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INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE

Distribution des poids des codes cycliques binaires de longueur 63

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PROGRAMME 2



Distribution des poids des codes cycliques binaires de longueur 63

Weigth distribution of the binary cyclic codes of length 63

David Audibert* Nicolas Sendrier*

Résumé

Nous donnons dans ce rapport la distribution des poids de tous les codes cycliques binaires de longueur 63. Ces codes sont au nombre de 4096. La distribution des poids de 798 codes seulement nous permet de les décrire tous.

Abstract

We give here the weight distribution of all cyclic binary codes of length 63. There exists 4096 such codes. The weight distribution of only 798 codes is sufficient to describe them all.

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1 Codes cycliques

Soit n un entier positif impair. Un code cyclique binaire de longueur n est un idéal C de $\mathcal{R}_n = \mathbb{F}_2[X]/(X^n - 1)$. D'après [1, Ch. 7, Th. 1] le code C est engendré par un polynôme unitaire de degré minimal $g(X)$ défini de façon unique et qui divise $X^n - 1$. Le code C contient exactement tous les polynômes $c(X)$ multiples de $g(X)$ (i.e. $g(X)|c(X)$). Nous noterons $C = \langle g(X) \rangle$.

Soit α une racine primitive n -ième de l'unité sur \mathbb{F}_2 , puisque $g(X)|(X^n - 1)$, on a $g(X) = \prod_{i \in I} (X - \alpha^i)$, où I est une partie de $\{0, 1, \dots, n-1\}$. L'ensemble I est appelé ensemble de définition de C . La définition de I dépend du choix de la racine primitive α .

Définition 1 Deux ensembles de définition I et I' sont dit équivalents s'ils se déduisent l'un de l'autre par un changement de racine n -ième primitive. C'est à dire si $\{\alpha^i, i \in I\} = \{\beta^i, i \in I'\}$, où α et β sont deux racines n -ième primitives de l'unité. Nous noterons alors $I \equiv I'$.

La classe cyclotomique de l'entier s modulo n sur \mathbb{F}_2 est l'ensemble $\text{cl}(s) = \{s, 2s, \dots, 2^{m-1}s\}$ où les entiers sont calculés modulo n et où m est le plus petit entier strictement positif tel que $2^m s = s \pmod{n}$. D'après [1, p. 199] I est la réunion de classes cyclotomiques modulo n sur \mathbb{F}_2 .

Nous noterons $[s_1, \dots, s_l]$ l'ensemble $\bigcup_{1 \leq i \leq l} \text{cl}(s_i)$ lorsque $s_1 < \dots < s_l$ et, pour tout i , s_i est le plus petit élément de sa classe cyclotomique. Ceci nous donne une écriture compacte et sans ambiguïté de l'ensemble de définition d'un code.

Nous noterons \mathcal{C}_n l'ensemble des codes cycliques binaires de longueur n et \mathcal{I}_n l'ensemble des ensembles de définition de codes de \mathcal{C}_n . Pour tout $C \in \mathcal{C}_n$ nous noterons I_C l'ensemble de définition de C , et pour tout $I \in \mathcal{I}_n$ nous noterons C_I le code de \mathcal{C}_n d'ensemble de définition I . La relation \equiv est une relation d'équivalence sur \mathcal{I}_n et donc sur \mathcal{C}_n .

Définition 2 Deux codes linéaires C et C' sont dit équivalents si il existe une matrice de parité H de C , une matrice de parité H' de C' et une matrice de permutation P telles que $H = H'P$.

Deux codes équivalents se déduisent l'un de l'autre par une permutation du support, ils ont donc en particulier la même distribution des poids.

Proposition 1 1. Si $0 \notin I$ alors $C_{I \cup \{0\}}$ contient exactement les mots de poids pair de C_I .

2. Si $0 \notin I$, alors dans C_I le nombre de mot de poids $n - i$ est égal au nombre de mots de poids i , pour $0 \leq i \leq (n-1)/2$.

3. Si $I \equiv I'$, alors C_I et $C_{I'}$ ont la même distribution des poids.

Preuve : On pose $I = [s_1, \dots, s_l]$, $C_I = \langle g(X) \rangle$.

1. Un polynôme $c(X)$ est de poids pair si et seulement si $c(1) = 0$, c'est-à-dire si et seulement si $X - 1 | c(X)$. D'autre part puisque $0 \notin I$, on a $(X - 1) \nmid g(X)$, et donc

$$\{X - 1 | c(X) \text{ et } g(X) | c(X)\} \Leftrightarrow (X - 1)g(X) | c(X).$$

2. Soit $u(X) = X^{n-1} + \dots + X + 1$, on a $X^n - 1 = (X - 1)u(X)$. Puisque $0 \notin I$, on a $X - 1 \nmid g(X)$. D'autre part $g(X) | X^n - 1$ donc $g(X) | u(X)$, c'est-à-dire $u(X) \in C_I$.

À tout mot $c(X) \in C_I$ de poids i correspond un et un seul mot $\bar{c}(X) = c(X) + u(X) \in C_I$ de poids $n - i$, ce qui montre la propriété.

3. La propriété est vraie si les codes C_I et $C_{I'}$ sont équivalents.

Puisque $I \equiv I'$, il existe une racine n -ième primitive de l'unité β , telle que $\{\alpha^i, i \in I'\} = \{\beta^i, i \in I\}$. On a $c(X) \in C_I$ si et seulement si $c(\alpha^{s_1}) = \dots = c(\alpha^{s_l}) = 0$ et $c(X) \in C_{I'}$ si et seulement si $c(\beta^{s_1}) = \dots = c(\beta^{s_l}) = 0$. Les matrices

$$H_I = \begin{pmatrix} 1 & \alpha^{s_1} & \alpha^{2s_1} & \dots & \alpha^{(n-1)s_1} \\ \vdots & \vdots & \vdots & & \vdots \\ 1 & \alpha^{s_l} & \alpha^{2s_l} & \dots & \alpha^{(n-1)s_l} \end{pmatrix} \text{ et } H_{I'} = \begin{pmatrix} 1 & \beta^{s_1} & \beta^{2s_1} & \dots & \beta^{(n-1)s_1} \\ \vdots & \vdots & \vdots & & \vdots \\ 1 & \beta^{s_l} & \beta^{2s_l} & \dots & \beta^{(n-1)s_l} \end{pmatrix}$$

sont donc des matrices de parité de C_I et $C_{I'}$, respectivement. Soit π la permutation de $\{0, \dots, n-1\}$ telle que $\alpha^i = \beta^{\pi(i)}$. La i -ième colonne de H_I est égale à la $\pi(i)$ -ième colonne de $H_{I'}$. Donc ces deux matrices se déduisent l'une de l'autre par une permutation de colonnes. Ceci prouve que les codes C_I et $C_{I'}$ sont équivalents. \square

2 Représentation des codes

Définition 3 Soient $I = [s_1, \dots, s_l]$ et $I' = [s'_1, \dots, s'_{l'}]$ dans \mathcal{I}_n . On notera $I \prec I'$ si

- $I = []$, ou
- $l > 0$, $l' > 0$ et $s_1 < s'_1$, ou
- $l > 0$, $l' > 0$, $s_1 = s'_1$ et $[s_2, \dots, s_l] \prec [s'_2, \dots, s'_{l'}]$

La relation \prec définit un ordre total sur \mathcal{I}_n et donc sur \mathcal{C}_n .

Le premier point de la Proposition 1 nous permet de ne donner la distribution des poids que des codes dont l'ensemble de définition ne contient pas 0. Le second point nous permet d'affirmer qu'une moitié seulement de cette distribution suffit à la décrire entièrement. Enfin le troisième point nous autorise à ne donner la distribution que d'un seul code parmi tous ceux dont les ensembles de définition sont équivalents. Nous avons choisi de prendre comme représentant de chaque classe d'équivalence pour \equiv , l'élément le plus petit pour la relation \prec .

Il existe 798 codes vérifiant ces conditions si l'on excepte les codes triviaux de dimension ou de codimension égale à 0 ou 1. Les tables sont classées dans l'ordre croissant de \prec . Les distributions des poids des 399 codes de dimension inférieure à 32 ont été obtenues par comptage en énumérant les mots de code. Pour les codes de dimension supérieure ou égale à 32 nous avons utilisé la transformée de MacWilliams [1, Ch. 5] de la distribution des poids du dual qui est de dimension inférieure à 32.

