^4*x^5 + u^34*x^4 + u^6*x^3 + u^27*x^2 + u^20*x,

u^16*x^56 + u^13*x^52 + u^46*x^50 + u^58*x^49 + u^19*x^48 + u^19*x^44 + u^42*x^42 + u^44*x^41 + u^18*x^40 + u^32*x^38 + u^8*x^37 + u^46*x^36 + u^12*x^35 + u^14*x^34 + u^35*x^33 + u^14*x^32 + u^59*x^28 + u^56*x^26 + u^5*x^25 + u^54*x^24 + u^55*x^22 + u^9*x^21 + u^6*x^20 + u^5*x^19 + u^2*x^18 + u^3*x^17 + u^3*x^16 + u^60*x^14 + u^13*x^13 + u^22*x^12 + u^37*x^11 + u^54*x^10 + u^21*x^9 + u^56*x^8 + u^60*x^7 + u^35*x^6 + u^36*x^5 + u^25*x^4 + u^43*x^3 + u^33*x^2 + u^18*x,

u^19*x^56 + u^11*x^52 + u^10*x^50 + u^3*x^49 + u^32*x^48 + u^17*x^44 + u^37*x^42 + u^2*x^41 + u^30*x^40 + u^38*x^38 + u^35*x^37 + u^33*x^36 + u^49*x^35 + u^62*x^34 + u^13*x^33 + u^30*x^32 + u^9*x^28 + u^18*x^26 + u^50*x^25 + u^37*x^24 + u^53*x^22 + u^9*x^21 + u^6*x^20 + u^10*x^19 + u^43*x^18 + u^25*x^17 + u^3*x^16 + u^10*x^14 + u^40*x^12 + u^56*x^11 + u^31*x^10 + u^10*x^9 + u^33*x^8 + u^39*x^7 + u^48*x^6 + u^23*x^5 + u^46*x^4 + u^7*x^3 + u^27*x^2 + u^39*x,

u^37*x^56 + u^48*x^52 + u^25*x^50 + u^35*x^49 + u^59*x^48 + u^18*x^44 + u^33*x^42 + u^49*x^41 + u^10*x^40 + u^56*x^38 + u^4*x^37 + u^39*x^36 + u^4*x^35 + u^33*x^34 + u^33*x^33 + u^22*x^32 + u^33*x^28 + u^32*x^26 + u^61*x^25 + u^17*x^24 + u^44*x^22 + u^58*x^21 + u^56*x^20 + u^29*x^19 + u^42*x^18 + u^16*x^16 + u^21*x^14 + u^22*x^13 + u^11*x^12 + u*x^11 + u^59*x^10 + u^36*x^9 + u^10*x^8 + u^59*x^7 + u^46*x^6 + u^54*x^5 + u^23*x^4 + u^27*x^3 + u^42*x^2 + u^24*x,

u^30*x^56 + u^17*x^52 + u^19*x^50 + u^29*x^49 + u^60*x^48 + u^28*x^44 + u^49*x^42 + u^37*x^41 + u^26*x^40 + u^35*x^38 + u^51*x^37 + u^48*x^36 + u^17*x^35 + u^37*x^34 + u^10*x^33 + u^53*x^32 + u^20*x^28 + u^13*x^26 + u^19*x^25 + u^39*x^24 + u^55*x^22 + u^54*x^20 + u^42*x^19 + u^13*x^18 + u^32*x^17 + u^26*x^16 + u^39*x^14 + u^11*x^13 + u^42*x^12 + u^28*x^11 + u^57*x^10 + u^25*x^9 + u^48*x^8 + u^6*x^7 + u^43*x^6 + u^6*x^5 + u^44*x^4 + u^35*x^3 + u^57*x^2 + u^41*x,

u^62*x^60 + u^43*x^58 + u^29*x^57 + u^5*x^56 + u^23*x^54 + u^54*x^53 + u^54*x^52 + u^26*x^51 + u^40*x^50 + u^8*x^49 + u^14*x^48 + u^19*x^46 + u^14*x^45 + u^48*x^44 + u^13*x^43 + u^36*x^42 + u^25*x^41 + u^41*x^40 + u^20*x^39 + u^4*x^38 + u^21*x^37 + u^61*x^36 + u^6*x^35 + u^6*x^34 + u^34*x^33 + u^9*x^32 + u^47*x^30 + u^6*x^29 + u^40*x^28 + u^59*x^27 + u^56*x^26 + u^35*x^25 + u^6*x^24 + u^57*x^23 + u^34*x^22 + u^30*x^21 + u^36*x^20 + u^60*x^19 + u^42*x^18 + u^6*x^17 + u^49*x^16 + u^8*x^15 + u^5*x^14 + u^61*x^13 + u^13*x^12 + u^25*x^11 + u^51*x^10 + u^11*x^9 + u^20*x^8 + u^34*x^7 + u^22*x^6 + u^62*x^5 + u^25*x^4 + u^42*x^3 + u^16*x^2 + u^25*x,

u^4*x^56 + u^42*x^52 + u^61*x^50 + u^43*x^49 + u^57*x^48 + u^59*x^44 + u^20*x^42 + u^47*x^41 + u^62*x^40 + u^30*x^38 + u^31*x^36 + u^4*x^35 + u*x^34 + u^58*x^33 + u^35*x^32 + u^54*x^28 + u^55*x^26 + u^22*x^25 + u^26*x^24 + u^48*x^22 + u^46*x^21 + u^49*x^20 + u^11*x^19 + u^14*x^18 + u^61*x^17 + u^6*x^16 + u^3*x^14 + u^8*x^13 + u^31*x^12 + u*x^11 + u^19*x^10 + u^32*x^9 + u^19*x^8 + u^56*x^7 + u^59*x^6 + u^21*x^5 + u^60*x^4 + u^12*x^3 + u^20*x^2 + u^52*x,

u^13*x^56 + u^60*x^52 + u^25*x^50 + u^7*x^49 + u^9*x^48 + u^9*x^44 + u^39*x^42 + u^12*x^41 + x^40 + u^50*x^38 + u^54*x^37 + u^8*x^36 + u^16*x^35 + u^41*x^34 + u^27*x^33 + u^2*x^32 + u^8*x^28 + u^4*x^26 + u^36*x^25 + u^45*x^24 + u^3*x^22 + u^62*x^21 + u^56*x^20 + u^8*x^19 + u^12*x^18 + u^20*x^17 + u^4*x^16 + u^60*x^14 + u^57*x^13 + u*x^12 + u^35*x^11 + u^13*x^10 + u^31*x^9 + u^22*x^8 + u^35*x^7 + u^38*x^6 + u^58*x^5 + u^36*x^4 + u^13*x^3 + u^31*x^2 + u^12*x,

u^30*x^56 + u^43*x^52 + u^10*x^50 + u^26*x^49 + u^2*x^48 + u^15*x^44 + u^27*x^41 + u^39*x^40 + u^56*x^38 + u^41*x^36 + u^30*x^35 + u^53*x^34 + u^62*x^33 + u^9*x^32 + u^61*x^28 + u^35*x^26 + u^22*x^25 + u^51*x^24 + u^34*x^22 + u^49*x^20 + u^30*x^19 + u^43*x^18 + u^52*x^17 + u^57*x^16 + u^19*x^14 + u^8*x^13 + u^10*x^12 + u^17*x^11 + u^4*x^10 + u*x^9 + u^26*x^8 + u^23*x^7 + u^6*x^6 + u^61*x^5 + u^38*x^4 + u^31*x^3 + u^60*x^2 + u^34*x,

u^32*x^56 + u^8*x^52 + u^19*x^50 + u^23*x^49 + u^6*x^48 + u^5*x^44 + u^49*x^42 + u^48*x^41 + u^8*x^40 + x^38 + u^15*x^37 + u^19*x^36 + u^23*x^35 + u^60*x^34 + u^34*x^33 + u^52*x^32 + u^41*x^28 + u^8*x^26 + u^19*x^25 + u^13*x^24 + u^51*x^22 + u^17*x^21 + u^35*x^20 + u^41*x^19 + u*x^18 + u^16*x^16 + u^20*x^14 + u^15*x^13 + u^15*x^12 + u^28*x^11 + u^16*x^10 + u^18*x^9 + u^16*x^8 + u^15*x^7 + x^6 + u^14*x^5 + u^46*x^4 + u^10*x^3 + u^19*x^2 + u^21*x,

u^54*x^56 + u^19*x^52 + u^2*x^50 + u^57*x^49 + u^12*x^48 + u^57*x^44 + u^32*x^42 + u^55*x^41 + u^7*x^40 + u^58*x^38 + u^17*x^37 + u^15*x^36 + u^36*x^35 + u^30*x^34 + u^29*x^33 + u^3*x^32 + u^51*x^28 + u^7*x^26 + u^5*x^25 + u^49*x^24 + u^16*x^22 + u^14*x^21 + u^51*x^20 + u^13*x^19 + u^11*x^18 + u^33*x^17 + u^2*x^16 + u^56*x^14 + u^28*x^13 + u^29*x^12 + u^29*x^11 + u^37*x^10 + u^14*x^9 + u^24*x^8 + u^40*x^7 + u^7*x^6 + u^5*x^5 + u^35*x^4 + u^39*x^3 + u^50*x^2 + u*x,

u^35*x^56 + u^11*x^52 + u^30*x^50 + u^40*x^49 + u^35*x^48 + u^38*x^44 + u^29*x^42 + u^8*x^41 + u^12*x^40 + u^35*x^38 + x^37 + u^37*x^36 + u^46*x^35 + u^26*x^34 + u^39*x^33 + u^13*x^32 + u^17*x^28 + u^35*x^26 + u^22*x^25 + u*x^24 + u^28*x^22 + u^24*x^21 + u^62*x^20 + u^29*x^19 + u^19*x^18 + u^10*x^17 + u^22*x^16 + u^52*x^14 + u^29*x^13 + u^37*x^12 + u^42*x^11 + u^42*x^10 + u^9*x^9 + u^43*x^8 + u^28*x^7 + u^39*x^6 + u^32*x^5 + u^24*x^4 + x^3 + u^8*x^2 + u^22*x,

u^39*x^56 + u^55*x^52 + u^6*x^50 + u^39*x^49 + u^47*x^48 + u^37*x^44 + u^13*x^42 + u^60*x^41 + u^25*x^40 + u^17*x^38 + u^43*x^37 + u^58*x^36 + u^49*x^34 + u^32*x^33 + u^14*x^32 + u^57*x^28 + u^27*x^26 + u^52*x^25 + u^20*x^24 + u^59*x^22 + u^42*x^21 + u^18*x^20 + u^15*x^19 + u^31*x^18 + u^42*x^17 + u^62*x^16 + u^45*x^14 + u^5*x^13 + u^43*x^12 + u^42*x^11 + u^48*x^10 + u^34*x^9 + u^61*x^8 + u^47*x^7 + u^26*x^6 + u^28*x^5 + u^13*x^4 + u^31*x^3 + u^11*x^2 + u^28*x,

u^62*x^60 + u^43*x^58 + u^29*x^57 + u^32*x^56 + u^23*x^54 + u^54*x^53 + u*x^52 + u^26*x^51 + u^16*x^50 + u^17*x^49 + u^31*x^48 + u^19*x^46 + u^14*x^45 + u^61*x^44 + u^13*x^43 + u^50*x^42 + u^52*x^41 + u^31*x^40 + u^20*x^39 + u^8*x^38 + u^8*x^37 + u^8*x^36 + u^5*x^35 + u^22*x^34 + u^27*x^33 + u^47*x^32 + u^47*x^30 + u^6*x^29 + u^36*x^28 + u^59*x^27 + u^51*x^26 + u^62*x^25 + u^48*x^24 + u^57*x^23 + u^35*x^22 + u^36*x^21 + x^20 + u^7*x^19 + u^27*x^18 + u^13*x^17 + u^58*x^16 + u^8*x^15 + u^28*x^14 + u^37*x^13 + u^52*x^12 + u^3*x^11 + u^18*x^10 + u^25*x^9 + u^18*x^8 + u^40*x^7 + u^16*x^5 + u^51*x^4 + u^27*x^3 + u^57*x^2 + u^2*x,

u^38*x^56 + u^33*x^52 + u^30*x^50 + u^45*x^49 + u^4*x^48 + u^31*x^44 + u^14*x^42 + u^38*x^41 + u^9*x^40 + u^60*x^38 + u^21*x^37 + u^49*x^36 + u^42*x^35 + u^32*x^34 + u^6*x^33 + u^53*x^32 + u^7*x^28 + u^20*x^26 + u^45*x^25 + u^46*x^24 + u^59*x^22 + u^52*x^21 + u^14*x^20 + u^14*x^19 + u^42*x^18 + u^46*x^17 + u^49*x^16 + u^46*x^14 + u^14*x^13 + u^53*x^12 + u^30*x^11 + u^49*x^10 + u^27*x^9 + u^8*x^8 + u^30*x^7 + u^18*x^6 + u^54*x^5 + u^58*x^4 + u^56*x^3 + u^14*x^2 + u^46*x,

u^25*x^40 + u^23*x^34 + u^9*x^33 + u^6*x^20 + u^48*x^12 + u^52*x^9 + u^34*x^6,

u^13*x^56 + u^31*x^52 + u^17*x^50 + u^29*x^49 + u^20*x^48 + u^49*x^44 + u^29*x^42 + u^55*x^41 + u^35*x^40 + u^20*x^38 + u^32*x^37 + u^53*x^36 + u^17*x^35 + u^30*x^34 + u^20*x^33 + u^37*x^32 + u^36*x^28 + u^52*x^26 + u^16*x^25 + u^52*x^24 + u^22*x^22 + u^4*x^21 + u^51*x^20 + u^14*x^19 + u^27*x^18 + u^15*x^17 + u^62*x^14 + u^37*x^13 + u^62*x^12 + u^15*x^11 + u^47*x^10 + u^19*x^9 + u^9*x^8 + u^15*x^7 + u^50*x^6 + u^32*x^5 + u^37*x^4 + u^61*x^3 + u^49*x^2 + u^44*x,

u^14*x^56 + u^4*x^52 + u^23*x^50 + u^28*x^49 + u^26*x^48 + u^53*x^44 + u^11*x^42 + u^35*x^41 + u^57*x^40 + u^22*x^38 + u^8*x^37 + u^54*x^36 + u^30*x^35 + u^19*x^34 + u^18*x^33 + u^29*x^32 + u^19*x^28 + u^35*x^26 + u^2*x^25 + u^45*x^24 + u^22*x^22 + u^54*x^21 + u^28*x^20 + u^40*x^19 + u^22*x^18 + u^10*x^17 + u^29*x^16 + u^34*x^14 + u^16*x^13 + u^53*x^12 + u^11*x^11 + u^57*x^10 + u^51*x^9 + u^56*x^8 + u^15*x^7 + u^26*x^6 + u^13*x^5 + u^35*x^4 + u^61*x^3 + u^12*x^2 + u^36*x,

u^58*x^56 + u^40*x^52 + u^18*x^50 + u^32*x^49 + u^42*x^48 + u^32*x^44 + u^3*x^42 + u^17*x^41 + u^48*x^40 + u^15*x^38 + u^43*x^37 + u^29*x^36 + u^15*x^35 + u^8*x^34 + u^27*x^33 + u^3*x^32 + u^31*x^28 + x^26 + u^23*x^25 + u^12*x^24 + u^59*x^22 + u^12*x^21 + u^32*x^20 + u^44*x^19 + u^58*x^18 + u^43*x^17 + u^48*x^16 + u^50*x^14 + u^59*x^13 + u^60*x^12 + u^32*x^11 + u^17*x^10 + u^43*x^9 + u^12*x^8 + u^9*x^7 + u^25*x^6 + u^18*x^5 + u^25*x^4 + u^45*x^3 + u^27*x^2 + u^12*x,

u^62*x^60 + u^43*x^58 + u^29*x^57 + u^46*x^56 + u^23*x^54 + u^54*x^53 + u^45*x^52 + u^26*x^51 + u^18*x^50 + u^55*x^49 + u^22*x^48 + u^19*x^46 + u^14*x^45 + u^16*x^44 + u^13*x^43 + u^23*x^42 + u^15*x^41 + u^38*x^40 + u^20*x^39 + u^54*x^38 + u^14*x^37 + u^24*x^36 + x^35 + u^33*x^34 + u^57*x^33 + u*x^32 + u^47*x^30 + u^6*x^29 + u^4*x^28 + u^59*x^27 + u^33*x^26 + u^34*x^25 + u^49*x^24 + u^57*x^23 + u^36*x^22 + u^28*x^21 + u^31*x^20 + u^59*x^19 + u^46*x^18 + u^20*x^17 + u^31*x^16 + u^8*x^15 + u^57*x^14 + u^61*x^13 + u^33*x^12 + u^42*x^11 + u^55*x^10 + u^23*x^9 + u^55*x^8 + u^54*x^7 + u^50*x^6 + u^53*x^5 + u^10*x^4 + u^11*x^3 + u^9*x^2 + u^37*x,

u^4*x^60 + u^48*x^58 + u^34*x^57 + u^4*x^56 + u^28*x^54 + u^59*x^53 + u^21*x^52 + u^31*x^51 + u^33*x^50 + u^17*x^49 + u^34*x^48 + u^24*x^46 + u^19*x^45 + u^12*x^44 + u^18*x^43 + u^62*x^42 +

$$u^48x^41 + u^4x^40 + u^25x^39 + u^26x^38 + u^57x^37 + u^61x^36 + u^40x^35 + u^5x^34 + u^29x^33 + u^55x^32 + u^52x^30 + u^11x^29 + u^2x^28 + ux^27 + u^13x^26 + u^36x^25 + u^26x^24 + u^62x^23 + u^34x^22 + u^59x^21 + u^18x^20 + u^35x^19 + u^14x^18 + u^11x^17 + u^32x^16 + u^13x^15 + u^62x^14 + u^45x^13 + u^54x^12 + u^22x^11 + u^21x^10 + u^16x^9 + u^16x^8 + u^2x^7 + u^42x^6 + u^5x^5 + u^5x^4 + u^7x^3 + u^26x^2 + u^20x,$$

$$u^{12}x^{56} + u^3x^{52} + u^58x^{50} + u^62x^49 + u^{11}x^48 + u^{43}x^44 + u^{43}x^42 + u^{47}x^41 + u^{43}x^40 + u^{50}x^38 + u^{56}x^37 + u^{49}x^36 + u^{48}x^35 + u^{45}x^34 + u^{52}x^33 + u^{60}x^32 + u^{43}x^28 + u^{44}x^26 + u^8x^25 + u^5x^24 + u^52x^22 + u^60x^20 + x^{19} + u^{33}x^18 + u^{49}x^16 + u^{25}x^14 + u^6x^13 + u^{14}x^12 + u^{52}x^11 + u^5x^10 + u^{21}x^9 + u^38x^8 + u^{19}x^7 + u^{57}x^6 + u^{56}x^5 + u^{33}x^4 + u^{29}x^2 + u^{49}x,$$

$$u^36x^{56} + u^{18}x^{52} + u^{20}x^{50} + u^61x^49 + u^38x^48 + u^9x^42 + u^{16}x^41 + u^{26}x^40 + u^{45}x^38 + u^{39}x^37 + u^{39}x^36 + u^{53}x^35 + u^{20}x^34 + u^{30}x^33 + u^{29}x^32 + u^{43}x^28 + u^{21}x^26 + u^{60}x^25 + ux^24 + u^{41}x^22 + u^{33}x^21 + u^{38}x^20 + u^{24}x^18 + u^{36}x^17 + u^{50}x^16 + u^6x^14 + u^{24}x^13 + u^{44}x^12 + u^{32}x^11 + u^8x^10 + u^{35}x^9 + u^{15}x^8 + u^{12}x^7 + u^2x^6 + u^{23}x^5 + u^{16}x^4 + u^{15}x^3 + u^{59}x^2 + u^{36}x,$$

$$u^{44}x^{56} + u^{13}x^{52} + u^{48}x^{50} + u^{17}x^49 + u^61x^48 + u^{44}x^44 + u^{27}x^42 + u^{59}x^41 + u^{21}x^40 + u^{58}x^38 + u^{55}x^37 + u^{49}x^36 + u^{37}x^35 + u^{27}x^34 + u^{46}x^33 + u^{17}x^32 + u^{50}x^28 + u^{30}x^26 + u^{37}x^25 + u^{13}x^24 + u^{51}x^22 + u^{59}x^21 + u^{23}x^20 + u^{13}x^19 + u^61x^18 + u^{15}x^17 + u^{46}x^16 + u^4x^14 + u^{38}x^13 + u^{27}x^12 + u^{51}x^11 + u^{41}x^{10} + u^{14}x^9 + u^{18}x^8 + u^{28}x^7 + u^{56}x^6 + u^{16}x^5 + u^{53}x^4 + u^{55}x^3 + u^{25}x^2 + u^{54}x,$$

$$u^{17}x^{56} + u^{25}x^{52} + u^{24}x^{50} + u^38x^49 + u^{13}x^48 + u^{33}x^44 + u^{51}x^42 + u^{42}x^41 + u^{38}x^40 + u^{42}x^38 + u^{21}x^37 + u^{55}x^36 + u^{34}x^35 + u^{51}x^34 + u^7x^33 + u^{19}x^32 + u^{13}x^28 + ux^26 + u^9x^25 + u^3x^24 + u^3x^22 + u^{28}x^21 + u^{39}x^20 + u^8x^19 + u^{21}x^18 + u^{28}x^17 + u^{16}x^16 + u^{17}x^14 + u^{56}x^13 + u^{57}x^12 + u^{44}x^11 + u^{47}x^10 + u^{50}x^9 + u^9x^8 + u^{57}x^7 + u^{54}x^6 + u^{32}x^5 + u^{27}x^4 + u^{14}x^3 + u^{32}x^2 + u^5x,$$

$$u^{33}x^{56} + u^{38}x^{52} + u^{45}x^{50} + u^{34}x^49 + u^{58}x^48 + u^{38}x^44 + u^{20}x^42 + u^{50}x^41 + u^5x^40 + u^{52}x^38 + u^{60}x^37 + u^{32}x^36 + u^3x^35 + u^{15}x^34 + u^{37}x^33 + u^5x^32 + u^{19}x^28 + u^{34}x^26 + u^{47}x^25 + u^7x^24 + u^{45}x^22 + u^8x^21 + u^{27}x^20 + u^{40}x^19 + u^{23}x^18 + u^{47}x^17 + u^{37}x^16 + u^{38}x^14 + u^{59}x^13 + x^{12} + u^{15}x^{11} + u^{38}x^{10} + u^3x^9 + u^{48}x^8 + u^{21}x^7 + u^61x^6 + u^55x^5 + u^{57}x^4 + u^{54}x^3 + u^8x^2 + u^{52}x,$$

$$u^{25}x^{60} + u^6x^{58} + u^{55}x^{57} + u^{59}x^{56} + u^{49}x^{54} + u^{17}x^{53} + u^{38}x^{52} + u^{52}x^{51} + u^{26}x^{50} + u^{48}x^{49} + u^{31}x^{48} + u^{45}x^{46} + u^{40}x^{45} + u^{17}x^{44} + u^{39}x^{43} + u^{21}x^{42} + u^{25}x^{41} + u^{25}x^{40} + u^{46}x^{39} + u^{29}x^{38} + u^{10}x^{36} + u^{55}x^{35} + u^{33}x^{33} + u^{19}x^{32} + u^{10}x^{30} + u^{32}x^{29} + u^{25}x^{28} + u^{22}x^{27} + u^{22}x^{26} + u^{16}x^{25} + u^{32}x^{24} + u^{20}x^{23} + u^{18}x^{22} + u^7x^{21} + u^{23}x^{20} + u^{16}x^{19} + u^{40}x^{18} + u^9x^{17} + u^{21}x^{16} + u^{34}x^{15} + u^{54}x^{14} + u^{12}x^{13} + u^{34}x^{12} + u^{39}x^{11} + u^{39}x^{10} + u^{60}x^9 + ux^8 + u^{59}x^7 + u^{23}x^6 + u^{37}x^5 + u^{26}x^4 + u^{18}x^3 + u^{54}x^2 + u^{37}x,$$

$$u^{39}x^{56} + ux^{52} + x^{50} + u^{58}x^{49} + u^{29}x^{48} + u^{12}x^{44} + u^8x^{41} + u^{16}x^{40} + u^{31}x^{38} + u^{37}x^{37} + u^{43}x^{36} + u^{62}x^{35} + u^{32}x^{34} + u^{41}x^{33} + u^{38}x^{32} + u^{36}x^{28} + u^{36}x^{26} + u^{19}x^{25} + u^{56}x^{24} + u^{59}x^{21} + u^{43}x^{20} + u^{42}x^{19} + u^{12}x^{18} + u^{55}x^{17} + u^{44}x^{16} + u^{18}x^{14} + u^{13}x^{13} + u^{38}x^{12} + u^{13}x^{11} + u^{41}x^{10} + u^{36}x^9 + x^8 + u^{43}x^7 + u^{44}x^6 + u^{15}x^5 + u^{19}x^4 + u^{52}x^3 + u^{2}x^2 + u^{37}x,$$

$$u^{47}x^{56} + u^{54}x^{52} + u^{62}x^{50} + u^{30}x^49 + u^{24}x^48 + u^{51}x^44 + u^{41}x^42 + u^{12}x^41 + u^{55}x^40 + u^3x^38 + u^{60}x^37 + u^{23}x^36 + u^{27}x^35 + u^{54}x^34 + u^{12}x^33 + u^{35}x^32 + u^{35}x^28 + u^{59}x^26 + u^{11}x^25 + u^{13}x^24 + u^{20}x^22 + u^{62}x^21 + u^{61}x^20 + u^{59}x^19 + u^3x^18 + u^8x^17 + u^5x^16 + x^{14} + u^{41}x^{13} + u^{58}x^{12} + u^{24}x^{11} + u^{48}x^{10} + u^{24}x^9 + u^{43}x^8 + u^{26}x^7 + u^{44}x^6 + u^{54}x^5 + u^{30}x^4 + u^{51}x^3 + u^{49}x^2 + u^{53}x,$$

$$u^{59}x^{56} + u^{49}x^{52} + u^{32}x^{50} + u^{49}x^49 + u^{29}x^48 + u^{12}x^44 + u^{45}x^42 + u^{22}x^41 + x^{40} + u^{26}x^{38} + u^{43}x^{37} + u^{37}x^{36} + u^{53}x^{35} + u^{16}x^{34} + u^6x^{33} + u^{27}x^{32} + u^{61}x^{28} + u^{33}x^{26} + u^{58}x^{25} + u^{39}x^{24} + u^{57}x^{22} + u^{40}x^{21} + u^{14}x^{20} + ux^{19} + u^{36}x^{18} + u^{57}x^{17} + u^{61}x^{16} + u^7x^{15} + u^7x^{13} + u^62x^{12} + u^{21}x^{11} + u^{60}x^{10} + u^{46}x^9 + u^{57}x^8 + u^{42}x^7 + u^{32}x^6 + u^{22}x^5 + u^{17}x^4 + u^{27}x^3 + u^{45}x^2 + u^{26}x$$

];

Function:

$$x^9 + u^4*(x^{10} + x^{18}) + u^9*(x^{12} + x^{20} + x^{40}),$$

#EA—Classes: 86

Degrees: {* 2, 3**69, 4**16 *}

Representatives:

$$[u^{52}x^{56} + x^{50} + u^{48}x^{49} + u^{12}x^{48} + u^{50}x^{44} + u^{2}x^{42} + u^{32}x^{41} + u^{49}x^{40} + u^{56}x^{38} + u^{33}x^{37} + u^{45}x^{36} + u^3x^{35} + u^{52}x^{34} + u^{26}x^{33} + u^9x^{32} + u^{25}x^{28} + u^{62}x^{26} + u^{11}x^{25} + u^{34}x^{24} + u^{60}x^{22} + u^{47}x^{21} + u^{24}x^{20} + u^6x^{19} + u^{34}x^{18} + u^{38}x^{17} + u^{21}x^{16} + u^{49}x^{14} + u^{46}x^{13} + u^{18}x^{12} + u^{31}x^{11} + u^{38}x^{10} + x^9 + u^{37}x^8 + u^{25}x^7 + u^{51}x^6 + u^{24}x^5 + u^{19}x^4 + u^61x^3 + u^{29}x^2 + u^{24}x, u^{42}x^{56} + u^7x^{52} + u^{17}x^{50} + u^{50}x^49 + u^{43}x^48 + u^{28}x^42 + u^{49}x^41 + u^{58}x^40 + u^{41}x^38 + u^{37}x^37 + u^{52}x^36 + u^{46}x^35 + u^{30}x^34 + u^{13}x^33 + u^{13}x^32 + u^{50}x^{28} + u^{56}x^{26} + u^{35}x^{25} + x^{24} + u^{62}x^{22} + u^{33}x^{21} + u^{41}x^{20} + u^{33}x^{19} + u^{59}x^{18} + ux^{17} + u^{26}x^{16} + u^{34}x^{14} + u^{11}x^{13} + u^{53}x^{12} + u^{18}x^{11} + u^{54}x^{10} + u^{56}x^9 + u^{52}x^8 + u^{49}x^7 + x^6 + u^6x^5 + u^{46}x^4 + u^{22}x^3 + u^{30}x^2 + u^{57}x, u^{36}x^{56} + u^{37}x^{52} + u^7x^{50} + u^{58}x^49 + u^{37}x^48 + u^{51}x^44 + u^{52}x^42 + u^{33}x^41 + u^61x^40 + u^{42}x^38 + u^{30}x^37 + u^{57}x^36 + u^{23}x^35 + u^{34}x^34 + u^{17}x^33 + u^6x^32 + u^{20}x^{28} + u^8x^{26} + u^62x^{25} + u^{50}x^{24} + u^{24}x^{22} + u^{46}x^{21} + u^{35}x^{19} + u^{18}x^{18} + u^{45}x^{17} + u^{62}x^{16} + u^{32}x^{14} + u^{60}x^{13} + u^{34}x^{12} + u^8x^{11} + u^{32}x^{10} + u^3x^9 + u^{26}x^8 + x^7 + u^{48}x^6 + u^{47}x^5 + u^{23}x^4 + ux^3 + u^{51}x^2 + u^{33}x, u^{25}x^{56} + u^{16}x^{52} + u^{17}x^{50} + u^{57}x^49 + u^2x^48 + u^2x^44 + u^{36}x^42 + u^7x^41 + u^{10}x^40 + u^{12}x^38 + u^{60}x^{37} + u^{36}x^{36} + u^{19}x^{35} + u^8x^{34} + u^{51}x^{33} + u^{40}x^{32} + u^{15}x^{28} + u^{29}x^{26} + ux^{25} + u^{13}x^{24} + u^{38}x^{22} + u^5x^{21} + u^{24}x^{20} + u^{35}x^{19} + u^{17}x^{18} + u^5x^{17} + u^{62}x^{16} + u^{52}x^{14} + u^{38}x^{13} + u^{41}x^{12} + u^{41}x^{11} + u^7x^{10} + u^{10}x^9 + u^{39}x^8 + u^{49}x^7 + u^{58}x^6 + u^8x^5 + u^{58}x^4 + u^8x^3 + u^{46}x^2 + u^8x, u^{47}x^{60} + u^{28}x^{58} + u^{14}x^{57} + u^{19}x^{56} + u^8x^{54} + u^{39}x^{53} + u^{59}x^{52} + u^{11}x^{51} + u^{49}x^{50} + u^{43}x^{49} + u^{27}x^{48} + u^4x^{46} + u^{62}x^{45} + u^{53}x^{44} + u^61x^{43} + u^{38}x^{42} + u^3x^{41} + u^{40}x^{40} + u^5x^{39} + u^{59}x^{38} + u^{46}x^{37} + u^{28}x^{36} + u^{47}x^{35} + u^{51}x^{34} + ux^{33} + u^{32}x^{32} + u^{32}x^{30} + u^{54}x^{29} + u^{11}x^{28} + u^{44}x^{27} + u^{33}x^{26} + u^{32}x^{25} + u^{34}x^{24} + u^{42}x^{23} + u^{50}x^{22} + u^{21}x^{21} + u^{18}x^{20} + u^{28}x^{19} + u^{51}x^{18} + u^{12}x^{17} + u^{54}x^{16} + u^{56}x^{15} + u^{21}x^{14} + u^{60}x^{13} + u^{23}x^{12} + u^{47}x^{11} + u^{10}x^{10} + u^{49}x^9 + u^{58}x^8 + u^{49}x^7 + u^{32}x^6 + u^30x^5 + u^{45}x^4 + ux^3 + u^{59}x^2 + u^{52}x, u^{42}x^{56} + u^2x^{52} + u^{21}x^{50} + u^{11}x^49 + u^8x^48 + u^{27}x^44 + u^{42}x^42 + u^{53}x^41 + u^{46}x^40 + u^{10}x^38 + u^{45}x^37 + u^7x^36 + u^{20}x^{35} + u^{55}x^{34} + u^{52}x^{33} + u^{50}x^{32} + u^{40}x^{28} + u^{28}x^{26} + u^{12}x^{25} + u^{48}x^{22} + u^{48}x^{21} + u^{36}x^{20} + u^9x^{19} + ux^{18} + ux^{17} + u^{30}x^{16} + u^{62}x^{14} + u^{22}x^{13} + u^{58}x^{12} + u^{53}x^{11} + u^{51}x^{10} + x^9 + u^{39}x^8 + u^{28}x^7 + u^{12}x^6 + u^{45}x^5 + u^{45}x^4 + u^{46}x^3 + u^61x^2 + u^{35}x, u^{12}x^{56} + u^{34}x^{52} + u^{53}x^{50} + u^{55}x^49 + u^{59}x^48 + ux^44 + u^{25}x^42 + u^{44}x^41 + u^{21}x^40 + u^8x^38 + u^{17}x^37 + u^2x^36 + u^{12}x^{35} + u^{39}x^{34} + u^{31}x^{33} + u^{42}x^{32} + u^{24}x^{28} + u^{11}x^{26} + u^9x^{25} + u^8x^{24} + u^{59}x^{22} + u^{49}x^{21} + u^{16}x^{20} + u^{14}x^{19} + u^{12}x^{18} + u^{52}x^{17} + u^{13}x^{16} + u^61x^{13} + x^{12} + u^{55}x^{11} + u^9x^{10} + u^{40}x^9 + u^{12}x^8 + u^61x^7 + u^{19}x^6 + u^{21}x^5 + u^{28}x^4 + u^{53}x^3 + u^{14}x^2 + u^{36}x, u^{30}x^{60} + u^{11}x^{58} + u^{60}x^{57} + u^{27}x^{56} + u^{54}x^{54} + u^{22}x^{53} + u^{31}x^{52} + u^{57}x^{51} + u^{47}x^{50} + u^8x^{49} + u^{52}x^{48} + u^{50}x^{46} + u^{45}x^{45} + u^{37}x^{44} + u^{44}x^{43} + u^{33}x^{42} + u^{17}x^{41} + u^{17}x^{40} + u^{51}x^{39} + u^{25}x^{38} + ux^{37} + u^{44}x^{36} + u^{23}x^{35} + u^{20}x^{34} + u^{56}x^{33} + u^{14}x^{32} + u^{15}x^{30} + u^{37}x^{29} + u^{28}x^{28} + u^{27}x^{27} + u^{16}x^{26} + u^{37}x^{25} + x^{24} + u^{25}x^{23} + u^{31}x^{22} + u^4x^{21} + u^{46}x^{20} + u^{21}x^{19} + u^{21}x^{18} + u^{27}x^{17} + u^{26}x^{16} + u^{39}x^{15} + u^{39}x^{14} + u^{59}x^{13} + u^{24}x^{12} + u^3x^{11} + u^{21}x^9 + u^{17}x^8 + u^{29}x^7 + u^{47}x^6 + ux^5 + u^{29}x^4 + u^{16}x^3 + u^{42}x^2 + u^61x, u^{31}x^{60} + u^{12}x^{58} + u^61x^{57} + u^41x^{56} + u^{55}x^{54} + u^{23}x^{53} + u^{46}x^{52} + u^{58}x^{51} + u^{57}x^{50} + u^{45}x^{49} + u^{28}x^{48} + u^{51}x^{46} + u^{46}x^{45} + u^{18}x^{44} + u^{45}x^{43} + u^6x^{42} + u^{41}x^{41} + u^{31}x^{40} + u^{52}x^{39} + u^{37}x^{38} + u^{10}x^{37} + u^7x^{36} + u^7x^{35} + u^{56}x^{34} + u^{49}x^{33} + u^{62}x^{32} + u^{16}x^{30} + u^{38}x^{29} + u^6x^{28} + u^{28}x^{27} + u^{49}x^{26} + u^2x^{25} + u^{42}x^{24} + u^{26}x^{23} + u^{36}x^{22} + u^{55}x^{21} + u^{19}x^{20} + u^{47}x^{19} + u^3x^{18} + ux^{17} + u^{30}x^{16} + u^{40}x^{15} + u^{26}x^{14} + u^5x^{13} + u^{44}x^{12} + u^{36}x^{11} + u^{14}x^{10} + u^{13}x^9 + ux^8 + u^7x^7 + u^{23}x^6 + u^43x^5 + u^9x^4 + u^{49}x^3 + u^{57}x^2 + u^{60}x, u^{10}x^{56} + u^{53}x^{52} + u^{26}x^{50} + u^{15}x^49 + u^{44}x^44 + u^6x^42 + u^{47}x^41 + u^5x^40 + u^{30}x^38 + u^{28}x^37 + u^{10}x^{36} + u^{58}x^{35} + u^{13}x^{34} + u^{42}x^{33} + u^{17}x^{32} + u^3x^{28} + u^{23}x^{26} + u^{44}x^{25} + u^{42}x^{24} + u^6x^{22} + u^{16}x^{21} + u^{44}x^{20} + u^{45}x^{19} + u^{35}x^{18} + u^{55}x^{17} + u^{40}x^{16} + u^{27}x^{14} + u^{61}x^{13} + u^{31}x^{12} + u^{55}x^{11} + u^{11}x^{10} + u^8x^9 + u^{30}x^8 + u^{12}x^7 + u^5x^6 + u^{36}x^5 + u^{50}x^4 + u^8x^3 + u^{12}x^2 + u^{52}x, u^{38}x^{56} + u^{51}x^{52} + u^{10}x^{50} + u^2x^49 + u^{18}x^48 + u^{27}x^44 + u^{39}x^42 + u^{22}x^41 + u^{62}x^40 + u^{39}x^{38} + ux^{37} + u^{26}x^{36} + u^{39}x^{35} + u^{52}x^{34} + u^2x^{33} + u^{26}x^{32} + u^{49}x^{28} + u^{12}x^{26} + x^{25} + u^{28}x^{24} + u^{58}x^{22} + u^{55}x^{21} + u^{32}x^{20} + u^{30}x^{19} + u^{32}x^{18} + u^{45}x^{17} + u^{55}x^{16} + u^{24}x^{14} + u^6x^{13} + u^{44}x^{12} + u^{51}x^{11} + u^{10}x^{10} + u^{23}x^9 + u^{34}x^8 + u^{34}x^7 + u^{52}x^6 + u^{14}x^6 + u^{58}x^5 + u^{38}x^4 + u^61x^3 + u^{51}x^2 + u^{52}x, u^{31}x^{60} + u^{12}x^{58} + u^61x^{57} + u^{50}x^{56} + u^{55}x^{54} + u^{23}x^{53} + u^{57}x^{52} + u^{58}x^{51} + u^{29}x^{50} + u^{26}x^{49} + u^{28}x^{48} + u^{51}x^{46} + u^{46}x^{45} + u^5x^{44} + u^{45}x^{43} + u^{34}x^{42} + u^{28}x^{41} + u^{38}x^{40} + u^{52}x^{39} + u^{43}x^{38} + u^8x^{37} + u^{58}x^{36} + u^{23}x^{35} + u^{25}x^{34} + u^{53}x^{33} + u^{49}x^{32} + u^{16}x^{30} + u^{38}x^{29} + u^{53}x^{28} + u^{28}x^{27} + u^{27}x^{26} + u^{60}x^{25} + u^{31}x^{24} + u^{26}x^{23} + ux^{22} + u^{39}x^{21} + u^{33}x^{20} + u^7x^{19} + u^{41}x^{18} + u^3x^{17} + u^{57}x^{16} + u^{40}x^{15} + u^{40}x^{14} + u^{56}x^{13} + u^{60}x^{12} + u^{48}x^{11} + u^{39}x^{10} + u^{10}x^9 +$$

u'35*x^8 + u'17*x^7 + u'23*x^6 + u'61*x^5 + u'10*x^4 + u'52*x^3 + u'21*x^2 + u'21*x,

u'43*x^56 + u'40*x^52 + u'29*x^50 + u'24*x^49 + u'45*x^48 + u'25*x^44 + u'36*x^42 + u'52*x^41 + u'25*x^40 + u'13*x^38 + u'29*x^37 + u'4*x^36 + u'12*x^35 + u'32*x^34 + u'54*x^33 + u'4*x^32 + u'44*x^28 + u'40*x^26 + u'34*x^25 + u'5*x^24 + u'15*x^22 + u'60*x^21 + u'36*x^20 + u'7*x^19 + u'3*x^18 + u'31*x^17 + x^16 + u'13*x^14 + u'37*x^13 + u'29*x^12 + u'50*x^11 + u'6*x^10 + u'3*x^9 + u'61*x^8 + u'42*x^7 + u'37*x^6 + u'14*x^5 + u'42*x^4 + u'42*x^3 + u'59*x^2 + u'3*x,

u'15*x^56 + u'30*x^52 + u'56*x^50 + x^49 + u'62*x^48 + u'45*x^44 + u'10*x^42 + u'15*x^41 + u'6*x^40 + x^38 + u'44*x^37 + u'25*x^36 + u'51*x^35 + u'5*x^34 + u'3*x^33 + u'40*x^32 + u'23*x^28 + u'18*x^26 + u'2*x^25 + u'18*x^24 + u'57*x^22 + u'42*x^21 + u'36*x^20 + u'31*x^19 + u'39*x^18 + u'43*x^17 + u'40*x^16 + u'21*x^14 + u'5*x^13 + u'52*x^12 + u'19*x^11 + u'7*x^10 + u'54*x^9 + u'33*x^8 + u'12*x^7 + u'25*x^6 + u'50*x^5 + u'22*x^4 + u'38*x^3 + u'18*x^2 + u'15*x,

u'6*x^56 + u'4*x^52 + u'29*x^50 + u'27*x^49 + u'14*x^48 + x^44 + u'51*x^42 + u'58*x^41 + u'33*x^40 + u*x^37 + u'12*x^36 + u*x^35 + u'62*x^34 + u'60*x^33 + u'56*x^32 + u'34*x^28 + u'30*x^26 + u'7*x^25 + u'20*x^24 + u'34*x^22 + u'41*x^21 + u'29*x^20 + u'24*x^19 + u*x^18 + u'62*x^17 + u'20*x^16 + u'13*x^14 + u*x^13 + u'20*x^12 + u'56*x^11 + u'32*x^10 + u'20*x^9 + u'52*x^8 + u'33*x^7 + u'38*x^6 + u'24*x^5 + u'61*x^4 + u'8*x^3 + u'26*x^2 + u'39*x,

u'23*x^60 + u'44*x^58 + u'53*x^57 + u'27*x^56 + u'47*x^54 + u'15*x^53 + u'48*x^52 + u'50*x^51 + u'43*x^50 + u'19*x^49 + u'34*x^48 + u'43*x^46 + u'38*x^45 + u'60*x^44 + u'37*x^43 + u'61*x^42 + u'44*x^41 + u'37*x^40 + u'44*x^39 + u'7*x^38 + u'52*x^37 + u'14*x^36 + u'13*x^35 + u'16*x^34 + u'2*x^33 + u'8*x^30 + u'30*x^29 + u'51*x^28 + u'20*x^27 + u'16*x^26 + u'44*x^25 + u'48*x^24 + u'18*x^23 + u'11*x^22 + u'29*x^21 + u'10*x^20 + u'25*x^19 + u'6*x^18 + u'10*x^17 + u'44*x^16 + u'32*x^15 + u'61*x^14 + u'10*x^13 + u'62*x^12 + u'56*x^11 + u'18*x^10 + u'44*x^9 + u'60*x^8 + u'45*x^7 + u'27*x^6 + u'22*x^5 + u'13*x^4 + u'29*x^3 + u'37*x^2 + u'51*x,

u'12*x^56 + u'8*x^52 + x^50 + u'17*x^49 + u'22*x^48 + u'56*x^44 + u'38*x^42 + u'10*x^41 + u'44*x^40 + u'8*x^38 + u'14*x^37 + u'42*x^36 + u'12*x^35 + u'59*x^34 + u'12*x^33 + u'9*x^32 + u'60*x^28 + u'29*x^26 + u'32*x^25 + u'20*x^24 + u'47*x^22 + u*x^21 + u'19*x^20 + u'28*x^19 + u'48*x^18 + u'3*x^17 + u'45*x^16 + u'4*x^14 + u'16*x^13 + u'15*x^12 + u'43*x^11 + u'5*x^10 + u'5*x^9 + u'46*x^8 + u'49*x^7 + u'50*x^6 + u'12*x^5 + u'59*x^4 + u'3*x^3 + u'62*x^2 + u'31*x,

u'30*x^56 + u'17*x^52 + u'23*x^50 + u'62*x^49 + u'58*x^48 + u'30*x^44 + u'53*x^42 + u'10*x^41 + u'14*x^40 + u'33*x^38 + u'12*x^37 + u'19*x^36 + u'37*x^35 + u'7*x^34 + u'7*x^33 + u'3*x^32 + u'13*x^28 + u'x^26 + u'25*x^25 + u'42*x^24 + u'25*x^22 + u'6*x^21 + u'42*x^20 + u'43*x^19 + u'49*x^18 + u'8*x^17 + u'53*x^16 + u'61*x^14 + u'61*x^13 + u'45*x^12 + u'5*x^11 + u'58*x^10 + u'40*x^9 + u'18*x^8 + u'42*x^7 + u'57*x^6 + u'56*x^5 + u'6*x^4 + u'41*x^3 + u'12*x^2 + u'6*x,

u'25*x^56 + u'50*x^52 + u'22*x^50 + u'6*x^48 + u'45*x^44 + u'28*x^42 + u'29*x^41 + u'38*x^40 + u'27*x^38 + u'39*x^37 + u'61*x^36 + u'23*x^35 + u'15*x^34 + u'10*x^33 + u'34*x^28 + u'15*x^26 + u'3*x^25 + u'34*x^24 + u'43*x^22 + u'20*x^21 + u'53*x^20 + u'50*x^19 + u'39*x^18 + u'26*x^17 + u'31*x^16 + u'44*x^14 + u'34*x^13 + u'51*x^12 + u*x^11 + u'42*x^10 + u'15*x^9 + u'28*x^8 + u'59*x^7 + u'49*x^6 + u'18*x^5 + x^4 + u'11*x^3 + u'16*x^2 + u'18*x,

u'31*x^60 + u'12*x^58 + u'61*x^57 + u'13*x^56 + u'55*x^54 + u'23*x^53 + u'25*x^52 + u'58*x^51 + u'56*x^49 + u'55*x^48 + u'51*x^46 + u'46*x^45 + u'10*x^44 + u'45*x^43 + u'32*x^41 + u'51*x^40 + u'52*x^39 + x^38 + u'24*x^37 + u'23*x^36 + u'57*x^35 + u'57*x^32 + u'16*x^30 + u'38*x^29 + u'21*x^28 + u'28*x^27 + u'55*x^26 + u'47*x^25 + u'45*x^24 + u'26*x^23 + u'43*x^22 + u'42*x^21 + u'25*x^20 + u'41*x^19 + u'17*x^18 + u'13*x^17 + x^16 + u'40*x^15 + u'3*x^14 + u'45*x^13 + u'39*x^12 + u'43*x^11 + u'58*x^10 + x^9 + u'16*x^8 + u'33*x^7 + u'39*x^6 + u'43*x^5 + u'61*x^4 + u'37*x^3 + u'39*x^2 + u'59*x,