Dans chacune des tables données ci-après, les distributions de poids sont données comme indiqué ci-contre, où A_i est le nombre de mot de poids i .

A_0	A_4	A_8	A_{12}	A_{16}	A_{20}	A_{24}	A_{28}
A_1	A_5	A_9	A_{13}	A_{17}	A_{21}	A_{25}	A_{29}
A_2	A_6	A_{10}	A_{14}	A_{18}	A_{22}	A_{26}	A_{30}
A_3	A_7	A_{11}	A_{15}	A_{19}	A_{23}	A_{27}	A_{31}

Références

- [1] MacWilliams (F.J.) et Sloane (N.J.A.). – *The Theory of Error Correcting Codes*. – North-Holland, 1977.
- [2] Audibert (D). – Programmes d'évaluation par des méthodes combinatoires des performances des codes correcteurs d'erreurs et d'effacements. – Rapport de Stage, ESA-IGELEC. – Juillet 1993.

1 Cyclic codes

Let n be a positive odd integer. A binary cyclic code of length n is an ideal C of the ring $\mathcal{R}_n = \mathbb{F}_2[X]/(X^n - 1)$. From [1, Ch. 7, Th. 1] the code C is generated by a monic polynomial of minimal degree $g(X)$ uniquely defined and which is a divisor of $X^n - 1$. The code C contains exactly all the multiples $c(X)$ of $g(X)$ (i.e. $g(X)|c(X)$). We will denote $C = \langle g(X) \rangle$.

Let α be a primitive n -th root of unity over \mathbb{F}_2 . Since $g(X)|X^n - 1$ we have $g(X) = \prod_{i \in I} (X - \alpha^i)$, where I is a subset of $\{0, 1, \dots, n-1\}$. The set I is called the defining set of C . The definition of I depends on the choice of α .

Definition 1 Two defining sets I and I' are equivalent if one can be obtained from the other by changing the primitive root. That is $\{\alpha^i, i \in I\} = \{\beta^i, i \in I'\}$, where α and β are primitive roots of unity. We denote $I \equiv I'$.

The cyclotomic cosets of an integer s modulo n over \mathbb{F}_2 is the set $\text{cl}(s) = \{s, 2s, \dots, 2^{m-1}s\}$ computed modulo n where m is the smallest positive integer such that $s2^m \equiv s \pmod{n}$. From [1, p. 199] I is a union of cyclotomic cosets modulo n over \mathbb{F}_2 .

We denote by $[s_1, \dots, s_l]$ the set $\bigcup_{1 \leq i \leq l} \text{cl}(s_i)$ where $s_1 < \dots < s_l$ and, for all i , s_i is the smallest element of its cyclotomic coset. This gives us a compact and unambiguous representation of the defining set of a cyclic code.

We denote by \mathcal{C}_n the set of binary cyclic codes of length n and by \mathcal{I}_n the set of all defining sets of elements of \mathcal{C}_n . For all $C \in \mathcal{C}_n$ we denote by I_C the defining set of C , and for all $I \in \mathcal{I}_n$ we denote by C_I the code of \mathcal{C}_n whose defining set is I . The relation \equiv is an equivalence for \mathcal{I}_n and thus for \mathcal{C}_n .

Definition 2 Two linear codes C et C' are equivalent if there exist parity check matrices H and H' for C and C' and a permutation matrix P such that $H = H'P$.

Two equivalent codes are deduced one from the other by a permutation of the support. In particular they have the same weight distribution.

Proposition 1 1. If $0 \notin I$ then $C_{I \cup \{0\}}$ contains exactly the codewords of C_I of even weight.

2. If $0 \notin I$ then C_I contains the same number of codewords of weight i and of weight $n-i$, for $0 \leq i \leq (n-1)/2$.

3. If $I \equiv I'$ then C_I and $C_{I'}$ have the same weight distribution.

Proof: Let $I = [s_1, \dots, s_l]$, $C_I = \langle g(X) \rangle$.

1. A polynomial $c(X)$ in $\mathbb{F}_2[X]$ has an even weight if and only if $c(1) = 0$, or equivalently if $(X-1)|c(X)$. Furthermore, since $0 \notin I$, we have $(X-1) \nmid g(X)$, and thus

$$\{(X-1)|c(X) \text{ and } g(X)|c(X)\} \Leftrightarrow (X-1)g(X)|c(X).$$

2. Let $u(X) = X^{n-1} + \dots + X + 1$, we have $X^n - 1 = (X-1)u(X)$. Since $0 \notin I$, we have $X-1 \nmid g(X)$. Furthermore $g(X)|X^n - 1$, thus we have $g(X)|u(X)$, or equivalently $u(X) \in C_I$. To any codeword $c(X) \in C_I$ of weight i corresponds a unique codeword $\bar{c}(X) = c(X) + u(X) \in C_I$ of weight $n-i$. This proves the result.

3. The property is true if the codes C_I and $C_{I'}$ are equivalent.

Since $I \equiv I'$, we have $\{\alpha^i, i \in I'\} = \{\beta^i, i \in I\}$ for some n -th root β of unity. We have $c(X) \in C_I$ if and only if $c(\alpha^{s_1}) = \dots = c(\alpha^{s_l}) = 0$ and $c(X) \in C_{I'}$ if and only if $c(\beta^{s_1}) = \dots = c(\beta^{s_l}) = 0$. The matrices

$$H_I = \begin{pmatrix} 1 & \alpha^{s_1} & \alpha^{2s_1} & \dots & \alpha^{(n-1)s_1} \\ \vdots & \vdots & \vdots & & \vdots \\ 1 & \alpha^{s_l} & \alpha^{2s_l} & \dots & \alpha^{(n-1)s_l} \end{pmatrix} \text{ and } H_{I'} = \begin{pmatrix} 1 & \beta^{s_1} & \beta^{2s_1} & \dots & \beta^{(n-1)s_1} \\ \vdots & \vdots & \vdots & & \vdots \\ 1 & \beta^{s_l} & \beta^{2s_l} & \dots & \beta^{(n-1)s_l} \end{pmatrix}$$

are thus parity check matrices of C_I and $C_{I'}$, respectively. Let π be the permutation of $\{0, \dots, n-1\}$ such that $\alpha^i = \beta^{\pi(i)}$ for all i . The i -th column of H_I is equal to the $\pi(i)$ -th column of $H_{I'}$. Thus H_I and $H_{I'}$ only differ by a permutation of column and the codes C_I and $C_{I'}$ are equivalent. \square

2 Code representation

Definition 3 Let $I = [s_1, \dots, s_l]$ and $I' = [s'_1, \dots, s'_{l'}]$ be two elements of \mathcal{I}_n . We denote $I \prec I'$ if

- $I = []$, or
- $l > 0, l' > 0$ and $s_1 < s'_1$, or
- $l > 0, l' > 0, s_1 = s'_1$ and $[s_2, \dots, s_l] \prec [s'_2, \dots, s'_{l'}]$

The relation \prec defines un total ordering of \mathcal{I}_n and thus of \mathcal{C}_n .

From the first point of Proposition 1 we only need to give the weight distribution of the codes whose defining set does not contain 0. From the second point we know that giving only the first half of this distribution is sufficient. At last the third point allows us to give the weight distribution of only one code among all whose defining sets are equivalent. We have choosen as representative of each equivalence coset modulo \equiv the smallest defining set for the order \prec .

There are exactly 798 such codes for $n = 63$, if we except the trivial codes of dimension or codimension equal to 0 or 1. The tables are given in increasing order for \prec . The weight distribution of the 399 codes of dimension smaller than 32 were obtained by enumerating all the codewords. For codes of larger dimension the result was obtained from the weight distribution of the dual codes by the MacWilliams transform [1, Ch. 5].

In each of the tables hereafter the weight distribution is given as shown beside, where A_i is the number of codewords of weight i .

A_0	A_4	A_8	A_{12}	A_{16}	A_{20}	A_{24}	A_{28}
A_1	A_5	A_9	A_{13}	A_{17}	A_{21}	A_{25}	A_{29}
A_2	A_6	A_{10}	A_{14}	A_{18}	A_{22}	A_{26}	A_{30}
A_3	A_7	A_{11}	A_{15}	A_{19}	A_{23}	A_{27}	A_{31}

References

- [1] MacWilliams (F.J.) et Sloane (N.J.A.). – *The Theory of Error Correcting Codes*. – North-Holland, 1977.
- [2] Audibert (D). – Programmes d'évaluation par des méthodes combinatoires des performances des codes correcteurs d'erreurs et d'effacements. – Rapport de Stage, ESA-IGELEC. – July 1993.

$n = 63, k = 57, d = 3$						
$I = [1]$						
1	9765	60544953	41694856749	5724932809365	210758816714985	2447745309517725
0	109368	369776680	163568562192	15827726179440	431553634502760	381848237223928
0	1057224	1996794072	584173436400	40448633569680	823875120414360	5580858785942664
651	8649279	9621890019	1908310936455	95799462143175	1468647185710635	7647844002734159
$n = 63, k = 51, d = 5$						
$I = [1, 3]$						
1	0	934101	651214200	89449931781	3293109483048	38246106242505
0	1890	5789350	2556010044	247309297956	6743011153494	59663661880914
0	18270	31262490	9128607300	632012650332	12873021293034	87200736595182
0	132443	150280200	29816643927	1496867946840	22947663745503	119497791585872
$n = 63, k = 45, d = 7$						
$I = [1, 3, 5]$						
1	0	23877	10349976	1397232837	51461165448	597668885625
0	0	78400	39912768	3864176064	10534563952	932134170240
0	0	423360	142545600	9875116608	201114430272	1362349941120
0	3411	2388456	465744279	23391438840	358601331375	1867374853904
$n = 63, k = 39, d = 9$						
$I = [1, 3, 5, 7]$						
1	0	0	140322	21907809	803124630	9327891720
0	0	2170	628866	60355638	1648195230	14579965764
0	0	11718	2245950	154242186	3146554530	21309180732
0	0	32382	7302603	365056650	5596735032	29146649420
$n = 63, k = 36, d = 11$						
$I = [1, 3, 5, 7, 9]$						
1	0	0	24570	2687265	99729630	1158132360
0	0	0	77616	7623504	207320256	1835136576
0	0	0	277200	19482288	395793216	2682122688
0	0	5670	895755	45331650	694879416	3618111196
$n = 63, k = 30, d = 13$						
$I = [1, 3, 5, 7, 9, 11]$						
1	0	0	0	23121	776160	9143400
0	0	0	1764	177660	4820112	42679728
0	0	0	6300	454020	9202032	62378064
0	0	0	7707	352800	5486040	28457632

$n = 63, k = 24, d = 15$		$I = [1, 3, 5, 7, 9, 11, 13]$	
1	0	0	182280
0	0	0	499968
0	0	3024	668304
0	0	7728	2071440
0	0	142128	2347632
0	0	0	914067
0	0	109368	388864
$n = 63, k = 18, d = 21$		$I = [1, 3, 5, 7, 9, 11, 13, 15]$	
1	0	0	0
0	0	0	32760
0	0	0	0
0	0	0	1452
0	0	0	9828
0	0	0	2772
0	0	0	14364
0	0	1890	37128
0	0	0	5488
0	0	0	15183
$n = 63, k = 16, d = 23$		$I = [1, 3, 5, 7, 9, 11, 13, 15, 21]$	
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
$n = 63, k = 10, d = 27$		$I = [1, 3, 5, 7, 9, 11, 13, 15, 21, 23]$	
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
$n = 63, k = 7, d = 31$		$I = [1, 3, 5, 7, 9, 11, 13, 15, 21, 23, 27]$	
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
$n = 63, k = 4, d = 27$		$I = [1, 3, 5, 7, 9, 11, 13, 15, 21, 23, 31]$	
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

$n = 63, k = 13, d = 23$						
$I = [1, 3, 5, 7, 9, 11, 13, 15, 21, 27]$						
1	0	0	0	0	0	630
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	378	3087
$n = 63, k = 10, d = 23$						
$I = [1, 3, 5, 7, 9, 11, 13, 15, 21, 31]$						
1	0	0	0	0	0	189
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	63	252
$n = 63, k = 12, d = 21$						
$I = [1, 3, 5, 7, 9, 11, 13, 15, 23]$						
1	0	0	0	0	0	252
0	0	0	0	0	3	315
0	0	0	0	0	63	966
0	0	0	0	0	0	196
$n = 63, k = 9, d = 21$						
$I = [1, 3, 5, 7, 9, 11, 13, 15, 23, 27]$						
1	0	0	0	0	0	0
0	0	0	0	0	3	126
0	0	0	0	0	0	0
0	0	0	0	0	0	63
$n = 63, k = 3, d = 21$						
$I = [1, 3, 5, 7, 9, 11, 13, 15, 23, 27, 31]$						
1	0	0	0	0	0	0
0	0	0	0	0	3	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
$n = 63, k = 6, d = 21$						
$I = [1, 3, 5, 7, 9, 11, 13, 15, 23, 31]$						
1	0	0	0	0	0	0
0	0	0	0	0	3	0
0	0	0	0	0	0	0
0	0	0	0	0	0	21
0	0	0	0	0	7	0

$n = 63, k = 15, d = 21$		$I = [1, 3, 5, 7, 9, 11, 13, 15, 27]$	
1	0	0	0
0	0	0	0
0	0	0	66
0	0	0	126
0	0	0	378
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
$n = 63, k = 12, d = 21$		$I = [1, 3, 5, 7, 9, 11, 13, 15, 31]$	
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
$n = 63, k = 22, d = 15$		$I = [1, 3, 5, 7, 9, 11, 13, 21]$	
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
$n = 63, k = 16, d = 15$		$I = [1, 3, 5, 7, 9, 11, 13, 21, 23]$	
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
$n = 63, k = 13, d = 23$		$I = [1, 3, 5, 7, 9, 11, 13, 21, 23, 27]$	
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
$n = 63, k = 7, d = 24$		$I = [1, 3, 5, 7, 9, 11, 13, 21, 23, 27, 31]$	
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

$n = 63, k = 10, d = 15$		$I = [1, 3, 5, 7, 9, 11, 13, 21, 23, 31]$	
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	21	0
$n = 63, k = 19, d = 15$		$I = [1, 3, 5, 7, 9, 11, 13, 21, 27]$	
1	0	0	189
0	0	0	0
0	0	0	0
0	0	0	0
0	0	63	0
$n = 63, k = 13, d = 24$		$I = [1, 3, 5, 7, 9, 11, 13, 21, 27, 31]$	
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
$n = 63, k = 16, d = 15$		$I = [1, 3, 5, 7, 9, 11, 13, 21, 31]$	
1	0	0	0
0	0	0	0
0	0	0	0
0	0	21	0
$n = 63, k = 18, d = 15$		$I = [1, 3, 5, 7, 9, 11, 13, 23]$	
1	0	0	63
0	0	0	0
0	0	0	168
0	0	21	0
$n = 63, k = 15, d = 18$		$I = [1, 3, 5, 7, 9, 11, 13, 23, 27]$	
1	0	0	0
0	0	0	45
0	0	0	21
0	0	0	0

$n = 63, k = 9, d = 18$

$I = [1, 3, 5, 7, 9, 11, 13, 23, 31]$			
1	0	0	0
0	0	0	0
0	0	0	21
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

$n = 63, k = 12, d = 15$

$I = [1, 3, 5, 7, 9, 11, 13, 23, 31]$			
1	0	0	0
0	0	0	0
0	0	0	360
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

$n = 63, k = 21, d = 15$

$I = [1, 3, 5, 7, 9, 11, 13, 27]$			
1	0	0	0
0	0	0	378
0	0	0	966
0	0	0	17766
0	0	0	0
0	0	0	0
0	0	0	0

$n = 63, k = 15, d = 18$

$I = [1, 3, 5, 7, 9, 11, 13, 27]$			
1	0	0	0
0	0	0	0
0	0	0	21
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