u'27*x^56 + u'24*x^52 + u'58*x^50 + u'26*x^49 + u'52*x^48 + u'58*x^44 + u'61*x^42 + u'45*x^41 + u'61*x^40 + u'19*x^38 + u'24*x^37 + u'9*x^36 + u'51*x^35 + u'26*x^34 + u'61*x^33 + u'14*x^32 + u'47*x^28 + u'42*x^26 + u'44*x^25 + u'37*x^24 + u'34*x^22 + u'54*x^21 + u'34*x^20 + u'20*x^18 + u'28*x^17 + u'28*x^16 + u'18*x^14 + u'40*x^13 + u'59*x^12 + u'35*x^11 + u'36*x^10 + u'49*x^9 + u'50*x^8 + u'27*x^7 + u'62*x^6 + u'50*x^5 + u'59*x^4 + u'43*x^3 + u'39*x^2 + u'43*x,

u'31*x^60 + u'12*x^58 + u'61*x^57 + u'41*x^56 + u'55*x^54 + u'23*x^53 + u'58*x^51 + u'11*x^50 + u'40*x^49 + u'23*x^48 + u'51*x^46 + u'46*x^45 + u'60*x^44 + u'45*x^43 + u'37*x^42 + u'14*x^41 + u'18*x^40 + u'52*x^39 + u'58*x^38 + u'56*x^37 + u'61*x^36 + u'29*x^35 + u'49*x^34 + u'58*x^33 + u'43*x^32 + u'16*x^30 + u'38*x^29 + u'22*x^28 + u'28*x^27 + u'27*x^26 + u'19*x^25 + u'30*x^24 + u'26*x^23 + u'39*x^22 + u'16*x^21 + u'13*x^20 + u'17*x^19 + u'28*x^18 + u'11*x^17 + u'3*x^16 + u'40*x^15 + u'61*x^14 + u'21*x^13 + u'42*x^12 + u'5*x^11 + u'54*x^10 + u'53*x^9 + u'27*x^8 + u'46*x^7 + u'29*x^6 + u'53*x^5 + u'57*x^4 + u'12*x^3 + u'57*x^2 + u'12*x,

u'60*x^56 + u'53*x^52 + u'56*x^50 + u'24*x^49 + x^48 + u'42*x^44 + u'51*x^42 + u'46*x^41 + u'35*x^40 + u'3*x^38 + u'29*x^37 + u'36*x^36 + u'10*x^35 + u'9*x^34 + u'27*x^33 + u'16*x^32 + u'7*x^28 + u'16*x^26 + u'44*x^25 + u'17*x^24 + u'24*x^22 + u'41*x^21 + u'8*x^20 + u'41*x^19 + u'59*x^18 + u'12*x^17 + u'9*x^14 + u'49*x^13 + u'20*x^12 + u'47*x^11 + u'27*x^10 + u'42*x^9 + u'27*x^8 + u'25*x^7 + u'21*x^6 + u'49*x^5 + u'33*x^4 + u'25*x^3 + u'3*x^2 + u'15*x,

u'55*x^56 + u'49*x^52 + u'41*x^50 + u'22*x^49 + u'7*x^48 + u'34*x^44 + u'44*x^42 + u'58*x^41 + u'33*x^40 + u'49*x^38 + u'55*x^37 + u'43*x^36 + u*x^35 + u'28*x^34 + u'30*x^33 + u'24*x^32 + u'3*x^28 + u'24*x^26 + u'7*x^25 + u'42*x^24 + u'36*x^22 + u'34*x^21 + u'14*x^20 + u'13*x^19 + u'28*x^18 + u'21*x^17 + u'12*x^16 + u'62*x^13 + u'62*x^12 + u'47*x^11 + u'58*x^10 + u'8*x^9 + u'4*x^8 + u'7*x^7 + u'33*x^6 + u'52*x^5 + u'8*x^4 + u'9*x^3 + u'25*x^2 + u'11*x,

u'31*x^56 + u'25*x^52 + u'35*x^50 + u'9*x^49 + u'41*x^48 + u'8*x^44 + u'22*x^42 + u'27*x^41 + u'35*x^40 + u'28*x^38 + u'35*x^37 + u'20*x^36 + u'60*x^35 + u'19*x^34 + u'53*x^33 + u'51*x^32 + u'59*x^28 + u'28*x^26 + u'23*x^25 + u'50*x^24 + u'50*x^22 + u'5*x^21 + u'21*x^20 + u'12*x^19 + u'3*x^18 + u'61*x^17 + u'13*x^16 + u'15*x^14 + u'3*x^13 + u'24*x^12 + u'13*x^11 + u'11*x^10 + u'40*x^9 + u'41*x^8 + u'54*x^7 + u'49*x^6 + u'40*x^5 + u'12*x^4 + u'57*x^3 + u'18*x^2 + u'15*x,

u'18*x^56 + u'25*x^52 + u'8*x^50 + u'35*x^49 + u'24*x^48 + u'12*x^44 + u'10*x^42 + u'20*x^41 + u'6*x^40 + u'39*x^38 + u'15*x^37 + u'25*x^36 + u'3*x^35 + u'4*x^34 + u'18*x^33 + u'13*x^32 + u'29*x^26 + u'35*x^25 + u'25*x^24 + u'29*x^22 + u'49*x^21 + u'12*x^20 + u'31*x^19 + u'62*x^18 + u'23*x^17 + u'16*x^16 + u'13*x^14 + u'49*x^13 + u'57*x^12 + u'52*x^11 + u'5*x^10 + u'48*x^9 + u'54*x^8 + u'11*x^7 + u'39*x^6 + u'60*x^5 + u'43*x^4 + u'25*x^3 + u'60*x^2 + u'48*x,

u'12*x^56 + u'27*x^52 + x^50 + u'51*x^49 + u'10*x^48 + u'62*x^42 + u'38*x^41 + u'20*x^40 + u'24*x^38 + u'5*x^37 + u'57*x^36 + u'19*x^35 + u'53*x^34 + u'13*x^33 + u'30*x^32 + u'37*x^28 + u'10*x^26 + u'19*x^25 + u'43*x^24 + u'5*x^22 + u'61*x^21 + u'48*x^20 + u'42*x^19 + u'34*x^18 + u'44*x^17 + u'28*x^16 + u'36*x^14 + u'6*x^13 + u'62*x^12 + u'35*x^11 + u'40*x^10 + u'61*x^9 + u'37*x^8 + u'38*x^7 + u'47*x^6 + u'53*x^5 + u'23*x^4 + u'43*x^3 + u'60*x^2 + u'8*x,

u'45*x^56 + u'37*x^52 + u'12*x^50 + u'9*x^49 + u'21*x^48 + u'22*x^44 + u'60*x^42 + u'43*x^41 + u'14*x^40 + x^38 + u'46*x^37 + u'42*x^36 + u'29*x^35 + u'19*x^34 + u'10*x^33 + u*x^32 + u'20*x^28 + u'8*x^26 + u'5*x^25 + u'58*x^24 + u'4*x^22 + u'15*x^21 + u'24*x^20 + u'45*x^19 + u'11*x^18 + u'29*x^17 + u'22*x^16 + u'61*x^14 + u'31*x^13 + u'31*x^12 + u'35*x^11 + u'36*x^10 + u'29*x^8 + u'17*x^7 + u'29*x^6 + u'62*x^5 + u'49*x^4 + u'10*x^3 + u'14*x^2 + u'47*x,

u'31*x^60 + u'12*x^58 + u'61*x^57 + u'32*x^56 + u'55*x^54 + u'23*x^53 + u'11*x^52 + u'58*x^51 + u'54*x^50 + u'52*x^49 + u'16*x^48 + u'51*x^46 + u'46*x^45 + u'39*x^44 + u'45*x^43 + u'46*x^42 + u'35*x^41 + u'52*x^40 + u'52*x^39 + u'28*x^38 + u'10*x^37 + u'8*x^36 + u'22*x^35 + u'17*x^34 + u'61*x^33 + u'11*x^32 + u'16*x^30 + u'38*x^29 + u'32*x^28 + u'28*x^27 + u'38*x^26 + u'22*x^25 + u'55*x^24 + u'26*x^23 + u'35*x^22 + u'4*x^21 + u'35*x^20 + u'52*x^19 + u'50*x^18 + u'59*x^17 + u'37*x^16 + u'40*x^15 + u'33*x^14 + u'58*x^13 + u'59*x^12 + u'61*x^11 + u'16*x^10 + u'46*x^9 + u*x^8 + u'7*x^7 + u'14*x^6 + u'13*x^5 + u'57*x^4 + u'55*x^3 + x^2 + u'54*x,

u'47*x^56 + u'49*x^52 + u'58*x^50 + u*x^49 + u'11*x^48 + u'33*x^44 + u'27*x^42 + u'34*x^41 + u'36*x^40 + u'2*x^38 + u'36*x^37 + u'37*x^36 + u'59*x^35 + u'28*x^34 + u'61*x^33 + u'45*x^32 + u'14*x^28 + u'62*x^26 + u'4*x^25 + u'8*x^24 + u'40*x^22 + u'34*x^21 + u'20*x^20 + u'21*x^19 + u'25*x^18 + u'29*x^17 + u'9*x^16 + u'17*x^14 + u'22*x^13 + u'62*x^12 + u'35*x^11 + u'28*x^10 + u'14*x^9 + u'31*x^8 + u'20*x^7 + u'60*x^6 + u'58*x^5 + u'12*x^4 + u'41*x^3 + u'44*x^2 + u'26*x,

u'33*x^56 + u'59*x^52 + u'20*x^50 + u'17*x^49 + u'20*x^48 + u'15*x^44 + u'4*x^42 + u'54*x^41 + u'54*x^40 + u'35*x^38 + u'44*x^37 + u'35*x^36 + u'16*x^35 + u'24*x^34 + u'58*x^33 + u'46*x^32 + u'12*x^28 + u'29*x^26 + u'52*x^25 + u'62*x^24 + u'41*x^22 + u'40*x^21 + u'23*x^20 + u'31*x^19 + u'5*x^18 + u'6*x^17 + u'8*x^16 + u'50*x^14 + u'38*x^13 + u'45*x^12 + u'45*x^11 + u'15*x^10 + u'20*x^9 + u'19*x^8 + u'25*x^7 + u'53*x^6 + u'13*x^5 + u'44*x^4 + u'45*x^3 + u'47*x^2 + u'46*x,

u'48*x^56 + u'45*x^52 + u'3*x^50 + u'51*x^49 + u'42*x^48 + u'26*x^44 + u'19*x^42 + u'5*x^41 + u'32*x^40 + u'26*x^38 + u'34*x^37 + u'29*x^36 + u'53*x^35 + u'2*x^34 + u'32*x^33 + u'3*x^32 + u'42*x^28 + u'36*x^26 + u'45*x^25 + u'29*x^24 + u'38*x^22 + u'51*x^21 + u'45*x^19 + u'20*x^18 + u'58*x^17 + u'4*x^16 + u'24*x^14 + u'15*x^13 + u'23*x^12 + u'32*x^11 + u'6*x^10 + u'16*x^9 + u'18*x^8 + u'29*x^6 + x^5 + u'6*x^4 + u'52*x^3 + u'31*x^2 + u'61*x,

u'3*x^60 + u'47*x^58 + u'33*x^57 + u'54*x^56 + u'27*x^54 + u'58*x^53 + u'28*x^52 + u'30*x^51 + u'49*x^50 + u'48*x^49 + u'46*x^48 + u'23*x^46 + u'18*x^45 + u'47*x^44 + u'17*x^43 + u'25*x^42 + u'36*x^41 + u'24*x^40 + u'24*x^39 + u'47*x^38 + u'39*x^37 + u'61*x^36 + u'38*x^35 + u'27*x^34 + u'52*x^33 + u'15*x^32 + u'51*x^30 + u'10*x^29 + u'28*x^28 + x^27 + u'39*x^26 + u'16*x^25 + u'50*x^24 + u'61*x^23 + u'2*x^22 + u'20*x^21 + u'55*x^20 + u'15*x^19 + u'61*x^18 + u'2*x^17 + u'57*x^16 + u'12*x^15 + u'31*x^14 + u'7*x^13 + u'62*x^12 + u'40*x^11 + u'27*x^10 + u'52*x^9 + u'15*x^8 + u'47*x^7 + u'14*x^6 + u'9*x^5 + u'40*x^4 + u'21*x^3 + u'52*x^2 + u'35*x,

u'42*x^56 + u'6*x^52 + u'48*x^50 + u'19*x^49 + u'55*x^48 + u'18*x^44 + u'17*x^42 + u'3*x^41 + u'44*x^40 + u'23*x^38 + u'54*x^37 + u'15*x^36 + u'59*x^35 + u'59*x^34 + u'25*x^33 + u'5*x^32 + u'43*x^28 + u'29*x^26 + u'53*x^25 + u'3*x^24 + u'45*x^22 + u'36*x^21 + u'34*x^20 + u'51*x^19 + u'56*x^18 + u'6*x^17 + u'7*x^16 + u'23*x^14 + u'11*x^13 + u'15*x^12 + u'17*x^11 + u'58*x^10 + u'3*x^9 + u'50*x^8 + u'48*x^7 + u'18*x^6 + u'61*x^5 + u'26*x^4 + u'16*x^3 + u'6*x^2 + u'6*x,

u'39*x^56 + u'6*x^52 + u'58*x^50 + u'2*x^49 + u'19*x^48 + u'41*x^44 + u'48*x^42 + u'38*x^41 + u'39*x^40 + u'45*x^38 + u'38*x^37 + u'38*x^36 + u'49*x^35 + u'14*x^34 + u'31*x^33 + u'34*x^32 + u'54*x^26 + u'14*x^25 + u'35*x^24 + u'10*x^22 + u'30*x^21 + u'55*x^19 + u'48*x^18 + u'42*x^17 + u'44*x^16 + u'51*x^14 + u'50*x^13 + u'7*x^12 + u'9*x^11 + u'40*x^10 + u'45*x^9 + u'44*x^8 + u'7*x^7 + u'8*x^6 + u'42*x^5 + u'7*x^4 + u'42*x^3 + u'46*x^2 + u'48*x,

u⁵¹*x⁵⁶ + u³⁷*x⁵² + u⁵⁵*x⁵⁰ + u⁴⁷*x⁴⁹ + u⁴⁹*x⁴⁸ + u³⁸*x⁴⁴ + u⁴⁸*x⁴² + u⁴⁸*x⁴¹ + u²⁸*x⁴⁰ + u⁴³*x³⁸ + u⁴⁰*x³⁷ + u¹⁴*x³⁶ + u²²*x³⁵ + u²⁷*x³⁴ + u⁵³*x³³ + u⁵*x³² + u⁴⁹*x²⁸ + u⁵⁷*x²⁶ + u³²*x²⁵ + u¹⁷*x²⁴ + u⁵¹*x²² + u²⁹*x²¹ + u¹⁰*x²⁰ + u²¹*x¹⁹ + u²²*x¹⁸ + u¹⁶*x¹⁷ + u¹⁹*x¹⁶ + u²⁴*x¹⁴ + u³²*x¹³ + u⁵⁷*x¹² + u¹⁰*x¹¹ + u⁴⁸*x¹⁰ + u⁷*x⁹ + u³⁷*x⁸ + u²¹*x⁷ + u²⁵*x⁶ + u³⁵*x⁵ + u³⁸*x⁴ + u²²*x³ + u³⁹*x² + u²⁴*x,

u⁴⁶*x⁵⁶ + u⁴¹*x⁵² + u⁴⁸*x⁵⁰ + u¹⁵*x⁴⁹ + u⁶*x⁴⁸ + x⁴⁴ + u³²*x⁴² + u⁵⁵*x⁴¹ + u²*x⁴⁰ + u⁴⁴*x³⁸ + u⁴²*x³⁷ + u⁴⁸*x³⁶ + u³⁰*x³⁵ + u³⁰*x³⁴ + u⁶⁰*x³³ + u¹⁴*x³² + u⁵⁵*x²⁸ + u⁵²*x²⁶ + u⁴¹*x²⁵ + u¹⁵*x²⁴ + u³⁴*x²² + u⁹*x²¹ + u⁵⁹*x²⁰ + u¹⁷*x¹⁹ + u³⁶*x¹⁸ + u³⁰*x¹⁷ + u⁴¹*x¹⁶ + u¹³*x¹⁴ + u⁵⁵*x¹³ + u³⁶*x¹² + u³⁶*x¹¹ + u⁵⁶*x¹⁰ + u³⁰*x⁹ + u²⁸*x⁸ + u¹⁵*x⁷ + u⁴⁴*x⁶ + u³³*x⁵ + u¹⁷*x⁴ + u⁴³*x³ + u²⁷*x² + u*x,

u²⁷*x⁵⁶ + u⁸*x⁵² + u²⁶*x⁵⁰ + u¹⁰*x⁴⁹ + u³⁸*x⁴⁸ + u¹³*x⁴⁴ + u¹⁶*x⁴² + u⁴¹*x⁴¹ + u²⁹*x⁴⁰ + u⁵⁰*x³⁸ + u¹¹*x³⁷ + u⁴⁹*x³⁶ + u⁵¹*x³⁵ + u⁴²*x³⁴ + u³⁵*x³³ + u⁸*x³² + u²⁶*x²⁸ + u²⁵*x²⁶ + u¹⁴*x²⁵ + u²⁵*x²⁴ + u⁵⁴*x²² + u¹¹*x²¹ + u²⁵*x²⁰ + u³⁸*x¹⁹ + u³¹*x¹⁸ + u⁴⁰*x¹⁷ + u⁹*x¹⁶ + u⁵²*x¹⁴ + u³*x¹³ + u⁴⁶*x¹² + u⁵⁷*x⁹ + u³³*x⁷ + u¹⁵*x⁶ + u¹²*x⁵ + u³⁹*x⁴ + u¹⁷*x³ + u¹²*x² + u⁴⁸*x,

u⁵⁹*x⁵⁶ + u³²*x⁵² + u⁴⁹*x⁵⁰ + u¹⁰*x⁴⁹ + u²¹*x⁴⁸ + u⁵⁷*x⁴⁴ + u³⁸*x⁴² + u⁴⁸*x⁴¹ + u¹⁷*x⁴⁰ + u¹²*x³⁸ + u⁴⁸*x³⁷ + u⁵⁶*x³⁶ + u⁶⁰*x³⁵ + x³⁴ + u¹⁶*x³³ + u⁵*x³² + u⁴³*x²⁸ + u²⁸*x²⁶ + u⁵⁰*x²⁵ + u⁴⁴*x²⁴ + u³⁴*x²² + u⁵³*x²¹ + u⁵³*x¹⁹ + u¹⁸*x¹⁸ + u¹¹*x¹⁷ + u¹³*x¹⁶ + u²⁴*x¹³ + u⁴³*x¹² + u¹⁵*x¹¹ + u⁴⁸*x¹⁰ + u⁷*x⁹ + u⁵⁰*x⁸ + u⁵⁰*x⁷ + u¹⁸*x⁶ + u¹²*x⁵ + u³⁷*x⁴ + u*x³ + u⁴⁹*x² + u⁵⁹*x,

u³⁸*x⁵⁶ + u²⁵*x⁵² + u⁴³*x⁵⁰ + u¹³*x⁴⁹ + u⁴⁷*x⁴⁸ + u⁵⁷*x⁴⁴ + u⁸*x⁴² + u²⁵*x⁴¹ + u⁷*x⁴⁰ + x³⁸ + u⁵⁸*x³⁷ + u²⁷*x³⁶ + u²⁰*x³⁴ + u³¹*x³³ + u³⁷*x³² + u⁴⁵*x²⁸ + u²¹*x²⁶ + u⁴¹*x²⁵ + u⁵²*x²⁴ + u⁵²*x²² + u³³*x²¹ + u⁴⁰*x²⁰ + u⁵⁴*x¹⁹ + u⁵²*x¹⁸ + u⁵⁹*x¹⁷ + u²⁰*x¹⁶ + u³⁶*x¹⁴ + u³³*x¹³ + u⁵⁴*x¹² + u³⁶*x¹¹ + u⁷*x¹⁰ + u²⁹*x⁹ + u¹⁶*x⁸ + u⁵⁶*x⁷ + u²⁵*x⁶ + u⁶²*x⁵ + u²⁴*x⁴ + u²²*x³ + u⁴⁴*x² + u²⁶*x,

u¹⁴*x⁵⁶ + u¹⁶*x⁵² + u¹⁹*x⁵⁰ + u²⁹*x⁴⁹ + u⁶*x⁴⁸ + u⁴¹*x⁴⁴ + u⁴⁵*x⁴² + u⁵⁹*x⁴¹ + u⁵⁸*x⁴⁰ + u⁵⁷*x³⁸ + u⁵⁹*x³⁷ + u¹⁰*x³⁶ + u⁵⁴*x³⁵ + u⁴⁷*x³⁴ + u⁵⁷*x³³ + u⁴⁶*x³² + u¹¹*x²⁸ + u⁴⁹*x²⁶ + u*x²⁵ + u³¹*x²⁴ + u⁵⁰*x²² + u¹²*x²¹ + x²⁰ + u³*x¹⁹ + u¹³*x¹⁸ + u⁵⁸*x¹⁷ + u²²*x¹⁶ + u²⁴*x¹⁴ + u²²*x¹³ + u²⁵*x¹² + u²⁵*x¹¹ + u¹⁶*x¹⁰ + u¹⁰*x⁹ + u*x⁸ + u⁶*x⁷ + x⁶ + u¹⁶*x⁵ + u⁴²*x⁴ + u⁵⁷*x³ + u*x² + u⁵*x,

u⁸*x⁵⁶ + u⁶⁰*x⁵² + u³*x⁵⁰ + u¹⁶*x⁴⁹ + u³⁶*x⁴⁸ + u⁵*x⁴⁴ + u⁵²*x⁴² + u⁴¹*x⁴¹ + u¹⁶*x⁴⁰ + u³⁰*x³⁸ + u¹²*x³⁷ + u¹⁹*x³⁶ + u³*x³⁵ + u¹⁹*x³⁴ + u⁸*x³³ + u²*x³² + u⁴*x²⁸ + u⁸*x²⁶ + u⁴⁸*x²⁵ + u⁵⁶*x²⁴ + u¹⁹*x²¹ + u⁶⁰*x²⁰ + u³⁵*x¹⁹ + u³⁴*x¹⁸ + u²²*x¹⁷ + u⁴³*x¹⁶ + u¹⁵*x¹⁴ + u⁴⁵*x¹³ + u¹⁵*x¹² + u⁵⁴*x¹¹ + u¹⁴*x¹⁰ + u⁷*x⁹ + u³*x⁸ + u³²*x⁷ + u*x⁶ + u¹⁷*x⁵ + u⁵⁵*x⁴ + u³³*x³ + u³³*x² + u²⁷*x,

u⁵⁶*x⁵⁶ + u²⁹*x⁵⁰ + x⁴⁹ + u³⁵*x⁴⁴ + u³⁰*x⁴² + u⁵⁰*x⁴¹ + u¹⁸*x⁴⁰ + u⁸*x³⁸ + u⁴²*x³⁷ + u¹¹*x³⁶ + u³⁹*x³⁵ + u⁴¹*x³⁴ + u²³*x³³ + u*x³² + u²³*x²⁸ + u²⁶*x²⁶ + u⁴⁶*x²⁵ + u⁵⁷*x²⁴ + u¹⁹*x²² + u¹⁷*x²¹ + u¹³*x²⁰ + u⁵⁸*x¹⁹ + u⁴⁴*x¹⁸ + u²⁹*x¹⁷ + u⁵⁰*x¹⁶ + u³⁶*x¹⁴ + u³*x¹³ + u⁵¹*x¹² + u⁸*x¹¹ + u⁵⁹*x¹⁰ + u¹⁰*x⁹ + u²³*x⁸ + u⁶⁰*x⁷ + u⁵*x⁶ + u³⁹*x⁵ + u⁵⁷*x⁴ + u⁴³*x³ + u¹⁹*x² + u⁷*x,

u¹⁴*x⁵⁶ + u⁶¹*x⁵² + u⁴⁹*x⁵⁰ + u²⁹*x⁴⁹ + u¹²*x⁴⁸ + u¹⁰*x⁴⁴ + u³⁵*x⁴² + u⁶²*x⁴¹ + u⁵²*x⁴⁰ + u⁵³*x³⁸ + u¹⁷*x³⁷ + u⁸*x³⁶ + u⁴*x³⁵ + u²²*x³⁴ + u¹³*x³³ + u³²*x³² + u²⁵*x²⁸ + u³⁷*x²⁶ + u⁴⁸*x²⁵ + u⁵¹*x²⁴ + u¹¹*x²² + u⁸*x¹⁹ + u²²*x¹⁸ + u⁴⁷*x¹⁷ + u¹⁹*x¹⁶ + u²⁰*x¹⁴ + u⁸*x¹³ + u²⁹*x¹² + u⁷*x¹¹ + u²*x¹⁰ + u²⁴*x⁹ + u⁴³*x⁸ + u⁶²*x⁷ + u⁸*x⁶ + u³⁵*x⁵ + u³¹*x⁴ + u⁴⁷*x³ + u⁵²*x² + u⁵⁷*x,

x⁵⁶ + u⁶¹*x⁵² + u³*x⁵⁰ + u³³*x⁴⁹ + u²⁵*x⁴⁸ + u³⁶*x⁴⁴ + u³²*x⁴² + u³⁵*x⁴¹ + u⁵*x⁴⁰ + u¹¹*x³⁸ + u¹¹*x³⁷ + u⁴⁷*x³⁶ + u⁴²*x³⁵ + u³⁵*x³⁴ + u¹⁷*x³³ + u¹⁵*x³² + u³⁹*x²⁸ + u¹⁷*x²⁶ + u³*x²⁵ + u⁴*x²⁴ + u⁴⁶*x²² + u⁶⁰*x²¹ + u³⁷*x²⁰ + u⁵⁸*x¹⁹ + u²⁷*x¹⁸ + u⁶⁰*x¹⁷ + u⁵⁰*x¹⁶ + u²⁰*x¹⁴ + u³⁹*x¹³ + u⁴*x¹² + u¹⁷*x¹¹ + u³⁸*x¹⁰ + u⁴⁹*x⁹ + u⁴¹*x⁸ + u³⁴*x⁷ + u⁵²*x⁶ + x⁵ + x⁴ + u³⁹*x³ + u¹⁴*x² + u³²*x,

u²³*x⁶⁰ + u⁴*x⁵⁸ + u⁵³*x⁵⁷ + u³³*x⁵⁶ + u⁴⁷*x⁵⁴ + u¹⁵*x⁵³ + u¹⁰*x⁵² + u⁵⁰*x⁵¹ + u²⁶*x⁵⁰ + u³⁸*x⁴⁹ + u⁵*x⁴⁸ + u⁴³*x⁴⁶ + u³⁸*x⁴⁵ + u²¹*x⁴⁴ + u³⁷*x⁴³ + u⁵*x⁴² + u⁴*x⁴¹ + u⁷*x⁴⁰ + u⁴⁴*x³⁹ + x³⁸ + u³⁰*x³⁷ + u²⁵*x³⁶ + u⁴⁸*x³⁵ + u²²*x³⁴ + u³⁴*x³³ + u¹⁶*x³² + u⁸*x³⁰ + u³⁰*x²⁹ + u⁴⁴*x²⁸ + u²⁰*x²⁷ + u¹⁹*x²⁶ + u⁶²*x²⁵ + u³⁸*x²⁴ + u¹⁸*x²³ + u³⁵*x²² + u⁴⁵*x²¹ + u²⁹*x²⁰ + u⁴¹*x¹⁹ + u¹⁹*x¹⁸ + u⁴⁵*x¹⁷ + u¹⁴*x¹⁶ + u³²*x¹⁵ + u⁴¹*x¹⁴ + u⁵¹*x¹³ + u¹²*x¹² + u⁶*x¹¹ + u⁵⁸*x¹⁰ + u⁴⁸*x⁹ + u⁵⁷*x⁸ + u²⁸*x⁷ + u⁶¹*x⁶ + u¹⁵*x⁵ + u²*x⁴ + u⁵⁶*x³ + u⁶¹*x² + u⁴⁷*x,

u⁴⁴*x⁵⁶ + u⁴⁹*x⁵² + u¹⁷*x⁵⁰ + u³¹*x⁴⁹ + u⁴¹*x⁴⁸ + u³⁹*x⁴⁴ + u⁶²*x⁴² + u²⁰*x⁴¹ + u³³*x⁴⁰ + u³⁰*x³⁸ + u³⁶*x³⁷ + u⁵⁴*x³⁶ + u¹⁸*x³⁵ + u⁴³*x³⁴ + u³⁰*x³³ + u⁵⁹*x³² + u³⁰*x²⁸ + u²³*x²⁶ + u³⁶*x²⁵ + u⁵⁰*x²⁴ + u⁵⁹*x²² + u⁶¹*x²⁰ + u⁵⁰*x¹⁹ + u⁹*x¹⁸ + u⁶⁰*x¹⁷ + u⁹*x¹⁶ + u⁵⁶*x¹⁴ + u⁶¹*x¹³ + u⁶²*x¹² + u¹⁵*x¹¹ + u³⁸*x¹⁰ + u³⁰*x⁹ + u⁴*x⁸ + u¹⁷*x⁷ + u³*x⁶ + u³³*x⁵ + u³⁴*x⁴ + u⁴⁴*x³ + u⁶*x² + u²⁴*x,

u³¹*x⁵⁶ + u³⁷*x⁵² + u³⁵*x⁵⁰ + u³⁸*x⁴⁹ + u⁵⁰*x⁴⁸ + u²¹*x⁴⁴ + u¹⁰*x⁴² + u¹⁸*x⁴¹ + u³⁰*x⁴⁰ + u²³*x³⁸ + u¹¹*x³⁷ + u²⁷*x³⁶ + u¹¹*x³⁵ + u⁵⁰*x³³ + u¹⁴*x³² + u²⁷*x²⁸ + u²⁸*x²⁶ + u³⁰*x²⁵ + u⁵⁷*x²⁴ + u⁹*x²² + u⁴⁶*x²¹ + x²⁰ + u²²*x¹⁹ + u¹¹*x¹⁸ + u⁴⁹*x¹⁷ + u¹⁴*x¹⁶ + u⁵⁶*x¹⁴ + u¹¹*x¹³ + u²¹*x¹² + u⁵⁷*x¹¹ + u*x¹⁰ + u³¹*x⁹ + u³³*x⁸ + u⁴⁹*x⁷ + u⁵⁶*x⁶ + u⁶⁰*x⁵ + u¹³*x⁴ + u⁵⁷*x³ + u⁴⁰*x² + u¹²*x,

u²⁴*x⁶⁰ + u⁵*x⁵⁸ + u⁵⁴*x⁵⁷ + u⁵²*x⁵⁶ + u⁴⁸*x⁵⁴ + u¹⁶*x⁵³ + u¹⁴*x⁵² + u⁵¹*x⁵¹ + u⁵⁷*x⁵⁰ + u⁵⁵*x⁴⁹ + u³⁶*x⁴⁸ + u⁴⁴*x⁴⁶ + u³⁹*x⁴⁵ + u²⁸*x⁴⁴ + u³⁸*x⁴³ + u⁵⁵*x⁴² + u¹⁷*x⁴¹ + u²¹*x⁴⁰ + u⁴⁵*x³⁹ + u⁶⁰*x³⁸ + u⁹*x³⁷ + u⁵⁰*x³⁶ + u⁴⁶*x³⁵ + u³²*x³⁴ + u⁵⁷*x³³ + u⁴²*x³² + u⁹*x³⁰ + u³¹*x²⁹ + u¹⁷*x²⁸ + u²¹*x²⁷ + u⁵⁶*x²⁶ + u¹⁶*x²⁵ + u³²*x²⁴ + u¹⁹*x²³ + u¹⁷*x²² + u⁸*x²¹ + u*x²⁰ + u⁵⁶*x¹⁸ + u⁵⁷*x¹⁷ + u⁵⁰*x¹⁶ + u³³*x¹⁵ + u⁸*x¹⁴ + u⁴⁷*x¹³ + u*x¹² + u⁴³*x¹¹ + u¹³*x¹⁰ + u³²*x⁹ + u³⁶*x⁸ + u³⁷*x⁷ + u¹⁰*x⁶ + u³*x⁵ + u³⁸*x⁴ + u⁴³*x³ + u²⁰*x² + u⁶*x,

u⁴⁹*x⁵⁶ + u⁵⁷*x⁵² + u⁵²*x⁵⁰ + u¹²*x⁴⁹ + u⁵³*x⁴⁸ + u³³*x⁴⁴ + u⁵⁶*x⁴² + u*x⁴¹ + u¹⁶*x⁴⁰ + u³⁵*x³⁸ + u⁴⁰*x³⁷ + u⁵⁸*x³⁶ + u⁶¹*x³⁵ + u³⁵*x³⁴ + u⁵¹*x³³ + u³⁸*x³² + u²³*x²⁸ + u¹⁶*x²⁶ + u¹²*x²⁵ + u*x²⁴ + u¹²*x²² + u⁸*x²¹ + u³⁶*x²⁰ + u⁴⁷*x¹⁹ + u²*x¹⁸ + u¹⁶*x¹⁷ + u⁴⁵*x¹⁶ + u⁵⁸*x¹⁴ + u⁵⁷*x¹³ + u¹⁹*x¹¹ + u¹⁷*x¹⁰ + u²⁰*x⁹ + u⁴⁸*x⁸ + u³⁷*x⁷ + u³⁸*x⁶ + u³¹*x⁵ + u⁴⁰*x⁴ + u²⁵*x³ + u¹⁹*x² + u³⁸*x,

u¹⁹*x⁵⁶ + u¹²*x⁵² + u³⁴*x⁵⁰ + u⁵¹*x⁴⁹ + u⁴¹*x⁴⁸ + u²³*x⁴⁴ + u²¹*x⁴² + u⁴⁹*x⁴¹ + u⁶¹*x⁴⁰ + u¹⁵*x³⁸ + u⁶⁰*x³⁷ + u⁵⁷*x³⁵ + u⁵⁵*x³⁴ + u¹⁶*x³³ + u³⁰*x³² + u¹⁷*x²⁸ + u²⁹*x²⁶ + u⁶⁰*x²⁵ + u⁴⁷*x²⁴ + u⁵⁷*x²² + u⁵⁰*x²¹ + u⁶*x²⁰ + u³⁰*x¹⁹ + u⁴⁶*x¹⁸ + u⁵¹*x¹⁷ + u⁶*x¹⁶ + u⁴⁸*x¹⁴ + u⁵⁵*x¹³ + u⁴⁶*x¹² + u³⁹*x¹¹ + u²⁰*x¹⁰ + u⁵⁶*x⁹ + u*x⁸ + u⁴⁶*x⁷ + u⁶*x⁶ + u⁵⁰*x⁵ + u³²*x⁴ + u*x³ + u⁴⁶*x² + u³³*x,

u²⁷*x⁵⁶ + u¹⁸*x⁵² + u³⁴*x⁵⁰ + u⁴*x⁴⁹ + u²³*x⁴⁸ + u

u^44*x^56 + u^38*x^52 + u^14*x^50 + u^16*x^49 + u^47*x^48 + u^8*x^44 + u^3*x^42 + u^45*x^41 + u^8*x^40 + u^23*x^38 + u^44*x^37 + u^6*x^36 + u^28*x^35 + u^60*x^33 + u^45*x^32 + u^39*x^28 + u^21*x^26 + u^26*x^25 + x^24 + u^43*x^22 + u^14*x^21 + u^29*x^20 + u^58*x^19 + u^5*x^18 + u^21*x^17 + u^45*x^16 + u^60*x^14 + u^62*x^13 + u^42*x^12 + u^34*x^11 + u^3*x^10 + u^21*x^9 + u^11*x^8 + u^39*x^7 + u^55*x^6 + u^4*x^5 + u^34*x^4 + u^18*x^3 + u^50*x^2 + u^22*x,

u^29*x^56 + u^28*x^52 + u^44*x^50 + u^4*x^49 + u^52*x^48 + u^7*x^44 + u^52*x^42 + u^3*x^41 + u^47*x^40 + u^31*x^38 + u^3*x^37 + u^41*x^36 + u^26*x^35 + u^23*x^34 + u^4*x^33 + u^60*x^32 + u^19*x^28 + u^54*x^26 + u^50*x^25 + u^50*x^24 + u^36*x^22 + u^32*x^21 + u^60*x^20 + u^22*x^19 + u^57*x^18 + x^17 + u^33*x^16 + u^17*x^14 + u^43*x^13 + u^30*x^12 + u^30*x^11 + u^40*x^10 + u^44*x^9 + u^23*x^8 + u^48*x^7 + u^31*x^6 + u^2*x^5 + u^36*x^4 + u^20*x^3 + u^14*x^2 + u^41*x,

u^14*x^56 + u^53*x^52 + u^34*x^50 + u^3*x^49 + u^54*x^48 + u^35*x^44 + u^53*x^42 + u^7*x^41 + u^11*x^40 + x^38 + u^4*x^37 + u^19*x^36 + u^34*x^35 + u^21*x^34 + u^8*x^33 + u^19*x^32 + u^14*x^28 + u*x^26 + u^38*x^25 + u^9*x^22 + u^8*x^21 + u^7*x^20 + u^50*x^19 + u^13*x^18 + u^24*x^17 + u^27*x^16 + u^2*x^14 + u^16*x^13 + u^14*x^12 + u^23*x^11 + u^8*x^10 + u^34*x^9 + u^61*x^8 + u^3*x^7 + u^52*x^6 + u^35*x^5 + u^27*x^4 + u^49*x^3 + u^57*x^2 + u^39*x,

u^8*x^56 + u^53*x^52 + u^53*x^50 + u^18*x^49 + u^5*x^48 + u^7*x^44 + u^29*x^42 + u^28*x^40 + u^24*x^38 + u^54*x^37 + u^59*x^36 + u^37*x^35 + u^26*x^34 + u^54*x^33 + u^49*x^32 + u^29*x^28 + u^47*x^26 + u^48*x^25 + u^55*x^24 + u^40*x^22 + u^12*x^21 + u^32*x^20 + u^43*x^18 + u^62*x^18 + u^2*x^17 + u^4*x^16 + u^15*x^14 + u^4*x^13 + u^51*x^12 + u^53*x^11 + u^9*x^10 + u^28*x^9 + u^36*x^8 + u^57*x^7 + u^35*x^6 + u^30*x^5 + u^55*x^4 + u^59*x^3 + x^2 + u^5*x,

u^53*x^56 + u^51*x^50 + u^40*x^49 + u^28*x^48 + u^13*x^44 + u^62*x^42 + u^31*x^41 + u^62*x^40 + u^17*x^38 + u^53*x^37 + u^29*x^36 + u^10*x^35 + u^47*x^34 + u^6*x^33 + u^34*x^32 + u^45*x^26 + u^52*x^25 + u^16*x^24 + u^29*x^22 + u^42*x^21 + u^29*x^20 + u^59*x^19 + u^46*x^18 + u^40*x^17 + u^11*x^16 + u^42*x^14 + u^14*x^13 + u^39*x^12 + u^52*x^11 + u^25*x^10 + u^23*x^9 + u^59*x^8 + u^52*x^7 + u^19*x^6 + u^39*x^5 + u^17*x^4 + u^47*x^3 + u^56*x^2 + u^30*x,

u^62*x^56 + u^25*x^50 + u^50*x^49 + u^20*x^48 + u^53*x^44 + u^43*x^42 + u^43*x^41 + u^53*x^40 + u^54*x^38 + u^20*x^37 + x^36 + u^42*x^35 + u^59*x^34 + u^5*x^33 + u^4*x^32 + u^43*x^28 + u^28*x^26 + u^48*x^25 + u^41*x^24 + u^56*x^22 + u^55*x^21 + u^55*x^20 + u^61*x^19 + u^30*x^17 + u^21*x^16 + u^10*x^14 + u^31*x^13 + u^36*x^12 + u^25*x^10 + u^31*x^9 + u^28*x^8 + u^30*x^6 + u^31*x^5 + u^22*x^4 + u^44*x^3 + u^33*x^2 + u^36*x,

x^56 + u^56*x^52 + u^13*x^50 + u^6*x^49 + u^39*x^48 + u^34*x^44 + u^16*x^42 + u^18*x^41 + u^51*x^40 + u^59*x^38 + u^9*x^37 + u^35*x^36 + u^56*x^35 + u^52*x^34 + u^9*x^33 + u^18*x^32 + u^5*x^28 + u^26*x^26 + u^54*x^25 + u^57*x^24 + u^18*x^22 + u^10*x^21 + u^17*x^20 + u^19*x^19 + u^29*x^18 + u^4*x^17 + u^7*x^16 + u^45*x^14 + u^62*x^13 + u^22*x^12 + u^54*x^11 + u^11*x^10 + u^24*x^9 + u^27*x^8 + u^51*x^7 + u^43*x^6 + u^52*x^5 + u^29*x^4 + u^6*x^3 + u^11*x^2 + u^34*x,

u^58*x^56 + u^16*x^52 + u^10*x^50 + u^55*x^49 + u^33*x^48 + u^51*x^44 + u^7*x^42 + u^10*x^41 + u^40*x^40 + u^35*x^38 + u^5*x^37 + u^15*x^36 + u^61*x^35 + u^29*x^34 + u^32*x^33 + u^41*x^32 + u^22*x^28 + u^56*x^26 + u^39*x^25 + u^43*x^24 + u^38*x^22 + u^27*x^21 + u^2*x^20 + u^25*x^19 + u^19*x^18 + u^54*x^17 + u^34*x^16 + u^49*x^14 + u^18*x^13 + u^35*x^12 + u^14*x^11 + u^29*x^10 + u^51*x^9 + u^62*x^8 + u^43*x^7 + u^32*x^6 + u^41*x^5 + u^50*x^4 + u^19*x^3 + u^29*x^2 + u^61*x,

u^30*x^60 + u^11*x^58 + u^60*x^57 + u^36*x^56 + u^54*x^54 + u^22*x^53 + u^30*x^52 + u^57*x^51 + u^62*x^50 + u^35*x^49 + u^36*x^48 + u^50*x^46 + u^45*x^45 + u^16*x^44 + u^44*x^43 + x^42 + u^50*x^41 + u^28*x^40 + u^51*x^39 + u^48*x^38 + u^39*x^37 + u^17*x^36 + u^55*x^35 + u^59*x^34 + u^32*x^33 + u^35*x^32 + u^15*x^30 + u^37*x^29 + u^55*x^28 + u^27*x^27 + u^47*x^26 + u^10*x^25 + u^27*x^24 + u^25*x^23 + u^39*x^22 + u^38*x^21 + u^40*x^20 + u^52*x^19 + u^11*x^18 + u^33*x^17 + u^8*x^16 + u^39*x^15 + u^50*x^14 + u^35*x^13 + u^38*x^12 + u^48*x^11 + u^29*x^10 + u^48*x^9 + u^22*x^8 + u^46*x^7 + u^42*x^6 + u^29*x^5 + u^35*x^4 + u^3*x^3 + u^36*x^2 + u^27*x,

u^31*x^60 + u^12*x^58 + u^61*x^57 + u^39*x^56 + u^55*x^54 + u^23*x^53 + u^28*x^52 + u^58*x^51 + u^27*x^50 + u^24*x^49 + u^35*x^48 + u^51*x^46 + u^46*x^45 + u^9*x^44 + u^45*x^43 + u^16*x^42 + u^57*x^41 + u^3*x^40 + u^52*x^39 + u^33*x^38 + u^2*x^37 + u^2*x^36 + u^7*x^35 + u^2*x^34 + u^16*x^33 + u^16*x^30 + u^38*x^29 + u^39*x^28 + u^8*x^26 + u^51*x^25 + u^33*x^24 + u^26*x^23 + u^42*x^22 + u^39*x^21 + u^9*x^20 + u*x^19 + u^28*x^18 + u^62*x^17 + u^33*x^16 + u^40*x^15 + u^2*x^14 + u^16*x^13 + u^44*x^12 + u^25*x^11 + u^41*x^10 + u^57*x^9 + u^55*x^8 + u^62*x^7 + u^57*x^6 + u^19*x^5 + u^19*x^4 + u^36*x^2 + u^60*x,

u^14*x^56 + u^3*x^52 + u^10*x^50 + u^23*x^49 + u^59*x^48 + u^20*x^44 + u^60*x^42 + u^19*x^41 + u^34*x^40 + u^41*x^38 + u^58*x^37 + u^14*x^36 + u^23*x^35 + u^48*x^34 + u^45*x^33 + u^40*x^32 + u^5*x^28 + u^49*x^26 + u^29*x^25 + u^18*x^24 + u^51*x^22 + u^21*x^21 + u^44*x^20 + u^18*x^19 + u^54*x^18 + u^48*x^17 + u^25*x^16 + u^9*x^14 + u^12*x^13 + u^36*x^12 + u^61*x^11 + u^52*x^10 + u^5*x^9 + u^2*x^8 + u^4*x^7 + u^25*x^6 + u^29*x^5 + u*x^4 + u^51*x^3 + u^37*x^2 + u^38*x,

u^15*x^56 + u^30*x^52 + u^6*x^50 + u^24*x^49 + u^48*x^48 + u^25*x^44 + u^45*x^42 + u^51*x^40 + u^5*x^38 + u^38*x^37 + u^4*x^36 + u^15*x^35 + u^23*x^34 + u^7*x^33 + u^57*x^32 + u^50*x^28 + u^32*x^26 + u^55*x^25 + u^18*x^24 + u^41*x^22 + u^43*x^21 + u^44*x^20 + u^42*x^19 + u^43*x^18 + u^31*x^17 + u^62*x^16 + u^9*x^14 + u^40*x^13 + u^45*x^12 + u^39*x^11 + u^34*x^10 + u^46*x^9 + u^31*x^8 + u^2*x^7 + u^47*x^6 + u^61*x^5 + u^32*x^4 + u^21*x^3 + u^15*x^2 + u^5*x,

u^34*x^56 + u^12*x^52 + u^51*x^50 + u^61*x^49 + u^5*x^48 + u^26*x^44 + u^28*x^42 + u^61*x^41 + u^8*x^40 + u^60*x^38 + u^60*x^37 + u^60*x^36 + u^39*x^35 + u^25*x^34 + u^10*x^33 + u^31*x^32 + u^45*x^28 + u^5*x^26 + x^25 + u^11*x^24 + u^5*x^22 + u^11*x^21 + u^16*x^20 + u^50*x^19 + u^42*x^18 + u^5*x^17 + u^4*x^16 + u^10*x^14 + u^23*x^13 + u^18*x^12 + u^8*x^11 + u^42*x^10 + u^25*x^9 + u^5*x^8 + u^6*x^7 + u^22*x^6 + u^42*x^5 + u^4*x^4 + u^39*x^3 + u^6*x^2 + u^28*x,

u^9*x^40 + u^9*x^20 + u^4*x^18 + u^9*x^12 + u^4*x^10 + x^9,

u^56*x^56 + u^10*x^52 + u^53*x^49 + u^25*x^48 + u^36*x^44 + u^18*x^42 + u^46*x^41 + u^53*x^40 + u^6*x^38 + u^33*x^37 + u^15*x^36 + u^38*x^35 + u^58*x^34 + u^13*x^33 + u^54*x^32 + u^37*x^28 + u^23*x^26 + u^44*x^25 + u^14*x^24 + u^14*x^22 + u^30*x^21 + u^61*x^20 + u^37*x^19 + u^12*x^18 + u^24*x^17 + u^59*x^16 + u^60*x^14 + u^51*x^13 + u^14*x^12 + x^11 + u^38*x^10 + u^14*x^9 + u^58*x^8 + u^16*x^7 + u^14*x^6 + u^5*x^5 + u^45*x^4 + u^57*x^3 + u^8*x^2 + u^41*x,

u^40*x^56 + u^54*x^52 + u^3*x^50 + u^14*x^49 + u^25*x^48 + u^8*x^44 + u^13*x^42 + u^29*x^41 + u^55*x^40 + u^2*x^38 + u^7*x^37 + u^18*x^36 + u^9*x^35 + u^54*x^34 + u^54*x^33 + x^32 + u*x^28 + u^18*x^26 + u^3*x^25 + u^40*x^24 + u^24*x^22 + u^10*x^21 + u^11*x^20 + u^48*x^19 + u^25*x^18 + u^22*x^17 + u^41*x^16 + x^14 + u^12*x^12 + u^32*x^11 + u^38*x^10 + u^28*x^9 + u^49*x^8 + u^17*x^7 + u^51*x^6 + u^18*x^5 + u^41*x^4 + u^42*x^3 + u^37*x^2 + u^51*x,

u^11*x^56 + u^32*x^52 + u^60*x^50 + u^30*x^49 + u^13*x^48 + u^48*x^44 + u^41*x^42 + u^6*x^41 + u^61*x^40 + u^58*x^38 + u^58*x^36 + u^7*x^35 + u^22*x^34 + u^40*x^33 + u^35*x^32 + u^24*x^28 + u^11*x^26 + u^3*x^25 + u^20*x^24 + u^25*x^22 + u^4*x^21 + u^24*x^20 + u^11*x^19 + u^45*x^18 + u^18*x^17 + u*x^16 + u^62*x^14 + u^11*x^13 + u^50*x^12 + u^4*x^11 + u^10*x^10 + u^6*x^9 + u^13*x^8 + u^41*x^7 + u^15*x^6 + u^26*x^5 + u^50*x^4 + u^15*x^3 + u^8*x^2 + u^4*x,

u^47*x^56 + u^38*x^52 + u^42*x^50 + u^18*x^49 + u^36*x^48 + u^6*x^44 + u^55*x^42 + u^3*x^41 + u^14*x^40 + u^24*x^38 + u^57*x^37 + u^17*x^36 + u^12*x^35 + u^16*x^34 + u^16*x^33 + x^32 + u^36*x^28 + u^4*x^26 + u^47*x^25 + u^27*x^24 + u^60*x^22 + u^32*x^21 + u^21*x^20 + u^9*x^18 + u^5*x^17 + u^52*x^16 + u^40*x^14 + u^46*x^13 + u^44*x^12 + u^2*x^11 + u^40*x^10 + u^4*x^9 + u^19*x^8 + u^62*x^7 + u^36*x^6 + u^23*x^5 + u^40*x^4 + u^53*x^3 + u^21*x^2 + u^3*x,

u^44*x^56 + u^27*x^52 + u^8*x^50 + u^28*x^49 + u^11*x^48 + u^43*x^44 + x^42 + u^62*x^41 + u^17*x^40 + u^52*x^38 + u^58*x^37 + u^42*x^36 + u^14*x^35 + u^33*x^34 + u^6*x^33 + u^61*x^32 + u^40*x^28 + u^51*x^26 + u^50*x^25 + x^24 + u^5*x^22 + u^37*x^21 + u^39*x^20 + u^4*x^19 + u^17*x^18 + u^18*x^17 + u^37*x^16 + u^4*x^14 + u^6*x^13 + u^61*x^12 + u^40*x^11 + u^7*x^10 + u^50*x^9 + u^12*x^8 + u^31*x^7 + u^23*x^6 + u^51*x^5 + u^36*x^4 + u^25*x^3 + u^7*x^2 + u^62*x,

u^35*x^56 + u^27*x^52 + u^4*x^50 + u^48*x^49 + u^27*x^48 + u^52*x^44 + u^18*x^42 + u^9*x^40 + u^28*x^38 + u^28*x^37 + u*x^36 + u^44*x^35 + u*x^34 + u^60*x^33 + u^58*x^32 + u^9*x^28 + x^26 + u^54*x^25 + u^56*x^24 + u^53*x^22 + u^33*x^21 + u^40*x^20 + u^28*x^19 + u^21*x^18 + u^8*x^17 + u^52*x^16 + u^33*x^14 + u^24*x^13 + u^36*x^12 + u^60*x^11 + u^14*x^10 + u^29*x^8 + u^52*x^7 + u^57*x^6 + u^34*x^5 + u^38*x^4 + u^5*x^3 + u^12*x^2 + u^27*x,

u^12*x^56 + u^46*x^52 + u^50*x^50 + u^44*x^49 + u^12*x^48 + u^12*x^44 + u^4*x^42 + u^18*x^41 + u^37*x^40 + x^38 + u^27*x^37 + u^51*x^36 + u^48*x^35 + u^59*x^34 + u^18*x^33 + u^15*x^32 + u^43*x^28 + u^31*x^26 + u^20*x^25 + u^19*x^24 + u^45*x^22 + u^23*x^21 + u^62*x^20 + u^59*x^19 + u^24*x^18 + u^22*x^17 + u^45*x^16 + u^60*x^14 + u^17*x^13 + u^21*x^12 + u^53*x^11 + u^10*x^10 + u^27*x^9 + u^40*x^8 + u^24*x^7 + u^48*x^6 + u^50*x^5 + u^30*x^4 + u^17*x^3 + u^4*x^2 + u^51*x,

u^30*x^60 + u^11*x^58 + u^60*x^57 + u^43*x^56 + u^54*x^54 + u^22*x^53 + u^45*x^52 + u^57*x^51 + u^60*x^50 + u^8*x^49 + u^4*x^48 + u^50*x^46 + u^45*x^45 + u^22*x^44 + u^44*x^43 + u^30*x^42 + u^31*x^41 + u^42*x^40 + u^51*x^39 + u^27*x^38 + u^59*x^36 + u^53*x^35 + u^2*x^34 + u^2*x^33 + u^5*x^32 + u^15*x^30 + u^37*x^29 + u^47*x^28 + u^27*x^27 + u^26*x^26 + u^22*x^25 + u^39*x^24 + u^25*x^23 + u^17*x^22 + u^30*x^21 + u^31*x^20 + u^14*x^19 + u^37*x^18 + u^36*x^17 + u^42*x^16 + u^39*x^15 + u^24*x^14 + u^60*x^13 + u^17*x^12 + u^52*x^11 + u^3*x^10 + u^23*x^9 + u^40*x^8 + u^15*x^7 + u^62*x^6 + u^9*x^5 + u^5*x^4 + u^7*x^3 + u^51*x^2 + u^45*x,

u^54*x^56 + u*x^52 + u^10*x^50 + u^56*x^49 + u^7*x^48 + u^50*x^44 + u^28*x^42 + u^36*x^40 + u^17*x^38 + u^28*x^37 + u^34*x^36 + u^16*x^35 + u^53*x^34 + u^35*x^33 + u^19*x^32 + u^22*x^28 + u^19*x^26 + u^26*x^25 + u^33*x^24 + u^43*x^22 + u^16*x^21 + u^5*x^20 + u^49*x^19 + u^49*x^18 + u^12*x^17 + u^6*x^16 + u^2*x^14 + u^38*x^13 + u^44*x^12 + u^55*x^11 + u^28*x^10 + u^4*x^9 + u^48*x^8 + u^24*x^7 + u^38*x^6 + u^59*x^3 + u^35*x^2 + u^37*x,

u^58*x^56 + u^42*x^52 + u^23*x^50 + u^25*x^49 + u^8*x^48 + u^37*x^44 + u^62*x^42 + u^36*x^41 + u^54*x^40 + u^62*x^38 + u*x^37 + u^17*x^36 + u^8*x^35 + u^48*x^34 + u^28*x^33 + u^52*x^32 + u^24*x^28 + u^52*x^26 + u*x^25 + x^24 + u^2*x^22 + u^22*x^21 + u^28*x^20 + u^45*x^19 + u^17*x^18 + u^61*x^17 + u^34*x^16 + u^41*x^14 + u^26*x^13 + u^53*x^12 + x^11 + u^43*x^10 + u^10*x^9 + u^13*x^8 + u^20*x^7 + u^38*x^6 + u^45*x^5 + u^29*x^4 + u^13*x^3 + u^13*x^2 + u^53*x,

u^12*x^60 + u^56*x^58 + u^42*x^57 + u^56*x^56 + u^36*x^54 + u^4*x^53 + u^6*x^52 + u^39*x^51 + u^41*x^50 + u^32*x^49 + u^54*x^48 + u^32*x^46 + u^27*x^45 + u^26*x^44 + u^26*x^43 + u^12*x^42 + u^9*x^41 + u^32*x^40 + u^33*x^39 + u^27*x^38 + u^10*x^37 + u^28*x^36 + u^50*x^35 + u^7*x^34 + u^10*x^33 + u^56*x^32 + u^60*x^30 + u^19*x^29 + u^3*x^28 + u^9*x^27 + u^25*x^26 + u^49*x^25 + u^6*x^24 + u^7*x^23 + u^36*x^22 + u^24*x^21 + u^48*x^20 + u^53*x^19 + u^44*x^18 + u^3*x^17 + u^40*x^16 + u^21*x^15 + u^33*x^14 + u^22*x^13 + u^15*x^12 + u^9*x^11 + u^13*x^10 + u^36*x^9 + u^23*x^8 + u^4*x^7 + u^49*x^6 + u^61*x^5 + u^58*x^4 + u^60*x^3 + u^52*x^2 + u*x,

u²⁶*x⁵⁶ + u¹⁷*x⁵² + u³*x⁵⁰ + u⁵⁷*x⁴⁹ + u³*x⁴⁸ + u²³*x⁴⁴ + u³*x⁴² + u⁵⁸*x⁴¹ + u¹⁹*x⁴⁰ + u⁴*x³⁸ + u⁵⁰*x³⁷ + u⁶*x³⁶ + u³²*x³⁵ + u³⁰*x³⁴ + u⁴⁸*x³³ + u³⁴*x³² + u¹²*x²⁸ + u⁶¹*x²⁶ + u¹¹*x²⁵ + u²¹*x²⁴ + u¹⁹*x²² + u⁵²*x²¹ + u*x²⁰ + u³⁴*x¹⁹ + u⁵³*x¹⁸ + u⁴⁷*x¹⁷ + u¹⁵*x¹⁶ + u⁴¹*x¹⁴ + u¹⁹*x¹³ + u²⁴*x¹² + u⁴⁹*x¹¹ + u⁴⁰*x¹⁰ + u¹¹*x⁹ + x⁸ + u²⁴*x⁷ + u⁴⁷*x⁶ + u³⁹*x⁵ + u³⁸*x⁴ + u¹⁵*x³ + u⁴*x² + u³¹*x,

u³*x⁵⁶ + u³⁴*x⁵² + u¹⁰*x⁵⁰ + u⁴*x⁴⁹ + u³³*x⁴⁸ + u³⁸*x⁴⁴ + x⁴² + u¹⁹*x⁴¹ + u³²*x⁴⁰ + u⁵⁷*x³⁸ + u²⁴*x³⁷ + u²³*x³⁶ + u³⁷*x³⁵ + u⁵²*x³⁴ + u³⁸*x³³ + u⁵²*x³² + u²⁴*x²⁸ + u⁴³*x²⁶ + u¹⁰*x²⁵ + u³⁰*x²⁴ + u⁵⁶*x²² + u²⁴*x²¹ + u³⁹*x²⁰ + u⁵¹*x¹⁹ + u¹³*x¹⁸ + u⁵⁷*x¹⁷ + u¹²*x¹⁶ + u⁵⁶*x¹⁴ + u⁶¹*x¹³ + u²⁹*x¹² + u⁴⁷*x¹¹ + u¹⁴*x¹⁰ + u⁶¹*x⁹ + u⁶¹*x⁸ + u²⁵*x⁷ + u⁶*x⁶ + u¹⁶*x⁵ + u²²*x⁴ + u¹³*x³ + u²⁸*x² + u⁸*x

1;

Function:

u⁵²*x³ + u⁴⁷*x⁵ + u*x⁶ + u⁹*x⁹ + u⁴⁴*x¹² + u⁴⁷*x³³ + u¹⁰*x³⁴ + u³³*x⁴⁰,

#EA—Classes: 92

DEGREE: { * 2, 3¹⁶, 4²² * }

Representatives:

[u²⁸*x⁵⁶ + u⁶⁰*x⁵² + u⁶*x⁵⁰ + u⁴²*x⁴⁹ + u¹⁸*x⁴⁸ + u⁶²*x⁴⁴ + u²³*x⁴² + u¹¹*x⁴¹ + u⁵⁹*x⁴⁰ + x³⁸ + u⁹*x³⁷ + u⁵³*x³⁶ + u²⁶*x³⁵ + u⁶⁰*x³⁴ + u³⁷*x³³ + u⁴⁵*x³² + u¹⁵*x²⁸ + u⁵⁹*x²⁶ + u⁵²*x²⁵ + u³⁸*x²⁴ + u⁹*x²² + u⁴³*x²¹ + u¹²*x²⁰ + u⁴⁶*x¹⁹ + x¹⁸ + u³⁰*x¹⁷ + u¹⁴*x¹⁴ + u³⁵*x¹³ + u⁵⁵*x¹² + u⁵*x¹¹ + u³¹*x¹⁰ + u⁵⁴*x⁹ + u⁵⁷*x⁸ + u¹⁷*x⁷ + u¹⁹*x⁶ + u²⁸*x⁵ + u³²*x⁴ + u⁸*x³ + u³⁷*x² + u³⁴*x,

u⁴¹*x⁵⁶ + u³³*x⁵² + u³⁴*x⁵⁰ + u⁵¹*x⁴⁹ + u³⁸*x⁴⁸ + u¹⁹*x⁴⁴ + u²*x⁴² + u¹⁴*x⁴¹ + u³⁷*x⁴⁰ + u²¹*x³⁸ + u²³*x³⁷ + u⁴⁹*x³⁶ + u²*x³⁵ + u⁷*x³⁴ + u⁸*x³³ + u⁴⁶*x³² + u²⁴*x²⁸ + u²⁰*x²⁶ + u⁷*x²⁵ + u⁶¹*x²⁴ + u⁵⁴*x²² + u²⁷*x²¹ + u¹⁴*x²⁰ + u⁵⁴*x¹⁹ + u³²*x¹⁸ + u¹⁰*x¹⁷ + u³⁹*x¹⁶ + u⁵³*x¹⁴ + u⁴⁰*x¹³ + u⁶²*x¹² + u¹⁶*x¹¹ + u²⁰*x¹⁰ + u³⁵*x⁹ + u¹⁴*x⁸ + u⁴⁷*x⁷ + u⁵¹*x⁶ + u¹¹*x⁵ + u⁴⁶*x⁴ + u²⁵*x³ + u⁵⁹*x² + u¹⁷*x,

u⁶⁰*x⁵⁶ + u³⁷*x⁵² + u³⁰*x⁵⁰ + u²⁶*x⁴⁹ + u⁴⁰*x⁴⁸ + u³⁴*x⁴⁴ + u⁵¹*x⁴² + u⁶¹*x⁴¹ + u⁵⁵*x³⁸ + u¹⁶*x³⁷ + u⁵⁶*x³⁶ + u⁵²*x³⁵ + u⁷*x³⁴ + u⁵*x³³ + u⁸*x³² + u⁵³*x²⁸ + u⁴⁵*x²⁶ + u⁶²*x²⁵ + u²⁰*x²⁴ + u¹⁵*x²² + u¹³*x²¹ + u⁴³*x²⁰ + u⁵³*x¹⁹ + u⁵³*x¹⁸ + u²⁹*x¹⁷ + x¹⁶ + u⁴⁴*x¹⁴ + u⁵⁷*x¹³ + u⁴⁷*x¹² + u²⁶*x¹¹ + u⁵⁵*x¹⁰ + u⁴⁷*x⁹ + u⁵⁴*x⁸ + u⁴⁶*x⁷ + u²⁸*x⁶ + u³¹*x⁵ + u³⁰*x⁴ + u²⁷*x³ + u²*x² + u²⁵*x,

u⁵⁸*x⁵⁶ + u³⁸*x⁵² + u²⁸*x⁵⁰ + u⁵⁷*x⁴⁸ + u⁴⁶*x⁴⁴ + u⁶⁰*x⁴² + u⁴⁸*x⁴¹ + u⁵¹*x⁴⁰ + u⁷*x³⁸ + u*x³⁷ + u⁵⁴*x³⁶ + u⁹*x³⁵ + u⁴⁵*x³⁴ + u²⁹*x³³ + u²*x³² + u*x²⁸ + u¹³*x²⁶ + u³*x²⁵ + u²⁰*x²⁴ + u³⁸*x²² + u⁵²*x²¹ + u³⁹*x²⁰ + u²⁸*x¹⁹ + u²⁰*x¹⁸ + u³¹*x¹⁷ + u⁴*x¹⁶ + u³⁵*x¹⁴ + u¹⁹*x¹³ + u⁴⁴*x¹² + u⁵³*x¹¹ + u¹²*x¹⁰ + u¹⁷*x⁹ + u³¹*x⁸ + u⁴²*x⁷ + u¹⁴*x⁶ + u⁴⁸*x⁵ + u³²*x⁴ + u*x³ + u⁵⁰*x² + u⁴⁷*x,

u¹⁴*x⁶⁰ + u⁵⁸*x⁵⁸ + u⁴⁴*x⁵⁷ + u⁴⁴*x⁵⁶ + u³⁸*x⁵⁴ + u⁶*x⁵³ + u³²*x⁵² + u⁴¹*x⁵¹ + u⁶*x⁵⁰ + u⁷*x⁴⁹ + u³⁴*x⁴⁶ + u²⁹*x⁴⁵ + u⁴⁷*x⁴⁴ + u²⁸*x⁴³ + u⁵*x⁴² + u⁹*x⁴¹ + u¹⁵*x⁴⁰ + u³⁵*x³⁹ + u³*x³⁸ + u*x³⁷ + u²⁰*x³⁶ + u¹³*x³⁵ + u⁴⁷*x³³ + u³³*x³² + u⁶²*x³⁰ + u²¹*x²⁹ + u⁴³*x²⁸ + u¹¹*x²⁷ + u¹⁹*x²⁶ + u²⁸*x²⁵ + u²²*x²⁴ + u⁹*x²³ + u⁴⁵*x²² + u³⁸*x²¹ + u⁴⁰*x²⁰ + u³⁷*x¹⁹ + u⁵⁷*x¹⁸ + u⁵⁵*x¹⁷ + u¹⁴*x¹⁶ + u²³*x¹⁵ + u³⁸*x¹⁴ + u¹⁵*x¹³ + u*x¹² + u⁵⁵*x¹¹ + u⁴*x¹⁰ + u⁵⁰*x⁹ + u³²*x⁸ + u¹²*x⁷ + u⁴⁹*x⁶ + u³⁷*x⁵ + u*x⁴ + u²⁶*x³ + u¹¹*x² + u¹⁷*x,

u³⁹*x⁵⁶ + u⁵*x⁵² + u⁵⁷*x⁵⁰ + u²⁶*x⁴⁹ + u⁵⁸*x⁴⁸ + u⁵⁷*x⁴⁴ + u³¹*x⁴² + u⁵*x⁴¹ + u³*x⁴⁰ + u³⁷*x³⁸ + u⁴⁸*x³⁷ + u²⁹*x³⁶ + u⁴*x³⁵ + u²*x³⁴ + u⁸*x³³ + u³¹*x³² + u¹⁵*x²⁸ + u⁶*x²⁶ + u⁴⁷*x²⁵ + u⁵⁵*x²⁴ + u⁵⁸*x²² + u³*x²¹ + u³⁵*x²⁰ + u¹⁹*x¹⁹ + u³⁸*x¹⁸ + u¹⁰*x¹⁷ + u⁵⁹*x¹⁶ + u⁵⁶*x¹⁴ + u⁶¹*x¹³ + u¹⁶*x¹² + u⁵⁹*x¹¹ + u⁵⁰*x¹⁰ + u⁴⁰*x⁹ + u⁵³*x⁸ + u³⁰*x⁷ + u³³*x⁶ + u⁵⁵*x⁵ + u⁴⁷*x⁴ + u³⁴*x³ + u⁴⁰*x² + u⁹*x,

u³⁴*x⁶⁰ + u¹⁵*x⁵⁸ + u*x⁵⁷ + u²⁷*x⁵⁶ + u⁵⁸*x⁵⁴ + u²⁶*x⁵³ + u¹⁴*x⁵² + u⁶¹*x⁵¹ + u⁵²*x⁵⁰ + u⁵³*x⁴⁹ + u*x⁴⁸ + u⁵⁴*x⁴⁶ + u⁴⁹*x⁴⁵ + u³³*x⁴⁴ + u⁴⁸*x⁴³ + u³⁷*x⁴² + x⁴¹ + u²*x⁴⁰ + u⁵⁵*x³⁹ + u⁵⁷*x³⁸ + u¹⁶*x³⁷ + u⁴²*x³⁶ + u⁴³*x³⁴ + u⁵⁴*x³³ + u⁴⁴*x³² + u¹⁹*x³⁰ + u⁴¹*x²⁹ + u³²*x²⁸ + u³¹*x²⁷ + u⁴⁹*x²⁶ + u²⁵*x²⁵ + u²⁸*x²⁴ + u²⁹*x²³ + u¹⁴*x²² + u²¹*x²¹ + u⁵³*x²⁰ + u⁵⁸*x¹⁹ + u³⁷*x¹⁸ + u³⁰*x¹⁷ + u³³*x¹⁶ + u⁴³*x¹⁵ + u²⁷*x¹⁴ + u⁴⁹*x¹³ + u⁶*x¹² + u⁵³*x¹¹ + u⁴¹*x¹⁰ + u³¹*x⁹ + u³⁸*x⁸ + u³*x⁷ + u³¹*x⁶ + u⁵⁹*x⁵ + u³⁶*x⁴ + u³⁵*x³ + u¹⁹*x² + u¹³*x,

u⁵⁶*x⁵⁶ + u³¹*x⁵² + u⁴⁰*x⁵⁰ + u²⁸*x⁴⁹ + u³⁷*x⁴⁸ + u⁶¹*x⁴⁴ + u³⁰*x⁴² + u⁵⁵*x⁴¹ + u¹⁵*x⁴⁰ + u³⁵*x³⁸ + u⁴¹*x³⁷ + u⁵⁵*x³⁶ + u⁵²*x³⁵ + u¹⁸*x³⁴ + u³⁴*x³³ + u¹³*x³² + u²⁶*x²⁸ + u²⁰*x²⁶ + u⁵⁵*x²⁵ + u⁵⁴*x²⁴ + u³⁴*x²² + u⁴⁸*x²¹ + u²⁶*x¹⁹ + u³⁴*x¹⁸ + u⁵⁸*x¹⁷ + u³⁰*x¹⁶ + u⁵⁹*x¹⁴ + u³³*x¹³ + u⁶⁰*x¹² + u³⁹*x¹¹ + u⁶²*x¹⁰ + u¹⁷*x⁹ + u³⁷*x⁸ + u²¹*x⁷ + u⁵⁰*x⁶ + u⁵³*x⁵ + u³¹*x⁴ + u³*x³ + u⁴¹*x² + u⁵¹*x,

u³⁸*x⁵⁶ + u⁵⁵*x⁵² + u³⁷*x⁵⁰ + u⁴⁷*x⁴⁹ + u⁴⁷*x⁴⁸ + u⁴⁰*x⁴⁴ + u⁴⁰*x⁴² + u⁴*x⁴¹ + u⁹*x⁴⁰ + u³⁹*x³⁸ + u¹⁰*x³⁷ + u⁴*x³⁶ + u³⁹*x³⁵ + x³⁴ + u⁵⁸*x³³ + u⁵⁹*x³² + u¹⁸*x²⁸ + u³⁵*x²⁶ + u¹⁰*x²⁵ + u¹⁰*x²⁴ + u¹⁰*x²⁴ + u²¹*x²² + u*x²¹ + u⁶²*x²⁰ + u²²*x¹⁹ + u⁹¹*x¹⁷ + u*x¹⁶ + u⁶*x¹⁴ + u⁴²*x¹³ + u⁵⁴*x¹² + u²⁷*x¹¹ + u¹⁸*x¹⁰ + u³⁶*x⁹ + u³⁶*x⁸ + u⁴⁷*x⁷ + u³⁷*x⁶ + u²⁵*x⁵ + u⁵⁰*x⁴ + u²⁰*x³ + u¹⁴*x² + u³⁷*x,

u³¹*x⁶⁰ + u¹²*x⁵⁸ + u⁶¹*x⁵⁷ + u⁵⁰*x⁵⁶ + u⁵⁵*x⁵⁴ + u²³*x⁵³ + u³²*x⁵² + u⁵⁸*x⁵¹ + u⁴⁴*x⁵⁰ + u³⁴*x⁴⁹ + x⁴⁸ + u⁵¹*x⁴⁶ + u⁴⁶*x⁴⁵ + u⁵⁶*x⁴⁴ + u⁴⁵*x⁴³ + u⁴⁸*x⁴² + u⁴³*x⁴¹ + u⁶¹*x⁴⁰ + u⁵²*x³⁹ + u⁶*x³⁸ + u²⁰*x³⁷ + u²³*x³⁶ + u⁵⁷*x³⁵ + u³*x³⁴ + u⁴⁷*x³³ + u⁴⁰*x³² + u¹⁶*x³⁰ + u³⁸*x²⁹ + u⁶²*x²⁸ + u²⁸*x²⁷ + u⁹*x²⁶ + u⁴⁴*x²⁵ + u¹⁶*x²⁴ + u²⁶*x²³ + u⁵⁰*x²² + u¹⁴*x²¹ + u⁵⁶*x²⁰ + u⁷*x¹⁹ + u⁵²*x¹⁸ + u⁵⁴*x¹⁷ + u⁴⁵*x¹⁶ + u⁴⁰*x¹⁵ + u¹⁸*x¹⁴ + u⁵³*x¹³ + u⁸*x¹² + u¹⁷*x¹¹ + u²⁰*x¹⁰ + u⁴³*x⁹ + u¹⁰*x⁸ + u¹⁴*x⁷ + u⁴³*x⁶ + u⁹*x⁵ + u²⁶*x⁴ + u⁴*x³ + u²²*x² + u²⁶*x,

u⁵⁴*x⁵⁶ + u¹⁹*x⁵² + u³*x⁵⁰ + u¹⁰*x⁴⁹ + u⁵²*x⁴⁸ + u³¹*x⁴⁴ + u⁶¹*x⁴² + u³³*x⁴¹ + u⁴⁷*x⁴⁰ + u⁵¹*x³⁸ + u¹⁸*x³⁷ + u³³*x³⁶ + u⁶*x³⁵ + u⁶⁰*x³⁴ + u⁵⁵*x³³ + u³³*x³² + u³¹*x²⁸ + u⁷*x²⁶ + u³⁶*x²⁵ + u¹⁰*x²⁴ + u⁴⁶*x²² + u⁴⁴*x²¹ + u¹⁸*x²⁰ + u³⁸*x¹⁹ + u⁴⁹*x¹⁸ + u⁶²*x¹⁶ + u³⁰*x¹⁴ + u*x¹³ + u²⁹*x¹² + u⁴¹*x¹¹ + u¹⁷*x¹⁰ + u¹⁷*x⁹ + u⁴²*x⁸ + u⁶²*x⁷ + u⁴³*x⁶ + u³⁷*x⁵ + u²¹*x⁴ + u²⁷*x³ + u²³*x² + u²²*x,

u¹⁵*x⁵⁶ + u³⁵*x⁵² + u²⁸*x⁵⁰ + u²⁵*x⁴⁹ + u⁴⁹*x⁴⁸ + u⁵⁴*x⁴⁴ + u⁴⁸*x⁴¹ + u⁵⁰*x⁴⁰ + x³⁸ + u²⁵*x³⁷ + x³⁶ + u*x³⁵ + u⁴⁰*x³⁴ + u¹³*x³³ + u²²*x³² + u³²*x²⁸ + u³⁵*x²⁶ + u²⁵*x²⁵ + u⁵*x²⁴ + u⁵¹*x²² + u*x²¹ + u⁵⁸*x²⁰ + u³⁸*x¹⁹ + u²⁹*x¹⁸ + u⁴²*x¹⁷ + u⁵²*x¹⁶ + u²²*x¹⁴ + u⁴⁴*x¹³ + u¹⁸*x¹² + u³⁵*x¹¹ + u⁵*x¹⁰ + u³⁹*x⁹ + u⁵⁵*x⁸ + x⁷ + u⁵⁴*x⁶ + u¹⁵*x⁵ + u²²*x⁴ + u⁵¹*x³ + u⁴*x² + u³*x,

u⁸*x⁶⁰ + u⁵²*x⁵⁸ + u³⁸*x⁵⁷ + u⁵⁷*x⁵⁶ + u³²*x⁵⁴ + x⁵³ + u⁶²*x⁵² + u³⁵*x⁵¹ + u⁵⁰*x⁵⁰ + u⁵*x⁴⁹ + u³³*x⁴⁸ + u²⁸*x⁴⁶ + u²³*x⁴⁵ + u⁵⁵*x⁴⁴ + u²²*x⁴³ + u⁵⁶*x⁴² + u³³*x⁴¹ + u³⁰*x⁴⁰ + u²⁹*x³⁹ + u¹⁵*x³⁸ + u²¹*x³⁷ + u⁴⁴*x³⁶ + u²*x³⁵ + u³²*x³⁴ + u²⁰*x³³ + u⁵⁸

u⁵*x⁵⁶ + u²⁶*x⁵² + u⁵⁸*x⁵⁰ + u⁵⁸*x⁴⁹ + u⁴⁰*x⁴⁸ + u⁴*x⁴⁴ + u²³*x⁴² + u³⁹*x⁴¹ + u⁴⁷*x⁴⁰ + u¹⁷*x³⁸ + u⁴⁹*x³⁷ + u²³*x³⁶ + u²⁹*x³⁵ + u²⁸*x³⁴ + u⁵¹*x³³ + u³⁰*x³² + u⁵¹*x²⁸ + u⁵⁰*x²⁶ + u²⁵*x²⁵ + u¹⁰*x²⁴ + u³¹*x²² + u³¹*x²¹ + u²⁰*x²⁰ + u³⁷*x¹⁹ + u⁵²*x¹⁸ + u³⁹*x¹⁷ + x¹⁶ + u³⁷*x¹⁴ + u¹²*x¹³ + u⁴*x¹² + u⁴¹*x¹¹ + u¹⁹*x¹⁰ + u⁴⁴*x⁹ + u¹⁵*x⁸ + u³⁵*x⁷ + u⁴*x⁶ + u⁵⁹*x⁵ + u³²*x⁴ + u⁵⁵*x³ + u³¹*x² + u²⁰*x,

u¹⁴*x⁶⁰ + u⁵⁸*x⁵⁸ + u⁴⁴*x⁵⁷ + u²⁴*x⁵⁶ + u³⁸*x⁵⁴ + u⁶*x⁵³ + u³⁶*x⁵² + u⁴¹*x⁵¹ + u⁴²*x⁵⁰ + u³⁰*x⁴⁹ + u⁴⁶*x⁴⁸ + u³⁴*x⁴⁶ + u²⁹*x⁴⁵ + u²²*x⁴⁴ + u²⁸*x⁴³ + u²⁶*x⁴² + u⁵³*x⁴¹ + u*x⁴⁰ + u³⁵*x³⁹ + u⁴⁰*x³⁸ + u¹⁴*x³⁷ + u⁵⁸*x³⁶ + u³⁷*x³⁵ + u²²*x³⁴ + u⁸*x³³ + u⁵⁴*x³² + u⁶²*x³⁰ + u²¹*x²⁹ + u¹⁵*x²⁸ + u¹¹*x²⁷ + u³³*x²⁶ + u⁷*x²⁵ + u³*x²⁴ + u⁹*x²³ + u²*x²² + u³⁰*x²¹ + u²⁷*x²⁰ + u⁵*x¹⁹ + u⁵⁹*x¹⁸ + u¹⁵*x¹⁷ + u¹³*x¹⁶ + u²³*x¹⁵ + u⁵⁹*x¹³ + u⁵⁵*x¹² + u⁴⁵*x¹¹ + u²¹*x¹⁰ + u⁴*x⁹ + u³⁹*x⁸ + u⁶*x⁷ + u²¹*x⁶ + u⁴¹*x⁵ + u³⁷*x⁴ + u¹²*x³ + u⁶²*x² + u¹⁵*x,

u¹⁰*x⁵⁶ + u¹⁹*x⁵² + u³⁴*x⁵⁰ + u³*x⁴⁹ + u⁵⁰*x⁴⁸ + u¹¹*x⁴⁴ + u⁵⁴*x⁴² + u¹³*x⁴¹ + u⁴⁷*x⁴⁰ + u²⁴*x³⁸ + u⁹*x³⁷ + u²¹*x³⁶ + u⁴⁷*x³⁵ + u⁵⁸*x³⁴ + u⁶*x³³ + u⁴⁷*x³² + u³²*x²⁸ + u¹³*x²⁶ + u⁴⁴*x²⁵ + u⁷*x²⁴ + u⁵⁸*x²¹ + u⁵⁸*x²⁰ + u³²*x¹⁹ + u²⁸*x¹⁸ + u²⁷*x¹⁷ + u⁴¹*x¹⁶ + u⁵⁰*x¹⁴ + u⁴⁶*x¹³ + u¹³*x¹² + u³⁹*x¹¹ + u¹³*x¹⁰ + u⁴¹*x⁹ + u²³*x⁸ + u³⁰*x⁷ + u⁴⁰*x⁶ + u³⁸*x⁵ + u²²*x⁴ + u⁴⁰*x³ + u¹⁷*x² + u⁶⁰*x,

u⁸*x⁶⁰ + u⁵²*x⁵⁸ + u³⁸*x⁵⁷ + u³⁸*x⁵⁶ + u³²*x⁵⁴ + x⁵³ + u²⁶*x⁵² + u³⁵*x⁵¹ + u²⁰*x⁵⁰ + u⁴⁷*x⁴⁹ + u³¹*x⁴⁸ + u²⁸*x⁴⁶ + u²³*x⁴⁵ + u²⁹*x⁴⁴ + u²²*x⁴³ + u⁵⁵*x⁴² + u³³*x⁴¹ + u¹²*x⁴⁰ + u²⁹*x³⁹ + u²⁴*x³⁷ + u²⁸*x³⁶ + u¹⁶*x³⁵ + u²⁸*x³⁴ + u¹⁰*x³³ + u⁹*x³² + u⁵⁶*x³⁰ + u¹⁵*x²⁹ + u⁴⁰*x²⁸ + u⁵*x²⁷ + u³⁸*x²⁶ + u⁴²*x²⁵ + u¹⁹*x²⁴ + u³*x²³ + u⁴⁵*x²² + u⁴⁷*x²¹ + u⁴⁵*x²⁰ + u³⁶*x¹⁹ + u³²*x¹⁸ + u⁵⁰*x¹⁷ + u⁵³*x¹⁶ + u¹⁷*x¹⁵ + u⁴³*x¹⁴ + u⁴³*x¹³ + u²⁶*x¹² + u⁶⁰*x¹¹ + u⁴³*x¹⁰ + u³⁷*x⁹ + u²¹*x⁸ + u⁴⁰*x⁷ + u¹⁰*x⁶ + u⁴¹*x⁵ + u²⁰*x⁴ + u⁸*x³ + u⁴⁴*x² + u⁴¹*x,

u³⁸*x⁵⁶ + u⁵⁶*x⁵⁰ + u¹⁶*x⁴⁹ + u⁴⁹*x⁴⁸ + u⁶¹*x⁴⁴ + u⁹*x⁴² + u³³*x⁴¹ + u⁴¹*x⁴⁰ + u³⁷*x³⁸ + u⁴*x³⁷ + u*x³⁶ + u⁶¹*x³⁵ + u⁵¹*x³⁴ + u³⁰*x³³ + u³⁷*x³² + u⁷*x²⁸ + u¹⁴*x²⁶ + u⁵²*x²⁵ + u¹²*x²⁴ + u³⁰*x²² + u⁴²*x²¹ + u¹³*x²⁰ + u³¹*x¹⁸ + u¹⁹*x¹⁷ + u⁸*x¹⁶ + u⁵²*x¹⁴ + u⁹*x¹³ + u³⁷*x¹² + u³⁵*x¹¹ + u⁵⁸*x¹⁰ + u⁴⁶*x⁹ + u²¹*x⁸ + u¹²*x⁷ + u⁵⁷*x⁶ + u⁵¹*x⁵ + u³⁸*x⁴ + u¹⁰*x³ + u⁵⁹*x² + u⁴²*x,

u¹⁰*x⁵⁶ + u¹³*x⁵² + u²⁴*x⁵⁰ + u¹³*x⁴⁹ + u⁴*x⁴⁸ + u¹⁷*x⁴⁴ + u¹⁶*x⁴² + u⁶²*x⁴¹ + u⁵⁵*x⁴⁰ + u⁴⁹*x³⁸ + u⁵*x³⁷ + u²⁰*x³⁶ + u⁴*x³⁵ + u⁵³*x³⁴ + u⁵*x³³ + u³⁰*x³² + u⁵⁶*x²⁸ + u⁷*x²⁶ + u¹⁵*x²⁵ + u²²*x²⁴ + u⁶⁰*x²¹ + u⁷*x²⁰ + u⁵¹*x¹⁹ + u¹⁴*x¹⁸ + u¹⁶*x¹⁷ + u¹²*x¹⁶ + u⁵⁸*x¹⁴ + u⁴⁰*x¹³ + u³³*x¹² + u⁵⁷*x¹¹ + u³³*x¹⁰ + u⁵⁰*x⁹ + u²⁶*x⁸ + x⁷ + u⁷*x⁶ + u⁶¹*x⁵ + u²⁰*x⁴ + u⁴⁴*x³ + u²³*x² + u¹⁴*x,

u³³*x⁴⁰ + u¹⁰*x³⁴ + u⁴⁷*x³³ + u⁴⁴*x¹² + u⁹*x⁹ + u*x⁶ + u⁴⁷*x⁵ + u⁵²*x³,

u⁷*x⁵⁶ + u³⁴*x⁵² + u³⁴*x⁵⁰ + u²⁶*x⁴⁹ + u⁴*x⁴⁸ + u¹⁵*x⁴⁴ + u²⁵*x⁴² + u³⁰*x⁴¹ + u⁷*x⁴⁰ + u³⁶*x³⁸ + u²¹*x³⁷ + u⁸*x³⁶ + u³²*x³⁵ + u⁶⁰*x³⁴ + u⁵*x³³ + u³⁸*x³² + u²⁹*x²⁸ + u⁴⁶*x²⁶ + u⁵⁰*x²⁵ + u¹⁶*x²⁴ + u³³*x²² + u⁶¹*x²² + u³⁹*x²¹ + u³⁰*x²⁰ + u³⁸*x¹⁹ + u¹⁷*x¹⁸ + u⁵⁵*x¹⁷ + u⁴⁹*x¹⁶ + u¹⁶*x¹⁴ + u¹¹*x¹³ + u³⁵*x¹² + u²¹*x¹¹ + u²⁸*x¹⁰ + u¹⁴*x⁹ + u⁵⁷*x⁸ + u¹⁸*x⁷ + u⁴⁴*x⁶ + u²⁵*x⁵ + u³⁷*x⁴ + u³³*x³ + u¹³*x² + u²⁵*x,

u¹²*x⁵⁶ + u⁹*x⁵² + u*x⁵⁰ + u⁵²*x⁴⁹ + u⁴⁰*x⁴⁸ + u²⁰*x⁴⁴ + u⁴⁴*x⁴² + u¹³*x⁴¹ + u¹⁸*x⁴⁰ + u¹¹*x³⁸ + u⁵*x³⁷ + u³⁸*x³⁶ + u¹³*x³⁵ + u⁴¹*x³⁴ + u³⁰*x³³ + u⁵⁹*x³² + u¹⁶*x²⁸ + u³³*x²⁶ + u¹⁹*x²⁵ + u¹⁰*x²⁴ + u³⁶*x²² + u²²*x²¹ + u⁵⁹*x²⁰ + u³*x¹⁹ + u*x¹⁸ + u²⁰*x¹⁷ + u³*x¹⁶ + u⁴⁸*x¹⁴ + u²*x¹³ + u⁴⁵*x¹² + u¹⁸*x¹¹ + u³⁴*x¹⁰ + u⁵⁹*x⁹ + u³⁰*x⁸ + u¹⁵*x⁷ + u¹²*x⁶ + u⁵⁷*x⁵ + u⁵⁰*x⁴ + u¹¹*x³ + u¹⁸*x² + u²⁵*x,

u²*x⁵⁶ + u²³*x⁵² + u²⁸*x⁵⁰ + u²⁸*x⁴⁹ + u⁹*x⁴⁸ + u⁹*x⁴⁴ + u³⁵*x⁴² + u⁸*x⁴¹ + u¹⁷*x⁴⁰ + u⁶²*x³⁸ + u¹⁸*x³⁷ + u¹⁷*x³⁶ + u³⁶*x³⁵ + u³⁵*x³⁴ + u⁵⁴*x³³ + u²⁹*x²⁸ + u¹⁵*x²⁶ + u³⁵*x²⁵ + u³⁷*x²⁴ + u¹⁰*x²² + u¹⁰*x²¹ + u¹⁵*x²⁰ + x¹⁹ + u³⁴*x¹⁸ + u³*x¹⁷ + u²⁰*x¹⁶ + u⁵*x¹⁴ + u⁸*x¹³ + u¹⁷*x¹² + u²*x¹¹ + u⁴⁹*x¹⁰ + u⁵³*x⁹ + u³⁵*x⁸ + u⁴⁰*x⁷ + u⁵¹*x⁶ + u⁴⁸*x⁵ + u²⁴*x⁴ + u³⁸*x³ + u²⁷*x² + u⁵¹*x,

u⁴⁰*x⁵⁶ + u²⁶*x⁵² + u⁴*x⁵⁰ + u*x⁴⁹ + u⁸*x⁴⁸ + u³⁷*x⁴⁴ + u¹⁰*x⁴² + u⁵⁵*x⁴¹ + u²²*x⁴⁰ + u³³*x³⁸ + u²⁴*x³⁷ + u⁴⁷*x³⁵ + u²¹*x³⁴ + u²²*x³³ + u⁴⁷*x³² + u²⁶*x²⁸ + u⁵⁸*x²⁶ + u⁸*x²⁵ + u¹³*x²⁴ + u¹⁶*x²² + u³³*x²¹ + u⁵⁵*x²⁰ + u¹²*x¹⁹ + u⁵*x¹⁸ + u⁴¹*x¹⁷ + u⁵³*x¹⁶ + u⁶¹*x¹⁴ + u³⁰*x¹³ + u⁵⁸*x¹² + u³⁹*x¹¹ + u³⁹*x¹⁰ + u⁷*x⁹ + u²⁴*x⁸ + u⁵⁰*x⁷ + u³⁰*x⁶ + u²⁷*x⁵ + u⁴⁶*x⁴ + u⁴³*x³ + u⁶*x² + u³¹*x,

u³²*x⁵⁶ + u⁵⁰*x⁵² + u⁸*x⁵⁰ + u¹⁵*x⁴⁹ + u⁴⁷*x⁴⁸ + u⁴⁵*x⁴⁴ + u⁴⁶*x⁴² + u⁵²*x⁴¹ + u¹¹*x⁴⁰ + u¹⁶*x³⁸ + u⁴²*x³⁷ + u³⁴*x³⁶ + u²⁰*x³⁵ + u³²*x³⁴ + u¹⁷*x³³ + u⁵²*x³² + u³*x²⁸ + u⁴*x²⁶ + u⁴⁸*x²⁵ + u⁴³*x²⁴ + u²⁶*x²² + u¹⁸*x²¹ + u²⁴*x²⁰ + u¹³*x¹⁹ + u⁷*x¹⁸ + u⁴⁹*x¹⁷ + u⁵²*x¹⁶ + u²¹*x¹⁴ + u¹⁷*x¹³ + u⁵⁷*x¹² + u⁷*x¹¹ + u³⁷*x⁹ + u¹⁸*x⁸ + u⁴⁶*x⁷ + u³¹*x⁵ + u⁴⁰*x⁴ + u³⁵*x³ + u⁵¹*x² + u¹⁹*x,

u²²*x⁶⁰ + u³*x⁵⁸ + u⁵²*x⁵⁷ + u²⁴*x⁵⁶ + u⁴⁶*x⁵⁴ + u¹⁴*x⁵³ + u¹³*x⁵² + u⁴⁹*x⁵¹ + u⁵⁹*x⁵⁰ + u⁶⁰*x⁴⁹ + u²⁴*x⁴⁸ + u⁴²*x⁴⁶ + u³⁷*x⁴⁵ + u³⁰*x⁴⁴ + u³⁶*x⁴³ + u⁵⁹*x⁴² + u⁴⁷*x⁴¹ + u⁵⁹*x⁴⁰ + u⁴³*x³⁹ + u¹⁵*x³⁸ + u²⁰*x³⁷ + u⁴³*x³⁶ + u⁵⁸*x³⁵ + u³⁵*x³⁴ + u³⁴*x³² + u⁷*x³⁰ + u²⁹*x²⁹ + u⁸*x²⁸ + u¹⁹*x²⁷ + u⁴⁸*x²⁶ + u²⁹*x²⁵ + u²*x²⁴ + u¹⁷*x²³ + u⁹*x²² + u⁵⁸*x²¹ + u³²*x²⁰ + u⁶¹*x¹⁹ + u¹⁰*x¹⁸ + u⁴³*x¹⁷ + u⁴*x¹⁶ + u³¹*x¹⁵ + u¹⁷*x¹⁴ + u⁶*x¹³ + u¹⁴*x¹² + u³¹*x¹¹ + u¹⁰*x¹⁰ + u⁵³*x⁹ + u²⁶*x⁸ + u⁵³*x⁷ + u²⁸*x⁶ + u⁵²*x⁵ + u²⁵*x⁴ + u¹⁷*x³ + u¹⁵*x² + u⁴⁶*x,

u¹⁵*x⁵² + u⁶*x⁵⁰ + u²³*x⁴⁹ + u⁵⁵*x⁴⁸ + u⁴⁶*x⁴⁴ + u⁵⁰*x⁴² + u⁴⁶*x⁴¹ + u⁵⁹*x⁴⁰ + u²⁴*x³⁸ + u⁵²*x³⁷ + u¹³*x³⁶ + u⁵⁸*x³⁵ + u²⁴*x³⁴ + u⁵⁶*x³³ + u⁶²*x³² + u³⁰*x²⁸ + u²²*x²⁶ + u⁵⁰*x²⁵ + u³⁶*x²⁴ + u⁵⁸*x²² + u¹⁹*x²¹ + u⁶¹*x²⁰ + u⁷*x¹⁹ + x¹⁸ + u⁵³*x¹⁷ + u⁵*x¹⁶ + u¹²*x¹⁴ + u⁵⁹*x¹³ + u⁴⁵*x¹² + u²¹*x¹¹ + u³⁰*x¹⁰ + u³⁴*x⁹ + u⁵¹*x⁸ + u¹⁴*x⁷ + u⁴³*x⁶ + u³¹*x⁵ + u¹¹*x⁴ + u²⁸*x³ + u²⁶*x² + u¹³*x,

u⁶*x⁵⁶ + u²⁷*x⁵² + u⁴⁶*x⁵⁰ + u⁹*x⁴⁹ + u³⁹*x⁴⁸ + u⁵³*x⁴² + u³⁰*x⁴¹ + u¹⁵*x⁴⁰ + u⁵⁹*x³⁸ + u⁵⁰*x³⁷ + u¹²*x³⁶ + u¹⁹*x³⁵ + u³⁷*x³⁴ + u²⁴*x³³ + u¹⁰*x³² + u⁴⁹*x²⁸ + u⁵⁹*x²⁶ + u³⁰*x²⁵ + u¹⁷*x²⁴ + u⁵⁷*x²² + u⁵⁸*x²¹ + u²²*x²⁰ + u⁴⁵*x¹⁹ + u²⁴*x¹⁸ + u⁴³*x¹⁷ + u⁵²*x¹⁶ + u¹⁹*x¹⁴ + u⁴³*x¹³ + u⁵⁵*x¹² + u⁵⁵*x¹¹ + u²*x¹⁰ + u²⁷*x⁹ + u⁵*x⁸ + u⁹*x⁷ + u³⁰*x⁶ + u¹⁰*x⁵ + u⁴³*x⁴ + u²³*x³ + u⁵⁵*x² + u¹⁵*x,