$n = 63, k = 18, d = 15$

$I = [1, 3, 5, 7, 9, 11, 13, 31]$			
1	0	0	0
0	0	0	63
0	0	0	1116
0	0	0	168
0	0	0	0
0	0	0	0

$n = 63, k = 24, d = 14$

$I = [1, 3, 5, 7, 9, 11, 15]$			
1	0	0	0
0	0	0	2961
0	0	0	6741
0	0	0	4725
0	0	0	0

$n = 63, k = 22, d = 15$						
$I = [1, 3, 5, 7, 9, 11, 15, 21]$						
1	0	0	0	189	12915	141435
0	0	0	0	0	0	572607
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	252	4725	87633	442393	835002
$n = 63, k = 16, d = 20$						
$I = [1, 3, 5, 7, 9, 11, 15, 21, 23]$						
1	0	0	0	0	882	1764
0	0	0	0	0	0	7812
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	9898	12411
$n = 63, k = 13, d = 20$						
$I = [1, 3, 5, 7, 9, 11, 15, 21, 23, 27]$						
1	0	0	0	0	126	252
0	0	0	0	0	0	756
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1134	1827
$n = 63, k = 19, d = 16$						
$I = [1, 3, 5, 7, 9, 11, 15, 21, 27]$						
1	0	0	0	189	2142	19845
0	0	0	0	0	0	64260
0	0	0	0	0	0	0
0	0	0	0	8883	60606	106218
$n = 63, k = 16, d = 15$						
$I = [1, 3, 5, 7, 9, 11, 15, 21, 31]$						
1	0	0	0	0	378	1953
0	0	0	0	0	0	8316
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	63	1575	5866	14616
$n = 63, k = 18, d = 17$						
$I = [1, 3, 5, 7, 9, 11, 15, 23]$						
1	0	0	0	0	882	1764
0	0	0	315	1263	11025	7812
0	0	0	63	2079	13545	27657
0	0	0	0	0	0	42357
0	0	0	0	0	9898	12411

$n = 63, k = 15, d = 17$

$I = [1, 3, 5, 7, 9, 11, 15, 23, 27]$					
1	0	0	0	0	252
0	0	0	0	126	756
0	0	0	126	129	4221
0	0	0	63	126	4914
0	0	0	0	0	1827
0	0	0	0	0	1134
0	0	0	0	0	1827

$n = 63, k = 21, d = 16$

$I = [1, 3, 5, 7, 9, 11, 15, 27]$					
1	0	0	0	189	64260
0	0	0	0	882	251685
0	0	0	0	9327	85428
0	0	0	819	14616	296226
0	0	0	0	8883	60606
0	0	0	0	0	106218

$n = 63, k = 18, d = 15$

$I = [1, 3, 5, 7, 9, 11, 15, 31]$					
1	0	0	0	0	378
0	0	0	0	0	1011
0	0	0	0	63	1890
0	0	0	63	0	1575
0	0	0	0	0	5866
0	0	0	0	0	14616

$n = 63, k = 28, d = 15$

$I = [1, 3, 5, 7, 9, 11, 21]$					
1	0	0	0	23121	776160
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	7707	352800	5486040
0	0	0	0	0	28457632
0	0	0	0	0	53382483

$n = 63, k = 22, d = 15$

$I = [1, 3, 5, 7, 9, 11, 21, 23]$					
1	0	0	0	504	571473
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	21	6363	831222
0	0	0	0	82971	448903
0	0	0	0	0	831222

$n = 63, k = 19, d = 16$

$I = [1, 3, 5, 7, 9, 11, 21, 23, 27]$

$I = [1, 3, 5, 7, 9, 11, 21, 23, 27]$

$I = [1, 3, 5, 7, 9, 11, 21, 23, 27]$

		$I = [1, 3, 5, 7, 9, 11, 21, 27]$
$n = 63, k = 25, d = 15$		
1	0	0
0	0	0
0	0	0
0	0	0
0	0	0
$n = 63, k = 19, d = 16$		$I = [1, 3, 5, 7, 9, 11, 21, 27, 31]$
1	0	0
0	0	0
0	0	0
0	0	0
0	0	0
$n = 63, k = 22, d = 15$		$I = [1, 3, 5, 7, 9, 11, 21, 31]$
1	0	0
0	0	0
0	0	0
0	0	0
0	0	0
$n = 63, k = 24, d = 13$		$I = [1, 3, 5, 7, 9, 11, 23]$
1	0	0
0	0	0
0	0	0
0	0	0
$n = 63, k = 21, d = 14$		$I = [1, 3, 5, 7, 9, 11, 23, 27]$
1	0	0
0	0	0
0	0	0
0	0	0
$n = 63, k = 27, d = 13$		$I = [1, 3, 5, 7, 9, 11, 27]$
1	0	0
0	0	0
0	0	0
0	0	0

$n = 63, k = 21, d = 16$						
$I = [1, 3, 5, 7, 9, 11, 27, 31]$						
1	0	0	0	0	189	1134
0	0	0	0	378	9747	81900
0	0	0	0	399	20160	118629
0	0	0	0	504	11403	55230
0	0	0	0			103194
$n = 63, k = 24, d = 15$						
$I = [1, 3, 5, 7, 9, 11, 31]$						
1	0	0	0	441	11655	143535
0	0	0	0	3087	73503	672651
0	0	0	0	7161	145593	967869
0	0	0	84	5985	83853	448021
0	0	0				831222
$n = 63, k = 30, d = 13$						
$I = [1, 3, 5, 7, 9, 13]$						
1	0	0	0	23121	776160	9143400
0	0	0	1764	177660	4820112	42679728
0	0	0	6300	454020	9202032	62378064
0	0	0	7707	352800	5486040	28457632
0	0	0				53382483
$n = 63, k = 24, d = 13$						
$I = [1, 3, 5, 7, 9, 13, 15]$						
1	0	0	0	378	11781	144081
0	0	0	126	2205	76485	666225
0	0	0	0	7497	143451	973791
0	0	0	63	5859	84987	445039
0	0	0				835002
$n = 63, k = 22, d = 15$						
$I = [1, 3, 5, 7, 9, 13, 15, 21]$						
1	0	0	0	378	11781	144081
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	63	5859	84987	445039
0	0	0				835002
$n = 63, k = 16, d = 19$						
$I = [1, 3, 5, 7, 9, 13, 15, 21, 31]$						
1	0	0	0	0	126	2331
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	189	819	8008
0	0	0				12033

$n = 63, k = 18, d = 17$	$I = [1, 3, 5, 7, 9, 13, 15, 31]$					
1	0	0	0	0	0	126
0	0	0	0	0	126	696
0	0	0	0	0	63	2583
0	0	0	0	0	189	819
0	0	0	0	0	0	8008
$n = 63, k = 28, d = 15$	$I = [1, 3, 5, 7, 9, 13, 21]$					
1	0	0	0	0	23121	776160
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	352800	5486040
0	0	0	0	0	0	28457632
$n = 63, k = 25, d = 15$	$I = [1, 3, 5, 7, 9, 13, 21, 27]$					
1	0	0	0	0	3717	91728
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	49392	673848
0	0	0	0	0	0	3567984
$n = 63, k = 19, d = 16$	$I = [1, 3, 5, 7, 9, 13, 21, 27, 31]$					
1	0	0	0	0	882	3528
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	78792
$n = 63, k = 22, d = 15$	$I = [1, 3, 5, 7, 9, 13, 21]$					
1	0	0	0	0	882	9954
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	78792
$n = 63, k = 27, d = 13$	$I = [1, 3, 5, 7, 9, 13, 27]$					
1	0	0	0	0	3717	91728
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	820827

$n = 63, k = 21, d = 13$						
$I = [1, 3, 5, 7, 9, 13, 27, 31]$						
1	0	0	0	882	3528	19992
0	0	0	126	1260	15228	76860
0	0	0	0	714	14868	114660
0	0	0	0	0	0	78792
0	0	0	0	0	0	101493
$n = 63, k = 24, d = 13$						
$I = [1, 3, 5, 7, 9, 13, 31]$						
1	0	0	0	882	9954	144606
0	0	0	126	2520	74322	672714
0	0	0	126	6468	147294	965286
0	0	0	210	6174	80514	457030
0	0	0	0	0	0	820827
$n = 63, k = 30, d = 11$						
$I = [1, 3, 5, 7, 9, 15]$						
1	0	0	252	43344	1550493	18113004
0	0	0	1008	118692	3237384	28698264
0	0	0	4284	303912	6194664	41866776
0	0	0	189	13482	715176	10830204
0	0	0	0	0	0	56576590
$n = 63, k = 28, d = 11$						
$I = [1, 3, 5, 7, 9, 15, 21]$						
1	0	0	252	10836	396333	4632012
0	0	0	0	31248	783720	7013160
0	0	0	1512	75096	1500408	10253880
0	0	0	189	4158	179928	2770236
0	0	0	0	0	0	14495614
$n = 63, k = 22, d = 15$						
$I = [1, 3, 5, 7, 9, 15, 21, 23]$						
1	0	0	0	0	7938	70434
0	0	0	0	126	12474	112014
0	0	0	0	1134	21546	165438
0	0	0	252	2646	43470	222838
0	0	0	0	0	0	430227
$n = 63, k = 19, d = 18$						
$I = [1, 3, 5, 7, 9, 15, 21, 23, 27]$						
1	0	0	0	0	1512	9198
0	0	0	0	0	378	14868
0	0	0	0	378	3780	18774
0	0	0	0	0	4914	29736
0	0	0	0	0	0	54495