u²¹*x⁵⁶ + u⁴²*x⁵² + u²³*x⁵⁰ + u⁶⁰*x⁴⁹ + u⁴⁷*x⁴⁸ + u⁴⁹*x⁴⁴ + u¹¹*x⁴¹ + u¹⁰*x⁴⁰ + u⁴⁰*x³⁸ + u⁷*x³⁷ + u*x³⁶ + u¹⁹*x³⁵ + u¹⁶*x³⁴ + u³⁴*x³³ + u⁴⁹*x³² + u*x²⁸ + u¹²*x²⁶ + u⁴⁹*x²⁵ + u³⁹*x²⁴ + u²⁷*x²² + u²³*x²¹ + u²⁵*x²⁰ + u³²*x¹⁹ + u¹²*x¹⁸ + u⁷*x¹⁷ + u¹⁸*x¹⁶ + u⁶¹*x¹⁴ + u⁷*x¹³ + u²⁹*x¹² + u³*x¹¹ + u²⁹*x¹⁰ + u²*x⁹ + u³⁹*x⁸ + u³⁰*x⁷ + u³*x⁶ + u¹⁸*x⁴ + u⁵⁷*x³ + u²¹*x² + u³¹*x,

u⁴⁴*x⁵⁶ + u*x⁵² + u⁴⁸*x⁵⁰ + u⁶*x⁴⁹ + u⁵¹*x⁴⁸ + u⁴⁸*x⁴⁴ + u³⁰*x⁴² + u³³*x⁴¹ + u²⁸*x⁴⁰ + u¹⁶*x³⁸ + u*x³⁷ + u²³*x³⁶ + u⁷*x³⁵ + u⁷*x³⁴ + u¹⁶*x³³ + u²⁶*x³² + u³³*x^{28</}

u^37*x^9 + u^47*x^8 + u^57*x^7 + u^55*x^6 + u^12*x^5 + u^26*x^4 + u^15*x^3 + u^26*x^2 + u^18*x,
u^28*x^56 + u^19*x^52 + u^61*x^50 + u^7*x^49 + u^7*x^48 + u^12*x^44 + u^47*x^42 + x^41 + u^33*x^40 + u^56*x^38 + u^56*x^37 + u^13*x^36 + u^53*x^35 + u^57*x^34 + u^53*x^33 + u^16*x^32 +
u^49*x^28 + u^51*x^26 + u^2*x^25 + u^35*x^24 + u^43*x^22 + u^62*x^21 + u^46*x^20 + u^49*x^19 + u^34*x^18 + u^21*x^17 + u^33*x^16 + u^33*x^14 + u^19*x^13 + u^12*x^12 + u^57*x^11 +
u^28*x^10 + u^29*x^9 + u^48*x^8 + u^12*x^7 + u^56*x^6 + u^19*x^5 + u*x^4 + u^2*x^3 + u^24*x^2 + u^18*x,
u^26*x^56 + u^62*x^52 + u^59*x^50 + u^46*x^49 + u^33*x^48 + u^28*x^44 + u^48*x^42 + u^31*x^41 + u^29*x^40 + u^18*x^38 + u^47*x^37 + u^4*x^36 + u^53*x^35 + u^38*x^34 + u^38*x^33 + u^13*x^32 +
u^18*x^28 + u^45*x^26 + u^43*x^25 + u^51*x^24 + x^22 + u^33*x^21 + u^48*x^20 + u^59*x^19 + u^62*x^18 + u^24*x^17 + u^46*x^16 + u^6*x^14 + u^21*x^13 + u^40*x^12 + u^57*x^11 + u^51*x^9
+ u^7*x^8 + u^5*x^7 + u^45*x^6 + u^4*x^5 + u^35*x^4 + u^54*x^3 + u^26*x^2 + u^53*x,
u^55*x^60 + u^36*x^58 + u^22*x^57 + u^34*x^56 + u^16*x^54 + u^47*x^53 + u^12*x^52 + u^19*x^51 + u^40*x^50 + u^25*x^48 + u^12*x^46 + u^7*x^45 + u^22*x^44 + u^6*x^43 + u^52*x^42 + u^12*x^41
+ u^27*x^40 + u^13*x^39 + u^27*x^38 + u*x^37 + u^11*x^36 + u^15*x^35 + u^54*x^34 + u^39*x^33 + u^21*x^32 + u^40*x^30 + u^62*x^29 + u^40*x^28 + u^52*x^27 + u^42*x^25 + u^41*x^24 +
u^50*x^23 + u^39*x^22 + u^56*x^22 + u^43*x^22 + u^36*x^20 + u^40*x^20 + u^23*x^19 + u^34*x^18 + u^62*x^17 + u^57*x^16 + u*x^15 + u^4*x^14 + u^58*x^13 + u^57*x^12 + u^30*x^11 + u^48*x^10 + u^53*x^9 + u^11*x^8
+ u^38*x^7 + u^55*x^6 + u^47*x^5 + u^28*x^4 + u^23*x^3 + u^30*x^2 + u^40*x,
u^45*x^60 + u^26*x^58 + u^12*x^57 + u^40*x^56 + u^6*x^54 + u^37*x^53 + u^54*x^52 + u^9*x^51 + u^41*x^50 + u*x^49 + u^34*x^48 + u^2*x^46 + u^60*x^45 + x^44 + u^59*x^43 + u^49*x^42 +
u^46*x^41 + u^56*x^40 + u^3*x^39 + u^28*x^38 + u^61*x^37 + u^60*x^36 + u^29*x^35 + u^45*x^34 + u^39*x^33 + u^48*x^32 + u^30*x^30 + u^52*x^29 + u^15*x^28 + u^42*x^27 + u^10*x^26 +
u^46*x^24 + u^59*x^23 + u^56*x^22 + u^43*x^22 + u^37*x^22 + u^57*x^22 + u^40*x^20 + u^23*x^19 + u^34*x^18 + u^62*x^17 + u^58*x^16 + u*x^15 + u^25*x^14 + u^51*x^13 + u^12*x^12 + u^61*x^11 + u^8*x^10 + u^50*x^9
+ u^31*x^9 + u^24*x^8 + u^61*x^7 + u^14*x^6 + u^31*x^5 + u^59*x^4 + u^60*x^3 + u^8*x^2 + u^12*x,
u^55*x^60 + u^36*x^58 + u^22*x^57 + u^30*x^56 + u^16*x^54 + u^47*x^53 + u^25*x^52 + u^19*x^51 + u^55*x^50 + u^46*x^49 + u^24*x^48 + u^12*x^46 + u^7*x^45 + u^53*x^44 + u^6*x^43 + u^51*x^42
+ x^41 + u^51*x^40 + u^13*x^39 + u^4*x^38 + u^59*x^37 + u^18*x^36 + u^19*x^35 + u^18*x^34 + u^27*x^33 + x^32 + u^40*x^30 + u^62*x^29 + u^48*x^28 + u^52*x^27 + u^18*x^26 + u^54*x^25 +
u^38*x^24 + u^50*x^23 + u^56*x^22 + u^43*x^22 + u^36*x^20 + u^40*x^20 + u^23*x^19 + u^34*x^18 + u^62*x^17 + u^58*x^16 + u*x^15 + u^25*x^14 + u^51*x^13 + u^12*x^12 + u^61*x^11 + u^8*x^10 + u^50*x^9
+ u^43*x^8 + u^62*x^7 + u^37*x^6 + u^4*x^5 + u^12*x^4 + u^27*x^3 + u^14*x^2 + u^27*x,
u^2*x^56 + u^53*x^52 + u^50*x^50 + u^46*x^49 + u^24*x^48 + u^53*x^44 + u^35*x^42 + u^34*x^41 + u^56*x^40 + u^33*x^38 + u^14*x^37 + u^8*x^36 + u^8*x^35 + u^59*x^34 + u^41*x^33 + u^4*x^32 +
u^56*x^28 + u^26*x^26 + u^30*x^25 + u^21*x^24 + u^43*x^22 + u^12*x^21 + u^15*x^20 + u^35*x^19 + u^26*x^18 + u^28*x^17 + u^24*x^16 + u^12*x^14 + u^2*x^13 + u^41*x^12 + u^54*x^11 +
u^36*x^10 + u^19*x^9 + u^61*x^8 + u^32*x^7 + u^19*x^6 + u^39*x^5 + u^18*x^4 + u^18*x^3 + u^29*x^2 + u^10*x,
u^41*x^56 + u^55*x^52 + u^6*x^50 + u^55*x^49 + u^24*x^48 + u^16*x^44 + u^24*x^42 + u^13*x^41 + u^22*x^40 + u^36*x^38 + u*x^37 + u^7*x^36 + u^52*x^35 + u^56*x^34 + u^17*x^33 + u^23*x^32 +
u^28*x^28 + u^20*x^26 + u^39*x^25 + u^28*x^24 + u^25*x^22 + u^6*x^21 + u^29*x^20 + u^27*x^19 + u^3*x^18 + u^34*x^17 + u^18*x^16 + u^7*x^14 + u^3*x^13 + u^39*x^12 + u*x^11 + u^3*x^10 +
u*x^9 + u^27*x^8 + u^28*x^7 + u^28*x^6 + u^15*x^5 + u^48*x^4 + u^10*x^3 + u^61*x^2 + u^42*x,
u^22*x^60 + u^3*x^58 + u^52*x^57 + u^52*x^56 + u^46*x^54 + u^14*x^53 + u^49*x^52 + u^49*x^51 + u^13*x^50 + u^25*x^49 + u^18*x^48 + u^42*x^46 + u^37*x^45 + u^2*x^44 + u^36*x^43 + u^45*x^42
+ u^34*x^41 + u^2*x^40 + u^43*x^39 + u^44*x^38 + u^23*x^37 + u^35*x^36 + u^39*x^35 + u^52*x^34 + u^5*x^33 + u^60*x^32 + u^7*x^30 + u^29*x^29 + u^19*x^27 + u^56*x^26 + u^33*x^25 +
u^43*x^24 + u^17*x^23 + x^22 + u^43*x^21 + u^6*x^20 + u^32*x^19 + u^58*x^18 + u^33*x^17 + u^53*x^16 + u^31*x^15 + u^46*x^14 + u^36*x^13 + u^5*x^12 + u^56*x^11 + u^59*x^10 + u^62*x^9 +
u^26*x^8 + u^27*x^7 + u^61*x^6 + u*x^5 + u^2*x^4 + u^57*x^3 + u^24*x^2 + u^53*x,
u^20*x^56 + u^39*x^52 + u^56*x^50 + u^4*x^49 + u^34*x^48 + u^40*x^44 + u^20*x^42 + u^7*x^41 + u^47*x^40 + u^30*x^38 + u^46*x^37 + u^21*x^36 + u^31*x^35 + u^38*x^34 + x^33 + u^56*x^32 +
u^27*x^28 + u^60*x^26 + u^26*x^25 + u^12*x^24 + u^20*x^22 + u^35*x^21 + u^22*x^20 + u*x^19 + u^43*x^18 + u^49*x^17 + u^15*x^16 + u^58*x^14 + u^58*x^13 + u^22*x^12 + u^21*x^11 +
u^48*x^10 + u^16*x^9 + u^62*x^8 + u^21*x^7 + x^6 + u*x^5 + u^6*x^4 + u^2*x^3 + u^39*x^2 + u^14*x,
u^47*x^60 + u^28*x^58 + u^14*x^57 + u^6*x^56 + u^8*x^54 + u^39*x^53 + u^57*x^52 + u^11*x^51 + u^20*x^50 + u^12*x^49 + u^22*x^48 + u^4*x^46 + u^62*x^45 + u^38*x^44 + u^61*x^43 + u^26*x^42 +
u^43*x^41 + u^5*x^39 + u^57*x^38 + x^37 + u^26*x^36 + u^4*x^35 + u^44*x^34 + u^3*x^33 + u^32*x^30 + u^54*x^29 + u^9*x^28 + u^44*x^27 + u^28*x^26 + u^38*x^25 + u^43*x^24 +
u^42*x^23 + u^50*x^22 + x^21 + u^11*x^20 + u*x^19 + u^5*x^18 + x^17 + u^4*x^16 + u^56*x^15 + u^42*x^14 + u^14*x^13 + u^5*x^12 + u^25*x^11 + u^8*x^10 + u^26*x^9 + u^7*x^8 + u^45*x^7 +
u^4*x^6 + u^3*x^5 + u^2*x^4 + u^45*x^3 + u^31*x^2 + u^7*x,
u^45*x^56 + u^33*x^52 + u^38*x^50 + u^4*x^49 + u^33*x^48 + u^21*x^44 + u^59*x^42 + u^35*x^41 + u^32*x^40 + u^7*x^38 + u^34*x^37 + u^3*x^36 + u^50*x^35 + u^27*x^34 + u^46*x^33 + u^34*x^32 +
u^38*x^28 + u^46*x^26 + u^44*x^25 + u^42*x^24 + u^37*x^22 + u^21*x^21 + u^60*x^20 + u^10*x^18 + u^52*x^17 + u^2*x^14 + u^49*x^13 + u^55*x^12 + u^58*x^11 + u^59*x^10 + u*x^9
+ u^25*x^8 + u^25*x^7 + u^41*x^6 + u^54*x^5 + u^43*x^4 + u^45*x^3 + u^7*x^2 + u^46*x,
u^47*x^60 + u^28*x^58 + u^14*x^57 + u^38*x^56 + u^8*x^54 + u^39*x^53 + u^11*x^51 + u^26*x^50 + u^5*x^49 + u^8*x^48 + u^4*x^46 + u^62*x^45 + u^59*x^44 + u^61*x^43 + u^46*x^42 + u*x^41 +
u^5*x^40 + u^5*x^39 + u^58*x^38 + u^20*x^37 + u^58*x^36 + u^61*x^35 + u^34*x^34 + u^41*x^33 + u^56*x^32 + u^32*x^30 + u^54*x^29 + u^50*x^28 + u^44*x^27 + u^18*x^26 + u^49*x^25 +
u^58*x^24 + u^42*x^23 + u^42*x^22 + u^41*x^21 + u^15*x^20 + u^60*x^19 + u^18*x^18 + u^54*x^17 + u^49*x^16 + u^43*x^15 + u^26*x^14 + u^56*x^13 + u^49*x^12 + u^45*x^11 + u^37*x^10 +
u^13*x^9 + u^3*x^8 + u^13*x^7 + u^43*x^6 + u^49*x^5 + u^56*x^4 + u^34*x^3 + u^9*x^2 + u^26*x,
u^34*x^60 + u^15*x^58 + u*x^57 + u^62*x^56 + u^58*x^54 + u^26*x^53 + u^51*x^52 + u^61*x^51 + x^50 + u^59*x^49 + x^48 + u^54*x^46 + u^49*x^45 + u^16*x^44 + u^48*x^43 + u^25*x^42 + u^35*x^41
+ u^2*x^40 + u^55*x^39 + u^32*x^38 + u^48*x^37 + u^58*x^36 + u^2*x^35 + u^4*x^34 + u^32*x^33 + u^28*x^32 + u^19*x^30 + u^41*x^29 + u^24*x^28 + u^31*x^27 + u^38*x^26 + u^3*x^25 +
u^15*x^24 + u^29*x^23 + u^24*x^22 + u^6*x^21 + u^29*x^20 + u^38*x^19 + u^60*x^18 + u^37*x^17 + u^50*x^16 + u^43*x^15 + u^57*x^14 + u^40*x^13 + u^49*x^12 + u^45*x^11 + u^49*x^10 +
u^25*x^9 + u^60*x^8 + u^3*x^7 + u^55*x^6 + u^19*x^5 + u^8*x^4 + u^45*x^3 + u^42*x^2 + u^57*x,
u^25*x^60 + u^6*x^58 + u^55*x^57 + u^46*x^56 + u^49*x^54 + u^17*x^53 + u^17*x^52 + u^52*x^51 + u^11*x^50 + u^35*x^49 + u^58*x^48 + u^45*x^46 + u^40*x^45 + u^28*x^44 + u^39*x^43 + u^9*x^42
+ u^16*x^41 + u^5*x^40 + u^46*x^39 + u^30*x^38 + u^57*x^37 + u^2*x^36 + u^50*x^35 + u^11*x^34 + u^22*x^33 + u^29*x^32 + u^10*x^30 + u^32*x^29 + u^17*x^28 + u^22*x^27 + u^38*x^26 +
u^20*x^25 + u^45*x^24 + u^20*x^23 + u^56*x^22 + u^36*x^21 + u^26*x^20 + u^18*x^19 + u^38*x^18 + u^14*x^17 + u^29*x^16 + u^34*x^15 + u^15*x^14 + u^38*x^13 + u^3*x^12 + u^47*x^11 +
u^5*x^10 + u^60*x^9 + u^33*x^8 + u^45*x^7 + u^34*x^6 + u^58*x^5 + u^6*x^4 + u^26*x^3 + u^10*x^2 + u^14*x,
u^44*x^60 + u^25*x^58 + u^11*x^57 + u^40*x^56 + u^5*x^54 + u^36*x^53 + u^52*x^52 + u^8*x^51 + u^7*x^50 + u^3*x^49 + u*x^46 + u^59*x^45 + x^44 + u^58*x^43 + u^58*x^42 + u^60*x^41 +
u^43*x^40 + u^2*x^39 + u^44*x^38 + u^44*x^37 + u^35*x^36 + u^16*x^35 + u^20*x^34 + u^8*x^33 + u^17*x^32 + u^29*x^30 + u^51*x^29 + u^10*x^28 + u^41*x^27 + u^58*x^26 + u^47*x^25 +
u^9*x^24 + u^39*x^23 + u^27*x^22 + u^55*x^21 + u^14*x^20 + u^51*x^19 + u^50*x^18 + u^57*x^17 + u^44*x^16 + u^53*x^15 + u^45*x^14 + u^27*x^13 + u^18*x^12 + u^57*x^11 + u^8*x^10 +
u^16*x^9 + u^18*x^8 + u^41*x^7 + u^10*x^6 + u^45*x^5 + u^4*x^4 + u^30*x^3 + u^55*x^2 + u^9*x,
u^19*x^60 + u^33*x^58 + u^20*x^57 + u^21*x^56 + u^3*x^54 + u^37*x^53 + u^29*x^52 + u^2*x^51 + u^3*x^50 + u^37*x^49 + u^3*x^48 + u^40*x^46 + u^12*x^45 + u^18*x^44 + u^60*x^43 + u^22*x^42 +
u^43*x^41 + u^28*x^40 + u^51*x^39 + u^25*x^38 + u^15*x^37 + u^23*x^36 + u^25*x^35 + u^40*x^34 + u^61*x^33 + u^61*x^32 + u^48*x^30 + u*x^29 + u^58*x^28 + u^30*x^27 + u^59*x^26 +
u^2*x^25 + u^25*x^24 + u^39*x^23 + u^16*x^22 + u^3*x^21 + u^61*x^20 + u^59*x^19 + u^54*x^17 + u^32*x^16 + u^7*x^15 + u^7*x^14 + u*x^13 + u^26*x^12 + u^3*x^11 + u^40*x^10 + u^56*x^9 +
u^5*x^8 + u^27*x^7 + u^16*x^6 + u^56*x^5 + u^9*x^4 + u^61*x^3 + u^3*x^2 + u^24*x,
u^48*x^56 + u^30*x^52 + u^56*x^50 + u^13*x^49 + u^61*x^48 + u^3*x^44 + u^8*x^42 + u^18*x^41 + u^19*x^40 + u^35*x^38 + u^51*x^37 + u^48*x^36 + u^7*x^35 + u^56*x^34 + u^21*x^33 + u^5*x^32 +
u^22*x^28 + u^27*x^26 + u^37*x^25 + u^27*x^24 + u^2*x^22 + u*x^21 + u^49*x^20 + u^35*x^19 + u^57*x^18 + u^34*x^17 + u^43*x^16 + u^49*x^15 + u^20*x^14 + u^33*x^13 + u^28*x^12 + u^59*x^11 +
u^12*x^10 + u^12*x^9 + u^28*x^8 + u^52*x^7 + u^52*x^6 + u^62*x^5 + u^62*x^4 + u^37*x^3 + u^18*x^2 + u*x,
u^28*x^56 + u^27*x^52 + u^28*x^50 + u^30*x^49 + u^2*x^48 + u^49*x^44 + u^60*x^42 + u^31*x^41 + u^22*x^40 + u^17*x^38 + u^58*x^37 + u^2*x^36 + u^24*x^35 + u^61*x^33 + u^59*x^32 + u^53*x^28
+ u^17*x^26 + u^18*x^25 + u^48*x^24 + u^27*x^22 + u^41*x^21 + u^44*x^20 + u^5*x^19 + u^39*x^18 + u^42*x^17 + u^32*x^16 + u^9*x^14 + u^29*x^13 + u^41*x^12 + u^53*x^11 + u^7*x^10 +
u^37*x^9 + u^26*x^8 + u^48*x^7 + u^27*x^6 + u^16*x^5 + u^55*x^4 + u^8*x^3 + u^22*x^2 + u^52*x

];

Function:
u*(x^6 + x^10 + x^24 + x^33) + x^9 + u^4*x^17,

#EA--Classes: 85

Degrees: {*, 2, 3, 6, 4, 18, *}

Representatives:

[
u^14*x^60 + u^58*x^58 + u^44*x^57 + u^25*x^56 + u^38*x^54 + u^6*x^53 + u^8*x^52 + u^41*x^51 + u^36*x^50 + u^33*x^49 + u^56*x^48 + u^34*x^46 + u^29*x^45 + u^26*x^44 + u^28*x^43 + u^48*x^42 +
u^27*x^41 + u^49*x^40 + u^35*x^39 + u^5*x^38 + u^32*x^37 + u^45*x^36 + u^58*x^35 + u^6*x^34 + u^25*x^33 + u^32*x^32 + u^62*x^30 + u^21*x^29 + u^28*x^28 + u^11*x^27 + u^44*x^26 + u^60*x^25
+ u*x^24 + u^9*x^23 + u^34*x^22 + u^13*x^21 + u^61*x^20 + u^41*x^19 + u^18*x^18 + u^58*x^17 + u^6*x^16 + u^23*x^15 + u^47*x^14 + u^40*x^13 + u^32*x^12 + u^62*x^11 + u^4*x^10 + u^32*x^9 +
u^17*x^8 + u^26*x^7 + u^52*x^6 + u^53*x^5 + u^2*x^4 + u^6*x^3 + u^12*x^2 + u^50*x,
u^41*x^56 + u^59*x^52 + u^34*x^50 + u^60*x^49 + u^9*x^48 + u^5*x^44 + u^15*x^42 + u^9*x^41 + u^55*x^40 + u^14*x^38 + u^42*x^37 + u^49*x^36 + u^13*x^34 + u^37*x^33 + u^5*x^32 + u^39*x^28 +
u^18*x^26 + u^9*x^25 + u^20*x^24 + u^25*x^22 + u^5*x^21 + u^23*x^20 + u^20*x^19 + u^35*x^18 + u^30*x^17 + u^51*x^16 + u^60*x^14 + u^28*x^13 + u^41*x^12 + u^22*x^11 + u^47*x^10 + u^17*x^9
+
u^59*x^8 + u^28*x^7 + u^39*x^6 + u^41*x^5 + u^3*x^4 + u^28*x^3 + u^51*x^2 + u^58*x,
u^12*x^56 + u^24*x^52 + u^40*x^50 + u^37*x^49 + u^52*x^48 + u^18*x^44 + u^11*x^42 + u^47*x^41 + u^50*x^40 + u^36*x^38 + u^11*x^37 + u^33*x^36 + u^16*x^35 + u^45*x^34 + u^24*x^33 + u^19*x^32 +
u^27*x^28 + u^31*x^26 + u^24*x^25 + u^37*x^24 + u^51*x^22 + u^24*x^21 + u^26*x^20 + u^52*x^19 + u^50*x^18 + u^52*x^17 + u^55*x^16 + u^58*x^14 + u^54*x^13 + u^25*x^12 + u^59*x^11 +
u^22*x^10 + u^45*x^9 + u^33*x^8 + u^49*x^7 + u^61*x^6 + u^20*x^5 + u^45*x^4 + u^11*x^3 + u^19*x^2 + u^21*x,

u^24*x^56 + u^57*x^52 + u^16*x^50 + u^41*x^49 + u^7*x^48 + u^30*x^44 + u^34*x^42 + u^29*x^40 + u^16*x^38 + u^60*x^37 + u^42*x^36 + u^46*x^35 + u^33*x^34 + u^47*x^33 + u^4*x^32 + u^14*x^28 + u^42*x^26 + u^36*x^25 + u^18*x^24 + u*x^22 + u^28*x^21 + u^9*x^20 + u^13*x^19 + u^17*x^18 + u^24*x^17 + u^24*x^16 + u^52*x^14 + u^48*x^13 + u^25*x^12 + u^2*x^11 + u^33*x^10 + u^60*x^9 + u^26*x^8 + u^47*x^7 + u^7*x^6 + u^29*x^5 + u^38*x^4 + u^54*x^3 + u^26*x^2 + u^48*x,

u*x^33 + u*x^24 + u^4*x^17 + u*x^10 + x^9 + u*x^6,

u^18*x^56 + u^50*x^52 + u^34*x^50 + u^29*x^49 + u^51*x^48 + u^35*x^44 + u^61*x^42 + u^24*x^41 + u^55*x^40 + u^21*x^38 + u^39*x^37 + u^27*x^36 + u^33*x^35 + u^29*x^34 + u^7*x^33 + u^7*x^32 + u^14*x^28 + u^32*x^26 + u^7*x^25 + u^30*x^24 + u^3*x^22 + u^9*x^21 + u^34*x^20 + u^39*x^19 + u^3*x^18 + u^32*x^17 + u^23*x^16 + u^61*x^14 + u^21*x^13 + u^11*x^12 + u^31*x^11 + u^33*x^10 + u^50*x^9 + u^18*x^8 + u^32*x^7 + u^32*x^6 + u^12*x^5 + u^60*x^4 + u^26*x^3 + u^8*x^2 + u^7*x,

u^37*x^56 + u^37*x^52 + u^56*x^50 + u^54*x^49 + u^18*x^48 + u^42*x^44 + u^34*x^42 + u^28*x^41 + u^53*x^40 + u^2*x^38 + u^58*x^37 + u^5*x^36 + u^41*x^35 + u^35*x^34 + u^10*x^33 + u^61*x^32 + u^56*x^28 + u^55*x^26 + u^33*x^25 + u^21*x^24 + u^19*x^22 + u^35*x^22 + u^62*x^20 + u^58*x^18 + u^10*x^17 + u^55*x^16 + u^29*x^14 + u^32*x^13 + u^55*x^12 + u^56*x^11 + u^11*x^10 + u^11*x^9 + u^20*x^8 + u^33*x^7 + u^39*x^6 + u^19*x^5 + u^7*x^4 + u^19*x^3 + u^31*x^2 + u^62*x,

u^37*x^56 + u^28*x^52 + u^60*x^50 + u^34*x^49 + u^36*x^48 + u^8*x^44 + u^2*x^42 + u^39*x^40 + u^10*x^38 + u^33*x^37 + u^54*x^36 + u^55*x^35 + u^8*x^34 + u*x^33 + u^37*x^32 + u^7*x^28 + u^53*x^26 + u^23*x^25 + u^61*x^24 + u^44*x^22 + u^22*x^21 + u^32*x^20 + u^58*x^19 + u^42*x^18 + u^56*x^16 + u^62*x^14 + u^37*x^13 + u^45*x^12 + u^14*x^11 + u^38*x^10 + u^25*x^9 + u^36*x^8 + u^48*x^7 + u^60*x^6 + u^28*x^5 + u^12*x^4 + u^50*x^3 + u^61*x^2 + u^42*x,

u^10*x^56 + u^3*x^52 + u^39*x^50 + u^31*x^49 + u^40*x^48 + u^44*x^44 + u^9*x^42 + u^3*x^41 + x^40 + u^3*x^38 + u^16*x^37 + u^11*x^36 + u^28*x^35 + u^39*x^34 + u^60*x^33 + u^36*x^32 + u^54*x^28 + u^53*x^26 + u^23*x^25 + u^38*x^24 + u^55*x^22 + u^29*x^21 + u^56*x^20 + u^58*x^18 + u^14*x^17 + u^2*x^16 + u^24*x^14 + u^27*x^13 + u^50*x^12 + u^44*x^11 + u^35*x^10 + u^38*x^9 + u^39*x^8 + u^5*x^7 + u^30*x^6 + u^40*x^5 + u^58*x^4 + u^5*x^3 + x^2 + u^39*x,

u^32*x^56 + u^60*x^52 + u^18*x^50 + u^53*x^49 + u^51*x^48 + u^27*x^44 + u^26*x^42 + u^35*x^41 + u*x^40 + u^61*x^38 + u^46*x^37 + u^55*x^36 + u^36*x^35 + u^7*x^34 + u^29*x^33 + u^34*x^32 + u^35*x^28 + u^4*x^26 + u^31*x^25 + u^24*x^24 + u^46*x^21 + u^59*x^20 + u^55*x^19 + u^40*x^18 + u^21*x^17 + u^55*x^16 + u^44*x^14 + u^2*x^13 + u^11*x^12 + u^36*x^11 + u^48*x^10 + u^37*x^9 + u^48*x^8 + u^25*x^7 + u^4*x^6 + u^16*x^5 + u^18*x^4 + u^33*x^3 + u^43*x^2 + u^26*x,

u^18*x^60 + u^62*x^58 + u^48*x^57 + u^49*x^56 + u^42*x^54 + u^10*x^53 + u^23*x^52 + u^45*x^51 + u^30*x^50 + u^42*x^49 + u^32*x^48 + u^38*x^46 + u^33*x^45 + u^59*x^44 + u^32*x^43 + u^37*x^42 + u^56*x^41 + u^26*x^40 + u^39*x^39 + u^9*x^38 + u^21*x^37 + u^11*x^36 + u^39*x^35 + u^54*x^34 + u^19*x^32 + u^3*x^30 + u^25*x^29 + u^53*x^28 + u^15*x^27 + u^18*x^26 + u^60*x^25 + u^17*x^24 + u^13*x^23 + u^36*x^22 + u^10*x^21 + u^21*x^20 + u^18*x^19 + u^36*x^18 + u^9*x^17 + u^49*x^16 + u^27*x^15 + u^26*x^14 + u^60*x^13 + u^18*x^12 + u^11*x^11 + u^40*x^10 + u^25*x^9 + u^40*x^8 + u^11*x^7 + u^8*x^6 + u^5*x^5 + u^57*x^4 + u^46*x^3 + u^47*x^2 + u^35*x,

u^18*x^56 + u^29*x^52 + u^32*x^50 + u^35*x^49 + u^28*x^48 + u^31*x^44 + u^24*x^42 + u*x^41 + u^14*x^40 + u^27*x^38 + u^12*x^37 + u^48*x^36 + u^43*x^35 + u^8*x^34 + u^26*x^33 + u^39*x^32 + u^13*x^28 + u^18*x^26 + u^48*x^25 + u^47*x^24 + u^54*x^22 + u^54*x^22 + u^37*x^21 + x^20 + u^51*x^19 + u^53*x^18 + u^57*x^17 + u^25*x^16 + u^13*x^14 + u^8*x^13 + u^49*x^12 + u^57*x^11 + u^16*x^10 + u^58*x^9 + u^61*x^8 + u^32*x^7 + u^24*x^6 + u^29*x^5 + u^24*x^4 + u^20*x^3 + u^47*x^2 + u^10*x,

u^46*x^60 + u^27*x^58 + u^13*x^57 + u^22*x^56 + u^7*x^54 + u^38*x^53 + u^12*x^52 + u^10*x^51 + x^50 + u^50*x^49 + u^36*x^48 + u^3*x^46 + u^61*x^45 + u^3*x^44 + u^60*x^43 + u^62*x^42 + u^52*x^41 + x^40 + u^4*x^39 + u^58*x^38 + u^21*x^37 + u^36*x^36 + u^30*x^35 + u^43*x^34 + u^59*x^33 + u^41*x^32 + u^31*x^30 + u^53*x^29 + u^11*x^28 + u^43*x^27 + u^36*x^26 + u^54*x^25 + u^62*x^24 + u^41*x^23 + u^50*x^22 + u^50*x^22 + u^20*x^20 + u^58*x^19 + u^26*x^18 + u^30*x^17 + u^51*x^16 + u^55*x^15 + u^30*x^14 + u^47*x^13 + u^36*x^12 + u^33*x^11 + u^19*x^10 + u^19*x^9 + u^7*x^8 + u^25*x^7 + u^22*x^6 + u^16*x^5 + u^28*x^4 + u^54*x^3 + u^33*x^2 + u^41*x,

u^7*x^56 + u^49*x^52 + u^2*x^50 + u^23*x^49 + u^52*x^48 + u^49*x^44 + u^28*x^42 + u^19*x^41 + u^37*x^40 + u^20*x^38 + x^37 + u^14*x^36 + u^55*x^35 + u^3*x^34 + u^35*x^33 + u^11*x^32 + u^36*x^28 + u^29*x^26 + u^51*x^25 + u^59*x^24 + u^52*x^22 + u^33*x^21 + u^21*x^20 + x^19 + u^31*x^18 + u^58*x^17 + u^43*x^16 + u^37*x^14 + u^44*x^13 + u^59*x^12 + u^16*x^11 + u^19*x^10 + u^20*x^9 + u^54*x^8 + u^24*x^7 + u^43*x^6 + u^56*x^5 + u^62*x^4 + u^58*x^3 + u^49*x^2 + u^57*x,

u^58*x^56 + u^37*x^52 + u^45*x^50 + u^29*x^49 + u^40*x^48 + u^24*x^44 + u^58*x^42 + u^27*x^41 + u^21*x^40 + u^19*x^38 + u^2*x^37 + u^43*x^36 + u^5*x^35 + u^59*x^34 + u^59*x^33 + u^2*x^32 + u^30*x^28 + u^43*x^26 + u^37*x^25 + u^56*x^24 + u^5*x^22 + u^7*x^21 + u^5*x^20 + u^29*x^19 + u^12*x^18 + u^56*x^17 + u^2*x^16 + u^24*x^14 + u^23*x^13 + u^57*x^12 + u^56*x^11 + x^10 + u^50*x^9 + u^13*x^8 + u^62*x^7 + u^55*x^6 + u^3*x^5 + u^37*x^4 + u^23*x^3 + u^57*x^2 + u^14*x,

u^43*x^56 + u^31*x^52 + u^49*x^50 + u^55*x^49 + u^42*x^48 + u^37*x^44 + u^10*x^42 + u^27*x^41 + u^9*x^40 + u^30*x^38 + u^49*x^37 + u^58*x^36 + u^13*x^35 + u^58*x^34 + u^47*x^33 + u^10*x^32 + u^55*x^28 + u^49*x^26 + u^51*x^25 + u^5*x^24 + u^57*x^22 + u^32*x^21 + x^20 + u^51*x^19 + u^33*x^18 + u^26*x^17 + u^57*x^16 + u^16*x^14 + u^24*x^13 + u^32*x^12 + u^35*x^11 + u^5*x^10 + u^11*x^9 + u^12*x^8 + u^35*x^7 + u^17*x^6 + u^26*x^5 + u^18*x^4 + u^55*x^3 + u^52*x^2 + u^47*x,

u^7*x^56 + u^29*x^52 + u^32*x^50 + u^14*x^49 + u^21*x^48 + u^12*x^44 + u^54*x^42 + u^25*x^41 + u^40*x^40 + u^44*x^38 + u*x^37 + u^8*x^36 + u^18*x^35 + u*x^34 + u^8*x^33 + u^20*x^32 + u^2*x^28 + u^43*x^26 + u^6*x^25 + u^35*x^24 + u^32*x^22 + u^51*x^21 + u^8*x^20 + u^57*x^19 + u^13*x^18 + u^45*x^17 + u^44*x^16 + u^45*x^14 + u^15*x^13 + u^8*x^12 + u^59*x^11 + u^32*x^10 + u^53*x^9 + u^32*x^8 + u^51*x^7 + u^41*x^6 + u^9*x^5 + u^48*x^4 + u^27*x^3 + u^18*x^2 + u^58*x,

u^23*x^56 + u^25*x^52 + u^5*x^50 + x^49 + u^22*x^48 + u^40*x^44 + u^30*x^42 + u^60*x^41 + u^44*x^40 + u^13*x^38 + u^45*x^37 + u^56*x^36 + u^46*x^35 + u^31*x^34 + u^15*x^33 + u^32*x^32 + u^6*x^28 + u^46*x^26 + u^51*x^25 + u^20*x^24 + u^10*x^22 + u^18*x^21 + u^48*x^20 + u^46*x^19 + u^43*x^18 + u^55*x^17 + u^16*x^16 + u^32*x^14 + u^21*x^13 + u*x^12 + u^28*x^11 + u^14*x^10 + u^57*x^9 + u^21*x^8 + u^46*x^7 + u^2*x^6 + u^5*x^5 + u^45*x^4 + u^58*x^3 + u^13*x^2 + u^52*x,

u^25*x^56 + u^51*x^52 + u^6*x^50 + u^35*x^49 + u^44*x^48 + u^27*x^42 + u^58*x^41 + u^44*x^40 + u^51*x^38 + u^2*x^37 + u^33*x^36 + u^10*x^35 + u^9*x^34 + u^13*x^33 + u^16*x^32 + u^4*x^28 + u^25*x^26 + u^41*x^25 + u^49*x^24 + u^59*x^22 + u^21*x^21 + u^26*x^20 + u^56*x^19 + u^26*x^18 + u^48*x^17 + u^24*x^16 + u^26*x^14 + u^54*x^13 + u^26*x^12 + u^9*x^11 + u^42*x^10 + u^6*x^9 + u^49*x^8 + u^6*x^7 + u^5*x^6 + u^39*x^5 + u^32*x^4 + u^57*x^3 + u^40*x^2 + u^44*x,

u^37*x^60 + u^18*x^58 + u^4*x^57 + u^6*x^56 + u^61*x^54 + u^29*x^53 + u^55*x^52 + u*x^51 + u^7*x^50 + u^6*x^49 + u^22*x^48 + u^57*x^46 + u^52*x^45 + u^23*x^44 + u^51*x^43 + u^20*x^42 + u^48*x^41 + u^31*x^40 + u^58*x^39 + u^44*x^38 + u^48*x^37 + u^42*x^36 + u^61*x^35 + u^41*x^34 + u^52*x^33 + u^18*x^32 + u^22*x^30 + u^44*x^29 + u^13*x^28 + u^34*x^27 + u^52*x^26 + u^49*x^25 + u^34*x^24 + u^32*x^23 + u*x^22 + u^23*x^21 + u^7*x^20 + u^33*x^19 + u^37*x^18 + u^48*x^16 + u^46*x^15 + u^37*x^14 + u^40*x^13 + u^9*x^12 + u^13*x^11 + u^25*x^10 + u^16*x^9 + u*x^8 + u^12*x^7 + u^19*x^6 + u^50*x^5 + u^40*x^4 + u^6*x^3 + u^54*x^2 + u^20*x,

u^24*x^52 + u^35*x^50 + u^19*x^49 + u^57*x^48 + u^55*x^44 + u^17*x^42 + u^23*x^41 + u^37*x^40 + u^23*x^38 + u^2*x^37 + u^20*x^36 + u^15*x^35 + u^21*x^34 + u^16*x^33 + u^62*x^32 + u^22*x^28 + u^39*x^26 + u^16*x^25 + u^47*x^24 + u^28*x^22 + u^34*x^21 + u^56*x^20 + u^60*x^19 + u^35*x^18 + u^28*x^17 + u^14*x^16 + u^5*x^14 + u*x^13 + u^6*x^12 + u^4*x^11 + u^50*x^10 + u^54*x^9 + u^15*x^8 + u^9*x^7 + u^34*x^6 + u^34*x^5 + u^48*x^4 + u^46*x^3 + u^31*x^2 + u^41*x,

u^49*x^56 + u^39*x^52 + u^48*x^50 + u^24*x^49 + u^32*x^48 + u^50*x^44 + u^30*x^42 + u^12*x^41 + u^45*x^40 + u^62*x^38 + u^33*x^37 + u^14*x^36 + u^56*x^35 + u^2*x^34 + u^58*x^33 + u^61*x^32 + u^54*x^28 + u^3*x^26 + u^39*x^25 + u^16*x^24 + u^54*x^22 + u^56*x^21 + u^9*x^20 + u^58*x^19 + u^41*x^18 + u^40*x^17 + u^12*x^16 + u^2*x^14 + u^62*x^13 + u^7*x^12 + u^26*x^11 + u^14*x^10 + u^42*x^9 + u^8*x^8 + u^49*x^7 + u^28*x^6 + u^44*x^5 + u^44*x^4 + u^3*x^3 + u^8*x^2 + u^33*x,

u^22*x^56 + u^56*x^52 + u^62*x^50 + u^35*x^49 + u^27*x^48 + u^13*x^44 + u^4*x^42 + u^29*x^41 + u^44*x^40 + u^16*x^38 + u^47*x^37 + u^38*x^36 + u^38*x^35 + u^25*x^34 + u^21*x^33 + u^32*x^32 + u^30*x^28 + u^44*x^26 + u^20*x^25 + u^27*x^24 + u^17*x^22 + u^47*x^21 + u^30*x^20 + u^26*x^19 + u^48*x^18 + u^58*x^17 + u^50*x^16 + u^50*x^14 + u^46*x^13 + u^12*x^12 + u^54*x^11 + u^24*x^10 + u^20*x^9 + u^26*x^8 + u^7*x^7 + u^15*x^6 + u^13*x^5 + u^45*x^4 + u^61*x^3 + u^5*x^2 + u^48*x,

u^44*x^56 + u^6*x^52 + u^5*x^50 + u^55*x^49 + u^36*x^48 + u^11*x^44 + u^5*x^42 + u^30*x^41 + u^14*x^40 + u^51*x^38 + u^32*x^37 + u^57*x^36 + u^24*x^35 + u^4*x^34 + u^37*x^33 + u^26*x^32 + u^18*x^28 + u^51*x^26 + u^18*x^25 + u^29*x^24 + u^48*x^22 + u^11*x^21 + u^12*x^20 + u^42*x^18 + u^56*x^17 + u^56*x^16 + u^11*x^14 + u^5*x^13 + u^13*x^12 + u^26*x^11 + u^32*x^10 + u^21*x^9 + u^36*x^8 + u^37*x^7 + u^61*x^6 + u^23*x^5 + u^55*x^4 + u^19*x^3 + u^7*x^2 + u^10*x,

u^61*x^56 + u^37*x^52 + u^26*x^50 + u^27*x^49 + u^22*x^48 + u^39*x^44 + u^56*x^42 + u^48*x^41 + u^53*x^40 + u^35*x^38 + u^30*x^37 + u^57*x^36 + u^49*x^35 + u^8*x^34 + u^54*x^33 + x^32 + u^51*x^28 + u^52*x^26 + u^3*x^25 + u^36*x^24 + u^53*x^22 + u^7*x^21 + u^28*x^20 + u^42*x^19 + u^52*x^18 + u^51*x^17 + u^57*x^16 + u^61*x^14 + u^29*x^13 + u^37*x^12 + u^2*x^11 + u^20*x^10 + u^16*x^9 + u^3*x^8 + u^32*x^7 + u*x^6 + u^8*x^5 + x^4 + u^40*x^3 + u^40*x^2 + u^45*x,

u^32*x^56 + u^10*x^52 + u^41*x^50 + u^45*x^49 + u^27*x^48 + u^7*x^44 + u^15*x^42 + u^4*x^41 + u^15*x^40 + u^53*x^38 + u^50*x^37 + u^10*x^36 + u^31*x^35 + u^36*x^34 + u^18*x^33 + u^19*x^32 + u^59*x^28 + u^16*x^26 + u^41*x^25 + u^56*x^24 + u^10*x^22 + u*x^21 + u^21*x^20 + u^10*x^19 + u^26*x^18 + u^36*x^17 + x^16 + u^31*x^14 + u^50*x^13 + u^44*x^12 + u^33*x^11 + u^11*x^10 + u^46*x^9 + u^29*x^8 + u^48*x^7 + u^9*x^6 + u^23*x^5 + u^11*x^4 + u^58*x^3 + u^2*x^2 + u^7*x,

u^24*x^56 + u^55*x^52 + u^22*x^50 + u^5*x^49 + u^36*x^48 + u^11*x^44 + u^22*x^42 + u^47*x^41 + u^6*x^40 + u^30*x^38 + u*x^37 + u^47*x^36 + u^36*x^35 + u^48*x^34 + u^43*x^33 + u^8*x^32 + u^21*x^28 + u^62*x^26 + u^52*x^25 + u^30*x^24 + u^61*x^22 + u^26*x^21 + u^5*x^20 + u^35*x^19 + u^53*x^17 + x^16 + u^21*x^14 + u^28*x^13 + u^28*x^12 + u^41*x^11 + u^55*x^10 + u^50*x^9 + u^39*x^8 + u^11*x^7 + u^54*x^6 + u^37*x^5 + u*x^4 + u^49*x^2 + x,

u^16*x^56 + u^32*x^52 + u^6*x^50 + u^34*x^49 + u^59*x^48 + u^53*x^44 + u^46*x^42 + u^11*x^41 + u^4*x^40 + u^46*x^38 + u^10*x^37 + u^41*x^36 + u^58*x^35 + u^23*x^34 + u^2*x^33 + u^11*x^32 + u^45*x^28 + u^19*x^26 + u^54*x^25 + u^38*x^24 + u^58*x^22 + u^12*x^20 + u^57*x^19 + u^8*x^18 + u^26*x^17 + u^29*x^16 + u^3*x^14 + u^45*x^13 + u^33*x^12 + u^9*x^11 + u^29*x^10 + u^61*x^9 + u^13*x^8 + u^55*x^7 + u^57*x^6 + u^17*x^5 + u^11*x^4 + u^25*x^3 + u^18*x^2 + u^7*x,

u^35*x^60 + u^16*x^58 + u^2*x^57 + u^4*x^56 + u^59*x^54 + u^27*x^53 + u^8*x^52 + u^62*x^51 + u^10*x^50 + u^7*x^49 + u^59*x^48 + u^55*x^46 + u^50*x^45 + u^54*x^44 + u^49*x^43 + u^27*x^42 + u^5*x^41 + u^20*x^40 + u^56*x^39 + u^12*x^38 + x^37 + u^17*x^36 + u^37*x^35 + u^51*x^34 + u^4*x^33 + u^59*x^32 + u^20*x^30 + u^42*x^29 + u^7*x^28 + u^32*x^27 + u^15*x^26 + u^35*x^25 + u^10*x^24 + u^30*x^23 + u^14*x^22 + u^51*x^21 + u^8*x^20 + u*x^19 + u^44*x^18 + u^58*x^17 + u^45*x^16 + u^44*x^15 + u^4*x^14 + u^38*x^13 + u^46*x^12 + u^61*x^11 + u^51*x^10 + u^57*x^9 + u^46*x^8 + u^19*x^7 + u^54*x^6 + u^32*x^5 + u^5*x^4 + u^46*x^3 + u^28*x^2 + u^51*x,

u^35*x^56 + u^41*x^52 + u^48*x^50 + u^22*x^49 + u^58*x^48 + u^26*x^44 + u^33*x^42 + u^28*x^41 + u^27*x^40 + u^54*x^38 + u^44*x^37 + u^2*x^36 + u^58*x^35 + u^18*x^34 + u^52*x^33 + u^36*x^32 + u^23*x^28 + u^10*x^26 + u^34*x^25 + u^20*x^24 + u^35*x^22 + u^28*x^21 + u^61*x^20 + u^7*x^19 + u^16*x^18 + u^52*x^17 + u^49*x^16 + u^26*x^14 + u^21*x^13 + u^20*x^12 + u^6*x^11 + u^15*x^10 + u^16*x^9 + u^19*x^8 + u^48*x^7 + u^14*x^6 + u^30*x^5 + u^8*x^4 + u^29*x^3 + u^51*x^2 + u^61*x,

u^51*x^56 + u^23*x^52 + u^53*x^50 + u^7*x^49 + u^22*x^48 + u^6*x^44 + u^3*x^42 + u^7*x^41 + u^62*x^40 + u^58*x^38 + u^48*x^37 + u^22*x^36 + u^15*x^35 + u^13*x^34 + u^49*x^33 + u^2*x^32 + u^59*x^28 + u^36*x^26 + u^46*x^25 + u^46*x^24 + u^41*x^22 + u^14*x^21 + u^40*x^20 + u^23*x^18 + u^37*x^17 + u^25*x^16 + u^45*x^14 + u^35*x^13 + u^42*x^12 + u^32*x^11 + u^15*x^10 + u^46*x^9 + u^55*x^8 + u^58*x^7 + u^39*x^6 + u^10*x^5 + u^20*x^4 + x^3 + u^47*x^2 + u^27*x,