$n = 63, k = 13, d = 24$		$I = [1, 3, 5, 7, 9, 15, 21, 23, 27, 31]$			
1	0	0	0	0	567
0	0	0	0	0	756
0	0	0	0	0	378
0	0	0	0	0	504
0	0	0	0	0	441
$n = 63, k = 16, d = 19$		$I = [1, 3, 5, 7, 9, 15, 21, 23, 31]$			
1	0	0	0	0	4599
0	0	0	0	0	6174
0	0	0	0	378	5670
0	0	0	189	630	5985
$n = 63, k = 25, d = 12$		$I = [1, 3, 5, 7, 9, 15, 21, 27]$			
1	0	0	252	4914	606816
0	0	0	0	80892	2147796
0	0	1134	20286	38178	2897370
0	0	0	0	238518	1213254
0	0	0	0	285768	1988532
$n = 63, k = 19, d = 16$		$I = [1, 3, 5, 7, 9, 15, 21, 27, 31]$			
1	0	0	0	189	1512
0	0	0	0	756	9387
0	0	0	0	3780	31752
0	0	0	0	3969	14868
$n = 63, k = 22, d = 15$		$I = [1, 3, 5, 7, 9, 15, 21, 31]$			
1	0	0	0	441	14868
0	0	0	378	25704	43864
0	0	0	378	3969	55062
0	0	0	0	31248	31752
$n = 63, k = 24, d = 15$		$I = [1, 3, 5, 7, 9, 15, 23]$			
1	0	0	0	756	6237
0	0	0	0	12852	70056
0	0	0	0	25704	294273
0	0	0	63	43848	107100
0	0	0	2835	3969	159768
0	0	0	0	225295	345114
0	0	0	0	421911	380898

$n = 63, k = 21, d = 17$

$I = [1, 3, 5, 7, 9, 15, 23, 27]$			
1	0	0	0
0	0	0	126
0	0	0	630
0	0	0	2394
0	0	0	19782

 $n = 63, k = 15, d = 19$

$I = [1, 3, 5, 7, 9, 15, 23, 27, 31]$			
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	126

 $n = 63, k = 18, d = 19$

$I = [1, 3, 5, 7, 9, 15, 23, 31]$			
1	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	441

 $n = 63, k = 27, d = 12$

$I = [1, 3, 5, 7, 9, 15, 27]$			
1	0	0	252
0	0	126	18018
0	0	1512	37044
0	0	2520	89838

 $n = 63, k = 21, d = 16$

$I = [1, 3, 5, 7, 9, 15, 27, 31]$			
1	0	0	0
0	0	0	882
0	0	0	630
0	0	0	882

 $n = 63, k = 24, d = 15$

$I = [1, 3, 5, 7, 9, 15, 31]$			
1	0	0	945
0	0	0	2583
0	0	0	3150
0	0	0	63

$n = 63, k = 34, d = 11$	$I = [1, 3, 5, 7, 9, 21]$
1 0	11466 0
0 0	21168 1841616
0 0	75600 4706352
0 0	2646 226443
$n = 63, k = 28, d = 11$	$I = [1, 3, 5, 7, 9, 21, 23]$
1 0	0 189
0 0	0 378
0 0	0 756
0 0	189 1407
$n = 63, k = 25, d = 12$	$I = [1, 3, 5, 7, 9, 21, 23, 27]$
1 0	0 189
0 0	0 5292
0 0	0 8316
0 0	0 20979
$n = 63, k = 19, d = 19$	$I = [1, 3, 5, 7, 9, 21, 23, 27, 31]$
1 0	0 0
0 0	0 0
0 0	0 0
0 0	0 0
$n = 63, k = 22, d = 15$	$I = [1, 3, 5, 7, 9, 21, 23, 31]$
1 0	0 0
0 0	0 0
0 0	0 0
0 0	0 21
$n = 63, k = 31, d = 11$	$I = [1, 3, 5, 7, 9, 21, 27]$
1 0	0 1638
0 0	0 3024
0 0	0 9072
0 0	378 26523

$n = 63, k = 25, d = 15$						
$I = [1, 3, 5, 7, 9, 21, 27, 31]$						
1	0	0	0	2016	52164	570612
0	0	0	0	4158	101178	872046
0	0	0	0	7182	192906	1274238
0	0	0	378	21924	342468	1825404
$n = 63, k = 28, d = 11$						
$I = [1, 3, 5, 7, 9, 21, 31]$						
1	0	0	0	11214	399105	4624536
0	0	0	0	29484	794052	6992244
0	0	0	1512	70812	1520316	10220364
0	0	189	3108	181944	2775024	14479066
$n = 63, k = 30, d = 11$						
$I = [1, 3, 5, 7, 9, 23]$						
1	0	0	189	41391	1550745	18140304
0	0	0	1008	117432	3236544	28713888
0	0	0	4536	310128	6166944	41904576
0	0	189	13881	716121	10829952	56551978
$n = 63, k = 27, d = 12$						
$I = [1, 3, 5, 7, 9, 23, 27]$						
1	0	0	189	4284	197442	2260650
0	0	0	126	17262	393354	3608514
0	0	0	756	35868	780822	5222574
0	0	0	1512	87255	1367478	7043694
$n = 63, k = 21, d = 16$						
$I = [1, 3, 5, 7, 9, 23, 27, 31]$						
1	0	0	0	126	2961	35931
0	0	0	0	0	7227	56133
0	0	0	0	588	11025	87759
0	0	0	0	1764	20223	106701
$n = 63, k = 24, d = 15$						
$I = [1, 3, 5, 7, 9, 23, 31]$						
1	0	0	0	378	24003	276717
0	0	0	0	1764	52902	456120
0	0	0	5838	96768	666666	1562148
0	0	399	10017	165879	875665	1676178

$n = 63, k = 33, d = 11$	$I = [1, 3, 5, 7, 9, 27]$					
1	0	0	3276	337617	12452580	144796008
0	0	0	10836	950796	25899408	229466160
0	0	0	33516	2437428	49489776	335191248
0	0	756	107163	5695452	86787288	452354280
$n = 63, k = 27, d = 13$	$I = [1, 3, 5, 7, 9, 27, 31]$					
1	0	0	0	6300	196182	2260650
0	0	0	126	16380	408474	3580290
0	0	0	378	3568	775782	5229630
0	0	0	1512	86058	1351350	7092834
$n = 63, k = 30, d = 11$	$I = [1, 3, 5, 7, 9, 31]$					
1	0	0	0	42210	1560573	18098724
0	0	0	504	125874	3216888	28707840
0	0	0	5418	301056	6184080	41918184
0	0	189	13692	703836	10883124	56477134
$n = 63, k = 33, d = 9$	$I = [1, 3, 5, 7, 11]$					
1	0	0	1659	327159	11747547	136838352
0	0	28	10773	1003338	27311385	241893792
0	0	189	36666	2557905	52205076	353349738
0	0	567	104097	536763	82035072	427382606
$n = 63, k = 27, d = 9$	$I = [1, 3, 5, 7, 11, 13]$					
1	0	0	84	5733	175392	2172072
0	0	28	0	15876	427584	3776472
0	0	0	756	38976	817740	5519808
0	0	0	3423	70308	1327032	6591872
$n = 63, k = 21, d = 9$	$I = [1, 3, 5, 7, 11, 13, 15]$					
1	0	0	0	189	2268	33852
0	0	7	0	189	7311	56007
0	0	0	0	273	14742	83853
0	0	0	63	504	23436	99260

$n = 63, k = 19, d = 9$	$I = [1, 3, 5, 7, 11, 13, 15, 21]$				
1	0	0	0	0	40320
0	0	7	0	0	39690
0	0	0	210	1512	41076
0	0	0	0	2457	59220
$n = 63, k = 13, d = 9$	$I = [1, 3, 5, 7, 11, 13, 15, 21, 23]$				
1	0	0	0	0	630
0	0	7	0	0	567
0	0	0	0	0	756
0	0	0	0	21	602
$n = 63, k = 7, d = 9$	$I = [1, 3, 5, 7, 11, 13, 15, 21, 23]$				
1	0	0	0	0	0
0	0	7	0	0	0
0	0	0	0	21	0
0	0	0	0	0	0
$n = 63, k = 15, d = 9$	$I = [1, 3, 5, 7, 11, 13, 15, 23]$				
1	0	0	0	0	0
0	0	7	0	0	0
0	0	0	0	21	0
0	0	0	0	0	0
$n = 63, k = 9, d = 9$	$I = [1, 3, 5, 7, 11, 13, 15, 23]$				
1	0	0	0	0	0
0	0	7	0	0	0
0	0	0	0	21	0
0	0	0	0	0	0
$n = 63, k = 25, d = 9$	$I = [1, 3, 5, 7, 11, 13, 21]$				
1	0	0	21	2898	250234
0	0	7	0	3213	241844
0	0	0	189	7812	2740374
0	0	0	1344	168903	3836133
				17577	413784
					1939616
					29708
					63

$n = 63, k = 19, d = 9$							$I = [1, 3, 5, 7, 11, 13, 21, 23]$						
1	0	0	0	21	63	378	10731	40698					
0	0	0	7	0	0	1533	11592	39123					
0	0	0	0	0	189	2205	18963	41076					
0	0	0	0	84	189	5733	32858	56700					
$n = 63, k = 16, d = 12$							$I = [1, 3, 5, 7, 11, 13, 21, 23, 27]$						
1	0	0	0	21	0	0	0	2415	9261				
0	0	0	0	0	0	0	0	0	0				
0	0	0	0	0	0	0	0	0	0				
0	0	0	0	0	0	1575	6958	12537					
$n = 63, k = 10, d = 12$							$I = [1, 3, 5, 7, 11, 13, 21, 23, 27, 31]$						
1	0	0	0	21	0	0	0	147	0				
0	0	0	0	0	0	0	0	0	0				
0	0	0	0	0	0	0	0	0	0				
0	0	0	0	0	0	0	0	343	0				
$n = 63, k = 13, d = 9$							$I = [1, 3, 5, 7, 11, 13, 21, 23, 31]$						
1	0	0	0	21	0	0	0	903	0				
0	0	0	7	0	0	399	0	0	0				
0	0	0	0	0	189	0	0	0	1197				
0	0	0	0	84	0	0	0	1295	0				
$n = 63, k = 22, d = 12$							$I = [1, 3, 5, 7, 11, 13, 21, 27]$						
1	0	0	0	21	189	12096	145236	564354					
0	0	0	0	0	0	0	0	0	0				
0	0	0	0	0	0	0	0	0	0				
0	0	0	0	315	3969	90972	434728	845271					
$n = 63, k = 16, d = 12$							$I = [1, 3, 5, 7, 11, 13, 21, 27, 31]$						
1	0	0	0	21	0	567	2604	6867					
0	0	0	0	0	0	0	0	0	0				
0	0	0	0	0	0	0	0	0	0				
0	0	0	0	0	0	0	9793	12915					

$n = 63, k = 19, d = 9$							$I = [1, 3, 5, 7, 11, 13, 21, 31]$						
1	0	0	21	0	756	11298							37926
0	0	7	0	0	1533	13104							35091
0	0	0	189	1701		18963							44100
0	0	84	189	5166		33236							58779
$n = 63, k = 21, d = 9$							$I = [1, 3, 5, 7, 11, 13, 23]$						
1	0	0	84	63	1512		36624						132552
0	0	28	0	0	6492		61488						179172
0	0	0	0	924	11844		86436						210672
0	0	0	273	756	19152		107912						192591
$n = 63, k = 18, d = 9$							$I = [1, 3, 5, 7, 11, 13, 23, 27]$						
1	0	0	21	0	0	0	2415						9261
0	0	21	0	0	864		11151						32319
0	0	0	0	147	1890		16254						356558
0	0	0	0	0	1575		6958						12537
$n = 63, k = 12, d = 9$							$I = [1, 3, 5, 7, 11, 13, 23, 27, 31]$						
1	0	0	21	0	0	0	147						0
0	0	21	0	0	297		0						0
0	0	0	0	147	0		0						1071
0	0	0	0	0	0		343						0
$n = 63, k = 15, d = 9$							$I = [1, 3, 5, 7, 11, 13, 23, 31]$						
1	0	0	84	0	0	0	2982						0
0	0	28	0	0	1956		0						0
0	0	0	0	924	0		0						5796
0	0	0	273	0	0		4340						0
$n = 63, k = 24, d = 9$							$I = [1, 3, 5, 7, 11, 13, 27]$						
1	0	0	21	189	12096		145236						564354
0	0	21	0	2457	76464		665658						2071440
0	0	189	6384	146097	970704		2352042						
0	0	315	3969	90972	434728		845271						

$n = 63, k = 18, d = 9$	$I = [1, 3, 5, 7, 11, 13, 27, 31]$					
1	0	0	21	0	567	2604
0	0	21	0	2187	9576	6867
0	0	0	147	1575	14805	29421
0	0	0	0	0	9793	40572
0	0	0	0	0	12915	12915
$n = 63, k = 21, d = 9$	$I = [1, 3, 5, 7, 11, 13, 31]$					
1	0	0	84	0	2394	35679
0	0	28	0	63	7626	132300
0	0	0	0	924	10395	180936
0	0	0	273	252	10395	208593
0	0	0	0	252	19089	191646
$n = 63, k = 27, d = 9$	$I = [1, 3, 5, 7, 11, 15]$					
1	0	0	0	5040	171864	2137044
0	0	7	315	12978	415992	8628984
0	0	0	882	40215	842499	3791214
0	0	0	1890	90216	1290996	11766006
0	0	0	0	0	6646472	13310052
0	0	0	0	0	12484773	12484773
$n = 63, k = 25, d = 9$	$I = [1, 3, 5, 7, 11, 15, 21]$					
1	0	0	0	756	52605	635733
0	0	7	0	3213	78435	785925
0	0	0	378	9597	172368	2440935
0	0	0	693	27027	394695	2715741
0	0	0	0	0	1977479	3750138
$n = 63, k = 19, d = 9$	$I = [1, 3, 5, 7, 11, 15, 21, 23]$					
1	0	0	0	0	882	10458
0	0	7	0	0	1890	39942
0	0	0	0	210	2079	37422
0	0	0	0	378	5166	43344
0	0	0	0	0	33614	57015
$n = 63, k = 21, d = 9$	$I = [1, 3, 5, 7, 11, 15, 23]$					
1	0	0	0	126	3339	32529
0	0	7	0	315	6177	61425
0	0	0	0	651	11340	179865
0	0	0	63	1449	17955	208257
0	0	0	0	0	108521	192654

$n = 63, k = 31, d = 9$						
$I = [1, 3, 5, 7, 11, 21]$						
1	0	0	399	99981	3511809	41094984
0	0	7	2457	202167	5644569	49752990
0	0	189	8883	515781	10773819	72728586
0	0	189	33159	1594971	24662232	128115890
$n = 63, k = 25, d = 9$						
$I = [1, 3, 5, 7, 11, 21, 23]$						
1	0	0	21	2961	49203	647787
0	0	7	0	3402	88725	772443
0	0	0	189	7371	169722	1138095
0	0	0	840	24318	381969	2015153
$n = 63, k = 22, d = 12$						
$I = [1, 3, 5, 7, 11, 21, 23, 27]$						
1	0	0	21	2079	5544	148764
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	189	5481	82404	457408
$n = 63, k = 28, d = 12$						
$I = [1, 3, 5, 7, 11, 21, 27]$						
1	0	0	21	22932	776916	9141636
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	7686	352989	5485284	28459396
$n = 63, k = 22, d = 12$						
$I = [1, 3, 5, 7, 11, 21, 27, 31]$						
1	0	0	21	945	12663	133707
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	2898	96705	432397
$n = 63, k = 25, d = 9$						
$I = [1, 3, 5, 7, 11, 21, 31]$						
1	0	0	21	2520	52857	637581
0	0	7	0	3780	88095	770301
0	0	189	6993	170352	1140237	2724939
0	0	1281	20664	392175	2003939	3735018