u^54*x^56 + u^6*x^52 + u^49*x^50 + u^5*x^49 + u^52*x^48 + u^49*x^44 + u^13*x^42 + u^39*x^41 + u^41*x^40 + u^23*x^38 + u^31*x^37 + u^43*x^36 + u^24*x^35 + u^19*x^34 + u^35*x^33 + u^49*x^32 + u^48*x^28 + u^58*x^26 + u^42*x^25 + u^39*x^24 + u^12*x^22 + u^46*x^21 + u^3*x^20 + u^40*x^19 + u^61*x^18 + u^61*x^17 + u^11*x^16 + u^34*x^14 + u^40*x^13 + u^10*x^12 + u^25*x^11 + u^42*x^10 + u^4*x^9 + u^59*x^8 + u^40*x^7 + u^49*x^6 + u^15*x^5 + u^16*x^4 + u^47*x^3 + u^32*x^2 + u^14*x,

u^37*x^60 + u^18*x^58 + u^4*x^57 + u^21*x^56 + u^61*x^54 + u^29*x^53 + u^7*x^52 + u*x^51 + u^25*x^50 + u^26*x^49 + u^50*x^48 + u^57*x^46 + u^52*x^45 + u^35*x^44 + u^51*x^43 + u^23*x^42 + u^26*x^41 + u^58*x^40 + u^4*x^38 + u^11*x^37 + u^16*x^36 + u^35*x^35 + u^12*x^34 + u^32*x^33 + u^24*x^32 + u^22*x^30 + u^44*x^29 + u^39*x^28 + u^34*x^27 + u^37*x^26 + u^25*x^25 + u^49*x^24 + u^32*x^23 + u^6*x^22 + u^28*x^21 + u^49*x^20 + u^48*x^19 + u^12*x^18 + u^45*x^17 + u*x^16 + u^46*x^15 + u^41*x^14 + u^37*x^13 + u^13*x^12 + u^24*x^11 + u^59*x^10 + u^31*x^9 + u^46*x^8 + u^4*x^7 + u^58*x^6 + u^49*x^5 + u^16*x^4 + u^11*x^3 + u^15*x^2 + u^33*x,

u^43*x^56 + u^33*x^52 + u^30*x^50 + u^22*x^49 + u^62*x^48 + u^23*x^44 + u^7*x^42 + u^48*x^41 + u^62*x^40 + u^47*x^38 + u^56*x^37 + u^52*x^36 + u^53*x^35 + u^41*x^34 + u^36*x^33 + x^32 + u^30*x^28 + u^30*x^26 + u^34*x^25 + u^33*x^24 + u^6*x^22 + u^19*x^21 + u^56*x^20 + u^18*x^19 + u^7*x^18 + u^18*x^17 + u^33*x^16 + u^18*x^14 + u^51*x^13 + u^30*x^12 + u^54*x^11 + u^15*x^10 + u^9*x^9 + u^12*x^8 + x^7 + u^23*x^6 + u^27*x^5 + u^36*x^4 + x^3 + u^11*x^2 + u^14*x,

u^11*x^56 + u^41*x^52 + u^15*x^50 + u^32*x^49 + u^58*x^48 + u^27*x^44 + u^4*x^42 + u^3*x^41 + u^4*x^40 + u^12*x^38 + u^6*x^37 + u^11*x^36 + u^52*x^35 + u^53*x^34 + u^19*x^33 + u^45*x^32 + u^21*x^28 + u^41*x^26 + u^2*x^25 + u^10*x^24 + u^32*x^22 + u^19*x^21 + u^3*x^20 + u^11*x^19 + u^18*x^18 + u^5*x^17 + x^16 + u^45*x^14 + u^4*x^13 + u^26*x^12 + u^13*x^11 + u^7*x^10 + u^41*x^9 + u^29*x^8 + u^4*x^7 + u^29*x^6 + u^57*x^5 + u^27*x^4 + u^4*x^3 + u^43*x^2 + u^31*x,

u^51*x^56 + u^57*x^52 + u^37*x^50 + u^17*x^49 + u^50*x^48 + u^29*x^44 + u^4*x^42 + u^16*x^40 + u^55*x^38 + u^39*x^37 + u^54*x^36 + u^9*x^35 + u^18*x^34 + u^61*x^33 + u^60*x^32 + u^16*x^28 + u^58*x^26 + u^14*x^25 + u^48*x^24 + u^25*x^22 + u^55*x^21 + u^40*x^20 + u^18*x^19 + u^57*x^18 + u^53*x^17 + u^22*x^16 + u^17*x^14 + u^24*x^13 + u^52*x^12 + u^44*x^11 + u^50*x^10 + u^59*x^9 + u^60*x^8 + u^22*x^7 + u^56*x^6 + u^5*x^5 + u^6*x^4 + u^36*x^3 + u^4*x^2 + u^10*x,

u^13*x^56 + u^41*x^52 + u^22*x^50 + u^46*x^49 + u^20*x^48 + u^23*x^44 + u^42*x^42 + u^48*x^41 + u^60*x^40 + u^58*x^38 + u^31*x^37 + u^13*x^36 + u^5*x^35 + u^19*x^34 + u^5*x^33 + u^34*x^32 + u^11*x^28 + u^53*x^26 + u^44*x^25 + u^19*x^24 + u^39*x^22 + u^20*x^21 + u^41*x^20 + u^13*x^19 + u^38*x^18 + u^33*x^17 + u^35*x^16 + u^56*x^14 + u^14*x^13 + u^16*x^12 + u^47*x^11 + u^55*x^10 + u^60*x^9 + u^36*x^8 + u^41*x^7 + u^9*x^6 + u^25*x^5 + u^62*x^4 + u^59*x^3 + u^18*x^2 + u^56*x,

u^20*x^56 + u^24*x^52 + u^10*x^50 + u^54*x^49 + u^52*x^48 + u^10*x^44 + u^23*x^42 + u^29*x^41 + u^50*x^40 + u^58*x^38 + u^52*x^37 + u^56*x^36 + u^36*x^35 + u^26*x^34 + u^51*x^33 + u^21*x^32 + u^57*x^28 + u^11*x^26 + u^8*x^25 + u^43*x^24 + u^38*x^22 + u^25*x^21 + u^17*x^20 + u^15*x^19 + u^36*x^18 + u^14*x^17 + u^51*x^16 + u^34*x^14 + u^41*x^13 + u^56*x^12 + u^23*x^11 + u*x^10 + u^61*x^9 + u^13*x^8 + u^54*x^7 + u^58*x^6 + u^62*x^5 + u^27*x^3 + u^61*x^2 + u^61*x,

u^40*x^56 + u^26*x^52 + u^39*x^50 + u^58*x^49 + u^55*x^48 + u^60*x^44 + u^47*x^42 + u^42*x^41 + u^13*x^40 + u^7*x^38 + u^23*x^37 + u^29*x^36 + u^18*x^35 + u^56*x^34 + u^17*x^33 + u^34*x^32 + u^7*x^28 + u^46*x^26 + x^25 + u^17*x^24 + u^46*x^22 + u^46*x^21 + u^43*x^20 + u^39*x^19 + u^59*x^18 + u^16*x^17 + u^55*x^16 + u^55*x^14 + u^9*x^13 + u^11*x^12 + u^2*x^11 + u^25*x^10 + u^43*x^9 + u^45*x^8 + u^46*x^7 + u^4*x^6 + u^31*x^5 + u^38*x^4 + u^25*x^3 + u^14*x^2 + u^5*x,

u^37*x^60 + u^18*x^58 + u^4*x^57 + u^8*x^56 + u^61*x^54 + u^29*x^53 + u^40*x^52 + u*x^51 + u^62*x^50 + u^16*x^49 + u^57*x^46 + u^52*x^45 + u^51*x^43 + u^11*x^42 + u^56*x^41 + u^21*x^40 + u^58*x^39 + u^27*x^38 + u^46*x^37 + u^52*x^36 + u^20*x^35 + u^26*x^34 + u^27*x^33 + u^58*x^32 + u^22*x^30 + u^44*x^29 + u^6*x^28 + u^34*x^27 + u^47*x^26 + u^36*x^25 + u^30*x^24 + u^32*x^23 + u^51*x^22 + u^29*x^21 + u^12*x^20 + u^51*x^18 + u^5*x^17 + u^7*x^16 + u^46*x^15 + u^25*x^14 + u^12*x^13 + u^23*x^12 + u^46*x^11 + u^61*x^10 + u^18*x^9 + u^45*x^8 + u^2*x^7 + u^21*x^6 + u^12*x^5 + u^4*x^4 + u^9*x^3 + u^53*x^2 + u^31*x,

u^46*x^60 + u^27*x^58 + u^13*x^57 + u^30*x^56 + u^7*x^54 + u^38*x^53 + u^8*x^52 + u^10*x^51 + u^60*x^50 + u^32*x^49 + u^50*x^48 + u^3*x^46 + u^61*x^45 + u^10*x^44 + u^60*x^43 + u^35*x^42 + u^51*x^41 + u^28*x^40 + u^4*x^38 + u^43*x^38 + u^58*x^37 + u*x^36 + u^46*x^35 + u^2*x^34 + u^37*x^33 + u^28*x^32 + u^31*x^30 + u^53*x^29 + u^2*x^28 + u^43*x^27 + u^23*x^26 + u^36*x^25 + u^24*x^24 + u^41*x^23 + u^57*x^22 + u^47*x^21 + u^13*x^20 + u^41*x^19 + u^17*x^18 + u^29*x^17 + u^22*x^16 + u^55*x^15 + u^38*x^14 + u^2*x^13 + u^18*x^12 + u^48*x^11 + u^28*x^10 + u^26*x^9 + u*x^8 + u^27*x^7 + u^26*x^6 + u^59*x^5 + u^7*x^4 + u^37*x^3 + u^46*x^2 + u^23*x,

u^28*x^60 + u^9*x^58 + u^58*x^57 + u^17*x^56 + u^52*x^54 + u^20*x^53 + u^30*x^52 + u^55*x^51 + u^55*x^50 + u^42*x^49 + u^25*x^48 + u^48*x^46 + u^43*x^45 + u^52*x^44 + u^42*x^43 + u^47*x^42 + u^24*x^41 + u^32*x^40 + u^49*x^39 + u^24*x^38 + u^24*x^37 + u^57*x^35 + u^38*x^34 + u^46*x^33 + u^53*x^32 + u^13*x^30 + u^35*x^29 + u^5*x^28 + u^45*x^27 + u^25*x^26 + u^27*x^25 + u*x^24 + u^23*x^23 + u^47*x^22 + u^9*x^21 + u^14*x^20 + u^46*x^19 + u^9*x^18 + u^52*x^17 + u^59*x^16 + u^37*x^15 + u^54*x^14 + u^39*x^13 + u^53*x^12 + u^27*x^11 + u^36*x^10 + u^27*x^9 + u^44*x^8 + u^39*x^7 + u^53*x^6 + u^33*x^5 + u^17*x^4 + u^56*x^3 + u^3*x^2 + u^19*x,

u^28*x^56 + u^49*x^52 + u^4*x^50 + u^52*x^49 + u^15*x^48 + u^52*x^44 + u^50*x^42 + u^18*x^41 + u^42*x^40 + u^51*x^38 + u^3*x^37 + u^31*x^36 + u^30*x^35 + u^11*x^34 + u^57*x^33 + u^12*x^32 + u^9*x^28 + x^26 + u^62*x^25 + u^57*x^24 + u^45*x^22 + u^41*x^21 + u^49*x^20 + u^28*x^18 + u^33*x^17 + u^19*x^16 + u^11*x^14 + u^46*x^13 + u^61*x^12 + u^23*x^11 + u^26*x^10 + u^30*x^9 + u^62*x^8 + u^47*x^7 + u^59*x^6 + u^10*x^5 + u^32*x^4 + u^52*x^3 + u^35*x^2 + u^39*x,

u^53*x^56 + u^21*x^52 + u^36*x^50 + u^36*x^49 + u^43*x^48 + u^53*x^44 + u^51*x^42 + u^39*x^41 + u^41*x^40 + u^17*x^38 + u*x^37 + u^16*x^36 + u^37*x^35 + u^51*x^34 + u^42*x^33 + u^34*x^32 + u^42*x^28 + x^26 + u^47*x^25 + u^30*x^24 + u^59*x^22 + u^43*x^21 + u^2*x^20 + u^31*x^19 + u^35*x^18 + u^53*x^17 + u^21*x^14 + u^19*x^13 + u^36*x^11 + u^32*x^10 + u^2*x^9 + u^38*x^8 + u^21*x^7 + u^4*x^6 + u^28*x^5 + u^25*x^4 + u^57*x^3 + u^57*x^2 + u^55*x,

u^56*x^56 + u^3*x^52 + u^20*x^50 + u^38*x^49 + u^9*x^48 + u^19*x^44 + u^25*x^42 + u^37*x^41 + u^20*x^40 + u^3*x^38 + u^22*x^37 + u^40*x^36 + u^43*x^35 + u^12*x^34 + u^42*x^33 + u^19*x^32 + u^36*x^28 + u^24*x^26 + u^30*x^25 + u^32*x^24 + u^14*x^22 + u^49*x^21 + u^8*x^20 + u^2*x^18 + u^37*x^17 + u^59*x^16 + u^17*x^14 + u^14*x^13 + u^42*x^12 + u^52*x^11 + u^28*x^10 + u^41*x^9 + u^36*x^8 + u^18*x^7 + u^39*x^6 + u^49*x^5 + u^34*x^4 + u^32*x^3 + u^47*x^2 + u^24*x,

u^17*x^56 + u^21*x^52 + u^55*x^50 + u^28*x^49 + u^39*x^48 + u^59*x^44 + u^37*x^42 + u^45*x^41 + u^5*x^40 + u^7*x^38 + u^59*x^37 + u^27*x^36 + u^36*x^35 + u^15*x^34 + u^57*x^33 + u^17*x^32 + u^41*x^28 + u^49*x^26 + u^2*x^25 + u^6*x^24 + u^35*x^22 + u^12*x^21 + u^37*x^20 + u^25*x^19 + u^61*x^18 + u^14*x^17 + u^9*x^16 + u^56*x^14 + u^48*x^13 + u^44*x^12 + u^28*x^11 + u^39*x^10 + u^23*x^9 + u^49*x^8 + u^54*x^7 + u^38*x^6 + u^24*x^5 + u^61*x^4 + u^20*x^3 + u^9*x^2 + u^2*x,

u^47*x^56 + u^40*x^52 + u^56*x^50 + u^30*x^49 + u^62*x^48 + u^46*x^44 + u^21*x^42 + u^32*x^41 + u^53*x^40 + u^56*x^38 + u^33*x^37 + u^33*x^36 + u^26*x^35 + u^30*x^34 + u*x^33 + u^53*x^32 + u^50*x^28 + u^2*x^26 + u^53*x^25 + u^43*x^24 + u^38*x^22 + u^27*x^21 + u^57*x^20 + u^15*x^19 + u^42*x^18 + u^45*x^17 + u^35*x^16 + u^27*x^15 + u^22*x^13 + u^15*x^12 + u^41*x^11 + u^34*x^10 + u^56*x^9 + u^10*x^8 + u^24*x^7 + u^11*x^6 + u^45*x^5 + u^14*x^4 + u^24*x^3 + u^31*x^2 + u^54*x,

u^44*x^60 + u^25*x^58 + u^11*x^57 + u^59*x^56 + u^5*x^54 + u^36*x^53 + u^9*x^52 + u^8*x^51 + u^41*x^50 + u^10*x^49 + u^49*x^48 + u*x^46 + u^59*x^45 + u^41*x^44 + u^58*x^43 + u^5*x^42 + u^37*x^41 + u^12*x^40 + u^2*x^39 + u^47*x^38 + u^59*x^37 + u^23*x^36 + u^4*x^35 + u^40*x^33 + u^51*x^32 + u^29*x^30 + u^51*x^29 + u^28*x^28 + u^41*x^27 + u^3*x^26 + u^28*x^25 + u^38*x^24 + u^39*x^23 + u^26*x^22 + u^8*x^21 + u^12*x^20 + u^25*x^19 + u^7*x^18 + u^62*x^17 + u^49*x^16 + u^53*x^15 + u^59*x^14 + u^47*x^13 + u^50*x^12 + u^9*x^11 + u^45*x^10 + u^31*x^9 + u^5*x^8 + u^5*x^7 + u^36*x^6 + u^42*x^5 + u^60*x^4 + u^36*x^3 + u^57*x^2 + u^11*x,

u^35*x^60 + u^16*x^58 + u^2*x^57 + u^58*x^56 + u^59*x^54 + u^27*x^53 + u^37*x^52 + u^62*x^51 + u^26*x^50 + u^44*x^49 + u^13*x^48 + u^55*x^46 + u^50*x^45 + u^49*x^43 + u^60*x^42 + u^42*x^41 + u^54*x^40 + u^56*x^39 + u^37*x^38 + u^20*x^37 + u^41*x^36 + u^46*x^35 + u^47*x^34 + u^41*x^33 + u^26*x^32 + u^20*x^30 + u^42*x^29 + u^50*x^28 + u^32*x^27 + u^15*x^26 + u^29*x^25 + u^16*x^24 + u^30*x^23 + u^36*x^22 + u^35*x^21 + u^29*x^20 + u^59*x^19 + u^7*x^18 + u^57*x^17 + u^35*x^16 + u^44*x^15 + u^11*x^14 + u^27*x^13 + u^3*x^12 + u^42*x^11 + u^55*x^10 + u^29*x^9 + u^25*x^8 + u^14*x^7 + u^30*x^6 + u^28*x^5 + u^59*x^4 + u^42*x^3 + u^14*x^2 + u^5*x,

u^52*x^56 + u*x^52 + u^46*x^50 + u^24*x^49 + u^47*x^48 + u^30*x^44 + u^23*x^42 + u^9*x^41 + u^55*x^40 + u^55*x^38 + u^26*x^37 + u^31*x^36 + u^34*x^35 + u^31*x^34 + u^17*x^33 + u^38*x^32 + u^2*x^28 + u^19*x^26 + u^50*x^25 + u^31*x^24 + u^5*x^22 + u^55*x^21 + u^37*x^20 + u^10*x^19 + u^51*x^18 + u^44*x^17 + u^35*x^16 + u^2*x^14 + u^33*x^13 + u^22*x^12 + u^3*x^11 + x^10 + u^40*x^9 + u^61*x^8 + u^38*x^7 + u^29*x^6 + u^23*x^5 + u^51*x^4 + u^3*x^3 + u^7*x^2 + u^30*x,

u^54*x^56 + u^57*x^52 + u^40*x^50 + u^26*x^49 + x^48 + u^27*x^44 + u^2*x^42 + u^22*x^41 + u^10*x^40 + u^62*x^38 + u^2*x^37 + u^11*x^36 + u*x^35 + u^31*x^34 + u^24*x^33 + u^60*x^32 + u^49*x^28 + u^56*x^26 + u^49*x^25 + u^59*x^22 + u^35*x^21 + u^49*x^20 + u^49*x^18 + u^3*x^17 + u^42*x^16 + u^50*x^14 + u^49*x^13 + u^34*x^12 + u^56*x^11 + u^36*x^10 + u^31*x^9 + u^9*x^8 + u^45*x^7 + u^16*x^6 + u^56*x^5 + u^44*x^4 + u^22*x^3 + u^62*x^2 + u^29*x,

u^40*x^52 + u^15*x^50 + u^5*x^49 + u^42*x^48 + u^6*x^44 + u^44*x^42 + u^34*x^41 + u^54*x^40 + u^42*x^38 + u^51*x^37 + u^8*x^36 + u^55*x^35 + x^34 + u^58*x^33 + u^46*x^32 + u^19*x^28 +

u'48*x^26 + u'8*x^25 + u'51*x^22 + u'44*x^21 + u'48*x^20 + u'52*x^19 + u'23*x^18 + u'41*x^17 + u'17*x^16 + u'52*x^14 + u'4*x^13 + u'60*x^12 + u'38*x^11 + u'15*x^10 + u'55*x^9 + u'5*x^8 + u'60*x^7 + u'38*x^6 + u'61*x^5 + u'21*x^4 + u'16*x^3 + u'9*x^2 + u'15*x,

u'4*x^56 + u'58*x^52 + u'40*x^50 + u'9*x^49 + u'3*x^48 + u'42*x^44 + u'46*x^42 + u'58*x^41 + x^40 + u'29*x^38 + u'2*x^37 + u'5*x^36 + u'39*x^35 + u'38*x^34 + u'4*x^33 + u'56*x^32 + u'30*x^28 + u'5*x^26 + u'29*x^25 + u'47*x^24 + u'11*x^22 + u'18*x^21 + u'20*x^20 + u'20*x^19 + u'37*x^18 + u'32*x^17 + u'8*x^16 + u'37*x^14 + u'47*x^13 + u'17*x^11 + u'11*x^10 + u'36*x^9 + u'3*x^8 + u'46*x^7 + u'47*x^6 + u'5*x^5 + u'20*x^4 + u'22*x^3 + u'33*x^2 + u'6*x,

u'33*x^56 + u'13*x^52 + u'12*x^50 + u'43*x^49 + u'8*x^48 + u'36*x^44 + u'5*x^42 + u'31*x^41 + u'6*x^40 + u'26*x^38 + u'53*x^37 + u'42*x^36 + u'55*x^35 + u'16*x^34 + u'5*x^33 + u'28*x^32 + u'41*x^28 + u'4*x^26 + u'21*x^25 + u'23*x^24 + u'2*x^22 + x^21 + u'38*x^20 + u'51*x^19 + u'9*x^18 + u'58*x^17 + u'37*x^16 + u'61*x^14 + u'23*x^13 + u'61*x^12 + u'13*x^11 + u'56*x^10 + u'26*x^9 + u'44*x^8 + u'11*x^7 + u'18*x^6 + u'49*x^5 + u'30*x^4 + u'44*x^3 + u'35*x^2 + u'51*x,

u'55*x^56 + u'47*x^52 + u'33*x^49 + u'10*x^48 + x^44 + u'16*x^42 + u'30*x^41 + u'40*x^40 + u'2*x^38 + u'22*x^37 + x^36 + u'54*x^35 + u'55*x^34 + u'43*x^33 + u'22*x^32 + u'40*x^28 + u'6*x^26 + u'6*x^25 + u'9*x^24 + u'34*x^22 + u'48*x^21 + u'62*x^20 + u'51*x^19 + u'53*x^18 + u'3*x^17 + u'33*x^16 + u'35*x^14 + u'33*x^13 + u'27*x^12 + u'47*x^11 + u'55*x^10 + u'47*x^9 + u'48*x^8 + u'5*x^7 + u'47*x^6 + u'34*x^5 + u'44*x^4 + u'16*x^3 + u'52*x^2 + u'13*x,

u'12*x^56 + u'45*x^52 + u'44*x^50 + u'46*x^49 + u'44*x^48 + u'9*x^44 + u'39*x^42 + u'4*x^41 + u'11*x^40 + u'45*x^38 + u'20*x^37 + u'24*x^36 + u'51*x^35 + u'32*x^34 + u'29*x^33 + u'56*x^32 + u'60*x^28 + u'53*x^26 + u'9*x^25 + u'44*x^24 + u'2*x^22 + u'37*x^21 + u'37*x^20 + u'17*x^19 + u'57*x^18 + u'40*x^17 + u*x^16 + u'39*x^14 + u'49*x^13 + u'36*x^12 + u'38*x^11 + u'23*x^10 + u'23*x^9 + u'22*x^8 + u'35*x^7 + u'30*x^6 + u'25*x^5 + u'37*x^4 + u'17*x^3 + u'36*x^2 + u'41*x,

u'6*x^52 + u'42*x^50 + u'42*x^49 + u'15*x^48 + u'33*x^44 + u'53*x^42 + u'29*x^41 + u'41*x^40 + u'4*x^38 + u'27*x^37 + u'53*x^36 + u'17*x^35 + u'45*x^34 + u'41*x^33 + u'59*x^32 + u'3*x^28 + u'54*x^26 + u'37*x^25 + u'30*x^24 + u'36*x^22 + u'49*x^21 + u'48*x^20 + u'18*x^19 + u'41*x^18 + u'22*x^17 + u'16*x^16 + u'55*x^14 + u'31*x^13 + u'50*x^12 + u'25*x^11 + u'42*x^10 + u'8*x^9 + u'39*x^8 + u'19*x^7 + u'13*x^6 + u'41*x^5 + u'18*x^4 + u'19*x^3 + u'32*x^2 + u'32*x,

u'27*x^56 + u'11*x^52 + u'21*x^50 + u'56*x^49 + u'2*x^48 + u'57*x^44 + u'14*x^42 + u'27*x^41 + u'54*x^40 + u'20*x^38 + u'49*x^37 + u'40*x^36 + u'45*x^35 + u'45*x^34 + u'47*x^33 + u'41*x^32 + u'17*x^28 + u'30*x^26 + u'9*x^25 + u*x^24 + u'42*x^22 + u'62*x^21 + u'42*x^20 + u'57*x^19 + u'60*x^18 + u'41*x^16 + u'20*x^14 + u'12*x^13 + u'39*x^12 + u'46*x^11 + u'54*x^10 + u'6*x^9 + u'6*x^8 + u'45*x^7 + u'22*x^6 + u'53*x^5 + u'46*x^4 + x^3 + u'9*x^2 + u'19*x,

u'28*x^60 + u'9*x^58 + u'58*x^57 + u'37*x^56 + u'52*x^54 + u'20*x^53 + u*x^52 + u'55*x^51 + u'58*x^50 + u'55*x^49 + u'21*x^48 + u'48*x^46 + u'43*x^45 + u'48*x^44 + u'42*x^43 + u'11*x^42 + u'29*x^41 + u'45*x^40 + u'49*x^39 + u'38*x^38 + u'50*x^37 + u'53*x^36 + u'45*x^35 + u'21*x^34 + u'33*x^33 + u'49*x^32 + u'13*x^30 + u'35*x^29 + u'41*x^28 + u'25*x^27 + u'18*x^26 + u'3*x^25 + u'45*x^24 + u'23*x^23 + u'59*x^22 + u'38*x^21 + u'38*x^20 + u'13*x^19 + u'27*x^18 + u'13*x^17 + u'43*x^16 + u'37*x^15 + u'13*x^14 + u'24*x^13 + u'51*x^12 + u'19*x^11 + u'3*x^10 + u'11*x^9 + u'3*x^8 + u'50*x^7 + u'7*x^6 + u'54*x^5 + u'25*x^4 + u'6*x^3 + u'5*x^2 + u'10*x,

u'8*x^60 + u'52*x^58 + u'38*x^57 + u'5*x^56 + u'32*x^54 + x^53 + u'11*x^52 + u'35*x^51 + u'54*x^50 + u'5*x^49 + u'2*x^48 + u'28*x^46 + u'23*x^45 + u'7*x^44 + u'22*x^43 + u'40*x^42 + u'4*x^41 + u'2*x^40 + u'29*x^39 + u'31*x^38 + u'51*x^37 + u'61*x^36 + u'55*x^35 + u'62*x^34 + u'54*x^33 + u'55*x^32 + u'56*x^30 + u'15*x^29 + u'46*x^28 + u'5*x^27 + u'52*x^26 + u'38*x^25 + u'44*x^24 + u'3*x^23 + u'58*x^22 + u'26*x^21 + u'10*x^20 + u'46*x^19 + u'37*x^18 + u'20*x^17 + u'4*x^16 + u'17*x^15 + u'18*x^14 + u'17*x^13 + u'52*x^12 + u'52*x^11 + u'31*x^10 + u'9*x^9 + u'3*x^8 + u'23*x^7 + u'14*x^6 + u'22*x^5 + u'46*x^4 + u'51*x^3 + u'35*x^2 + u'7*x,

u'59*x^56 + u'43*x^52 + u'12*x^50 + u'3*x^49 + u'61*x^48 + u'41*x^44 + u'8*x^42 + u'55*x^41 + u'57*x^40 + u'19*x^38 + u'55*x^37 + u'40*x^36 + u'11*x^35 + u'18*x^34 + u'6*x^33 + u'53*x^32 + u'57*x^28 + u'27*x^26 + u'15*x^25 + u'47*x^24 + u'15*x^22 + u'42*x^21 + u'12*x^20 + u'34*x^19 + u'18*x^18 + u'53*x^17 + u'17*x^16 + u'60*x^14 + u'23*x^13 + u'52*x^12 + u'36*x^11 + u'21*x^10 + u'33*x^9 + u'14*x^8 + u'33*x^7 + u'40*x^6 + u'18*x^5 + u'22*x^4 + u'10*x^3 + u'46*x^2 + u'53*x,

u'34*x^56 + u'37*x^52 + u'37*x^50 + u'19*x^49 + u'27*x^48 + u'47*x^44 + u'2*x^42 + u'13*x^41 + u'20*x^40 + u'56*x^38 + u'55*x^37 + u*x^36 + u'25*x^35 + u'38*x^34 + u'24*x^33 + u'8*x^32 + x^28 + u'30*x^26 + u'30*x^25 + u'37*x^24 + u'34*x^22 + u'15*x^21 + u'18*x^20 + u'4*x^19 + u'8*x^18 + u'58*x^17 + u'12*x^16 + u'10*x^14 + u'54*x^13 + u'46*x^12 + u'16*x^11 + u'54*x^10 + u'26*x^9 + u'62*x^8 + u'44*x^7 + u'30*x^6 + u*x^5 + u'37*x^4 + u'62*x^3 + u'18*x^2 + u'18*x,

u'13*x^56 + u'4*x^52 + u'24*x^50 + u'24*x^49 + u'6*x^48 + u'34*x^44 + u'43*x^42 + u'22*x^41 + u'38*x^40 + u'37*x^38 + u'54*x^37 + u'11*x^36 + u'37*x^35 + u'47*x^33 + x^32 + u'31*x^28 + u'15*x^26 + u'61*x^25 + u'15*x^24 + u'18*x^22 + u'44*x^21 + u'22*x^20 + u'46*x^19 + u*x^18 + u'28*x^17 + u'29*x^16 + u'18*x^14 + u'43*x^13 + u'58*x^12 + u'52*x^11 + u'21*x^10 + u'54*x^9 + u'27*x^8 + u'6*x^7 + u'19*x^6 + u'56*x^5 + u'60*x^4 + u'54*x^3 + u'38*x^2 + u'27*x,

u'30*x^56 + u'36*x^52 + u'34*x^50 + u'37*x^49 + u'11*x^48 + u'36*x^44 + u'43*x^42 + u'3*x^41 + u'24*x^40 + u'25*x^37 + u'46*x^36 + u'36*x^35 + u'19*x^34 + u'61*x^33 + u'25*x^32 + u'10*x^28 + u'11*x^26 + u'x^25 + u'7*x^24 + u'50*x^22 + u'2*x^21 + u'53*x^20 + u'34*x^19 + u'18*x^18 + u'30*x^17 + u'13*x^16 + u'45*x^14 + u'15*x^13 + u'51*x^12 + u'3*x^11 + u'26*x^10 + u'56*x^9 + u'54*x^8 + u'32*x^7 + u'28*x^6 + u'16*x^5 + u'44*x^4 + u'17*x^3 + u'57*x^2 + u'2*x,

u'54*x^60 + u'35*x^58 + u'21*x^57 + u'47*x^56 + u'15*x^54 + u'46*x^53 + u'63*x^52 + u'18*x^51 + u'11*x^50 + u'56*x^49 + u'41*x^48 + u'11*x^46 + u'6*x^45 + u'53*x^44 + u'5*x^43 + u'9*x^42 + u'37*x^41 + u'15*x^40 + u'12*x^39 + u'38*x^38 + u'21*x^37 + u'50*x^36 + u*x^35 + u'19*x^34 + u'59*x^33 + u'48*x^32 + u'39*x^30 + u'61*x^29 + u'62*x^28 + u'51*x^27 + u'31*x^26 + u'18*x^25 + u'40*x^24 + u'49*x^23 + x^22 + u'57*x^21 + u'11*x^20 + u'33*x^19 + u'50*x^18 + u'29*x^17 + u'13*x^16 + x^15 + u'6*x^14 + u'56*x^13 + u'36*x^12 + u'35*x^11 + u'53*x^10 + u'32*x^9 + u'42*x^8 + u'59*x^7 + u'53*x^6 + u'19*x^5 + u'46*x^4 + u'53*x^3 + u'57*x^2,

u'35*x^56 + u'30*x^52 + u'43*x^50 + u'31*x^49 + u'3*x^48 + u'32*x^44 + u'58*x^42 + u'41*x^41 + u'19*x^40 + u'34*x^38 + u'52*x^37 + u'39*x^36 + u'58*x^35 + u'4*x^34 + u'41*x^33 + u'16*x^32 + u'18*x^28 + u'45*x^26 + u'47*x^25 + u'20*x^24 + u'61*x^22 + u'3*x^21 + u'22*x^20 + u'21*x^19 + u'27*x^18 + u'39*x^17 + u'34*x^16 + u'62*x^14 + u'2*x^13 + u'62*x^11 + u'50*x^10 + u'18*x^9 + u'49*x^8 + u'44*x^7 + u'60*x^6 + u'33*x^5 + u'61*x^4 + u'53*x^3 + u'58*x^2 + u'2*x,

u'30*x^56 + u'18*x^52 + u'41*x^50 + u'22*x^49 + u'56*x^48 + u'50*x^44 + u'56*x^42 + u'45*x^41 + u'16*x^40 + u'23*x^38 + u'62*x^37 + u'43*x^36 + u'31*x^35 + u'6*x^34 + u'11*x^33 + u'18*x^32 + u'34*x^28 + u'22*x^26 + u'58*x^25 + u'6*x^24 + u'46*x^22 + u'24*x^21 + u'30*x^20 + u'43*x^19 + u'46*x^18 + u'62*x^17 + u'55*x^16 + u'50*x^14 + u'29*x^13 + u'44*x^12 + u'38*x^11 + u'20*x^10 + u'21*x^9 + u'20*x^8 + u'45*x^7 + u'9*x^5 + u'22*x^4 + u'24*x^3 + u'9*x^2 + u'46*x,

u'12*x^56 + u'47*x^52 + u'13*x^50 + u'8*x^49 + u'55*x^48 + u'28*x^44 + u'32*x^42 + u'15*x^41 + u'62*x^40 + u'35*x^38 + u'39*x^37 + u'44*x^36 + u'39*x^35 + u'31*x^34 + u'10*x^33 + u'16*x^32 + u'61*x^28 + u'7*x^26 + u'20*x^25 + u'31*x^24 + u'43*x^22 + u'55*x^21 + u'58*x^20 + x^19 + u'39*x^18 + u'39*x^17 + u'48*x^16 + u'3*x^14 + u'3*x^13 + u'36*x^10 + u'19*x^9 + u'51*x^8 + u'55*x^7 + u'33*x^6 + u'44*x^5 + u'25*x^4 + u'39*x^3 + u*x^2 + u'26*x,

u'22*x^56 + u'14*x^52 + u'45*x^50 + u'25*x^49 + u'26*x^44 + u'25*x^42 + u'13*x^41 + u'12*x^40 + u'57*x^38 + u'39*x^37 + u'26*x^36 + u'5*x^35 + u'21*x^34 + u'51*x^33 + u'19*x^32 + u'58*x^28 + u'45*x^26 + u'16*x^25 + u'62*x^24 + u'34*x^22 + u'24*x^21 + u'17*x^20 + u'7*x^19 + u'46*x^18 + u'62*x^17 + u'57*x^16 + u'4*x^14 + u'60*x^13 + u'33*x^12 + u'49*x^10 + u'50*x^9 + u'12*x^8 + u'13*x^7 + u'59*x^6 + u'54*x^5 + u'35*x^4 + u'7*x^3 + u'54*x^2 + u'22*x,

u'10*x^56 + u'59*x^52 + u'10*x^50 + u'18*x^49 + u'21*x^48 + u'25*x^44 + u'49*x^42 + u'44*x^41 + u'29*x^40 + u'30*x^38 + u'35*x^37 + u'45*x^36 + u'26*x^35 + u'21*x^34 + u'10*x^33 + u'4*x^32 + u'19*x^28 + u'23*x^26 + u'33*x^25 + u'12*x^24 + u'42*x^22 + u'59*x^21 + u'56*x^20 + u'14*x^19 + u'55*x^18 + u'25*x^17 + u'15*x^16 + u'48*x^14 + u'44*x^13 + u'25*x^12 + u'48*x^11 + u'58*x^10 + u'23*x^9 + u'59*x^8 + u'50*x^7 + u'12*x^6 + u'53*x^5 + u'21*x^4 + x^3 + u'32*x^2 + u'12*x,

u'4*x^56 + u'13*x^52 + u'31*x^50 + u'17*x^49 + u'26*x^48 + u'7*x^44 + u'2*x^42 + u'3*x^41 + u'20*x^40 + u'6*x^38 + u'35*x^37 + u'46*x^36 + u'46*x^35 + u'57*x^34 + u'52*x^33 + u'6*x^32 + u'27*x^28 + u'29*x^26 + u'47*x^25 + u'13*x^24 + u'60*x^22 + u'45*x^21 + u'56*x^20 + u'39*x^19 + u'9*x^18 + u'56*x^17 + u'32*x^16 + u'2*x^14 + u'12*x^13 + u'15*x^12 + u'42*x^11 + u'28*x^10 + u'38*x^9 + u'6*x^8 + u'60*x^7 + u'33*x^6 + u'24*x^5 + u'27*x^4 + u'31*x^3 + u'22*x^2 + u'33*x,

u'35*x^56 + u'40*x^52 + u'29*x^50 + u'46*x^49 + u'31*x^48 + u'19*x^44 + u'52*x^42 + u'36*x^41 + u'30*x^40 + u'4*x^38 + x^37 + u'49*x^36 + u'12*x^35 + u'28*x^34 + u'58*x^33 + u'38*x^32 + u'34*x^28 + u'37*x^26 + u'53*x^25 + u*x^24 + u'18*x^22 + u'60*x^21 + u'25*x^20 + u'51*x^19 + u'51*x^18 + u'16*x^17 + u'48*x^16 + u'30*x^14 + u'8*x^13 + u*x^12 + u'18*x^11 + u'19*x^10 + u'10*x^9 + u'44*x^8 + u'26*x^7 + u'60*x^6 + u'34*x^5 + u'59*x^4 + u'42*x^3 + u'15*x^2 + u'62*x,

u'53*x^56 + u'7*x^52 + u'44*x^50 + u'58*x^49 + u'24*x^48 + u'62*x^44 + u'50*x^42 + u'39*x^41 + u'10*x^40 + u'38*x^38 + u'12*x^37 + u'10*x^36 + u'44*x^35 + u'53*x^34 + u'15*x^33 + u'5*x^32 + u'11*x^28 + u'10*x^26 + u'54*x^25 + u'25*x^24 + u'26*x^22 + u'32*x^21 + u'41*x^20 + u'30*x^19 + u'16*x^18 + u'31*x^17 + u'22*x^16 + u'39*x^14 + u'34*x^13 + u'56*x^12 + u'43*x^11 + u'3*x^10 + u'28*x^9 + u'22*x^8 + u'45*x^7 + u'37*x^6 + u'41*x^5 + u'24*x^4 + u'23*x^3 + u'14*x^2 + u'19*x,

u'8*x^56 + x^52 + u'60*x^50 + u'27*x^49 + u'3*x^48 + u'16*x^44 + u'2*x^42 + u'26*x^41 + u'53*x^40 + u'42*x^38 + u'53*x^37 + u'30*x^36 + u'38*x^35 + u'62*x^33 + u'8*x^32 + u'28*x^28 + u'3*x^26 + u'44*x^25 + u'7*x^24 + u'57*x^22 + u'23*x^21 + u'14*x^20 + u'47*x^19 + u'16*x^18 + u'19*x^17 + u'36*x^16 + u'14*x^14 + u'61*x^13 + u'24*x^12 + u'50*x^11 + u'28*x^10 + u'53*x^9 + u'52*x^8 + u'43*x^7 + u'44*x^6 + u'26*x^5 + u'18*x^4 + u'55*x^3 + u'19*x^2 + u'32*x,

u'23*x^56 + u'49*x^52 + u'6*x^50 + u'8*x^49 + u'48*x^48 + u'31*x^44 + u'4*x^42 + u'62*x^41 + u'48*x^40 + u'30*x^38 + u'41*x^37 + u'26*x^36 + u'48*x^34 + u'21*x^33 + u'22*x^32 + u'36*x^28 + u'12*x^26 + u'53*x^25 + u'50*x^24 + u'12*x^22 + u'7*x^21 + u'44*x^20 + u'59*x^19 + u'5*x^18 + u'56*x^17 + u'61*x^16 + u'25*x^14 + u'32*x^13 + u'52*x^12 + u'52*x^11 + u'10*x^10 + u'19*x^9 + u'27*x^8 + u'60*x^7 + u'12*x^6 + u'58*x^5 + u'55*x^4 + u'20*x^3 + u'51*x^2 + u'18*x,

u^23*x^56 + u^49*x^52 + u^6*x^50 + u^8*x^49 + u^48*x^48 + u^31*x^44 + u^4*x^42 + u^62*x^41 + u^48*x^40 + u^30*x^38 + u^41*x^37 + u^26*x^36 + u^48*x^34 + u^21*x^33 + u^22*x^32 + u^36*x^28 + u^12*x^26 + u^53*x^25 + u^50*x^24 + u^12*x^22 + u^7*x^21 + u^44*x^20 + u^59*x^19 + u^5*x^18 + u^56*x^17 + u^61*x^16 + u^25*x^14 + u^32*x^13 + u^52*x^12 + u^52*x^11 + u^10*x^10 + u^19*x^9 + u^27*x^8 + u^60*x^7 + u^12*x^6 + u^58*x^5 + u^55*x^4 + u^20*x^3 + u^51*x^2 + u^18*x,

u^44*x^60 + u^25*x^58 + u^11*x^57 + u^61*x^56 + u^5*x^54 + u^36*x^53 + u^56*x^52 + u^8*x^51 + u^52*x^50 + u^24*x^49 + u^6*x^48 + u*x^46 + u^59*x^45 + u^60*x^44 + u^58*x^43 + u^30*x^42 + u^34*x^41 + u^30*x^40 + u^2*x^39 + u^60*x^38 + u^2*x^37 + u^57*x^36 + u^17*x^35 + u^58*x^34 + u^53*x^33 + u^11*x^32 + u^29*x^30 + u^51*x^29 + u^20*x^28 + u^41*x^27 + u^11*x^26 + u^57*x^25 + u^56*x^24 + u^39*x^23 + u^16*x^21 + u^40*x^20 + u^60*x^19 + u^53*x^18 + x^17 + u^21*x^16 + u^53*x^15 + u^14*x^14 + u^28*x^13 + u^34*x^11 + u^19*x^10 + u^31*x^9 + u^43*x^8 + u^13*x^7 + u^38*x^6 + u^32*x^5 + u^44*x^4 + u^42*x^3 + u^30*x^2 + u^19*x,

u^35*x^60 + u^16*x^58 + u^2*x^57 + u^51*x^56 + u^59*x^54 + u^27*x^53 + u^5*x^52 + u^62*x^51 + u^7*x^50 + u^39*x^49 + u^56*x^48 + u^55*x^46 + u^50*x^45 + u^34*x^44 + u^49*x^43 + u^6*x^41 + u^56*x^40 + u^56*x^39 + u^24*x^38 + u^39*x^37 + u^19*x^36 + u^51*x^35 + u^11*x^34 + u^60*x^33 + u^22*x^32 + u^20*x^30 + u^42*x^29 + x^28 + u^32*x^27 + u^20*x^26 + u^23*x^25 + u^38*x^24 + u^30*x^23 + u^48*x^22 + u^43*x^21 + u^26*x^20 + u^3*x^19 + u^28*x^18 + u^47*x^17 + u^38*x^16 + u^44*x^15 + u^33*x^14 + u^40*x^13 + u^42*x^12 + u^62*x^11 + u^38*x^10 + u^28*x^9 + u^37*x^8 + u^22*x^7 + u^27*x^6 + u^48*x^5 + u^17*x^4 + u^22*x^3 + u^46*x^2 + u^15*x,

u^62*x^56 + u^49*x^52 + u^39*x^50 + u^35*x^49 + u^27*x^48 + u^62*x^44 + u^25*x^42 + u^5*x^41 + u^46*x^40 + u^48*x^38 + u^45*x^37 + u^4*x^36 + u^56*x^35 + u^2*x^34 + u^28*x^33 + u^6*x^32 + u^40*x^28 + u^12*x^26 + u^9*x^25 + u^36*x^24 + u^46*x^22 + x^21 + u^58*x^20 + u^53*x^19 + u^11*x^18 + u^30*x^17 + u^18*x^16 + u^13*x^14 + u^55*x^13 + u^39*x^12 + u^9*x^11 + u^14*x^10 + x^9 + u^32*x^8 + u^28*x^7 + u^53*x^6 + u^30*x^5 + u^53*x^4 + u^61*x^3 + u^15*x^2 + u^60*x,

u^54*x^60 + u^35*x^58 + u^21*x^57 + u^21*x^56 + u^15*x^54 + u^46*x^53 + u^9*x^52 + u^18*x^51 + x^50 + u^18*x^49 + u^5*x^48 + u^11*x^46 + u^6*x^45 + u^12*x^44 + u^5*x^43 + u^36*x^42 + u^49*x^41 + u^42*x^40 + u^12*x^39 + u^59*x^38 + u^3*x^37 + u^23*x^36 + u^52*x^35 + u^59*x^34 + u^54*x^33 + u^54*x^32 + u^39*x^30 + u^61*x^29 + u^25*x^28 + u^51*x^27 + u^33*x^26 + u^32*x^25 + u^19*x^24 + u^49*x^23 + u^44*x^21 + u^55*x^20 + u^46*x^19 + u^6*x^18 + u^44*x^17 + u^17*x^16 + x^15 + u^23*x^14 + u^23*x^13 + u^33*x^12 + u^51*x^11 + u^28*x^10 + u^6*x^9 + u^20*x^8 + u^44*x^7 + u^21*x^6 + u^19*x^5 + u^57*x^4 + u^60*x^3 + u^40*x^2 + u^57*x,

u^21*x^60 + u^2*x^58 + u^51*x^57 + u^62*x^56 + u^45*x^54 + u^13*x^53 + u^36*x^52 + u^48*x^51 + u^29*x^50 + u^58*x^49 + u*x^48 + u^41*x^46 + u^36*x^45 + u^16*x^44 + u^35*x^43 + u^8*x^42 + u^37*x^41 + u^53*x^40 + u^42*x^39 + u^21*x^38 + u^62*x^37 + u^9*x^36 + u^61*x^35 + u^8*x^34 + u^17*x^33 + u^27*x^32 + u^6*x^30 + u^28*x^29 + u^55*x^28 + u^18*x^27 + u^61*x^26 + u^57*x^25 + u^51*x^24 + u^16*x^23 + u^40*x^22 + u^6*x^21 + u*x^20 + u^53*x^19 + u^43*x^18 + u^62*x^17 + u^10*x^16 + u^30*x^15 + u^43*x^14 + u^34*x^13 + u^55*x^12 + u^16*x^11 + u^26*x^10 + u^16*x^9 + u^36*x^8 + u^10*x^7 + u^29*x^6 + u^6*x^5 + u^55*x^4 + u^60*x^3 + u^40*x^2 + u^34*x,

u^15*x^52 + u^15*x^50 + u^34*x^49 + u^47*x^48 + u^14*x^44 + u^4*x^42 + u^62*x^41 + u^53*x^40 + u^50*x^38 + u^49*x^36 + u^17*x^35 + u^52*x^34 + u^54*x^33 + u^12*x^32 + u^2*x^28 + u^14*x^26 + u^43*x^24 + u^49*x^23 + u^31*x^22 + u^3*x^21 + u^47*x^20 + u^55*x^19 + u^31*x^18 + u^53*x^17 + u^52*x^16 + u^24*x^14 + u^42*x^13 + x^12 + u^61*x^11 + u^59*x^10 + u^61*x^9 + u^45*x^8 + u^43*x^7 + u^59*x^6 + u^61*x^5 + u^44*x^4 + u^18*x^3 + u^8*x^2 + u^31*x,

u^32*x^56 + u^60*x^52 + u^55*x^50 + u^32*x^49 + u^27*x^48 + x^44 + u^9*x^42 + u^49*x^41 + u^34*x^40 + u^31*x^38 + u^20*x^37 + u^13*x^36 + u^14*x^35 + u^23*x^34 + u^55*x^33 + u^27*x^32 + u^30*x^28 + u^50*x^26 + u^22*x^25 + u^49*x^24 + u^59*x^22 + u^34*x^21 + u^49*x^20 + u^16*x^19 + u*x^18 + u^61*x^17 + u^60*x^16 + u^46*x^14 + u^8*x^13 + u^33*x^12 + u^47*x^11 + u^8*x^10 + u^40*x^9 + u^28*x^8 + u^38*x^7 + u^18*x^6 + u^30*x^5 + u*x^4 + u^26*x^3 + x^2 + u^36*x,

u^36*x^56 + u^46*x^52 + u^48*x^50 + u^34*x^49 + u^62*x^48 + u^28*x^44 + u^39*x^42 + u^8*x^41 + u^10*x^40 + u^27*x^38 + u^38*x^37 + u^45*x^36 + u^21*x^35 + u^17*x^34 + u^41*x^33 + u^17*x^32 + u^42*x^28 + u^42*x^26 + u^31*x^24 + u^54*x^22 + u^35*x^21 + u^62*x^20 + u^17*x^19 + u^14*x^18 + u^27*x^17 + u^6*x^16 + u*x^14 + u^7*x^13 + u^45*x^12 + u^23*x^11 + u^36*x^10 + u^39*x^9 + u^41*x^8 + u^34*x^7 + u^53*x^6 + u^42*x^5 + u^5*x^4 + u^57*x^3 + u^57*x^2 + u^36*x,

u^19*x^56 + u^17*x^52 + u^32*x^50 + u^26*x^49 + u^45*x^48 + u^23*x^44 + u^59*x^42 + u^40*x^41 + u^54*x^40 + u^34*x^38 + u^54*x^37 + u^29*x^36 + u^15*x^35 + u^16*x^34 + u^13*x^33 + u^31*x^32 + u^46*x^28 + u^37*x^26 + u^41*x^25 + u^7*x^24 + u^6*x^22 + u^59*x^21 + u^55*x^20 + u^30*x^19 + u^6*x^18 + u^19*x^17 + u^36*x^16 + u^32*x^14 + u^15*x^13 + u^13*x^12 + u^39*x^11 + u^57*x^10 + u^60*x^9 + u^26*x^8 + x^7 + u^17*x^6 + u^32*x^5 + u^42*x^4 + u^50*x^3 + u^50*x^2 + u^7*x,

u^50*x^56 + u^30*x^52 + u^57*x^50 + u^13*x^49 + u^51*x^48 + u^7*x^44 + u^43*x^41 + u^10*x^40 + u^47*x^38 + u^56*x^37 + u^9*x^36 + u^11*x^35 + u^35*x^34 + u^34*x^33 + u^33*x^32 + u^5*x^28 + u^51*x^26 + u^18*x^25 + u^43*x^24 + u^10*x^22 + u^24*x^21 + u^42*x^20 + u^23*x^19 + u^58*x^18 + u^13*x^17 + u^4*x^16 + u^11*x^14 + u^5*x^13 + u^25*x^12 + u^58*x^11 + u^39*x^10 + u^51*x^9 + u^31*x^8 + x^7 + u^29*x^6 + u^16*x^5 + u^36*x^4 + u^5*x^3 + u^17*x^2 + u^51*x

];

Function:

```
x^3 + u^17*(x^17 + x^18 + x^20 + x^24) + //non-quadratic
u^14*((u^52*x^3 + u^6*x^5 + u^19*x^7 + u^28*x^11 + u^2*x^13) +
(u^52*x^3 + u^6*x^5 + u^19*x^7 + u^28*x^11 + u^2*x^13)^2 +
(u^52*x^3 + u^6*x^5 + u^19*x^7 + u^28*x^11 + u^2*x^13)^4 +
(u^52*x^3 + u^6*x^5 + u^19*x^7 + u^28*x^11 + u^2*x^13)^8 +
(u^52*x^3 + u^6*x^5 + u^19*x^7 + u^28*x^11 + u^2*x^13)^16 +
(u^52*x^3 + u^6*x^5 + u^19*x^7 + u^28*x^11 + u^2*x^13)^32 +
(u^2*x)^9 + (u^2*x)^18 + (u^2*x)^36 +
x^21+x^42);
```

#EA--Classes: 25

Degrees: { * 3^10, 4^15 * }

Representatives:

[

u^44*x^60 + u^25*x^58 + u^11*x^57 + u^37*x^56 + u^5*x^54 + u^36*x^53 + u^53*x^52 + u^8*x^51 + u^60*x^50 + u^7*x^49 + u^7*x^48 + u*x^46 + u^59*x^45 + u^14*x^44 + u^58*x^43 + u^52*x^42 + u^50*x^41 + u^50*x^40 + u^2*x^39 + u^36*x^38 + u^4*x^37 + u^55*x^36 + u^13*x^35 + u^16*x^34 + u^2*x^33 + u^24*x^32 + u^29*x^30 + u^51*x^29 + u^22*x^28 + u^41*x^27 + u^3*x^26 + u^35*x^25 + u^53*x^24 + u^39*x^23 + u^30*x^22 + u^30*x^21 + u^59*x^20 + u^22*x^19 + u^5*x^18 + u^27*x^17 + u^8*x^16 + u^53*x^15 + u^47*x^14 + u^38*x^13 + u^44*x^12 + u^3*x^11 + u^19*x^10 + u^21*x^9 + u^62*x^8 + u^16*x^7 + u^12*x^6 + u^55*x^5 + u^58*x^4 + u^51*x^3 + u^7*x^2 + x,

u^46*x^60 + u^10*x^58 + u^15*x^57 + u^4*x^56 + u^23*x^54 + u^6*x^53 + u^28*x^52 + u^16*x^51 + u^20*x^50 + u^26*x^49 + u^52*x^48 + u^13*x^46 + u^32*x^45 + u^31*x^44 + u^61*x^43 + u^39*x^42 + u^4*x^41 + u^11*x^40 + u^18*x^39 + u^19*x^38 + u^25*x^37 + u^15*x^36 + u^21*x^35 + u^30*x^34 + u^59*x^33 + u^32*x^32 + u^30*x^30 + u^12*x^29 + u^24*x^28 + u^50*x^27 + u^62*x^26 + u^26*x^25 + u^30*x^24 + u^45*x^23 + u^19*x^22 + u^8*x^21 + u^43*x^20 + u^31*x^19 + u^60*x^18 + u*x^17 + u^51*x^16 + u^22*x^15 + u^46*x^14 + u^10*x^13 + u^48*x^12 + u^53*x^11 + u^15*x^10 + u^20*x^9 + u^10*x^8 + u^44*x^7 + u^50*x^6 + u^23*x^5 + u^60*x^4 + u^25*x^2 + u^19*x,

u^32*x^60 + u^48*x^58 + u^4*x^57 + u^37*x^56 + u^58*x^54 + u^29*x^53 + u^33*x^52 + u*x^51 + u^13*x^50 + u^32*x^49 + u^21*x^48 + u^56*x^46 + u^59*x^45 + u^53*x^44 + u^26*x^43 + x^42 + u^20*x^41 + u^7*x^40 + u^18*x^39 + u^57*x^38 + u^6*x^37 + u^44*x^36 + u^2*x^35 + u^41*x^34 + u^29*x^33 + u^34*x^32 + u^8*x^30 + u^46*x^29 + u^9*x^28 + u^28*x^27 + u^46*x^26 + u^45*x^25 + u^44*x^24 + u^40*x^23 + u^38*x^22 + u^15*x^21 + u^30*x^20 + u^21*x^19 + u^33*x^18 + u^30*x^17 + u^33*x^16 + u^39*x^15 + u^3*x^14 + u^9*x^13 + u^22*x^12 + u^13*x^11 + u^55*x^10 + u^34*x^9 + u^11*x^8 + u^57*x^7 + u^47*x^6 + u^13*x^5 + u^18*x^4 + u^57*x^3 + u^45*x^2 + u^56*x,

u^5*x^60 + u^2*x^58 + u^59*x^57 + u^42*x^56 + u^14*x^54 + u^53*x^53 + u^60*x^52 + u^41*x^51 + u^23*x^50 + u^61*x^49 + u^57*x^48 + u^11*x^46 + u^14*x^45 + u^44*x^44 + u^29*x^43 + u^15*x^42 + u^27*x^41 + u^24*x^40 + u^5*x^39 + u^24*x^38 + u^33*x^37 + u^26*x^36 + u^45*x^35 + u^19*x^34 + u^10*x^33 + u^51*x^32 + u^41*x^30 + u^8*x^29 + u^2*x^28 + u^14*x^27 + u^3*x^26 + u^5*x^25 + u^11*x^24 + u^44*x^23 + u^51*x^22 + u^44*x^21 + u^4*x^20 + u^19*x^19 + u^35*x^18 + u^37*x^17 + u^19*x^16 + u^59*x^15 + u^32*x^14 + u^11*x^13 + u^62*x^12 + u^39*x^11 + u^50*x^10 + u^36*x^9 + u^23*x^8 + u^45*x^7 + u^25*x^6 + u^27*x^5 + u^40*x^4 + u^22*x^3 + u^12*x^2 + u^56*x,

u^50*x^56 + u^37*x^52 + u^39*x^50 + u^57*x^49 + u^13*x^48 + u^50*x^44 + u^56*x^42 + u^25*x^41 + u^34*x^40 + u^12*x^38 + u^41*x^37 + u^52*x^36 + u^43*x^35 + u^16*x^34 + u^58*x^33 + u^38*x^32 + u^54*x^28 + u^13*x^26 + u^36*x^25 + u^15*x^24 + u^33*x^22 + u^40*x^21 + u^22*x^20 + u^10*x^19 + u^46*x^18 + u^6*x^17 + u^7*x^14 + u^28*x^13 + u^51*x^12 + u^4*x^11 + u^60*x^10 + u^18*x^9 + u^34*x^8 + u^52*x^7 + u^41*x^6 + u^39*x^5 + u^62*x^4 + u^57*x^3 + u^23*x^2 + u^11*x,

u^55*x^60 + u^4*x^58 + u^33*x^57 + u^4*x^56 + u^50*x^54 + u^57*x^53 + u^60*x^52 + u^52*x^51 + u^19*x^50 + u^13*x^49 + u^43*x^46 + u^23*x^45 + u^34*x^44 + u^37*x^43 + u^7*x^42 + u^48*x^41 + u^44*x^40 + u^27*x^39 + u^32*x^38 + u^57*x^37 + u^48*x^36 + u^23*x^35 + u^20*x^34 + u^49*x^33 + u^59*x^32 + u^3*x^30 + u^9*x^29 + u^55*x^28 + u^32*x^27 + u^59*x^26 + u^62*x^25 + u^20*x^24 + u^60*x^23 + x^22 + u^43*x^21 + u^6*x^20 + u^60*x^19 + u^28*x^18 + u^39*x^16 + u^4*x^15 + u^21*x^14 + u^4*x^13 + u^37*x^12 + u^29*x^11 + u^56*x^10 + u^41*x^9 + u^4*x^8 + u^24*x^6 + u^60*x^5 + u^56*x^4 + u^7*x^3 + u*x^2 + u^35*x,

u^54*x^56 + u^58*x^52 + u^41*x^50 + u^45*x^49 + u^20*x^48 + u^24*x^44 + u*x^42 + u^58*x^41 + u^20*x^38 + u^18*x^37 + u^9*x^36 + u^43*x^35 + u^58*x^34 + u^4*x^33 + u^10*x^32 + u^14*x^28 + u^46*x^26 + u^51*x^25 + u^37*x^24 + u^27*x^22 + u^43*x^21 + u^41*x^20 + u^61*x^19 + u*x^18 + u^52*x^17 + u^16*x^16 + u^7*x^14 + u^37*x^13 + u^10*x^12 + u^37*x^11 + u^48*x^10 + u^29*x^9 + u^11*x^8 + u^19*x^7 + u^27*x^6 + u^9*x^5 + u^35*x^4 + u^48*x^3 + u^7*x^2 + u^15*x,

$$u^{30}x^{56} + u^{28}x^{52} + u^{15}x^{50} + u^{58}x^{49} + u^{53}x^{48} + u^{26}x^{44} + u^{40}x^{42} + u^{62}x^{41} + u^{52}x^{40} + u^{27}x^{38} + u^{42}x^{37} + u^{20}x^{36} + u^{17}x^{35} + u^{10}x^{34} + u^{26}x^{33} + u^{55}x^{32} + u^{22}x^{28} + u^{26}x^{26} + u^{60}x^{25} + u^{55}x^{24} + u^{19}x^{22} + u^{41}x^{21} + u^{38}x^{20} + u^{42}x^{19} + u^{35}x^{18} + u^{44}x^{17} + u^{20}x^{16} + u^{2}x^{14} + u^{56}x^{13} + u^{60}x^{12} + u^{22}x^{11} + u^{43}x^{10} + u^{9}x^9 + u^{45}x^8 + u^{2}x^7 + u^{55}x^6 + u^{62}x^5 + u^{35}x^4 + u^{44}x^3 + u^{38}x^2 + u^{47}x,$$

$$u^{46}x^{60} + u^{10}x^{58} + u^{15}x^{57} + u^{11}x^{56} + u^{23}x^{54} + u^{6}x^{53} + u^{30}x^{52} + u^{16}x^{51} + u^{52}x^{50} + u^{4}x^{49} + u^{8}x^{48} + u^{13}x^{46} + u^{32}x^{45} + u^{13}x^{44} + u^{61}x^{43} + u^{33}x^{42} + u^{16}x^{41} + u^{18}x^{40} + u^{18}x^{39} + u^{30}x^{38} + u^{47}x^{37} + u^{62}x^{36} + u^{55}x^{35} + u^{2}x^{34} + u^{46}x^{33} + u^{17}x^{32} + u^{30}x^{30} + u^{12}x^{29} + u^{6}x^{28} + u^{50}x^{27} + u^{45}x^{26} + x^{25} + u^{20}x^{24} + u^{45}x^{23} + u^{35}x^{22} + u^{17}x^{21} + u^{36}x^{20} + u^{12}x^{19} + u^{21}x^{18} + u^{14}x^{17} + u^{53}x^{16} + u^{22}x^{15} + u^{14}x^{14} + u^{59}x^{13} + u^{25}x^{12} + u^{16}x^{11} + u^{25}x^{10} + u^{2}x^9 + u^{33}x^8 + u^{4}x^7 + u^{16}x^6 + u^{42}x^5 + u^{7}x^4 + u^{22}x^3 + u^{43}x^2 + u^{57}x,$$

$$u^8x^{56} + u^{40}x^{52} + u^{50}x^{50} + u^{60}x^{49} + u^{48}x^{48} + u^{45}x^{44} + u^{27}x^{42} + u^{13}x^{41} + u^{19}x^{40} + u^9x^{38} + u^{60}x^{37} + u^{53}x^{36} + u^{32}x^{34} + u^{35}x^{33} + u^{44}x^{32} + u^{32}x^{28} + u^{3}x^{25} + u^{20}x^{24} + u^{38}x^{22} + u^{5}x^{21} + u^{33}x^{20} + u^{61}x^{19} + u^{36}x^{17} + u^{58}x^{16} + u^{38}x^{14} + u^{22}x^{13} + u^{40}x^{12} + u^{47}x^{11} + u^{36}x^{10} + u^{3}x^9 + u^{10}x^8 + u^{35}x^7 + u^{61}x^6 + u^8x^5 + u^{35}x^4 + u^{51}x^3 + u^{40}x^2 + u^2x,$$

$$u^7x^{60} + u^9x^{58} + x^{57} + u^{24}x^{56} + u^{50}x^{54} + u^4x^{53} + u^{61}x^{52} + u^{49}x^{51} + u^{13}x^{50} + u^{21}x^{49} + u^{55}x^{48} + u^{60}x^{46} + u^{23}x^{45} + u^{16}x^{44} + u^{57}x^{43} + u^{19}x^{42} + u^{24}x^{41} + u^{14}x^{40} + u^{21}x^{39} + u^{32}x^{38} + u^{44}x^{37} + u^{29}x^{36} + u^{50}x^{35} + u^{22}x^{34} + u^{55}x^{33} + u^{12}x^{32} + u^{42}x^{30} + u^{43}x^{29} + u^{56}x^{28} + u^{32}x^{27} + u^{59}x^{26} + u^{47}x^{25} + u^{25}x^{24} + u^{37}x^{23} + u^{46}x^{22} + u^{27}x^{21} + u^{41}x^{20} + u^{51}x^{19} + u^{36}x^{18} + u^{35}x^{17} + u^{49}x^{16} + u^{28}x^{15} + u^{38}x^{14} + u^{47}x^{13} + u^{44}x^{12} + u^{13}x^{11} + u^{28}x^{10} + u^{13}x^9 + u^{33}x^8 + u^{59}x^7 + u^{39}x^6 + u^{27}x^5 + u^{61}x^4 + u^{18}x^3 + u^{30}x^2 + u^{19}x,$$

$$u^9x^{56} + u^6x^{52} + u^{38}x^{50} + u^{52}x^{49} + u^{17}x^{48} + u^{55}x^{44} + u^{29}x^{42} + u^{32}x^{41} + u^{30}x^{40} + u^{60}x^{38} + u^{37}x^{37} + u^{17}x^{36} + u^{59}x^{35} + u^{49}x^{34} + u^{59}x^{33} + u^{33}x^{32} + u^{54}x^{28} + u^{2}x^{26} + u^{5}x^{25} + u^{44}x^{24} + u^{22}x^{22} + u^{17}x^{21} + u^{17}x^{20} + u^{6}x^{19} + u^{15}x^{17} + u^{44}x^{16} + u^{60}x^{14} + u^{39}x^{13} + u^{38}x^{12} + u^{56}x^{11} + u^9x^{10} + u^{56}x^8 + u^{36}x^7 + u^{53}x^6 + u^{36}x^5 + u^{5}x^4 + u^3x^3 + u^{29}x^2 + u^5x,$$

$$u^{59}x^{56} + u^{18}x^{52} + u^{59}x^{50} + u^{59}x^{49} + u^{23}x^{48} + u^{51}x^{44} + u^{61}x^{42} + u^{13}x^{41} + u^{57}x^{40} + u^{53}x^{38} + u^{60}x^{37} + u^{24}x^{36} + u^{45}x^{35} + u^{11}x^{33} + u^{20}x^{32} + u^{61}x^{28} + u^{34}x^{26} + u^{24}x^{25} + u^{34}x^{24} + u^{23}x^{22} + u^{17}x^{21} + u^{4}x^{20} + u^{6}x^{18} + u^{20}x^{17} + u^{20}x^{16} + u^{2}x^{14} + u^{29}x^{13} + u^{32}x^{12} + u^{20}x^{11} + u^{34}x^{10} + u^{20}x^9 + u^{33}x^8 + u^{23}x^7 + u^{61}x^6 + u^{57}x^5 + u^{54}x^4 + u^{10}x^3 + u^{45}x^2 + u^{26}x,$$

$$u^{22}x^{56} + u^{46}x^{52} + u^{45}x^{50} + u^{26}x^{49} + u^{11}x^{44} + u^9x^{42} + u^{34}x^{41} + u^{34}x^{38} + u^9x^{37} + u^{33}x^{36} + u^{47}x^{35} + u^3x^{34} + u^{34}x^{33} + u^{53}x^{32} + u^{28}x^{28} + u^{58}x^{26} + u^{46}x^{25} + u^{37}x^{24} + u^{56}x^{22} + u^{48}x^{21} + u^{56}x^{20} + u^{44}x^{19} + u^{45}x^{18} + u^{33}x^{17} + u^{11}x^{16} + u^{4}x^{14} + u^{30}x^{13} + u^{53}x^{12} + u^{11}x^{11} + u^{14}x^{10} + u^5x^9 + u^{26}x^8 + u^{20}x^7 + u^{26}x^6 + u^{25}x^5 + u^{47}x^4 + u^{49}x^3 + u^{58}x^2 + u^{24}x,$$

$$u^{15}x^{416} + u^{28}x^{352} + u^{55}x^{224} + u^{46}x^{208} + u^{21}x^{176} + u^{17}x^{160} + u^3x^{112} + u^{30}x^{104} + u^{40}x^{96} + u^{49}x^{88} + u^{47}x^{80} + u^{40}x^{56} + u^{22}x^{52} + u^{27}x^{48} + x^{44} + u^{14}x^{42} + u^{62}x^{40} + u^{23}x^{36} + u^{27}x^{28} + u^{18}x^{26} + u^{21}x^{24} + u^7x^{22} + u^{14}x^{21} + u^{59}x^{20} + u^{55}x^{18} + u^{17}x^{17} + u^{52}x^{14} + u^{16}x^{13} + u^{33}x^{12} + u^{42}x^{11} + u^{26}x^{10} + u^{32}x^9 + u^{33}x^7 + u^{55}x^6 + u^{20}x^5 + u^{13}x^3,$$

$$u^6x^{60} + u^{46}x^{58} + u^{61}x^{57} + u^{25}x^{56} + u^{50}x^{54} + u^{15}x^{53} + u^x^{52} + u^{45}x^{51} + u^{62}x^{50} + x^{49} + u^{34}x^{48} + u^{22}x^{46} + u^{23}x^{45} + u^x^{44} + u^{16}x^{43} + u^{29}x^{42} + u^{8}x^{41} + u^{29}x^{40} + u^{13}x^{39} + u^{22}x^{38} + u^{26}x^{37} + u^{37}x^{36} + u^{14}x^{35} + u^{30}x^{34} + u^{23}x^{33} + u^{13}x^{32} + u^{10}x^{30} + u^{30}x^{29} + u^{11}x^{28} + u^{32}x^{27} + u^{20}x^{26} + u^{48}x^{25} + u^{36}x^{24} + u^{18}x^{23} + u^{13}x^{22} + u^9x^{21} + u^3x^{20} + u^{55}x^{19} + u^{24}x^{18} + u^{28}x^{17} + u^{17}x^{16} + u^{12}x^{15} + u^{18}x^{14} + u^{2}x^{12} + u^{62}x^{11} + u^{21}x^9 + u^{57}x^8 + u^{58}x^7 + u^{23}x^6 + u^{43}x^5 + u^{33}x^4 + u^3x^3 + u^x^2 + u^{46}x,$$

$$u^8x^{60} + u^{25}x^{58} + u^2x^{57} + u^{27}x^{56} + u^{36}x^{53} + u^{24}x^{52} + u^{53}x^{51} + u^6x^{49} + u^{48}x^{48} + u^x^{46} + u^{57}x^{44} + u^{58}x^{43} + u^{52}x^{42} + u^{24}x^{41} + u^{27}x^{40} + u^{29}x^{39} + u^{28}x^{38} + u^{18}x^{37} + u^{35}x^{36} + u^8x^{35} + u^{45}x^{34} + u^{16}x^{33} + u^{31}x^{32} + u^{11}x^{30} + u^{51}x^{29} + u^{30}x^{28} + u^{10}x^{26} + u^6x^{25} + u^{52}x^{24} + u^{39}x^{23} + u^4x^{22} + u^{55}x^{21} + u^7x^{20} + u^5x^{19} + u^{14}x^{18} + u^{13}x^{17} + u^{34}x^{16} + u^{44}x^{15} + u^{48}x^{14} + u^{14}x^{13} + u^{16}x^{12} + u^{26}x^{11} + u^{18}x^{10} + u^{32}x^9 + u^{25}x^8 + u^7x^7 + u^{51}x^6 + u^{37}x^5 + u^{49}x^4 + u^{31}x^3 + u^{50}x^2 + u^{23}x,$$

$$u^{17}x^{60} + u^{52}x^{58} + u^{20}x^{57} + u^{38}x^{56} + u^5x^{54} + u^{27}x^{53} + u^{16}x^{52} + u^{26}x^{51} + u^{61}x^{50} + u^{21}x^{49} + u^{55}x^{48} + u^{55}x^{46} + u^{59}x^{45} + u^{56}x^{44} + u^{40}x^{43} + u^{46}x^{42} + u^{4}x^{41} + u^{53}x^{40} + u^{38}x^{39} + u^{50}x^{38} + u^{21}x^{37} + x^{36} + u^{35}x^{35} + u^{61}x^{34} + u^5x^{33} + u^{33}x^{32} + u^{47}x^{30} + u^{33}x^{29} + u^{48}x^{28} + u^{41}x^{27} + u^{13}x^{26} + u^{34}x^{25} + u^{21}x^{24} + u^{3}x^{23} + u^{50}x^{22} + u^{37}x^{21} + u^{25}x^{20} + u^{15}x^{19} + u^{34}x^{18} + u^{37}x^{17} + u^{24}x^{16} + u^{62}x^{15} + u^4x^{14} + u^{42}x^{13} + u^{22}x^{12} + u^{45}x^{11} + u^{57}x^{10} + u^{43}x^9 + u^{41}x^8 + u^{51}x^7 + u^{37}x^6 + x^5 + u^{32}x^4 + u^{29}x^3 + u^{18}x^2 + u^x,$$

$$u^{46}x^{60} + u^{10}x^{58} + u^{15}x^{57} + x^{56} + u^{23}x^{54} + u^6x^{53} + u^{16}x^{51} + u^{28}x^{50} + u^{16}x^{49} + u^{56}x^{48} + u^{13}x^{46} + u^{32}x^{45} + u^{20}x^{44} + u^{61}x^{43} + u^{12}x^{42} + u^{33}x^{41} + u^6x^{40} + u^{18}x^{39} + u^{30}x^{38} + u^{28}x^{37} + u^{26}x^{36} + u^{27}x^{35} + u^{62}x^{34} + u^8x^{33} + u^7x^{32} + u^{30}x^{30} + u^{12}x^{29} + u^{49}x^{28} + u^{50}x^{27} + u^{62}x^{26} + u^{48}x^{25} + u^{30}x^{24} + u^{45}x^{23} + u^{47}x^{22} + u^{29}x^{21} + u^{17}x^{20} + u^{49}x^{19} + u^{32}x^{18} + u^{15}x^{17} + u^{35}x^{16} + u^{22}x^{15} + u^{53}x^{14} + u^{47}x^{13} + u^x^{12} + u^{55}x^{11} + u^{14}x^{10} + u^{56}x^9 + u^{61}x^8 + u^{51}x^7 + u^{12}x^6 + u^{17}x^5 + u^{56}x^4 + u^{60}x^3 + u^{26}x^2 + u^{28}x,$$

$$u^{12}x^{60} + u^{38}x^{58} + u^{34}x^{57} + u^{36}x^{56} + u^{21}x^{54} + u^{25}x^{52} + u^{43}x^{51} + u^{19}x^{50} + u^{14}x^{49} + u^{26}x^{48} + u^{48}x^{46} + u^{23}x^{45} + u^{13}x^{44} + u^{28}x^{43} + x^{42} + u^{56}x^{40} + u^{32}x^{39} + u^{27}x^{38} + u^{59}x^{37} + u^{17}x^{36} + u^{58}x^{35} + u^{31}x^{34} + u^5x^{33} + u^{18}x^{32} + u^{35}x^{30} + u^{30}x^{29} + u^{20}x^{28} + u^{49}x^{27} + u^{37}x^{26} + u^{51}x^{25} + u^2x^{24} + u^{39}x^{23} + u^{33}x^{22} + u^{32}x^{21} + u^5x^{20} + u^{30}x^{19} + u^{61}x^{18} + u^{31}x^{17} + u^{23}x^{16} + u^{40}x^{15} + u^{51}x^{14} + u^{54}x^{13} + u^9x^{12} + u^{13}x^{11} + x^{10} + u^{14}x^9 + u^{12}x^8 + u^{28}x^7 + u^4x^6 + u^{16}x^5 + u^5x^4 + u^{55}x^3 + u^{19}x^2 + u^{25}x,$$

$$u^{33}x^{56} + u^{28}x^{52} + u^6x^{50} + u^{49}x^{49} + u^{41}x^{48} + u^{46}x^{44} + u^{8}x^{42} + u^9x^{41} + u^{52}x^{40} + u^{14}x^{38} + u^{52}x^{37} + u^{27}x^{36} + u^{43}x^{34} + u^{47}x^{33} + u^5x^{32} + u^4x^{26} + u^{54}x^{25} + u^{40}x^{24} + u^{11}x^{22} + u^{37}x^{21} + u^x^{20} + u^{30}x^{19} + u^{52}x^{18} + u^{48}x^{17} + u^{56}x^{16} + u^{61}x^{14} + u^8x^{13} + u^{22}x^{12} + u^{35}x^{11} + u^{19}x^{10} + u^{25}x^9 + u^{43}x^8 + u^{6}x^7 + u^x^6 + u^{19}x^5 + u^5x^4 + u^4x^3 + u^{60}x^2 + u^2x,$$

$$u^{19}x^{56} + u^{41}x^{52} + u^4x^{50} + u^{47}x^{49} + u^2x^{48} + u^{27}x^{44} + u^{43}x^{42} + u^{57}x^{41} + u^{31}x^{40} + u^{32}x^{38} + u^9x^{37} + u^{41}x^{36} + u^{10}x^{35} + u^{35}x^{34} + u^{22}x^{33} + u^{47}x^{32} + u^{19}x^{28} + u^x^{26} + u^{36}x^{25} + u^{30}x^{24} + u^9x^{22} + u^{19}x^{21} + u^{36}x^{20} + u^{48}x^{19} + u^8x^{18} + u^{35}x^{17} + u^{57}x^{16} + u^{51}x^{14} + u^{39}x^{13} + u^{26}x^{12} + u^{36}x^{11} + u^{24}x^{10} + u^{19}x^9 + u^{10}x^7 + u^{47}x^6 + u^2x^5 + u^{11}x^4 + u^{51}x^3 + u^7x^2 + u^{57}x,$$

$$u^{11}x^{60} + u^9x^{58} + u^3x^{57} + u^{60}x^{56} + u^{21}x^{54} + u^{20}x^{53} + u^{36}x^{52} + u^{43}x^{51} + u^9x^{50} + u^{56}x^{49} + u^{11}x^{48} + u^{12}x^{46} + u^{43}x^{45} + u^{26}x^{44} + u^{47}x^{43} + u^4x^{42} + u^{23}x^{41} + u^{28}x^{40} + u^{49}x^{39} + u^x^{38} + u^{61}x^{37} + u^{43}x^{36} + u^{20}x^{35} + u^{31}x^{34} + u^{30}x^{33} + u^{53}x^{32} + u^{28}x^{30} + u^{41}x^{29} + u^{22}x^{28} + u^5x^{27} + u^{41}x^{26} + u^{60}x^{25} + u^{33}x^{24} + u^{53}x^{23} + x^{22} + u^{11}x^{21} + u^{43}x^{20} + u^x^{19} + u^{48}x^{18} + u^9x^{17} + u^{41}x^{16} + u^{33}x^{15} + u^{53}x^{14} + u^{55}x^{13} + u^{53}x^{12} + u^7x^{11} + u^{53}x^{10} + u^{27}x^9 + u^{41}x^8 + u^{11}x^7 + u^{39}x^6 + u^{26}x^5 + u^{52}x^4 + u^{41}x^3 + u^{23}x^2 + u^6x,$$

$$u^{44}x^{60} + u^{25}x^{58} + u^{11}x^{57} + u^{39}x^{56} + u^5x^{54} + u^{36}x^{53} + u^{59}x^{52} + u^8x^{51} + u^{52}x^{50} + u^3x^{49} + u^{50}x^{48} + u^x^{46} + u^{59}x^{45} + u^{26}x^{44} + u^{58}x^{43} + u^{23}x^{42} + u^{56}x^{41} + u^{20}x^{40} + u^2x^{39} + u^{38}x^{38} + u^8x^{37} + u^{25}x^{36} + u^{52}x^{35} + u^{44}x^{34} + u^{33}x^{33} + u^{10}x^{32} + u^{29}x^{30} + u^{51}x^{29} + u^{21}x^{28} + u^{41}x^{27} + u^x^{26} + u^{12}x^{25} + u^{35}x^{24} + u^{39}x^{23}$$

$$+ u*x^{22} + u^{15}*x^{21} + u^{16}*x^{20} + u^{34}*x^{19} + u^{11}*x^{18} + u^{15}*x^{17} + u^{53}*x^{15} + u^7*x^{14} + u^{35}*x^{13} + u^{14}*x^{12} + u^5*x^{11} + u^{37}*x^{10} + u^{50}*x^9 + u^{13}*x^8 + u^7*x^7 + u^{14}*x^5 + u^{18}*x^4 + x^3 + u^{17}*x^2 + u^{32}*x,$$

$$u^{26}*x^{60} + u^{34}*x^{58} + u^{38}*x^{57} + u^{11}*x^{56} + u^{54}*x^{53} + x^{52} + u^{62}*x^{51} + u^{57}*x^{50} + u^8*x^{49} + u^{58}*x^{48} + u^{19}*x^{46} + u^{43}*x^{44} + u^{31}*x^{43} + u^{54}*x^{42} + u^{61}*x^{41} + u^{23}*x^{40} + u^{47}*x^{39} + u^{20}*x^{38} + u^{36}*x^{37} + u^{57}*x^{36} + u^{45}*x^{35} + u^9*x^{34} + u*x^{33} + u^{30}*x^{32} + u^{20}*x^{30} + u^{24}*x^{29} + u^{37}*x^{28} + u^{42}*x^{26} + u^9*x^{25} + u^{62}*x^{24} + u^{48}*x^{23} + u^{50}*x^{22} + u^{60}*x^{21} + u^{41}*x^{20} + u^{46}*x^{19} + u^{29}*x^{18} + u^{11}*x^{17} + u^{36}*x^{16} + u^{17}*x^{15} + u^{21}*x^{14} + u^{27}*x^{13} + u^{56}*x^{12} + u^{34}*x^{11} + u^{40}*x^{10} + u^{28}*x^9 + u^{41}*x^8 + u^{17}*x^7 + u^{42}*x^5 + u^{29}*x^4 + u^{49}*x^3 + u^{35}*x^2 + u^{25}*x$$

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Appendix 2

GF(128), simplex codes in C(F)

x^3

There are 256 candidate simplex codes

x^9

There are 256 candidate simplex codes

x^5

There are 256 candidate simplex codes

x^{13}

There are 2 candidate simplex codes

x^{57}

There are 2 candidate simplex codes

x^{126}

There are 2 candidate simplex codes

$x^{80} + x^{66} + x^{10} + x^9 + x^3$

There are 184 candidate simplex codes

$x^{34} + x^{18} + x^5$

There are 184 candidate simplex codes

$x^{20} + x^6 + x^3$

There are 324 candidate simplex codes

$x^{66} + x^{34} + x^{20} + x^{17} + x^3$

There are 184 candidate simplex codes

$x^{34} + x^{33} + x^{17} + x^3$

There are 184 candidate simplex codes

$x^{34} + x^{33} + x^{10} + x^5 + x^3$

There are 296 candidate simplex codes

$x^{66} + x^{18} + x^9 + x^3$

There are 212 candidate simplex codes

$x^{33} + x^{17} + x^{12} + x^3$

There are 240 candidate simplex codes

$x^{66} + x^{34} + x^{20} + x^3$

There are 184 candidate simplex codes

$x^{72} + x^{40} + x^{12} + x^3$

There are 184 candidate simplex codes

$x^{72} + x^{40} + x^{34} + x^6 + x^3$

There are 184 candidate simplex codes

$x^{34} + x^{33} + x^{12} + x^6 + x^5 + x^3$

There are 240 candidate simplex codes

$g^{32}x^96 + g^{77}x^80 + g^{22}x^72 + g^{60}x^68 + g^{74}x^66 + g^{37}x^65 + g^{93}x^48 + g^{43}x^40 + g^{37}x^36 + g^{69}x^34 + g^{114}x^33 + g^{60}x^24 + g^{22}x^20 + g^{32}x^18 + g^{67}x^17 + g^{107}x^12 + g^{88}x^10 + g^{93}x^9 + g^{64}x^6 + g^{121}x^5 + g^{22}x^3$

There are 216 candidate simplex codes

$g^{27}x^96 + g^{74}x^80 + g^{115}x^72 + g^{108}x^68 + g^{10}x^66 + g^{100}x^65 + g^{90}x^48 + g^{15}x^40 + g^{84}x^36 + g^{126}x^34 + g^{6}x^33 + g^{103}x^24 + g^{105}x^20 + g^{103}x^18 + g^{93}x^17 + g^{118}x^12 + g^{119}x^10 + g^{118}x^9 + g^{24}x^6 + g^{20}x^5 + g^{23}x^3$

There are 252 candidate simplex codes

$g^3x^96 + g^{126}x^80 + g^{116}x^72 + g^{36}x^68 + g^{109}x^66 + g^{108}x^65 + g^{90}x^48 + g^4x^40 + g^{70}x^36 + g^{76}x^34 + g^{115}x^33 + g^{79}x^24 + g^{10}x^20 + g^{80}x^18 + g^{117}x^17 + g^4x^10 + g^{62}x^9 + g^{39}x^6 + g^{102}x^5 + g^{26}x^3$

There are 224 candidate simplex codes

$g^{95}x^96 + g^{48}x^80 + g^{14}x^72 + g^{112}x^68 + g^{93}x^66 + g^{16}x^65 + g^{30}x^48 + g^{76}x^40 + g^{103}x^36 + g^{44}x^34 + g^{77}x^33 + g^{50}x^24 + g^{118}x^20 + g^{20}x^18 + g^{101}x^17 + g^{91}x^12 + g^{13}x^10 + g^{115}x^9 + g^{33}x^6 + g^{55}x^3$

There are 224 candidate simplex codes

$g^{49}x^96 + g^{97}x^80 + g^{100}x^72 + g^{6}x^68 + g^{42}x^66 + g^{21}x^65 + g^{29}x^48 + g^{122}x^40 + g^{97}x^36 + g^2x^34 + g^{117}x^33 + g^{68}x^24 + g^{74}x^20 + x^{18} + g^{13}x^{17} + g^{95}x^{12} + g^{90}x^{10} + g^{48}x^9 + g^{55}x^6 + g^{79}x^5 + g^{124}x^3$

There are 208 candidate simplex codes

$g^{104}x^96 + g^{10}x^80 + g^{77}x^72 + g^{121}x^68 + g^{82}x^66 + g^{123}x^65 + g^{17}x^48 + g^{52}x^40 + g^3x^36 + g^{40}x^34 + g^{95}x^33 + g^{57}x^24 + g^5x^20 + g^{122}x^18 + g^{105}x^17 + g^{39}x^12 + g^{41}x^{10} + g^{33}x^9 + g^{73}x^6 + g^9x^5 + g^{10}x^3$

There are 196 candidate simplex codes

$g^{54}x^96 + g^{80}x^80 + g^{54}x^72 + g^{39}x^68 + x^66 + g^{28}x^65 + g^{20}x^48 + g^{25}x^40 + g^9x^36 + g^8x^34 + g^{46}x^33 + g^2x^24 + g^{76}x^20 + g^{125}x^18 + g^{48}x^17 + g^{66}x^{12} + g^{60}x^{10} + g^{36}x^9 + g^{90}x^6 + g^{60}x^5 + g^{121}x^3$

There are 192 candidate simplex codes

$g^{118}x^96 + g^{83}x^80 + g^{70}x^72 + g^{20}x^68 + g^{126}x^66 + g^{100}x^65 + x^48 + g^{115}x^40 + g^{34}x^36 + g^3x^34 + g^{12}x^33 + g^{124}x^24 + g^{78}x^20 + g^{123}x^18 + g^{58}x^17 + g^{15}x^{12} + g^{92}x^{10} + g^{80}x^9 + g^{97}x^6 + g^{15}x^5 + g^{72}x^3$

There are 212 candidate simplex codes

$g^6x^96 + g^{121}x^80 + g^{87}x^72 + g^{26}x^68 + g^{121}x^66 + g^8x^65 + g^{105}x^48 + g^{37}x^40 + g^{98}x^36 + g^{51}x^34 + g^{37}x^33 + g^{25}x^24 + g^{63}x^20 + g^{113}x^18 + g^9x^17 + g^{75}x^{12} + g^{109}x^{10} + g^{53}x^9 + g^{66}x^6 + g^{108}x^5 + g^{45}x^3$

There are 220 candidate simplex codes

$g^{77}x^96 + g^{85}x^80 + g^{36}x^72 + g^{72}x^68 + g^{55}x^66 + g^{42}x^65 + g^{79}x^48 + g^{73}x^40 + g^{38}x^36 + g^{66}x^34 + g^4x^33 + g^{108}x^24 + g^{40}x^20 + g^{74}x^{18} + g^{32}x^{17} + g^{36}x^{12} + g^{94}x^{10} + g^{32}x^9 + g^{80}x^6 + g^2x^5 + g^{81}x^3$

There are 212 candidate simplex codes

$g^{69}x^96 + g^{110}x^80 + g^{100}x^72 + g^{90}x^68 + g^{91}x^66 + g^6x^65 + g^{41}x^48 + g^{43}x^40 + x^36 + g^{114}x^34 + g^{111}x^33 + g^{23}x^24 + g^9x^20 + g^6x^18 + g^{123}x^{17} + g^{60}x^{12} + g^{68}x^{10} + g^{122}x^9 + g^{31}x^6 + g^{99}x^5$

There are 240 candidate simplex codes

$g^{54}x^96 + g^{74}x^80 + g^{79}x^72 + g^5x^68 + g^{90}x^66 + g^{50}x^65 + g^{56}x^48 + g^{71}x^40 + g^{72}x^36 + g^{119}x^34 + g^{88}x^33 + g^{69}x^24 + g^{57}x^20 + g^{66}x^18 + g^{70}x^{17} + g^{81}x^{12} + g^9x^{10} + g^{58}x^9 + g^{54}x^6 + g^{13}x^5 + g^{64}x^3$

There are 232 candidate simplex codes

$g^{47}x^96 + g^7x^80 + g^{100}x^72 + g^{47}x^66 + g^{30}x^65 + g^{85}x^48 + g^{106}x^40 + g^{91}x^36 + g^{86}x^34 + g^{67}x^33 + g^{73}x^24 + g^{102}x^20 + g^{14}x^{18} + g^{99}x^{17} + g^{82}x^{12} + g^{64}x^{10} + g^{28}x^9 + g^{69}x^6 + g^{60}x^5 + g^{16}x^3$

There are 200 candidate simplex codes

$g^{91}x^96 + g^{124}x^80 + g^{42}x^72 + g^{61}x^68 + g^{89}x^66 + g^{91}x^65 + g^{96}x^48 + g^{67}x^40 + g^{125}x^36 + g^{67}x^34 + g^{75}x^33 + g^{22}x^24 + g^{52}x^20 + g^{20}x^{18} + g^{61}x^{17} + g^{49}x^{12} + g^{29}x^{10} + g^{54}x^9 + g^{75}x^6 + g^{89}x^5 + g^{77}x^3$

There are 224 candidate simplex codes

$g^{47}x^96 + g^{77}x^80 + g^{58}x^72 + g^{97}x^68 + g^{18}x^66 + g^{14}x^65 + g^{73}x^48 + g^{120}x^40 + g^{47}x^36 + g^{76}x^34 + g^{42}x^33 + g^{90}x^24 + g^{41}x^20 + g^{32}x^{18} + g^{46}x^{17} + g^{54}x^{12} + g^{48}x^{10} + g^{54}x^9 + g^{72}x^6 + g^{15}x^5 + g^{42}x^3$

There are 232 candidate simplex codes

$g^{40}x^96 + g^{102}x^80 + g^{116}x^72 + g^8x^68 + g^{45}x^66 + x^65 + g^{42}x^48 + x^40 + g^{115}x^36 + g^{91}x^34 + g^{108}x^33 + g^{57}x^24 + g^{29}x^20 + g^{100}x^{18} + g^{56}x^{17} + g^2x^{12} + g^{84}x^{10} + g^{107}x^9 + g^{32}x^6 + g^{110}x^5 + g^{45}x^3$

There are 228 candidate simplex codes

$g^{55}x^96 + g^{82}x^80 + g^{56}x^72 + g^{27}x^68 + g^{71}x^66 + g^{93}x^65 + g^{83}x^48 + g^{115}x^40 + g^5x^36 + g^{98}x^34 + g^{13}x^33 + g^{81}x^24 + g^{74}x^20 + g^9x^{18} + x^{17} + g^{14}x^{12} + g^{109}x^{10} + g^{122}x^9 + g^6x^5 + g^{94}x^3$

There are 264 candidate simplex codes

$g^{51}x^96 + g^{96}x^80 + g^{107}x^72 + g^{33}x^68 + g^{57}x^66 + g^{42}x^65 + g^{115}x^48 + g^{13}x^40 + g^{49}x^36 + g^{116}x^34 + g^{126}x^33 + g^{19}x^24 + g^{80}x^20 + g^{99}x^{18} + g^{35}x^{17} + g^{57}x^{12} + g^{39}x^{10} + g^{80}x^9 + g^{21}x^6 + g^{61}x^5 + g^{52}x^3$

There are 240 candidate simplex codes

$g^{22}x^96 + g^{56}x^80 + g^{49}x^72 + g^{32}x^68 + g^{38}x^66 + g^{19}x^65 + g^{16}x^48 + g^{99}x^40 + g^{33}x^36 + g^{93}x^34 + g^{55}x^33 + g^5x^24 + g^{83}x^20 + g^{56}x^{18} + g^{69}x^{17} + g^x^{12} + g^{16}x^{10} + g^{112}x^9 + g^{99}x^6 + g^{99}x^5 + g^7x^3$

There are 208 candidate simplex codes

$g^{111}x^96 + g^{21}x^80 + g^{113}x^72 + g^{32}x^68 + g^{79}x^66 + g^{17}x^65 + g^{113}x^48 + g^{94}x^40 + g^{55}x^36 + g^{62}x^34 + g^{102}x^33 + g^{120}x^24 + g^{36}x^20 + g^{111}x^{18} + g^{11}x^{17} + g^{23}x^{12} + g^{64}x^{10} + g^{40}x^9 + g^{73}x^6 + g^{118}x^5 + g^{97}x^3$

There are 228 candidate simplex codes

$g^{90}x^96 + g^{48}x^80 + g^{104}x^72 + g^{45}x^68 + g^{119}x^66 + g^{109}x^65 + g^{86}x^48 + g^{55}x^40 + g^{45}x^36 + g^{105}x^34 + g^{14}x^33 + g^{96}x^24 + g^{57}x^20 + g^{75}x^{18} + g^{35}x^{17} + g^{14}x^{12} + g^{100}x^{10} + g^{126}x^9 + g^{98}x^6 + g^{65}x^5 + g^{88}x^3$

There are 208 candidate simplex codes

$g^{109}x^96 + g^{126}x^80 + g^{60}x^72 + g^{11}x^68 + g^{80}x^66 + g^{93}x^65 + g^{115}x^48 + g^{96}x^40 + g^{107}x^36 + g^{19}x^34 + g^{24}x^33 + g^3x^24 + g^{34}x^20 + g^{88}x^{18} + g^{125}x^{17} + g^{31}x^{12} + g^{103}x^{10} + g^{15}x^9 + g^{18}x^6 + g^{100}x^5 + g^{107}x^3$