$n = 63, k = 27, d = 9$	$I = [1, 3, 5, 7, 11, 23]$
1	0
0	0
0	28
0	0
0	819
0	0
0	1092
$n = 63, k = 24, d = 9$	$I = [1, 3, 5, 7, 11, 23, 27]$
1	0
0	0
0	21
0	0
0	630
0	0
0	189
$n = 63, k = 30, d = 9$	$I = [1, 3, 5, 7, 11, 27]$
1	0
0	0
0	21
0	0
0	6300
0	0
0	7686
$n = 63, k = 24, d = 9$	$I = [1, 3, 5, 7, 11, 27]$
1	0
0	0
0	21
0	0
0	6300
0	0
0	352989
$n = 63, k = 27, d = 9$	$I = [1, 3, 5, 7, 11, 27, 31]$
1	0
0	0
0	21
0	0
0	0
0	0
$n = 63, k = 27, d = 9$	$I = [1, 3, 5, 7, 11, 27]$
1	0
0	0
0	28
0	0
0	567
0	0
0	2604
$n = 63, k = 33, d = 9$	$I = [1, 3, 5, 7, 13]$
1	0
0	0
0	2037
0	217
0	0
0	39501
0	189

$n = 63, k = 31, d = 9$						
$I = [1, 3, 5, 7, 13, 21]$						
1	0	0	588	95445	3535056	41043576
0	0	196	0	209916	5642112	49720104
0	0	0	11340	508032	10776276	72761472
0	0	0	37695	1571724	24713640	128065616
$n = 63, k = 28, d = 12$						
$I = [1, 3, 5, 7, 13, 21, 27]$						
1	0	0	588	17829	797328	9094008
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	7119	358092	5464872	28507024
$n = 63, k = 22, d = 12$						
$I = [1, 3, 5, 7, 13, 21, 27, 31]$						
1	0	0	588	4410	33516	154056
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	630532
$n = 63, k = 25, d = 9$						
$I = [1, 3, 5, 7, 13, 21, 31]$						
1	0	0	588	4410	59220	652512
0	0	7	0	5040	102900	779814
0	0	0	0	2268	143451	1189692
0	0	0	840	24696	322056	2143484
$n = 63, k = 30, d = 9$						
$I = [1, 3, 5, 7, 13, 27]$						
1	0	0	588	17829	797328	9094008
0	0	21	1386	180117	4811544	42698250
0	0	0	6489	452298	9209025	62361432
0	0	0	7119	358092	5464872	28507024
$n = 63, k = 24, d = 9$						
$I = [1, 3, 5, 7, 13, 27, 31]$						
1	0	0	588	4410	33516	154056
0	0	21	630	12348	114768	628110
0	0	0	0	5502	120645	911232
0	0	0	0	0	0	630532

$I = [1, 3, 5, 7, 13, 31]$						
$n = 63, k = 27, d = 9$						
1	0	0	651	7182	195048	2175096
0	0	28	630	22050	457068	3780756
0	0	0	126	33810	783216	5524596
0	0	0	1092	68103	1208592	6907376
$I = [1, 3, 5, 7, 15]$						
$n = 63, k = 33, d = 9$						
1	0	0	1575	335727	12543111	145712784
0	0	196	8505	958482	25754277	227673936
0	0	441	36162	2422245	49186620	332855586
0	0	819	109305	5692491	87486336	455515046
$I = [1, 3, 5, 7, 15, 21]$						
$n = 63, k = 31, d = 9$						
1	0	0	630	92295	3081204	36654912
0	0	196	3024	248346	6359850	56859264
0	0	378	12474	612696	12192012	8308684
0	0	252	32193	1417878	21896784	114357824
$I = [1, 3, 5, 7, 15, 21, 23]$						
$n = 63, k = 25, d = 9$						
1	0	0	0	1134	49455	564291
0	0	7	0	3717	94248	897498
0	0	0	189	9912	191583	1300824
0	0	0	441	25137	340641	1780541
$I = [1, 3, 5, 7, 15, 21, 23, 27]$						
$n = 63, k = 22, d = 16$						
1	0	0	0	189	6426	73143
0	0	0	0	0	11844	115038
0	0	0	0	1134	22806	161280
0	0	0	0	4914	37485	230398
$I = [1, 3, 5, 7, 15, 21, 23, 31]$						
$n = 63, k = 19, d = 9$						
1	0	0	0	0	567	10206
0	0	7	0	0	1512	12096
0	0	0	0	273	2457	20286
0	0	0	0	378	6174	28763

$n = 63, k = 28, d = 11$							$I = [1, 3, 5, 7, 15, 21, 27]$						
1	0	0	252	11340	384615	4659732							18602388
0	0	0	0	33390	789264	6982920							21781872
0	0	0	1134	79632	1499400	10234224							24658452
0	0	63	5166	167832	2796948	14484274							27044829
$n = 63, k = 22, d = 11$							$I = [1, 3, 5, 7, 15, 21, 27, 31]$						
1	0	0	0	0	189	6048							287469
0	0	0	0	0	0	15246							343602
0	0	0	0	1134	23436	160146							384552
0	0	63	0	2079	44793	224917							425502
$n = 63, k = 25, d = 9$							$I = [1, 3, 5, 7, 15, 21, 31]$						
1	0	0	0	0	441	50400							2279529
0	0	7	189	3213	107289	868203							2776599
0	0	0	756	8400	189378	1302147							3116043
0	0	63	630	16443	357399	1768445							3354876
$n = 63, k = 27, d = 9$							$I = [1, 3, 5, 7, 15, 23]$						
1	0	0	0	0	4851	197631							9156987
0	0	7	0	15624	394950	3576825							11047239
0	0	63	189	39333	766836	5200335							12545799
0	0	0	1638	92169	1360989	7118909							13316058
$n = 63, k = 24, d = 10$							$I = [1, 3, 5, 7, 15, 23, 27]$						
1	0	0	0	945	23940	284445							1128582
0	0	0	0	1449	51033	448623							1293560
0	0	63	0	3276	99729	654948							1574391
0	0	0	0	13230	166131	880936							1663326
$n = 63, k = 21, d = 9$							$I = [1, 3, 5, 7, 15, 23, 31]$						
1	0	0	0	0	0	3276							144144
0	0	7	0	189	5484	54684							175329
0	0	0	0	1029	10143	85806							192129
0	0	0	0	2016	20916	113876							204939

$n = 63, k = 30, d = 10$						
$I = [1, 3, 5, 7, 15, 27]$						
1	0	0	252	42966	1537263	18135684
0	0	0	1197	120960	3256851	28619640
0	0	63	3528	311913	6194664	41830110
0	0	63	14112	698544	10858932	56605066
$n = 63, k = 24, d = 11$						
$I = [1, 3, 5, 7, 15, 27, 31]$						
1	0	0	0	945	23310	284067
0	0	0	0	2394	52734	438858
0	0	0	0	4410	98910	650538
0	0	63	0	8757	175833	879991
$n = 63, k = 27, d = 9$						
$I = [1, 3, 5, 7, 15, 31]$						
1	0	0	0	5607	201978	2273187
0	0	7	189	15813	411393	3536379
0	0	0	756	34608	763938	5220747
0	0	63	1638	81585	1379385	7107947
$n = 63, k = 37, d = 9$						
$I = [1, 3, 5, 7, 21]$						
1	0	0	42042	5590305	200453022	2341927560
0	0	1960	179928	14764680	411898872	3632520528
0	0	10584	642600	37731960	786352392	5309068464
0	0	9702	1863435	91115010	1405156536	7303557212
$n = 63, k = 31, d = 9$						
$I = [1, 3, 5, 7, 21, 23]$						
1	0	0	399	87129	3141369	36564528
0	0	7	3969	229194	6436038	56739186
0	0	378	8694	595161	12262383	83020392
0	0	189	25851	1433187	21951216	114110234
$n = 63, k = 28, d = 12$						
$I = [1, 3, 5, 7, 21, 23, 27]$						
1	0	0	210	13482	389466	4640286
0	0	0	378	31374	787878	6985062
0	0	0	0	74844	1513890	10241154
0	0	0	3402	174384	2810178	14416318

$n = 63, k = 22, d = 12$

$I = [1, 3, 5, 7, 21, 23, 27, 31]$					
1	0	0	21	0	6804
0	0	0	378	14364	103824
0	0	0	1134	21420	150696
0	0	189	1701	43911	236908
0	0	0	0	0	281862