There are 204 candidate simplex codes

$g^{106}x^96 + g^{77}x^80 + g^{24}x^72 + g^{72}x^68 + g^{31}x^66 + g^{12}x^65 + g^{81}x^48 + g^{110}x^40 + g^{43}x^36 + g^{16}x^34 + g^{44}x^33 + g^{40}x^24 + g^{75}x^20 + g^{102}x^{18} + g^{87}x^{17} + g^{79}x^{12} + g^{55}x^{10} + g^{22}x^9 + g^{71}x^6 + g^{75}x^5 + g^4x^3$

g^47*x^96 + g^43*x^80 + g^22*x^72 + g^50*x^68 + g^3*x^66 + g^120*x^65 + g^98*x^48 + g^42*x^40 + g^55*x^36 + g^103*x^34 + g^20*x^33 + g^38*x^24 + g^85*x^20 + g^119*x^18 + g^4*x^17 + g^68*x^12 + g^95*x^10 + g^32*x^9 + g^45*x^6 + g^21*x^5 + g^117*x^3
There are 208 candidate simplex codes
g^94*x^96 + g^98*x^80 + g^108*x^72 + g^3*x^68 + g^87*x^66 + g^80*x^65 + g^120*x^48 + g^23*x^40 + g^95*x^36 + g^66*x^34 + g^50*x^33 + g^86*x^24 + g^107*x^20 + g^83*x^18 + g^63*x^17 + g^20*x^12 + g^33*x^10 + g^14*x^9 + g^18*x^6 + g^54*x^5 + g^69*x^3
There are 208 candidate simplex codes
g^6*x^96 + g^119*x^80 + g^2*x^72 + g^26*x^68 + g^120*x^66 + g^85*x^65 + g^8*x^48 + g^29*x^40 + g^124*x^36 + g^22*x^34 + g^51*x^33 + g^28*x^24 + g^14*x^20 + g^91*x^18 + g^102*x^17 + g^77*x^12 + g^60*x^10 + g^15*x^9 + g^32*x^6 + g^17*x^5 + g^60*x^3
There are 224 candidate simplex codes
g^35*x^96 + g^15*x^80 + g^91*x^72 + g^42*x^68 + g^109*x^66 + g^16*x^64 + g^104*x^48 + g^119*x^40 + g^118*x^36 + g^28*x^34 + g^20*x^33 + g^117*x^24 + g^125*x^20 + g^79*x^18 + g^63*x^17 + g^114*x^12 + g^45*x^10 + g^102*x^9 + g^28*x^6 + g^36*x^5 + g^108*x^3
There are 244 candidate simplex codes
g^100*x^96 + g^125*x^80 + g^44*x^72 + g^73*x^68 + g^102*x^66 + g^90*x^65 + g^70*x^48 + g^66*x^40 + g^112*x^36 + g^118*x^34 + g^34*x^33 + g^2*x^24 + g^69*x^20 + g^116*x^18 + g^7*x^17 + g^118*x^12 + g^93*x^10 + g^33*x^9 + g^25*x^6 + g^35*x^5 + g^20*x^3
There are 220 candidate simplex codes
g^115*x^96 + g^93*x^80 + g^79*x^72 + x^68 + g^84*x^66 + g^30*x^65 + g^96*x^48 + g^56*x^40 + g^41*x^36 + g^102*x^34 + g^41*x^33 + g^10*x^24 + g^78*x^20 + g^63*x^18 + g^72*x^17 + g^38*x^12 + g^104*x^10 + g^57*x^9 + g^65*x^6 + g^83*x^5 + g^83*x^3
There are 212 candidate simplex codes
g^109*x^96 + g^48*x^80 + g^43*x^72 + g^123*x^68 + g^67*x^66 + g^10*x^65 + g^107*x^48 + g^43*x^40 + g^34*x^36 + g^109*x^34 + g^54*x^33 + g^53*x^24 + g^62*x^20 + g^36*x^18 + g^114*x^17 + g^29*x^12 + g^32*x^10 + g^125*x^9 + g^13*x^6 + g^62*x^5 + g^27*x^3
There are 212 candidate simplex codes
g^76*x^96 + g^114*x^80 + g^89*x^72 + g^25*x^68 + g^35*x^66 + g^28*x^65 + g^72*x^48 + g^86*x^40 + g^91*x^36 + g^33*x^34 + g^48*x^33 + g^99*x^24 + g^96*x^20 + g^83*x^18 + g^30*x^17 + g^26*x^12 + g^44*x^10 + g^110*x^9 + g^82*x^6 + g^44*x^5 + g^101*x^3
There are 220 candidate simplex codes
g^30*x^96 + g^24*x^80 + g^63*x^72 + g^89*x^68 + g^27*x^66 + g^88*x^65 + g^44*x^48 + g^63*x^40 + g^91*x^36 + g^29*x^34 + g^11*x^33 + g^126*x^24 + g^52*x^20 + g^109*x^18 + g^122*x^17 + g^11*x^12 + g^68*x^10 + g^65*x^9 + g^20*x^6 + g^92*x^5 + g^116*x^3
There are 208 candidate simplex codes
g^90*x^96 + g^117*x^80 + g^12*x^72 + g^63*x^68 + g^34*x^66 + g^65*x^65 + g^27*x^48 + g^26*x^40 + g^86*x^36 + g^33*x^34 + g^61*x^33 + g^92*x^24 + g^63*x^20 + g^21*x^18 + g^94*x^17 + g^28*x^12 + g^67*x^10 + g^19*x^9 + g^9*x^6 + g^116*x^5 + g^115*x^3
There are 204 candidate simplex codes
g^106*x^96 + g^79*x^80 + g^77*x^72 + g^65*x^68 + g^108*x^66 + g^52*x^65 + g^108*x^48 + g^114*x^40 + g^55*x^36 + g^58*x^34 + g^95*x^33 + g^33*x^20 + g^69*x^18 + g^42*x^17 + g^72*x^12 + g^57*x^10 + g^81*x^9 + g^113*x^6 + x^5 + g^32*x^3
There are 216 candidate simplex codes
g^116*x^96 + g^105*x^80 + g^16*x^72 + g^126*x^68 + g^39*x^66 + g^89*x^65 + g^114*x^48 + g^54*x^40 + g^91*x^36 + g^29*x^34 + x^33 + g^102*x^24 + g^68*x^20 + g^20*x^18 + g^32*x^17 + g^60*x^12 + g^124*x^10 + g^125*x^9 + g^84*x^6 + g^46*x^5 + g^89*x^3
There are 208 candidate simplex codes
g^49*x^96 + g^96*x^80 + g^59*x^72 + g^90*x^66 + g^10*x^65 + g^4*x^48 + g^83*x^40 + g^2*x^36 + g^61*x^34 + g^96*x^33 + g^30*x^24 + g^19*x^20 + g^35*x^18 + g^103*x^17 + g^26*x^12 + g^20*x^10 + g^x^9 + g^95*x^6 + g^121*x^5 + g^17*x^3
There are 228 candidate simplex codes
g^80*x^96 + g^58*x^80 + g^46*x^72 + g^6*x^68 + g^37*x^66 + g^75*x^65 + g^106*x^48 + g^31*x^40 + g^97*x^36 + g^102*x^34 + g^103*x^33 + g^25*x^24 + g^104*x^20 + g^31*x^18 + g^104*x^17 + g^39*x^12 + g^80*x^10 + g^116*x^9 + g^2*x^6 + g^67*x^5 + g^20*x^3
There are 260 candidate simplex codes
g^92*x^96 + g^57*x^80 + g^30*x^72 + g^24*x^68 + g^73*x^66 + g^91*x^65 + g^53*x^48 + g^100*x^40 + g^34*x^36 + g^50*x^34 + g^54*x^33 + g^33*x^24 + g^103*x^20 + g^72*x^18 + g^17*x^17 + g^65*x^12 + g^114*x^10 + g^x^9 + g^102*x^6 + g^7*x^5 + g^123*x^3
There are 256 candidate simplex codes
g^28*x^96 + g^92*x^80 + g^10*x^72 + g^43*x^68 + g^35*x^66 + g^29*x^65 + g^57*x^48 + g^46*x^40 + g^3*x^36 + g^45*x^34 + g^103*x^33 + g^47*x^24 + g^71*x^20 + g^39*x^18 + g^16*x^17 + g^35*x^12 + g^15*x^10 + g^39*x^9 + g^112*x^6 + g^3*x^5 + g^40*x^3
There are 276 candidate simplex codes
g^110*x^96 + g^90*x^80 + g^54*x^72 + g^36*x^68 + g^20*x^66 + g^82*x^65 + g^126*x^48 + g^125*x^40 + g^47*x^36 + g^93*x^34 + g^22*x^33 + g^98*x^24 + g^17*x^20 + g^96*x^18 + g^104*x^17 + g^36*x^12 + g^15*x^10 + g^69*x^9 + g^87*x^6 + g^25*x^5 + g^80*x^3
There are 204 candidate simplex codes
g^87*x^96 + g^123*x^80 + g^80*x^72 + g^81*x^68 + g^92*x^66 + g^120*x^65 + g^31*x^48 + g^53*x^40 + g^7*x^36 + g^104*x^34 + g^82*x^33 + g^102*x^24 + g^108*x^20 + g^108*x^18 + g^124*x^17 + g^56*x^12 + g^41*x^10 + g^81*x^9 + g^106*x^6 + g^97*x^5 + g^44*x^3
There are 220 candidate simplex codes
g^82*x^96 + g^108*x^80 + g^95*x^72 + g^102*x^68 + g^109*x^66 + g^14*x^65 + g^73*x^48 + g^44*x^40 + g^100*x^36 + g^5*x^34 + g^94*x^33 + g^119*x^24 + g^24*x^20 + g^19*x^18 + g^103*x^17 + g^22*x^12 + g^105*x^10 + g^101*x^9 + g^2*x^6 + g^121*x^5 + g^110*x^3
There are 200 candidate simplex codes
g^62*x^96 + g^57*x^80 + g^87*x^72 + g^71*x^68 + g^82*x^66 + g^29*x^65 + g^75*x^48 + g^43*x^40 + g^56*x^36 + g^47*x^34 + g^122*x^33 + g^20*x^24 + g^75*x^20 + g^107*x^18 + g^29*x^17 + g^78*x^12 + g^121*x^10 + g^55*x^9 + g^122*x^6 + g^47*x^5 + g^68*x^3
There are 220 candidate simplex codes
g^12*x^96 + g^28*x^80 + g^95*x^72 + g^84*x^68 + g^75*x^66 + g^87*x^65 + g^16*x^48 + g^69*x^40 + g^3*x^36 + g^50*x^34 + g^111*x^33 + g^72*x^24 + g^18*x^20 + g^102*x^18 + g^35*x^17 + g^125*x^12 + g^15*x^10 + g^40*x^9 + g^18*x^6 + g^61*x^5 + g^90*x^3
There are 232 candidate simplex codes
g^39*x^96 + g^108*x^80 + g^2*x^72 + g^79*x^68 + g^3*x^66 + g^82*x^65 + g^4*x^48 + g^103*x^40 + g^29*x^36 + g^84*x^34 + g^2*x^33 + g^17*x^24 + g^45*x^20 + g^69*x^18 + g^115*x^17 + g^75*x^12 + g^119*x^10 + g^6*x^9 + g^26*x^6 + g^94*x^5 + g^18*x^3
There are 232 candidate simplex codes
g^34*x^96 + g^60*x^80 + g^14*x^72 + g^79*x^68 + g^11*x^66 + g^53*x^65 + g^53*x^48 + g^111*x^40 + g^117*x^36 + g^109*x^34 + g^18*x^33 + g^83*x^24 + g^41*x^20 + g^94*x^18 + g^123*x^17 + g^53*x^12 + g^22*x^10 + g^63*x^9 + g^61*x^6 + g^13*x^5 + g^112*x^3
There are 240 candidate simplex codes
g^121*x^96 + g^21*x^80 + g^102*x^72 + g^74*x^68 + g^13*x^66 + g^114*x^65 + g^82*x^48 + g^54*x^40 + g^123*x^36 + g^30*x^34 + g^7*x^33 + g^36*x^24 + g^50*x^20 + g^15*x^18 + g^92*x^17 + g^46*x^12 + g^45*x^10 + g^63*x^9 + g^13*x^6 + g^61*x^5 + g^72*x^3
There are 220 candidate simplex codes
g^111*x^96 + g^86*x^80 + g^63*x^72 + g^115*x^68 + g^47*x^66 + g^123*x^65 + g^123*x^48 + g^8*x^40 + g^33*x^36 + g^73*x^34 + g^4*x^33 + g^111*x^24 + g^84*x^20 + g^56*x^18 + g^70*x^17 + g^115*x^12 + g^107*x^10 + g^110*x^9 + g^88*x^6 + g^76*x^5 + g^73*x^3
There are 224 candidate simplex codes
g^20*x^96 + g^117*x^80 + g^111*x^68 + g^120*x^66 + g^74*x^65 + g^8*x^48 + g^49*x^40 + g^35*x^36 + g^24*x^34 + g^13*x^33 + g^22*x^24 + g^11*x^20 + g^70*x^18 + g^60*x^17 + g^21*x^12 + g^99*x^10 + g^118*x^9 + g^96*x^6 + g^51*x^5 + g^31*x^3
There are 268 candidate simplex codes
g^122*x^96 + g^69*x^80 + g^95*x^72 + g^45*x^68 + g^10*x^66 + g^13*x^65 + g^86*x^48 + g^23*x^40 + g^21*x^36 + g^103*x^34 + g^40*x^33 + g^2*x^24 + g^24*x^20 + g^20*x^18 + g^30*x^17 + g^115*x^12 + g^36*x^10 + g^124*x^9 + g^56*x^6 + g^19*x^5 + g^17*x^3
There are 216 candidate simplex codes
g^101*x^96 + g^x^80 + g^74*x^72 + g^57*x^68 + g^76*x^66 + g^95*x^65 + g^4*x^48 + g^113*x^40 + g^69*x^36 + g^13*x^34 + g^71*x^33 + g^46*x^24 + g^81*x^20 + g^7*x^18 + g^86*x^17 + g^58*x^12 + g^82*x^10 + g^60*x^9 + g^87*x^6 + g^51*x^5 + g^97*x^3
There are 212 candidate simplex codes
g^7*x^96 + g^48*x^80 + g^89*x^72 + g^123*x^68 + g^119*x^66 + g^71*x^65 + g^22*x^48 + g^38*x^40 + g^58*x^36 + g^117*x^34 + g^2*x^33 + g^52*x^24 + g^5*x^20 + g^45*x^18 + g^83*x^17 + g^94*x^12 + g^72*x^10 + g^25*x^6 + g^26*x^5 + g^13*x^3
There are 208 candidate simplex codes
g^10*x^96 + x^80 + g^64*x^72 + g^17*x^68 + g^87*x^66 + g^38*x^65 + g^43*x^48 + g^82*x^40 + g^8*x^36 + g^77*x^34 + g^2*x^33 + g^30*x^24 + g^26*x^20 + g^65*x^18 + g^115*x^17 + g^113*x^12 + g^115*x^10 + g^108*x^9 + g^30*x^6 + g^68*x^5 + g^46*x^3
There are 224 candidate simplex codes
g^106*x^96 + g^52*x^80 + g^82*x^72 + g^59*x^68 + g^72*x^66 + g^124*x^65 + g^4*x^48 + g^7*x^40 + g^8*x^36 + g^68*x^34 + g^110*x^33 + g^13*x^24 + g^38*x^20 + g^11*x^18 + g^100*x^17 + g^73*x^12 + g^8*x^10 + g^56*x^9 + g^39*x^5 + g^61*x^3
There are 216 candidate simplex codes
g^23*x^96 + g^99*x^80 + g^11*x^72 + g^7*x^68 + g^35*x^66 + g^69*x^65 + g^56*x^48 + g^123*x^40 + g^19*x^36 + g^4*x^34 + g^91*x^33 + g^10*x^24 + g^34*x^20 + g^67*x^18 + g^100*x^17 + g^62*x^12 + g^49*x^10 + g^47*x^9 + g^66*x^6 + g^30*x^5 + g^106*x^3
There are 220 candidate simplex codes
g^x^96 + g^37*x^80 + g^81*x^72 + g^55*x^68 + g^106*x^66 + g^14*x^65 + g^48*x^48 + g^124*x^40 + g^85*x^36 + g^84*x^34 + g^46*x^33 + g^60*x^24 + g^75*x^20 + g^95*x^18 + g^122*x^17 + g^74*x^12 + g^86*x^10 + g^106*x^9 + g^84*x^6 + g^20*x^5 + g^110*x^3
There are 216 candidate simplex codes
g^82*x^96 + g^95*x^80 + g^22*x^72 + g^105*x^68 + g^80*x^66 + g^74*x^65 + g^92*x^48 + g^19*x^40 + g^9*x^36 + g^76*x^34 + g^53*x^33 + g^125*x^24 + g^88*x^20 + g^32*x^18 + g^20*x^17 + g^45*x^12 + g^117*x^10 + g^41*x^9 + g^13*x^6 + g^25*x^5 + g^39*x^3
There are 204 candidate simplex codes

g'9*x^96 + g'120*x^80 + g'59*x^72 + g'96*x^68 + g*x^66 + g'76*x^65 + g'49*x^48 + g'115*x^40 + g'126*x^36 + g'92*x^34 + g'119*x^33 + g'81*x^24 + g'83*x^20 + g'95*x^18 + g'57*x^17 + g'81*x^12 + g'17*x^10 + g'75*x^9 + g'50*x^6 + g'23*x^5 + g'124*x^3

There are 228 candidate simplex codes

g'46*x^96 + g'114*x^80 + g'106*x^72 + g'107*x^68 + g'4*x^66 + g'40*x^65 + g'99*x^48 + g'62*x^40 + g'107*x^36 + g'111*x^34 + g'22*x^33 + g'123*x^24 + g'116*x^20 + g'122*x^18 + g'31*x^17 + g'30*x^12 + g'55*x^10 + g'52*x^9 + g'97*x^6 + g'118*x^5 + g'2*x^3

There are 224 candidate simplex codes

g'67*x^96 + g'85*x^80 + g'10*x^72 + g'27*x^68 + g'103*x^66 + g'96*x^65 + g'17*x^48 + g'116*x^36 + g'10*x^34 + g'87*x^33 + g'36*x^24 + g'83*x^20 + g'59*x^18 + g'5*x^17 + g'40*x^12 + g'44*x^10 + g'67*x^9 + g'29*x^6 + g'83*x^5 + g'91*x^3

There are 232 candidate simplex codes

g'54*x^96 + g'43*x^80 + g'26*x^72 + g'102*x^68 + g'53*x^66 + g'120*x^65 + g'13*x^48 + g'80*x^40 + g'86*x^36 + g'2*x^34 + g'77*x^33 + g'2*x^24 + g'104*x^20 + g'37*x^18 + g'21*x^17 + g'37*x^12 + g'119*x^10 + g'123*x^9 + g'109*x^6 + g'109*x^6 + g'76*x^5 + g'91*x^3

There are 220 candidate simplex codes

g'12*x^96 + g'23*x^80 + g'109*x^72 + g'87*x^68 + g'2*x^66 + g'44*x^65 + g'31*x^48 + g'31*x^40 + g'118*x^36 + g'122*x^34 + g'117*x^33 + g'46*x^24 + g'75*x^20 + g'123*x^18 + g'121*x^17 + g'35*x^12 + g'114*x^10 + g'31*x^9 + g'114*x^6 + g'119*x^5 + g'23*x^3

There are 216 candidate simplex codes

g'56*x^96 + g'94*x^80 + g'14*x^72 + g'90*x^68 + g'50*x^66 + g'32*x^65 + g'117*x^48 + g'125*x^40 + g'81*x^36 + g'64*x^34 + g'29*x^33 + g'100*x^24 + g'57*x^20 + g'77*x^18 + g'107*x^17 + g'45*x^12 + g'119*x^10 + g'69*x^9 + g'86*x^6 + g'113*x^5 + g'118*x^3

There are 220 candidate simplex codes

g'75*x^96 + g'26*x^80 + g'43*x^72 + g'91*x^68 + g'118*x^66 + g'81*x^65 + g'42*x^48 + g'17*x^40 + g'42*x^36 + g'64*x^34 + g'117*x^33 + g'4*x^24 + g'126*x^20 + g'13*x^18 + g'74*x^17 + g'55*x^12 + g'23*x^10 + g'34*x^9 + g*x^6 + g'17*x^5 + g'108*x^3

There are 228 candidate simplex codes

g'40*x^96 + g'87*x^80 + g'6*x^72 + g'90*x^68 + g'37*x^66 + g'23*x^65 + g'49*x^48 + g'112*x^40 + g'34*x^36 + g'92*x^33 + g'60*x^24 + g'7*x^20 + g'94*x^18 + g'26*x^17 + g'96*x^12 + g'59*x^10 + g'88*x^9 + g'65*x^6 + x^5 + g'110*x^3

There are 232 candidate simplex codes

g'98*x^96 + g'46*x^80 + g'50*x^72 + g'32*x^68 + g'21*x^66 + g'126*x^65 + g'63*x^48 + g'42*x^40 + g'120*x^36 + g'16*x^34 + g'51*x^33 + g'102*x^24 + g'111*x^20 + g'124*x^18 + g'99*x^17 + g'74*x^12 + g'37*x^10 + g'45*x^9 + g'49*x^6 + g'49*x^5 + g*x^3

There are 232 candidate simplex codes

g'16*x^96 + g'42*x^80 + g'38*x^72 + g'102*x^68 + g'89*x^66 + g'97*x^65 + g'111*x^48 + g'99*x^40 + g'120*x^36 + g'124*x^34 + g'74*x^33 + g'85*x^24 + g'71*x^20 + g'7*x^18 + g'55*x^17 + g'35*x^12 + g'75*x^10 + g'93*x^9 + g'48*x^6 + g'118*x^5 + g'12*x^3

There are 192 candidate simplex codes

g'42*x^96 + g'117*x^80 + g'116*x^72 + g'88*x^68 + g'87*x^66 + g'78*x^65 + g'90*x^48 + g'96*x^40 + g'71*x^36 + g'5*x^34 + g'67*x^33 + g'105*x^24 + g'63*x^20 + g'98*x^18 + g'88*x^17 + g'5*x^12 + g'82*x^10 + g'43*x^9 + g'51*x^6 + g'60*x^5 + g'108*x^3

There are 216 candidate simplex codes

g'110*x^96 + g*x^80 + g'48*x^72 + g'79*x^68 + g'23*x^66 + g'92*x^65 + g'11*x^48 + g'5*x^40 + g'28*x^36 + g'31*x^34 + g'66*x^33 + g'104*x^24 + g'86*x^20 + g'21*x^18 + g'117*x^17 + g'90*x^12 + g'91*x^10 + g'54*x^9 + g'105*x^6 + g'126*x^5 + g'67*x^3

There are 248 candidate simplex codes

g'89*x^96 + g'121*x^80 + g'45*x^72 + g'101*x^68 + g'5*x^66 + g'28*x^65 + g'102*x^48 + g'2*x^40 + g'92*x^36 + g'86*x^34 + g'98*x^33 + g'32*x^24 + g'7*x^20 + g'101*x^18 + g'106*x^17 + g'51*x^12 + g'91*x^10 + g'10*x^9 + g'88*x^6 + g'27*x^5 + g'111*x^3

There are 232 candidate simplex codes

g'97*x^96 + x^80 + g'88*x^72 + g'108*x^68 + g'126*x^66 + g'116*x^65 + g'116*x^48 + g'45*x^40 + g'80*x^36 + g'103*x^34 + g'29*x^33 + g'32*x^24 + g'53*x^20 + g'45*x^18 + g'102*x^17 + g'59*x^12 + g'62*x^10 + g'23*x^9 + g'99*x^6 + g'65*x^5 + g'10*x^3

There are 232 candidate simplex codes

g'61*x^96 + g'102*x^80 + g'55*x^72 + g'53*x^68 + g'122*x^66 + g'55*x^65 + g'69*x^48 + g'39*x^40 + g'7*x^36 + g'10*x^34 + g'23*x^33 + g'67*x^24 + g'13*x^20 + g'42*x^18 + g'33*x^17 + g'47*x^12 + g'70*x^10 + g'94*x^9 + g'18*x^6 + g'29*x^5 + g'69*x^3

There are 200 candidate simplex codes

g'123*x^96 + g'57*x^80 + g'105*x^72 + g'61*x^68 + g'3*x^66 + g'44*x^65 + g'103*x^48 + g'6*x^40 + g'19*x^36 + g'22*x^34 + g'100*x^33 + g'62*x^24 + g'30*x^20 + g'107*x^18 + g'88*x^17 + g'125*x^12 + g'43*x^10 + g'88*x^9 + g'99*x^5 + g'22*x^3

There are 192 candidate simplex codes

g'3*x^96 + g'29*x^80 + g'10*x^72 + g'39*x^68 + g'58*x^66 + g'120*x^65 + g'97*x^48 + g'113*x^40 + g'29*x^36 + g'62*x^34 + g'9*x^33 + x^24 + g'2*x^20 + g'45*x^18 + g'31*x^17 + g'121*x^12 + g'28*x^10 + g'40*x^9 + g'32*x^6 + g'80*x^5 + g'120*x^3

There are 228 candidate simplex codes

g'25*x^96 + g'121*x^80 + g'124*x^72 + g'42*x^68 + g'24*x^66 + g'17*x^65 + g'105*x^48 + g'19*x^40 + g'104*x^36 + g'65*x^34 + g'86*x^33 + g'36*x^24 + g'96*x^20 + g'56*x^18 + g'119*x^17 + g'45*x^12 + g'69*x^10 + g'104*x^9 + g'98*x^6 + g'112*x^5 + g'113*x^3

There are 236 candidate simplex codes

g'20*x^96 + g'79*x^80 + g'121*x^72 + g'33*x^68 + g'101*x^66 + g'20*x^65 + g'103*x^48 + g'17*x^40 + g'33*x^36 + g'32*x^34 + g'77*x^33 + g'69*x^24 + g'105*x^20 + g'87*x^18 + g'44*x^17 + g'4*x^12 + g'120*x^10 + g'48*x^9 + g'78*x^6 + g'48*x^5 + g'88*x^3

There are 216 candidate simplex codes

g'47*x^96 + g'21*x^80 + g'103*x^72 + g'58*x^68 + g'48*x^66 + g'72*x^65 + g'85*x^48 + g'113*x^40 + g'70*x^36 + g'92*x^33 + g'87*x^33 + g'58*x^24 + g'19*x^20 + g'45*x^18 + g'63*x^17 + g'7*x^12 + g'123*x^10 + g'43*x^9 + g'104*x^6 + g'117*x^5 + g'17*x^3

There are 188 candidate simplex codes

x^96 + g'18*x^80 + g'29*x^72 + g'91*x^68 + g'62*x^66 + g'73*x^65 + g'12*x^48 + g'44*x^40 + g'9*x^36 + g'12*x^34 + g'115*x^33 + g'100*x^24 + g'52*x^20 + g'61*x^18 + g'21*x^17 + g'95*x^12 + g'84*x^10 + g'80*x^9 + g'91*x^6 + g'50*x^5 + g'114*x^3

There are 192 candidate simplex codes

g'76*x^96 + g'30*x^80 + g'88*x^72 + g'122*x^68 + g'98*x^66 + g'83*x^65 + g'83*x^48 + g'122*x^40 + g'13*x^36 + g'46*x^34 + g'11*x^33 + g'104*x^24 + g*x^20 + g'40*x^18 + g'6*x^17 + g'123*x^12 + g'78*x^10 + g'101*x^9 + g'33*x^6 + g'52*x^5 + g'32*x^3

There are 232 candidate simplex codes

g'65*x^96 + g'74*x^80 + g'119*x^72 + g'26*x^68 + g'90*x^66 + g'59*x^65 + g'72*x^48 + g'25*x^40 + g'120*x^34 + g'76*x^33 + g'39*x^24 + g'3*x^20 + g'104*x^18 + g'87*x^17 + g'102*x^12 + g'34*x^10 + g'92*x^9 + g'2*x^6 + g'79*x^5 + g'12*x^3

There are 240 candidate simplex codes

g'20*x^96 + g'87*x^80 + g'2*x^72 + g'16*x^68 + g'100*x^66 + g'30*x^65 + g'43*x^48 + g'46*x^40 + g'17*x^36 + g'65*x^34 + g'19*x^33 + g'14*x^24 + g'50*x^20 + g'84*x^18 + g'98*x^17 + g'88*x^12 + g'53*x^10 + g'75*x^9 + g'87*x^6 + g'85*x^5 + g'80*x^3

There are 224 candidate simplex codes

g'47*x^96 + g'107*x^80 + g'21*x^72 + g'97*x^68 + g'105*x^66 + g'74*x^65 + g'45*x^48 + g'112*x^40 + g'65*x^36 + g'42*x^34 + g'119*x^33 + g'36*x^24 + g'4*x^20 + g'21*x^18 + g'33*x^17 + g'98*x^12 + g'115*x^10 + g'83*x^9 + g'41*x^6 + g'60*x^5 + g'48*x^3

There are 232 candidate simplex codes

g'15*x^96 + g'100*x^80 + g'76*x^72 + g'41*x^68 + g'2*x^66 + g'92*x^65 + g'67*x^48 + g'13*x^40 + g'32*x^36 + g'99*x^34 + g'60*x^33 + g'116*x^24 + g'23*x^20 + g'33*x^18 + g'36*x^17 + g'120*x^12 + g'32*x^10 + g'69*x^9 + g'68*x^6 + g'82*x^5 + g'2*x^3

There are 208 candidate simplex codes

g'13*x^96 + g'67*x^80 + g'54*x^72 + g'79*x^68 + g'75*x^66 + g'86*x^65 + g'88*x^48 + g'19*x^40 + g'112*x^36 + g'80*x^34 + g'107*x^33 + g'121*x^20 + g'46*x^18 + x^17 + g'124*x^12 + g'105*x^10 + g'10*x^9 + g'78*x^6 + g'109*x^6 + g'123*x^3

There are 196 candidate simplex codes

g'26*x^96 + g'118*x^80 + g'38*x^72 + g'109*x^68 + g'80*x^66 + g'26*x^65 + g'41*x^48 + g'108*x^40 + g'78*x^36 + g'16*x^34 + g'43*x^33 + g'39*x^24 + g'125*x^20 + g'100*x^18 + g'78*x^17 + g'87*x^12 + g'60*x^10 + g'83*x^9 + g'60*x^6 + g'106*x^5 + g'111*x^3

There are 228 candidate simplex codes

g'81*x^96 + g'36*x^80 + g'20*x^72 + g'31*x^68 + g'45*x^66 + g'17*x^65 + g'20*x^48 + g'48*x^40 + g'85*x^36 + g'108*x^34 + g'23*x^33 + g'36*x^24 + g'122*x^20 + g'90*x^18 + g'104*x^17 + g'16*x^12 + g'116*x^10 + g'27*x^9 + g'40*x^6 + g'39*x^5 + g'92*x^3

There are 208 candidate simplex codes

g'24*x^96 + g'46*x^80 + g'109*x^72 + g'71*x^68 + g'63*x^66 + g'105*x^65 + g'43*x^48 + g'97*x^40 + g'110*x^36 + g'64*x^34 + g'30*x^33 + g'47*x^24 + g'99*x^20 + g'119*x^18 + g'86*x^17 + g'107*x^12 + g'18*x^10 + g'8*x^9 + g'106*x^6 + g'81*x^5 + g'92*x^3

There are 188 candidate simplex codes

g'120*x^96 + g'89*x^80 + g'95*x^72 + g'84*x^68 + g'57*x^66 + g'16*x^65 + g'88*x^48 + g'75*x^40 + g'81*x^36 + g'18*x^34 + g'32*x^33 + g'59*x^24 + g'120*x^20 + g'83*x^18 + g'45*x^17 + g'103*x^12 + g'7*x^10 + g'43*x^9 + g'119*x^6 + g'3*x^5 + g'49*x^3

There are 196 candidate simplex codes

g'109*x^96 + g'41*x^80 + g'88*x^72 + g'25*x^68 + g'116*x^66 + g'103*x^65 + g'36*x^48 + g'98*x^40 + g'5*x^36 + g'95*x^34 + g'90*x^33 + g'23*x^24 + g'123*x^20 + g'121*x^18 + g'116*x^17 + g'37*x^12 + g'107*x^10 + g'38*x^9 + g'4*x^6 + g'69*x^5 + g'39*x^3

There are 252 candidate simplex codes

g'81*x^96 + g'23*x^80 + g'54*x^72 + g'4*x^68 + g'79*x^66 + g'15*x^65 + g'28*x^48 + g'47*x^40 + g'64*x^36 + g'2*x^34 + g'38*x^33 + g'52*x^24 + g'79*x^20 + g'88*x^18 + g'43*x^17 + g'33*x^12 + g*x^10 + g'4*x^9 + g'28*x^6 + g'36*x^5 + g'60*x^3

There are 200 candidate simplex codes

g'94*x^96 + g'121*x^80 + g'92*x^72 + g'7*x^66 + g'44*x^65 + g'68*x^48 + g'26*x^40 + g'43*x^36 + g'24*x^34 + g'43*x^33 + g'25*x^24 + g'42*x^20 + g'17*x^18 + g'74*x^17 + g'101*x^12 + g'91*x^10 + g'109*x^9 + g'60*x^6 + g'119*x^5 + g'98*x^3

There are 280 candidate simplex codes

g'16*x^96 + g'116*x^80 + g'36*x^72 + g'27*x^68 + g'78*x^66 + g'6*x^65 + g'14*x^48 + g'71*x^40 + g'41*x^36 + g'56*x^34 + g'84*x^33 + g'82*x^24 + g'85*x^20 + g'76*x^18 + g'18*x^17 + g'53*x^12 + g'44*x^10 + g'8*x^9 + g'87*x^6 + g'3*x^5 + g'109*x^3

There are 268 candidate simplex codes

g'115*x^96 + g'75*x^80 + g'115*x^72 + g'110*x^68 + g'116*x^66 + g'54*x^65 + g'30*x^48 + g*x^40 + g'109*x^36 + g'63*x^34 + g'26*x^33 + g'70*x^24 + g'75*x^20 + g'19*x^18 + g'94*x^17 + g'46*x^12 + g'125*x^10 + g'101*x^9 + g'2*x^6 + g'88*x^5 + g'119*x^3

There are 208 candidate simplex codes

$g^{39}x^96 + g^{12}x^80 + g^{10}x^72 + g^6x^68 + g^{15}x^66 + g^{107}x^65 + g^{60}x^48 + g^{10}x^40 + g^{46}x^36 + g^{49}x^34 + g^{32}x^33 + g^{92}x^24 + g^{77}x^20 + g^{80}x^18 + g^{66}x^17 + g^{33}x^12 + g^{76}x^10 + g^x^9 + g^{79}x^6 + g^{39}x^5 + g^{120}x^3$
 There are 236 candidate simplex codes
 $g^{70}x^96 + g^{58}x^80 + g^{11}x^72 + g^x^68 + g^{48}x^66 + g^{90}x^65 + g^{123}x^48 + g^{59}x^40 + g^{96}x^36 + g^x^34 + g^{33}x^33 + g^{52}x^24 + g^{120}x^20 + g^{112}x^18 + g^{10}x^17 + g^{83}x^12 + g^{54}x^10 + g^{52}x^9 + g^{20}x^6 + g^{64}x^5 + g^{101}x^3$
 There are 220 candidate simplex codes
 $g^{123}x^96 + g^{18}x^80 + g^{63}x^72 + g^{25}x^68 + g^{4}x^66 + g^{83}x^65 + g^{66}x^48 + g^{5}x^40 + g^{21}x^36 + g^{28}x^34 + g^{7}x^33 + g^{47}x^24 + g^{74}x^20 + g^{28}x^18 + g^{123}x^17 + g^{17}x^12 + g^{107}x^10 + g^{26}x^9 + g^{101}x^6 + g^{94}x^5 + g^{68}x^3$
 There are 224 candidate simplex codes
 $g^{8}x^96 + g^x^80 + g^{10}x^72 + g^{62}x^68 + g^{81}x^66 + g^{73}x^65 + g^{54}x^48 + g^{21}x^40 + g^{115}x^36 + g^{12}x^34 + g^{101}x^33 + g^{95}x^24 + g^{42}x^20 + g^{100}x^18 + g^{8}x^17 + g^{62}x^12 + g^{73}x^10 + g^{25}x^9 + g^{91}x^6 + g^{47}x^5 + g^{62}x^3$
 There are 236 candidate simplex codes
 $g^{97}x^96 + g^{103}x^80 + g^{88}x^72 + g^{37}x^68 + g^{108}x^66 + g^{33}x^65 + g^{34}x^48 + g^{88}x^40 + g^6x^36 + g^{101}x^34 + g^{23}x^33 + g^9x^24 + g^{104}x^20 + g^{66}x^18 + g^{35}x^17 + g^{47}x^12 + g^{32}x^10 + g^{106}x^9 + g^{126}x^6 + g^{74}x^5 + g^x^3$
 There are 208 candidate simplex codes
 $g^{72}x^96 + g^{73}x^80 + g^{93}x^72 + g^{2}x^68 + g^{36}x^66 + g^{37}x^65 + g^{57}x^48 + g^{99}x^40 + g^{2}x^36 + g^{77}x^34 + g^{15}x^33 + g^{2}x^24 + g^{83}x^20 + g^{15}x^18 + g^{100}x^17 + g^{57}x^12 + g^{50}x^10 + g^{70}x^9 + g^{116}x^6 + g^{35}x^5 + g^{73}x^3$
 There are 280 candidate simplex codes
 $g^{18}x^96 + g^{23}x^80 + g^{57}x^72 + g^{77}x^68 + g^{71}x^66 + g^6x^65 + g^{62}x^48 + g^{91}x^40 + g^{5}x^36 + g^{14}x^34 + g^{100}x^33 + g^{26}x^24 + g^{47}x^20 + g^{30}x^18 + g^{20}x^17 + g^{81}x^12 + g^{88}x^10 + g^{95}x^9 + g^{78}x^6 + g^{99}x^5 + g^{90}x^3$
 There are 240 candidate simplex codes
 $g^{107}x^96 + g^{93}x^80 + g^{39}x^72 + g^{14}x^68 + g^{110}x^66 + g^{49}x^65 + g^{65}x^48 + g^{36}x^40 + g^9x^36 + g^{54}x^34 + g^{19}x^33 + g^{92}x^24 + g^{48}x^20 + g^{71}x^18 + g^{69}x^17 + g^{87}x^12 + g^{5}x^10 + g^{41}x^9 + g^{86}x^6 + g^{55}x^5 + g^{52}x^3$
 There are 256 candidate simplex codes
 $g^{45}x^96 + g^{112}x^80 + g^{111}x^72 + g^{124}x^68 + g^x^66 + g^{90}x^65 + g^{54}x^48 + g^{94}x^40 + g^{82}x^36 + g^{31}x^34 + g^{19}x^33 + g^{101}x^24 + g^{27}x^20 + g^x^18 + g^{41}x^17 + g^{43}x^12 + g^{77}x^10 + g^{34}x^9 + g^{108}x^6 + g^{126}x^5 + g^{119}x^3$
 There are 220 candidate simplex codes
 $g^{102}x^96 + g^{8}x^72 + g^{72}x^68 + g^{119}x^66 + g^{20}x^65 + g^{13}x^48 + g^{3}x^40 + g^{97}x^36 + g^{17}x^34 + g^{44}x^33 + g^{122}x^24 + g^{101}x^20 + g^6x^18 + g^{15}x^17 + g^{125}x^12 + g^{24}x^10 + g^{118}x^9 + g^{113}x^6 + g^{93}x^5 + g^{113}x^3$
 There are 196 candidate simplex codes
 $g^{86}x^96 + g^{42}x^80 + g^{99}x^72 + g^{26}x^68 + g^{35}x^66 + g^{80}x^65 + g^{16}x^48 + g^x^40 + g^{107}x^36 + g^{92}x^34 + g^{17}x^33 + g^{25}x^24 + g^{55}x^20 + g^{118}x^18 + g^{61}x^12 + g^{31}x^10 + g^{82}x^9 + g^{90}x^6 + g^{43}x^5 + g^{5}x^3$
 There are 200 candidate simplex codes
 $g^{102}x^96 + g^{11}x^80 + g^{38}x^72 + g^{84}x^68 + g^{73}x^66 + g^{88}x^65 + g^{60}x^48 + g^{94}x^40 + g^{43}x^36 + g^{13}x^34 + g^{18}x^33 + g^{18}x^24 + g^{52}x^20 + g^{118}x^18 + g^{19}x^17 + g^{109}x^12 + g^{13}x^10 + g^{6}x^9 + g^{49}x^6 + g^{126}x^5 + g^{86}x^3$
 There are 256 candidate simplex codes
 $g^{47}x^96 + g^{30}x^80 + g^{17}x^72 + g^{98}x^68 + g^{26}x^66 + g^{86}x^65 + g^{37}x^48 + g^{73}x^40 + g^{88}x^36 + g^{47}x^34 + g^{51}x^33 + g^{5}x^24 + g^{67}x^20 + g^{84}x^18 + g^{35}x^17 + g^{22}x^12 + g^{102}x^10 + g^{7}x^9 + g^{12}x^6 + g^{113}x^5 + g^{123}x^3$
 There are 220 candidate simplex codes
 $g^{46}x^96 + g^{111}x^80 + g^x^72 + g^{55}x^68 + g^{117}x^66 + g^{5}x^65 + g^{53}x^48 + g^{59}x^40 + g^{114}x^36 + g^{20}x^34 + g^{76}x^33 + g^{44}x^24 + g^{70}x^20 + g^{13}x^18 + g^{18}x^17 + g^{86}x^12 + g^{13}x^10 + g^{44}x^9 + g^{107}x^6 + g^{33}x^5 + g^{57}x^3$
 There are 216 candidate simplex codes
 $g^{66}x^96 + g^{113}x^80 + g^{87}x^72 + g^{101}x^68 + g^{80}x^66 + g^{38}x^65 + g^6x^48 + g^{93}x^40 + g^{121}x^36 + g^{48}x^34 + g^{90}x^33 + g^{54}x^24 + g^{87}x^20 + g^{79}x^18 + g^{38}x^17 + g^{34}x^12 + g^{75}x^10 + g^{89}x^9 + g^{97}x^6 + g^{31}x^5 + g^{105}x^3$
 There are 224 candidate simplex codes
 $g^{3}x^96 + g^{80}x^80 + g^{111}x^72 + g^{12}x^68 + g^{68}x^66 + g^{23}x^65 + g^{53}x^48 + g^x^40 + g^{19}x^36 + g^{3}x^34 + g^{38}x^33 + g^{88}x^24 + g^{44}x^20 + g^{68}x^18 + g^{48}x^17 + g^{112}x^12 + g^{39}x^10 + g^{20}x^9 + g^{62}x^6 + g^{21}x^5 + g^{125}x^3$
 There are 196 candidate simplex codes
 $g^{114}x^96 + g^{116}x^80 + g^{65}x^72 + g^{39}x^68 + g^{58}x^66 + g^{69}x^65 + g^{73}x^48 + g^{75}x^40 + g^{49}x^36 + g^{39}x^34 + g^{36}x^33 + g^{69}x^24 + g^{37}x^20 + g^{118}x^18 + g^{102}x^12 + g^{45}x^10 + g^{41}x^9 + g^{58}x^6 + g^{60}x^5 + g^{75}x^3$
 There are 224 candidate simplex codes
 $g^{26}x^96 + g^{82}x^80 + g^{58}x^72 + g^{126}x^68 + g^{115}x^66 + g^{7}x^65 + g^{64}x^48 + g^{58}x^40 + g^{16}x^36 + g^{38}x^34 + g^{25}x^33 + g^{34}x^24 + g^{120}x^20 + g^{7}x^18 + g^{3}x^17 + g^{113}x^12 + g^{45}x^10 + g^{62}x^9 + g^{57}x^6 + g^{37}x^5 + g^{83}x^3$
 There are 208 candidate simplex codes
 $g^{90}x^96 + g^{14}x^80 + g^{13}x^72 + g^{92}x^68 + g^{19}x^66 + g^{97}x^65 + g^{43}x^48 + g^{41}x^40 + g^{52}x^36 + g^{19}x^34 + g^{54}x^33 + g^{38}x^24 + g^{14}x^20 + g^{76}x^18 + g^{30}x^12 + g^{26}x^10 + g^{7}x^9 + g^{121}x^6 + g^{75}x^5 + g^{32}x^3$
 There are 220 candidate simplex codes
 $g^{23}x^96 + g^{4}x^80 + g^{77}x^72 + g^{64}x^68 + g^{115}x^66 + g^{121}x^65 + g^{100}x^48 + g^{105}x^40 + g^{70}x^36 + g^{37}x^34 + g^{53}x^24 + g^{117}x^20 + g^{35}x^18 + g^{113}x^17 + g^{58}x^12 + g^{49}x^10 + g^{117}x^9 + g^{66}x^6 + g^{120}x^5 + g^{105}x^3$
 There are 216 candidate simplex codes
 $g^{5}x^96 + g^{115}x^80 + g^{117}x^72 + g^{2}x^68 + g^{107}x^66 + g^{2}x^65 + g^{124}x^48 + g^x^40 + g^{6}x^36 + g^{91}x^34 + g^{26}x^33 + g^{75}x^24 + g^{44}x^20 + g^6x^18 + g^{106}x^17 + g^{38}x^12 + g^{37}x^10 + g^{13}x^9 + g^{92}x^6 + g^{96}x^5 + g^{13}x^3$
 There are 228 candidate simplex codes
 $g^{61}x^96 + g^{92}x^80 + g^{91}x^72 + g^{23}x^68 + g^{53}x^65 + g^{52}x^48 + g^{34}x^40 + g^{14}x^36 + g^{107}x^34 + g^{80}x^33 + g^{114}x^24 + g^{126}x^20 + g^{111}x^18 + g^{38}x^17 + g^{118}x^12 + g^{32}x^10 + g^{43}x^9 + g^{7}x^6 + g^{12}x^5 + g^{73}x^3$
 There are 264 candidate simplex codes
 $g^{55}x^96 + g^{16}x^80 + g^{54}x^72 + g^{95}x^68 + g^{10}x^66 + g^{74}x^65 + g^{38}x^48 + g^{48}x^40 + g^{35}x^36 + g^{23}x^34 + g^{126}x^33 + g^{35}x^24 + g^{108}x^20 + g^{92}x^18 + g^{118}x^17 + g^{111}x^12 + g^{55}x^10 + g^{97}x^9 + g^{99}x^6 + g^{120}x^5 + g^{15}x^3$
 There are 208 candidate simplex codes
 $g^{52}x^96 + g^{122}x^80 + g^{50}x^72 + g^{105}x^68 + g^{107}x^66 + g^{102}x^65 + g^{53}x^48 + g^{54}x^40 + g^{121}x^36 + g^{63}x^34 + g^{36}x^33 + g^{8}x^24 + g^{80}x^20 + g^{21}x^18 + g^{59}x^17 + g^{95}x^12 + g^{86}x^10 + g^{64}x^9 + g^{114}x^6 + g^{28}x^5 + g^{83}x^3$
 There are 212 candidate simplex codes
 $g^{117}x^96 + g^{115}x^80 + g^{121}x^72 + g^{62}x^68 + g^{7}x^66 + g^{39}x^65 + g^{56}x^48 + g^{106}x^40 + g^{84}x^36 + g^{15}x^34 + g^{38}x^33 + g^{54}x^24 + g^{43}x^18 + g^{113}x^17 + g^{89}x^12 + g^{77}x^10 + g^{14}x^9 + g^{13}x^6 + g^{72}x^5 + g^{112}x^3$
 There are 212 candidate simplex codes
 $g^{4}x^96 + g^{4}x^80 + g^{42}x^72 + g^{90}x^68 + g^x^66 + g^{66}x^65 + g^{111}x^48 + g^{63}x^40 + g^{52}x^36 + g^{49}x^34 + g^{58}x^33 + g^{13}x^24 + g^{84}x^20 + g^{36}x^18 + g^{47}x^17 + g^{25}x^12 + g^{77}x^10 + g^{124}x^9 + g^{11}x^6 + g^{98}x^5 + g^x^3$
 There are 224 candidate simplex codes
 $g^{108}x^96 + g^{49}x^80 + g^{29}x^72 + g^{46}x^68 + g^{35}x^66 + g^{15}x^65 + g^{15}x^48 + g^{108}x^40 + g^{18}x^36 + g^{99}x^34 + g^{4}x^33 + g^{102}x^24 + g^{91}x^20 + g^{104}x^18 + g^{89}x^17 + g^{83}x^12 + g^{56}x^10 + g^{27}x^9 + g^{114}x^6 + g^{54}x^5 + g^{46}x^3$
 There are 256 candidate simplex codes
 $g^{4}x^96 + g^{24}x^80 + g^{49}x^72 + g^{87}x^68 + g^{85}x^66 + g^{122}x^65 + g^{99}x^48 + g^{29}x^40 + g^{109}x^36 + g^x^34 + g^{95}x^33 + g^{115}x^24 + g^{68}x^20 + g^{99}x^18 + g^{37}x^17 + g^{107}x^12 + g^{95}x^10 + g^{117}x^9 + g^x^6 + g^{56}x^5 + g^{77}x^3$
 There are 256 candidate simplex codes
 $g^{25}x^96 + g^{105}x^80 + g^{98}x^72 + g^{111}x^68 + g^{63}x^66 + g^{121}x^65 + g^{54}x^48 + g^{27}x^40 + g^{111}x^36 + g^{94}x^34 + g^{102}x^33 + g^6x^24 + g^{54}x^20 + g^{114}x^18 + g^{91}x^17 + g^{42}x^12 + g^{76}x^10 + g^6x^9 + g^{11}x^6 + g^{80}x^5 + g^{110}x^3$
 There are 196 candidate simplex codes
 $g^{42}x^96 + g^{19}x^80 + g^{69}x^72 + g^{33}x^68 + g^{87}x^66 + g^{34}x^65 + g^{81}x^48 + g^{116}x^40 + g^{15}x^36 + g^{69}x^34 + g^{11}x^33 + g^{121}x^24 + g^{122}x^20 + g^{36}x^18 + g^{13}x^17 + g^{67}x^12 + g^{64}x^10 + g^{120}x^9 + g^{26}x^6 + g^{83}x^5 + g^{119}x^3$
 There are 200 candidate simplex codes
 $g^{90}x^96 + g^{98}x^80 + g^{53}x^72 + g^{84}x^68 + g^{23}x^66 + g^{10}x^65 + g^{120}x^48 + g^{66}x^40 + g^{75}x^36 + g^{67}x^34 + g^{73}x^33 + g^{121}x^24 + g^{18}x^20 + g^{4}x^18 + g^{18}x^17 + g^{64}x^12 + g^{68}x^10 + g^{126}x^9 + g^{27}x^6 + g^{98}x^5 + g^{91}x^3$
 There are 228 candidate simplex codes
 $g^{55}x^96 + g^{40}x^80 + g^{4}x^72 + g^{102}x^68 + g^{35}x^66 + g^{113}x^65 + g^{60}x^48 + g^{24}x^40 + g^{12}x^36 + g^{7}x^34 + g^{21}x^33 + g^{74}x^24 + g^{57}x^20 + g^{80}x^18 + g^{112}x^17 + g^{105}x^12 + g^{74}x^10 + g^{48}x^9 + g^{21}x^6 + g^{100}x^5 + g^{51}x^3$
 There are 216 candidate simplex codes
 $g^{48}x^96 + g^{125}x^80 + g^{68}x^72 + g^{64}x^68 + g^{31}x^66 + g^{96}x^65 + g^{35}x^48 + g^{63}x^40 + g^{86}x^36 + g^{16}x^34 + g^{95}x^33 + g^{124}x^24 + g^{43}x^20 + g^{104}x^18 + g^{23}x^17 + g^{67}x^12 + g^{77}x^10 + g^{55}x^9 + g^{96}x^6 + g^{16}x^5 + g^{92}x^3$
 There are 224 candidate simplex codes
 $g^{46}x^96 + g^{109}x^80 + g^{117}x^72 + g^{122}x^68 + g^{110}x^66 + g^{19}x^65 + g^{117}x^48 + g^{113}x^40 + g^{103}x^36 + g^{58}x^34 + g^{18}x^33 + g^{81}x^24 + g^{3}x^20 + g^{111}x^18 + g^{86}x^17 + g^{114}x^12 + g^{3}x^10 + g^{101}x^9 + g^{27}x^6 + g^{4}x^5 + g^{52}x^3$
 There are 220 candidate simplex codes
 $g^{95}x^96 + g^{44}x^80 + g^{21}x^72 + g^{86}x^68 + g^{38}x^66 + g^{100}x^65 + g^{16}x^48 + g^{117}x^40 + g^{90}x^36 + g^{35}x^34 + g^{125}x^33 + g^{12}x^24 + g^{121}x^20 + g^{81}x^18 + g^{27}x^17 + g^{10}x^12 + g^{2}x^10 + g^{29}x^9 + g^{79}x^6 + g^{8}x^5 + g^x^3$
 There are 228 candidate simplex codes
 $g^{12}x^96 + g^{111}x^80 + g^{88}x^72 + g^{11}x^68 + g^{122}x^66 + g^{95}x^65 + g^{112}x^48 + g^{87}x^40 + g^{121}x^36 + g^{117}x^34 + g^{69}x^33 + g^{125}x^24 + g^{41}x^20 + g^{78}x^18 + g^{73}x^17 + g^{45}x^12 + g^{35}x^10 + g^{61}x^9 + g^{70}x^6 + g^{101}x^5 + g^{34}x^3$
 There are 216 candidate simplex codes

g^97*x^96 + g^114*x^80 + g^113*x^72 + g^43*x^68 + g^73*x^66 + g^92*x^65 + g^125*x^48 + g^125*x^40 + g^52*x^36 + g^56*x^34 + g^4*x^33 + g^59*x^24 + g^42*x^20 + g^52*x^18 + g^94*x^17 + g^88*x^12 + g^97*x^10 + g^31*x^9 + g^4*x^6 + g^115*x^5 + g^106*x^3

There are 196 candidate simplex codes

g^78*x^96 + g^68*x^80 + g^67*x^72 + g^106*x^68 + g^96*x^66 + g^118*x^65 + g^87*x^48 + g^23*x^40 + g^92*x^36 + g^105*x^34 + g^90*x^33 + g^50*x^24 + g^33*x^18 + g^10*x^17 + g^87*x^12 + g^50*x^10 + g^6*x^9 + g^102*x^6 + g^72*x^5 + g^67*x^3

There are 200 candidate simplex codes

g^9*x^96 + g^14*x^80 + g^53*x^72 + g^72*x^68 + g^97*x^66 + g^87*x^65 + g^108*x^48 + g^104*x^40 + g^125*x^36 + g^28*x^34 + g^71*x^33 + g^5*x^24 + g^30*x^20 + g^64*x^18 + g^112*x^17 + g^75*x^12 + g^19*x^10 + g^23*x^9 + g^122*x^6 + g^18*x^5 + g^117*x^3

There are 228 candidate simplex codes

g^75*x^96 + g^35*x^80 + g^101*x^72 + g^65*x^68 + g^68*x^66 + g^3*x^65 + g^90*x^48 + g^33*x^40 + g^13*x^36 + g^103*x^34 + g^26*x^33 + g^53*x^24 + g^81*x^20 + g^85*x^18 + g^86*x^17 + g^109*x^12 + g^72*x^10 + g^114*x^9 + g^30*x^6 + g^29*x^5 + g^46*x^3

There are 244 candidate simplex codes

g^120*x^96 + g^114*x^80 + g^78*x^72 + g^50*x^68 + g^30*x^66 + g^25*x^65 + g^85*x^48 + g^12*x^40 + g^51*x^36 + g^21*x^34 + g^32*x^33 + g^29*x^24 + g^103*x^20 + g^96*x^18 + g^86*x^17 + g^39*x^12 + g^60*x^10 + g^66*x^9 + g^71*x^6 + g^100*x^5 + g^96*x^3

There are 212 candidate simplex codes

g^72*x^96 + g^14*x^80 + g^32*x^72 + x^68 + g^92*x^66 + g^81*x^65 + g^66*x^48 + g^30*x^40 + g^21*x^36 + g^100*x^34 + g^29*x^33 + g^60*x^24 + g^8*x^20 + g^104*x^18 + g^58*x^17 + g^90*x^12 + g^40*x^10 + g^123*x^9 + g^18*x^6 + g^78*x^5 + g^73*x^3

There are 204 candidate simplex codes

g^114*x^96 + g^3*x^80 + g^88*x^72 + g^13*x^68 + g^13*x^66 + g^81*x^65 + g^54*x^48 + g^55*x^40 + g^124*x^36 + g^2*x^34 + g^12*x^33 + g^46*x^24 + x^20 + g^76*x^18 + g^55*x^17 + g^36*x^12 + g^120*x^10 + g^7*x^9 + g^120*x^6 + g^81*x^5 + g^115*x^3

There are 188 candidate simplex codes

g^85*x^96 + g^55*x^80 + g^93*x^72 + g^112*x^68 + g^103*x^66 + g^16*x^65 + g^71*x^48 + g^64*x^40 + g^43*x^36 + g^61*x^34 + g^25*x^33 + g^122*x^24 + g^94*x^20 + g^79*x^18 + g^18*x^17 + g^52*x^12 + g^40*x^10 + g^45*x^9 + g^47*x^6 + g^68*x^5 + g^34*x^3

There are 248 candidate simplex codes

g^56*x^96 + g^85*x^80 + g^50*x^72 + g^56*x^68 + g^67*x^66 + g^124*x^65 + g^101*x^48 + g^97*x^40 + g^119*x^36 + g^41*x^34 + g^71*x^33 + g^84*x^24 + g^113*x^20 + g^119*x^18 + g^22*x^17 + g^37*x^12 + g^13*x^10 + g^35*x^9 + g^74*x^6 + g^82*x^5 + g^91*x^3

There are 204 candidate simplex codes

g^64*x^96 + g^100*x^80 + g^107*x^72 + g^102*x^68 + g^125*x^66 + g^87*x^65 + g^37*x^48 + g^106*x^40 + g^110*x^34 + g^102*x^33 + g^73*x^24 + g^31*x^20 + g^33*x^18 + g^36*x^17 + g^115*x^12 + g^2*x^10 + g^31*x^9 + g^38*x^6 + g^3*x^5 + g^18*x^3

There are 200 candidate simplex codes

g^110*x^96 + g^5*x^80 + g^120*x^72 + g^37*x^68 + g^60*x^66 + g^52*x^65 + g^26*x^40 + g^37*x^36 + g^37*x^34 + g^63*x^33 + g^74*x^24 + g^15*x^20 + g^101*x^18 + g^10*x^17 + g^72*x^12 + g^75*x^10 + g^36*x^9 + g^102*x^6 + g^99*x^5 + g^49*x^3

There are 216 candidate simplex codes

g^121*x^96 + g^111*x^80 + g^6*x^72 + g^32*x^68 + g^118*x^66 + g^69*x^65 + g^3*x^48 + g^21*x^40 + g^96*x^36 + g^57*x^34 + g^111*x^33 + g^124*x^24 + g^81*x^20 + g^28*x^18 + g^102*x^17 + g^85*x^12 + g^122*x^10 + g^25*x^9 + g^101*x^6 + g^117*x^5 + g^34*x^3

There are 224 candidate simplex codes

g^2*x^96 + g^73*x^80 + g^113*x^72 + g^111*x^68 + g^19*x^66 + g^83*x^65 + g^32*x^48 + g^54*x^40 + g^17*x^36 + g^52*x^34 + g^60*x^33 + g^126*x^24 + g^77*x^20 + g^85*x^18 + g^99*x^17 + g^83*x^12 + g^5*x^10 + g^6*x^9 + g^98*x^6 + g^42*x^5 + g^114*x^3

There are 208 candidate simplex codes

g^78*x^96 + g^121*x^80 + g^30*x^72 + g^85*x^68 + g^116*x^66 + g^40*x^65 + g^33*x^48 + g^124*x^40 + g^71*x^36 + g^119*x^34 + g^116*x^33 + g^53*x^24 + g^59*x^20 + g^61*x^18 + g^2*x^17 + g^47*x^12 + g^26*x^10 + g^57*x^9 + g^35*x^6 + g^85*x^5 + g^114*x^3

There are 284 candidate simplex codes

g^10*x^96 + g^70*x^80 + g^99*x^72 + g^69*x^68 + g^49*x^66 + g^25*x^65 + g^48*x^48 + g^100*x^40 + g^96*x^36 + g^64*x^34 + g^49*x^33 + g^105*x^24 + g^11*x^20 + g^108*x^18 + g^44*x^17 + g^12*x^12 + g*x^10 + g^125*x^9 + g^42*x^6 + g^79*x^5 + g^17*x^3

There are 232 candidate simplex codes

g^20*x^96 + g^55*x^80 + g^27*x^72 + g^89*x^68 + g^36*x^66 + g^9*x^65 + g^65*x^48 + g^45*x^40 + g^63*x^36 + g^67*x^34 + g^123*x^24 + g^78*x^20 + g^74*x^18 + g^31*x^17 + g^22*x^12 + g*x^10 + g^4*x^9 + g^58*x^6 + g^124*x^5 + g^56*x^3

There are 196 candidate simplex codes

g^119*x^96 + g^109*x^80 + g^72*x^72 + g^102*x^68 + g^110*x^66 + g^110*x^65 + g^62*x^48 + g^55*x^40 + g^120*x^36 + g^114*x^34 + g^6*x^33 + g^105*x^24 + g^96*x^20 + g^40*x^18 + g^116*x^17 + g^34*x^12 + g^40*x^10 + g^85*x^9 + g^80*x^6 + g^78*x^5 + g^37*x^3

There are 248 candidate simplex codes

g^64*x^96 + g^48*x^80 + g^90*x^72 + g^28*x^68 + g^97*x^66 + g^86*x^65 + g^94*x^48 + g^31*x^40 + g^97*x^36 + g^37*x^34 + g^20*x^33 + g^25*x^24 + g^89*x^20 + g^111*x^18 + x^17 + g^13*x^12 + g^126*x^10 + g^101*x^9 + g^76*x^6 + g^93*x^5 + g^119*x^3

There are 244 candidate simplex codes

g^120*x^96 + g^29*x^72 + g^39*x^68 + g^36*x^66 + g^44*x^65 + g^84*x^48 + g^43*x^40 + g^15*x^36 + g^86*x^34 + g^101*x^33 + g^3*x^24 + g^21*x^20 + g^67*x^18 + g^113*x^17 + g^93*x^12 + g^108*x^10 + g^16*x^9 + g^10*x^6 + g^71*x^6 + g^28*x^5 + g^36*x^3

There are 268 candidate simplex codes

g^27*x^96 + g^14*x^80 + g^51*x^72 + g^13*x^68 + g^101*x^66 + g^101*x^65 + g^88*x^48 + g^2*x^40 + g^65*x^36 + g^68*x^34 + g^73*x^33 + g^94*x^24 + g^90*x^20 + g^97*x^18 + g^98*x^17 + g^125*x^12 + g^89*x^10 + g^105*x^9 + g^93*x^6 + x^5 + g^41*x^3

There are 204 candidate simplex codes

g^126*x^96 + g^54*x^80 + g^21*x^72 + g^19*x^68 + g^2*x^66 + g^124*x^65 + g^50*x^48 + g^75*x^40 + g^116*x^36 + g^109*x^34 + g^21*x^33 + g^36*x^24 + g^14*x^20 + g^57*x^18 + g^72*x^17 + g^121*x^12 + g^45*x^10 + g^30*x^9 + g^2*x^6 + g^82*x^5 + g^117*x^3

There are 212 candidate simplex codes

g^8*x^96 + g^95*x^80 + g^35*x^72 + g^106*x^68 + g^71*x^66 + g^30*x^65 + g^44*x^48 + g^110*x^40 + g^98*x^36 + g^112*x^34 + g^122*x^33 + g^126*x^24 + g^25*x^20 + g^115*x^18 + g^68*x^17 + g^97*x^12 + g^42*x^10 + g^27*x^9 + g^10*x^6 + g^117*x^5 + g^100*x^3

There are 260 candidate simplex codes

g^106*x^96 + g^5*x^80 + g^113*x^72 + g^106*x^68 + g^83*x^66 + g^80*x^65 + g^112*x^48 + g^4*x^40 + g^58*x^36 + x^34 + g^20*x^33 + g^12*x^24 + g^3*x^20 + g^106*x^18 + g^124*x^17 + g^70*x^12 + g^44*x^10 + g^22*x^9 + g^71*x^6 + g^28*x^5 + g^54*x^3

There are 240 candidate simplex codes

g^99*x^96 + g^100*x^80 + g^86*x^72 + g^12*x^68 + g^24*x^66 + g^42*x^65 + g^60*x^48 + g^95*x^40 + g^5*x^36 + g^40*x^34 + g^70*x^33 + g^44*x^24 + g^58*x^20 + g^70*x^18 + g^64*x^17 + g^87*x^12 + g^69*x^10 + g^44*x^9 + g^44*x^6 + g^119*x^5 + g^122*x^3

There are 244 candidate simplex codes

g^119*x^96 + g^5*x^80 + g^23*x^72 + g^6*x^68 + g^120*x^66 + g^85*x^65 + g^48*x^48 + g^72*x^40 + g^89*x^36 + g^103*x^34 + g^10*x^33 + g^25*x^24 + g^56*x^20 + g^43*x^18 + g^113*x^17 + g^63*x^12 + g^102*x^10 + g^28*x^9 + g^107*x^6 + g^2*x^5 + g^100*x^3

There are 232 candidate simplex codes

g^41*x^96 + g^79*x^80 + g^4*x^72 + g^122*x^68 + g^50*x^66 + g^100*x^65 + g^75*x^48 + g^84*x^40 + g^25*x^36 + g^39*x^34 + g^121*x^33 + g^25*x^24 + g^121*x^20 + g^75*x^18 + g^7*x^17 + g^27*x^12 + g^103*x^10 + g^105*x^9 + x^6 + g^98*x^5 + g^64*x^3

There are 220 candidate simplex codes

g^87*x^96 + g^47*x^80 + g^16*x^72 + g^66*x^68 + g^49*x^66 + g^61*x^65 + g^22*x^48 + g^85*x^40 + g^72*x^36 + g^26*x^34 + g^17*x^33 + g^92*x^24 + g^80*x^20 + g^116*x^18 + g^76*x^17 + g^12*x^12 + g^118*x^10 + g^81*x^9 + g^47*x^6 + g^3*x^5 + g^109*x^3

There are 216 candidate simplex codes

g^11*x^96 + g^61*x^80 + g^53*x^72 + g^10*x^68 + g^50*x^66 + g^51*x^65 + g^50*x^48 + g^8*x^36 + g^38*x^34 + g^64*x^33 + g^94*x^24 + g^5*x^20 + g^110*x^18 + g^14*x^17 + g^53*x^12 + g^10*x^10 + g^81*x^9 + g^64*x^6 + g^63*x^5 + g^88*x^3

There are 232 candidate simplex codes

g^113*x^96 + g^21*x^80 + g^32*x^72 + g^31*x^68 + g^64*x^66 + g^57*x^65 + g^106*x^48 + g^9*x^40 + g^54*x^36 + g^21*x^34 + g^82*x^33 + g^3*x^24 + g^73*x^20 + g^65*x^18 + g^30*x^17 + g^20*x^12 + g^52*x^10 + g^36*x^9 + g^103*x^6 + g^77*x^5 + g^63*x^3

There are 248 candidate simplex codes

g^27*x^96 + g^46*x^80 + g^10*x^72 + g^41*x^68 + g^13*x^66 + g^42*x^65 + g^91*x^48 + g^57*x^40 + g^97*x^36 + g^16*x^34 + g^6*x^33 + g^59*x^24 + g^14*x^20 + g^77*x^18 + g^97*x^17 + g^52*x^12 + g^91*x^10 + g^8*x^9 + g^35*x^6 + g^8*x^5 + g^5*x^3

There are 224 candidate simplex codes

g^114*x^96 + g^117*x^80 + g^25*x^72 + g^94*x^68 + g^73*x^66 + g^81*x^65 + g^73*x^40 + g^81*x^36 + g^36*x^34 + g^91*x^33 + g^85*x^24 + g^52*x^20 + g^59*x^18 + g^11*x^17 + g^9*x^12 + g^12*x^10 + g^11*x^9 + g^49*x^6 + g^95*x^5 + g^115*x^3

There are 212 candidate simplex codes

g^69*x^96 + g^92*x^80 + g^43*x^72 + g^111*x^68 + g^107*x^66 + g^84*x^65 + g^57*x^48 + g^98*x^40 + g^102*x^36 + g^2*x^34 + g^75*x^33 + g^17*x^24 + g^72*x^20 + g^7*x^18 + g^82*x^17 + g^95*x^12 + g^105*x^10 + g^51*x^9 + g^80*x^6 + g^63*x^5 + g^117*x^3

There are 260 candidate simplex codes

g^117*x^96 + g^76*x^80 + g^78*x^72 + g^107*x^68 + g^8*x^66 + g^87*x^65 + g^69*x^48 + g^45*x^40 + g^91*x^36 + g^116*x^34 + g^56*x^33 + g^69*x^24 + g^32*x^20 + g^33*x^18 + g^57*x^17 + g^92*x^12 + g^22*x^10 + g^98*x^9 + g^113*x^6 + g^10*x^5 + g^39*x^3

There are 188 candidate simplex codes

g^38*x^96 + g^93*x^80 + g^38*x^72 + g^114*x^68 + g^8*x^66 + g^20*x^65 + g^72*x^48 + g^120*x^40 + g^107*x^36 + g^82*x^34 + g^97*x^33 + g^75*x^24 + x^20 + g^73*x^18 + g^71*x^17 + g^56*x^12 + g^48*x^10 + g^122*x^9 + g^53*x^6 + g^120*x^5 + g^107*x^3

There are 196 candidate simplex codes

g^31*x^96 + g^107*x^80 + g^73*x^72 + g^75*x^68 + g^49*x^66 + g^87*x^65 + g^94*x^48 + g^57*x^40 + g^35*x^36 + g^18*x^34 + g^12*x^33 + g^44*x^24 + g^4*x^20 + g^24*x^18 + g^123*x^17 + g^112*x^12 + g^68*x^10 + g^90*x^9 + g^77*x^6 + g^10*x^5 + g^36*x^3

There are 240 candidate simplex codes

g^126*x^96 + g^88*x^80 + g^105*x^72 + g^104*x^68 + g^34*x^66 + g^47*x^65 + g^79*x^48 + g^46*x^40 + g^5*x^36 + g^96*x^34 + g^104*x^33 + g^29*x^24 + g^122*x^20 + g^31*x^18 + g^68*x^17 + g^5*x^12 + g^116*x^10 + g^114*x^9 + g^46*x^6 + g^75*x^5 + g^91*x^3

There are 192 candidate simplex codes

g'98*x'96 + g'102*x'80 + g'120*x'72 + g'74*x'68 + g'67*x'66 + g'110*x'65 + g'42*x'48 + g'26*x'40 + g'117*x'36 + g'40*x'34 + g'43*x'33 + g'50*x'24 + g'83*x'20 + g'125*x'18 + g'69*x'17 + g'56*x'12 + g'26*x'10 + g'2*x'9 + g'74*x'6 + g'121*x'5 + g'24*x'3

There are 224 candidate simplex codes

g'66*x'96 + g'24*x'80 + g'37*x'72 + g'68*x'68 + g'79*x'66 + g'77*x'65 + g'101*x'48 + g'15*x'40 + g'2*x'36 + g'71*x'34 + g'76*x'33 + g'71*x'24 + g'39*x'20 + g'58*x'18 + g'123*x'17 + g'23*x'12 + g'57*x'10 + g'29*x'9 + g'25*x'6 + g'38*x'5 + g'104*x'3

There are 184 candidate simplex codes

g'6*x'96 + g'88*x'80 + g'53*x'72 + g'2*x'68 + g'100*x'66 + g'78*x'65 + x'48 + g'78*x'40 + g'101*x'36 + g'20*x'34 + g'112*x'33 + g'35*x'24 + g'55*x'20 + g'102*x'18 + g'84*x'17 + g'29*x'12 + g'41*x'10 + g'14*x'9 + g'27*x'6 + g'109*x'5 + g'53*x'3

There are 216 candidate simplex codes

g'66*x'96 + g'123*x'80 + g'73*x'72 + g'70*x'68 + g'89*x'66 + g'88*x'65 + g'22*x'48 + g'104*x'40 + g'89*x'36 + g'25*x'34 + g'107*x'33 + g'58*x'24 + g'99*x'20 + g'77*x'18 + g'5*x'17 + g'36*x'12 + g'10*x'10 + g'118*x'9 + g'37*x'6 + g'30*x'5 + g'69*x'3

There are 208 candidate simplex codes

g'110*x'96 + g'27*x'80 + g'34*x'72 + g'56*x'68 + g'45*x'66 + g'103*x'65 + g'118*x'48 + g'87*x'40 + g'20*x'36 + g'94*x'34 + g'69*x'33 + g'69*x'24 + g*x'20 + g'117*x'18 + g'110*x'17 + g'49*x'12 + g'91*x'10 + g'41*x'9 + g'7*x'6 + g'71*x'5 + g'17*x'3

There are 236 candidate simplex codes

g'117*x'96 + x'80 + g'36*x'72 + g'20*x'68 + g'106*x'66 + g'6*x'65 + g'61*x'48 + g'97*x'40 + g'81*x'36 + g'58*x'34 + g'11*x'33 + g'115*x'24 + g'119*x'20 + g'31*x'18 + g'91*x'17 + g'51*x'12 + g'87*x'10 + g'36*x'9 + g'22*x'6 + g'104*x'5 + g'13*x'3

There are 216 candidate simplex codes

g'74*x'96 + g'12*x'80 + g'36*x'72 + g'40*x'68 + g'115*x'66 + g'4*x'65 + g'51*x'48 + g'43*x'40 + g'6*x'36 + g'58*x'34 + g'82*x'33 + g'116*x'24 + g'31*x'20 + g'95*x'18 + g'50*x'17 + g'19*x'12 + g'27*x'10 + g'113*x'9 + g'39*x'6 + g'76*x'5 + g'113*x'3

There are 216 candidate simplex codes

g'95*x'96 + g'101*x'80 + g'96*x'72 + g'46*x'68 + g'7*x'66 + g'54*x'65 + g'86*x'48 + g'24*x'36 + g'89*x'34 + g'99*x'33 + g'70*x'24 + g'74*x'20 + g'69*x'18 + g'103*x'17 + g'115*x'12 + g'40*x'10 + g'107*x'9 + g'16*x'6 + g'9*x'5 + g'64*x'3

There are 228 candidate simplex codes

g'118*x'96 + g'78*x'80 + g'21*x'72 + g'38*x'68 + g'5*x'66 + g'3*x'65 + g'20*x'48 + g'126*x'40 + g'14*x'36 + g'121*x'34 + g'7*x'33 + g'43*x'24 + g'64*x'20 + g'106*x'18 + g'109*x'17 + g'73*x'12 + g'6*x'10 + g'17*x'9 + g'23*x'6 + g'96*x'5 + g'38*x'3

There are 252 candidate simplex codes

g'65*x'96 + g'64*x'80 + g'30*x'72 + g'20*x'68 + g'108*x'66 + g'43*x'65 + g'78*x'48 + g'126*x'40 + g'80*x'36 + g'81*x'34 + g'119*x'33 + g'16*x'24 + g'108*x'20 + g'86*x'18 + g'67*x'17 + g'60*x'12 + g'8*x'10 + g'91*x'9 + g'70*x'6 + g'23*x'5 + g'36*x'3

There are 212 candidate simplex codes

g'87*x'96 + g'56*x'80 + g'25*x'72 + g'57*x'68 + g'66*x'66 + g'93*x'65 + g'72*x'48 + g'26*x'40 + g'17*x'36 + g'26*x'34 + g'123*x'33 + g'43*x'24 + g'103*x'20 + g'60*x'17 + g'35*x'12 + g'121*x'10 + g'120*x'9 + g'46*x'6 + g'62*x'5 + g'20*x'3

There are 204 candidate simplex codes

g'108*x'96 + g'116*x'80 + g'104*x'72 + g'121*x'68 + g'42*x'66 + g'46*x'65 + g'119*x'48 + g'60*x'40 + g'103*x'36 + g'41*x'34 + g'48*x'33 + g'9*x'24 + g'50*x'20 + g'117*x'18 + g'119*x'17 + g'11*x'12 + g'115*x'10 + g'87*x'9 + g'74*x'6 + g'16*x'5 + g'42*x'3

There are 224 candidate simplex codes

g'107*x'96 + g'62*x'80 + g'8*x'72 + g'7*x'68 + g'24*x'66 + g'53*x'65 + g'89*x'48 + g'79*x'40 + g'57*x'36 + g'63*x'34 + g'119*x'33 + g'12*x'24 + g'20*x'20 + g'63*x'18 + g'20*x'17 + g'80*x'12 + g'66*x'10 + g'92*x'9 + g'118*x'6 + g'14*x'5 + g'19*x'3

There are 192 candidate simplex codes

g'126*x'96 + g'39*x'80 + g'68*x'72 + g'15*x'68 + g'84*x'66 + g'88*x'65 + g'57*x'48 + g'81*x'40 + g'83*x'36 + g'74*x'34 + g'90*x'33 + g'32*x'24 + g'115*x'20 + g'104*x'18 + g'88*x'17 + g'38*x'12 + g'24*x'10 + g'26*x'9 + g'59*x'6 + g'124*x'5 + g'72*x'3

There are 232 candidate simplex codes

g'62*x'96 + g'38*x'80 + g'78*x'72 + g'98*x'68 + g'40*x'66 + g'9*x'65 + g'31*x'48 + g'122*x'40 + g'40*x'36 + g'64*x'34 + g'5*x'33 + g'16*x'24 + g'85*x'20 + g'59*x'18 + g'65*x'17 + g'107*x'12 + g'90*x'10 + g'45*x'9 + g'54*x'6 + g'16*x'5 + g'56*x'3

There are 196 candidate simplex codes

g'61*x'96 + g'103*x'80 + g'71*x'72 + g'68*x'68 + g'26*x'66 + g'72*x'65 + g'38*x'48 + g'100*x'40 + g'26*x'36 + g'67*x'34 + g'125*x'33 + g'114*x'24 + g'87*x'20 + g'51*x'18 + g'42*x'17 + g'94*x'12 + g'29*x'10 + g'17*x'9 + g'13*x'6 + g'79*x'5 + g'16*x'3

There are 232 candidate simplex codes

g'114*x'96 + g'124*x'80 + g'47*x'72 + g'53*x'68 + g'69*x'66 + g'28*x'65 + g'71*x'48 + g'114*x'40 + g'122*x'36 + x'34 + g'25*x'33 + g'81*x'24 + g'62*x'20 + g'11*x'18 + g'12*x'17 + g'20*x'12 + g'120*x'10 + g'94*x'9 + g'97*x'6 + g'41*x'5 + g'64*x'3

There are 184 candidate simplex codes

g'98*x'96 + g'123*x'80 + g'71*x'72 + g'119*x'68 + g'124*x'66 + g'69*x'65 + g'69*x'48 + g'78*x'40 + g'78*x'36 + x'34 + g'11*x'33 + g'21*x'24 + g'44*x'20 + g'65*x'18 + g'120*x'17 + g'13*x'12 + g'76*x'10 + g'18*x'9 + g'67*x'6 + g'14*x'5 + g'85*x'3

There are 216 candidate simplex codes

g'83*x'96 + g'58*x'80 + g'18*x'72 + g'48*x'68 + g'118*x'66 + g'5*x'65 + g'53*x'48 + g'31*x'40 + g'73*x'36 + g'47*x'34 + g'65*x'33 + g'99*x'24 + g'116*x'20 + g'94*x'18 + g'16*x'17 + g'6*x'12 + g*x'10 + g'85*x'9 + g'77*x'6 + g'13*x'5 + g'29*x'3

There are 236 candidate simplex codes

g'70*x'96 + g'71*x'80 + g'9*x'72 + g'118*x'68 + g'96*x'66 + g'108*x'65 + g'108*x'48 + g'10*x'40 + g'114*x'36 + g'96*x'34 + g'99*x'33 + g'22*x'24 + g'56*x'20 + g'89*x'18 + g'75*x'17 + g'75*x'12 + g'19*x'10 + g'28*x'9 + g'92*x'6 + g'31*x'5 + g'15*x'3

There are 240 candidate simplex codes

g'103*x'96 + g'61*x'80 + g'114*x'72 + g'60*x'68 + g'5*x'66 + g'35*x'65 + g'91*x'48 + g'73*x'40 + g'58*x'36 + g'10*x'34 + g'118*x'33 + g'72*x'24 + g'120*x'20 + g'90*x'18 + g'86*x'17 + g'44*x'12 + g'6*x'10 + g'85*x'9 + g'68*x'6 + g'50*x'5 + g'7*x'3

There are 232 candidate simplex codes

g'73*x'96 + g'116*x'80 + g'120*x'72 + g'16*x'68 + g'14*x'66 + g'76*x'65 + g'51*x'48 + g'60*x'40 + g'58*x'36 + g'53*x'34 + g'4*x'33 + g'84*x'24 + g'106*x'20 + g'17*x'18 + g'119*x'17 + g'120*x'12 + g'122*x'10 + g'95*x'9 + g'49*x'6 + g'10*x'5 + g'31*x'3

There are 232 candidate simplex codes

g'125*x'96 + g'112*x'80 + g'90*x'72 + g'9*x'68 + g'72*x'66 + g'26*x'65 + g'79*x'48 + g'37*x'40 + g'23*x'36 + g'97*x'34 + g'63*x'33 + g'7*x'24 + g'113*x'20 + g'68*x'18 + g'54*x'17 + g'16*x'12 + g'24*x'10 + g'100*x'9 + g'88*x'6 + g'51*x'5 + g'58*x'3

There are 176 candidate simplex codes

g'38*x'96 + g'32*x'80 + g'79*x'72 + g'70*x'68 + g'74*x'66 + g'125*x'65 + g'7*x'48 + g'8*x'40 + g'69*x'36 + g'88*x'34 + g'49*x'33 + g'69*x'24 + g'120*x'20 + g'105*x'18 + x'17 + g'27*x'12 + g'87*x'10 + g'19*x'9 + g'32*x'6 + x'5 + g'24*x'3

There are 228 candidate simplex codes

g'86*x'96 + g'71*x'80 + g'26*x'72 + g'57*x'68 + g'78*x'66 + g'8*x'65 + g'52*x'48 + g'101*x'40 + g'105*x'36 + g'109*x'34 + g'70*x'33 + g'114*x'24 + g'112*x'20 + g'106*x'18 + g'113*x'17 + g'74*x'12 + g'37*x'10 + g'4*x'9 + g'30*x'6 + g'11*x'5 + g'20*x'3

There are 220 candidate simplex codes

g'10*x'96 + g'79*x'80 + g'96*x'72 + g'89*x'68 + g'17*x'66 + g'36*x'65 + g'109*x'48 + g'61*x'40 + g'83*x'36 + g'21*x'34 + g'48*x'33 + g'86*x'24 + g'34*x'20 + g'59*x'18 + g'18*x'17 + g'48*x'12 + g'90*x'10 + g'39*x'9 + g'108*x'6 + g'54*x'5 + g'50*x'3

There are 212 candidate simplex codes

g'97*x'96 + g'108*x'80 + g'61*x'72 + g'30*x'68 + g'40*x'66 + g'77*x'65 + g'50*x'48 + g'37*x'40 + g'106*x'36 + g'70*x'34 + g'119*x'33 + g'77*x'24 + g'47*x'20 + g'99*x'18 + g'116*x'17 + g'117*x'12 + g'74*x'10 + g'95*x'9 + g'84*x'6 + g'18*x'5 + g'109*x'3

There are 208 candidate simplex codes

g'59*x'96 + g'39*x'80 + g'93*x'72 + g'49*x'68 + g'126*x'66 + g'22*x'65 + g'3*x'48 + g'33*x'40 + g'68*x'36 + g'94*x'34 + g'28*x'33 + g'30*x'24 + g'69*x'20 + g'116*x'18 + g'73*x'17 + g'113*x'12 + g'125*x'10 + g'67*x'9 + g'97*x'6 + g'100*x'5 + g'112*x'3

There are 196 candidate simplex codes

g'5*x'96 + g'107*x'80 + g'24*x'72 + g'81*x'68 + g'102*x'66 + g'63*x'65 + g'12*x'48 + g'117*x'40 + g'76*x'36 + g'59*x'34 + g'35*x'33 + g'96*x'24 + g'32*x'20 + g'40*x'18 + g'21*x'12 + g'79*x'10 + g'92*x'9 + g'46*x'6 + g'3*x'5 + g'112*x'3

There are 236 candidate simplex codes

g*x'96 + g'40*x'80 + g'89*x'72 + g'31*x'68 + g'30*x'66 + g'20*x'65 + g'20*x'48 + g'62*x'40 + g'92*x'36 + g'61*x'34 + g'48*x'33 + g'8*x'24 + g'62*x'20 + g'55*x'18 + g'46*x'17 + g'7*x'12 + g'118*x'10 + g'103*x'9 + g'51*x'6 + g*x'5 + g'7*x'3

There are 220 candidate simplex codes

g'70*x'96 + g'33*x'80 + g'51*x'72 + g'21*x'68 + g'60*x'66 + g'61*x'65 + g'95*x'48 + g'104*x'40 + g'28*x'36 + g'75*x'34 + g'11*x'33 + g'100*x'24 + g'47*x'20 + g'51*x'18 + g'50*x'17 + g'71*x'12 + g'111*x'10 + g'68*x'9 + g'44*x'6 + g'79*x'5 + g'32*x'3

There are 196 candidate simplex codes

g'122*x'96 + g'40*x'80 + g'104*x'72 + g'82*x'68 + g'75*x'66 + g'15*x'65 + g'46*x'48 + g'39*x'40 + g'65*x'36 + g'32*x'34 + g'115*x'33 + g'26*x'24 + g'44*x'20 + g'60*x'18 + g'119*x'17 + g'21*x'12 + g'29*x'10 + g'107*x'9 + g'102*x'6 + g'83*x'5 + g'123*x'3

There are 276 candidate simplex codes

g'22*x'96 + g'116*x'80 + g'11*x'72 + g'22*x'68 + g'8*x'66 + g'76*x'65 + g'101*x'48 + g'94*x'40 + g'122*x'36 + g'90*x'34 + g'50*x'33 + g'20*x'24 + g'110*x'20 + g'95*x'18 + g'50*x'17 + g'93*x'12 + g'126*x'10 + g'44*x'9 + g'11*x'6 + g'67*x'5 + g'5*x'3

There are 252 candidate simplex codes

g'101*x'96 + g'51*x'80 + g'118*x'72 + g'45*x'68 + g'2*x'66 + g'8*x'65 + g'56*x'48 + g'105*x'40 + g'102*x'36 + g'62*x'34 + g'86*x'33 + g'48*x'24 + g'97*x'20 + g'7*x'18 + g'52*x'17 + g'38*x'12 + g'119*x'10 + g'110*x'9 + g'14*x'6 + g'46*x'5 + g'21*x'3

There are 220 candidate simplex codes

g'34*x'96 + g'5*x'80 + g'38*x'72 + g'125*x'68 + g'16*x'66 + g'74*x'65 + g'31*x'48 + g'73*x'40 + g'32*x'36 + g'88*x'34 + g'27*x'33 + g'121*x'24 + g'32*x'20 + g'60*x'18 + g'16*x'17 + g'105*x'12 + g'107*x'10 + g'67*x'9 + g'87*x'6 + g'117*x'5 + g'111*x'3

There are 220 candidate simplex codes

g'98*x'96 + g'89*x'80 + g'39*x'72 + g'108*x'68 + g'32*x'66 + g'94*x'65 + g'109*x'48 + g'106*x'40 + g'92*x'36 + g'78*x'34 + g'50*x'33 + g'90*x'24 + g'48*x'20 + g'19*x'17 + g'21*x'12 + g'7*x'10 + g'51*x'9 + g'15*x'6 + g'70*x'5 + g'105*x'3

There are 216 candidate simplex codes

$g^{15}x^96 + g^{84}x^80 + g^{39}x^72 + g^{16}x^68 + x^66 + g^{74}x^65 + g^{5}x^48 + g^{49}x^40 + g^{51}x^36 + g^{121}x^34 + g^{83}x^33 + g^{28}x^24 + g^{40}x^20 + g^{45}x^18 + g^{34}x^17 + g^{55}x^12 + g^{38}x^10 + g^4x^9 + g^{80}x^6 + g^{44}x^5 + g^{15}x^3$
There are 232 candidate simplex codes
 $g^{90}x^96 + g^{75}x^80 + g^{51}x^72 + g^{70}x^68 + g^{27}x^66 + g^{107}x^65 + g^{88}x^48 + g^{51}x^40 + g^{61}x^36 + g^{25}x^34 + g^{66}x^33 + g^{18}x^24 + g^{64}x^20 + g^{106}x^18 + g^{16}x^17 + g^{85}x^12 + g^{54}x^10 + g^{123}x^9 + g^{72}x^6 + g^{96}x^5 + g^{85}x^3$
There are 224 candidate simplex codes
 $g^{14}x^96 + g^{121}x^80 + g^{38}x^72 + g^{101}x^68 + g^{56}x^66 + g^{17}x^65 + g^{58}x^48 + g^{76}x^40 + g^{62}x^36 + g^{11}x^34 + g^{90}x^33 + g^{108}x^24 + g^{108}x^20 + g^{40}x^18 + g^{12}x^17 + g^{112}x^12 + g^{124}x^10 + g^{97}x^9 + g^{122}x^6 + g^{53}x^5 + g^{65}x^3$
There are 240 candidate simplex codes
 $g^{101}x^96 + g^{6}x^80 + g^{85}x^72 + g^{61}x^68 + g^{37}x^66 + g^{60}x^65 + g^{68}x^48 + g^{73}x^40 + g^{61}x^36 + g^{50}x^34 + g^{83}x^33 + g^{110}x^24 + g^{17}x^20 + g^{85}x^18 + g^{10}x^17 + g^{11}x^12 + g^{23}x^10 + g^{89}x^9 + g^{21}x^6 + g^{120}x^5 + g^{121}x^3$
There are 232 candidate simplex codes
 $g^{28}x^96 + g^{43}x^80 + g^{11}x^72 + g^{108}x^68 + g^4x^66 + g^{87}x^65 + g^{29}x^48 + g^{85}x^40 + g^{41}x^36 + g^{66}x^34 + g^{81}x^33 + g^{56}x^24 + g^{29}x^20 + g^{11}x^18 + g^{116}x^17 + g^{37}x^12 + g^{104}x^10 + g^{88}x^9 + g^{71}x^6 + g^{101}x^5 + g^{51}x^3$
There are 248 candidate simplex codes
 $g^6x^96 + g^{69}x^80 + g^{31}x^72 + g^{87}x^68 + g^{77}x^66 + g^{59}x^65 + g^{13}x^48 + g^{123}x^40 + g^{12}x^36 + g^{74}x^34 + g^{19}x^33 + g^{56}x^24 + g^{101}x^20 + g^{31}x^18 + g^{95}x^17 + g^3x^12 + g^{86}x^10 + g^{96}x^9 + g^{82}x^6 + g^{94}x^5 + g^4x^3$
There are 204 candidate simplex codes
 $g^{30}x^96 + g^{115}x^80 + g^{71}x^72 + g^2x^68 + g^{35}x^66 + g^3x^65 + g^{115}x^48 + g^{34}x^40 + g^9x^36 + g^{79}x^34 + g^{103}x^33 + g^{65}x^24 + g^{58}x^20 + g^{59}x^18 + g^{36}x^17 + g^{50}x^12 + g^{84}x^10 + g^{112}x^9 + g^{87}x^6 + g^{69}x^5 + g^{82}x^3$
There are 208 candidate simplex codes
 $g^{23}x^96 + g^{11}x^80 + g^{42}x^72 + g^{10}x^68 + g^{68}x^66 + g^{25}x^65 + g^4x^48 + g^{117}x^40 + g^{126}x^36 + g^{87}x^34 + g^{50}x^33 + g^{57}x^24 + g^{78}x^20 + g^{90}x^18 + g^{48}x^17 + g^{89}x^12 + g^{40}x^10 + g^{57}x^9 + g^{49}x^6 + g^{115}x^5 + g^{115}x^3$
There are 232 candidate simplex codes
 $g^{32}x^96 + g^{78}x^80 + g^{15}x^72 + g^{115}x^68 + g^{40}x^66 + g^{122}x^65 + g^{68}x^48 + g^{25}x^40 + g^{109}x^36 + g^{60}x^34 + g^{27}x^33 + g^2x^24 + g^2x^20 + g^{18}x^18 + g^7x^17 + g^{28}x^12 + g^{42}x^10 + g^{104}x^9 + g^{26}x^6 + g^{43}x^5 + g^{32}x^3$
There are 252 candidate simplex codes
 $g^{45}x^96 + g^{33}x^80 + g^{19}x^72 + g^{66}x^68 + g^{108}x^66 + g^9x^65 + g^{32}x^48 + g^{115}x^40 + g^{65}x^36 + g^{23}x^34 + g^{23}x^33 + g^{19}x^24 + g^{62}x^20 + g^{18}x^18 + g^{74}x^17 + g^2x^12 + g^{82}x^10 + g^{11}x^9 + g^{84}x^6 + g^{119}x^5 + g^{42}x^3$
There are 220 candidate simplex codes
 $g^{123}x^96 + g^{122}x^80 + g^{90}x^72 + g^{15}x^68 + g^{73}x^66 + g^{18}x^48 + g^{17}x^40 + g^{86}x^36 + g^{52}x^34 + g^{114}x^33 + g^{34}x^24 + g^{97}x^20 + g^{52}x^18 + g^{114}x^17 + g^{81}x^12 + g^{117}x^10 + g^{26}x^9 + g^{76}x^6 + g^3x^5 + g^7x^3$
There are 252 candidate simplex codes
 $g^{101}x^96 + g^{121}x^80 + g^{17}x^72 + g^{117}x^68 + g^{44}x^66 + g^{63}x^65 + g^{88}x^48 + g^{39}x^40 + g^{80}x^36 + g^{94}x^34 + g^{94}x^33 + g^{55}x^24 + g^{113}x^20 + g^{116}x^18 + g^{62}x^17 + g^{17}x^12 + g^{110}x^10 + g^{53}x^9 + g^{87}x^6 + g^{25}x^5 + g^{73}x^3$
There are 200 candidate simplex codes
 $g^{15}x^96 + g^{58}x^80 + g^{47}x^72 + g^{73}x^68 + g^{29}x^66 + g^{120}x^65 + g^{53}x^48 + g^{23}x^40 + g^{49}x^36 + g^{51}x^34 + g^{79}x^33 + g^{xx}24 + g^{20}x^20 + g^{46}x^18 + g^{51}x^17 + g^{104}x^12 + g^{8}x^10 + g^{27}x^9 + g^{48}x^6 + g^{108}x^5 + g^{39}x^3$
There are 284 candidate simplex codes
 $g^{53}x^96 + g^{64}x^72 + g^{50}x^68 + g^{91}x^66 + g^{14}x^65 + g^4x^48 + g^{55}x^40 + g^{96}x^36 + g^{57}x^34 + g^{71}x^33 + g^{123}x^24 + g^{27}x^20 + g^{27}x^18 + g^{93}x^17 + g^{xx}12 + g^{74}x^10 + g^{14}x^9 + g^{34}x^6 + g^{38}x^5 + g^{78}x^3$
There are 200 candidate simplex codes
 $g^{22}x^80 + g^40x^72 + g^{122}x^68 + g^{70}x^66 + g^{119}x^65 + g^{113}x^48 + g^{69}x^40 + g^{69}x^36 + g^{50}x^34 + g^{38}x^33 + g^{95}x^24 + g^{20}x^20 + g^{100}x^18 + g^{70}x^17 + g^6x^12 + g^{57}x^10 + g^{76}x^9 + g^{13}x^6 + g^{61}x^5 + g^{125}x^3$
There are 236 candidate simplex codes
 $g^{53}x^96 + g^{95}x^80 + g^{107}x^72 + g^2x^68 + g^{88}x^66 + g^{45}x^65 + g^{122}x^48 + g^{65}x^40 + g^9x^36 + g^{10}x^34 + g^{107}x^33 + g^{43}x^24 + g^{42}x^20 + g^{77}x^18 + g^{15}x^17 + g^{71}x^12 + g^{21}x^10 + g^{63}x^9 + g^{8}x^6 + g^{41}x^5 + g^{38}x^3$
There are 240 candidate simplex codes
 $g^{15}x^96 + g^3x^80 + g^{101}x^68 + g^{90}x^66 + g^{106}x^65 + g^{117}x^48 + g^{122}x^40 + g^{122}x^36 + g^{75}x^34 + g^{67}x^33 + g^{126}x^24 + g^{16}x^20 + g^{10}x^18 + g^{61}x^17 + g^{86}x^12 + g^{102}x^10 + g^{124}x^9 + g^{59}x^6 + g^{13}x^5 + g^{72}x^3$
There are 208 candidate simplex codes