$n = 63, k = 25, d = 9$

$I = [1, 3, 5, 7, 21, 23, 31]$					
1	0	0	21	1197	46116
0	0	7	0	3402	105294
0	0	0	189	10836	185220
0	0	0	462	20979	346689
0	0	0	0	0	1787912
0	0	0	0	0	3337236

$n = 63, k = 34, d = 10$

$I = [1, 3, 5, 7, 21, 27]$					
1	0	0	6510	703017	25408530
0	0	0	25704	1809360	50782536
0	0	1512	75600	4664520	96941376
0	0	1386	228627	11589606	177922584
0	0	0	0	0	925573348
0	0	0	0	0	1734058179

$n = 63, k = 28, d = 11$

$I = [1, 3, 5, 7, 21, 27, 31]$					
1	0	0	588	11970	413847
0	0	0	0	30240	812448
0	0	0	0	66528	1509984
0	0	63	3780	175896	2739996
0	0	0	0	0	14565250
0	0	0	0	0	27050625

$n = 63, k = 31, d = 9$

$I = [1, 3, 5, 7, 21, 31]$					
1	0	0	588	89019	3141180
0	0	7	2835	227304	6462876
0	0	0	11340	578907	12284559
0	0	252	29253	1426572	21886704
0	0	0	0	0	114244424
0	0	0	0	0	213844239

$n = 63, k = 33, d = 9$

$I = [1, 3, 5, 7, 23]$					
1	0	0	2226	329490	12597165
0	0	28	13482	927801	25768137
0	0	441	35217	2428062	49070448
0	0	189	107940	5744214	87366636
0	0	0	0	0	455475566
0	0	0	0	0	852529041

$n = 63, k = 30, d = 9$						$I = [1, 3, 5, 7, 23, 27]$					
1	0	0	210	45864	1554336	18080076	72702756				
0	0	21	1827	125370	3216699	28677222	89168814				
0	0	63	3150	302799	6189309	41934438	100912896				
0	0	0	10962	707994	10894716	56460880	105880509				
$n = 63, k = 24, d = 9$						$I = [1, 3, 5, 7, 23, 27, 31]$					
1	0	0	21	252	27468	279867	1107036				
0	0	21	0	1512	54351	462672	1367793				
0	0	0	0	5439	88767	683361	1563156				
0	0	0	189	10899	160461	875728	1699614				
$n = 63, k = 27, d = 9$						$I = [1, 3, 5, 7, 23, 31]$					
1	0	0	84	4473	199080	2280810	9114084				
0	0	28	189	15498	406983	3570273	11035521				
0	0	0	189	41622	750015	5239269	12527613				
0	0	0	1029	89712	1351350	7125104	13355937				
$n = 63, k = 36, d = 9$						$I = [1, 3, 5, 7, 27]$					
1	0	0	19992	2705661	99739836	1157929752	4652405856				
0	0	21	81963	7591815	207408393	1835035650	5702909310				
0	0	1701	275499	19447239	395938809	2681870562	6463525950				
0	0	6300	880551	45434088	694539720	3618765640	6773224059				
$n = 63, k = 30, d = 9$						$I = [1, 3, 5, 7, 27, 31]$					
1	0	0	966	44352	1573551	18114852	72624384				
0	0	21	630	126693	3283416	28633626	88940628				
0	0	0	2457	297318	6173937	41868792	101205090				
0	0	63	13986	686322	10803492	56742490	105733845				
$n = 63, k = 33, d = 9$						$I = [1, 3, 5, 7, 31]$					
1	0	0	2226	345177	12560814	145785864	585449172				
0	0	28	9072	944244	25823136	227739960	707882112				
0	0	0	36036	2396688	49159404	332908128	802681992				
0	0	630	116067	5679450	87382008	455652092	852412995				

$n = 63, k = 42, d = 7$

$I = [1, 3, 5, 9]$						
1	0	9765	1421784	174061125	6439228488	74773492185
0	0	0	4999680	13155158016	116420548608	361806842880
0	0	0	1234254336	25114392576	170153109504	410047755264
0	1395	328104	58020375	2926922040	44864095311	437365577187
$I = [1, 3, 5, 9, 11]$						
1	0	63	22932	2886093	106830108	1240009995
0	0	0	74592	7070112	192931200	1706979456
0	0	0	266400	18068064	368323200	2494816128
0	9	5292	962031	48559140	744005997	3874834936
$I = [1, 3, 5, 9, 11, 13]$						
1	0	63	0	49581	1641024	19463115
0	0	0	504	116424	2993760	26705952
0	0	0	1800	297528	5715360	39031776
0	9	0	16527	745920	11677869	60421312
$I = [1, 3, 5, 9, 11, 13, 15]$						
1	0	0	0	693	25830	305487
0	0	0	0	2205	45570	1206702
0	0	0	99	4158	90090	417942
0	9	0	189	10458	189000	1296666
						1464960
						1787373
$I = [1, 3, 5, 9, 11, 13, 15, 21]$						
1	0	0	0	189	5103	63063
0	0	0	0	882	12690	126882
0	0	0	72	1134	26838	184086
0	0	0	0	2457	37989	193165
$I = [1, 3, 5, 9, 11, 13, 15, 21, 23]$						
1	0	0	0	0	0	1890
0	0	0	0	90	2961	1224
0	0	0	9	0	567	3780
0	0	0	0	0	1134	9135
						9135

$n = 63, k = 13, d = 14$		$I = [1, 3, 5, 9, 11, 13, 15, 21, 23, 27]$		
1	0	0	0	0
0	0	0	0	27
0	0	0	9	126
0	0	0	0	567
0	0	0	0	567
$n = 63, k = 7, d = 14$		$I = [1, 3, 5, 9, 11, 13, 15, 21, 23, 27, 31]$		
1	0	0	0	0
0	0	0	0	27
0	0	0	9	0
0	0	0	0	0
0	0	0	0	0
$n = 63, k = 10, d = 14$		$I = [1, 3, 5, 9, 11, 13, 15, 21, 23, 31]$		
1	0	0	0	0
0	0	0	0	27
0	0	0	9	0
0	0	0	0	0
0	0	0	0	0
$n = 63, k = 19, d = 14$		$I = [1, 3, 5, 9, 11, 13, 15, 21, 27]$		
1	0	0	0	0
0	0	0	0	1134
0	0	72	189	783
0	0	0	0	4536
0	0	0	0	3780
$n = 63, k = 16, d = 14$		$I = [1, 3, 5, 9, 11, 13, 15, 21, 27]$		
1	0	0	0	0
0	0	0	0	189
0	0	0	9	216
0	0	0	0	378
0	0	0	0	630
$n = 63, k = 18, d = 7$		$I = [1, 3, 5, 9, 11, 13, 15, 23]$		
1	0	0	0	0
0	0	0	0	336
0	0	0	36	1764
0	9	0	0	5292

$n = 63, k = 15, d = 7$		$I = [1, 3, 5, 9, 11, 13, 15, 23, 27]$			
1	0	0	0	0	4536
0	0	0	0	84	3528
0	0	0	36	0	1764
0	9	0	0	0	567
$n = 63, k = 9, d = 7$		$I = [1, 3, 5, 9, 11, 13, 15, 23, 27, 31]$			
1	0	0	0	0	126
0	0	0	0	84	0
0	0	0	36	0	0
0	9	0	0	0	0
$n = 63, k = 12, d = 7$		$I = [1, 3, 5, 9, 11, 13, 15, 23, 31]$			
1	0	0	0	0	189
0	0	0	0	84	252
0	0	0	36	0	588
0	9	0	0	0	882
$n = 63, k = 21, d = 7$		$I = [1, 3, 5, 9, 11, 13, 15, 27]$			
1	0	0	0	3780	158004
0	0	0	378	5439	165375
0	0	0	99	12033	180495
0	9	0	1260	23436	216279
$n = 63, k = 18, d = 7$		$I = [1, 3, 5, 9, 11, 13, 15, 31]$			
1	0	0	0	567	20223
0	0	0	0	651	20790
0	0	0	36	945	21126
0	9	0	0	2520	26271
$n = 63, k = 28, d = 13$		$I = [1, 3, 5, 9, 11, 13, 21]$			
1	0	0	0	11025	4022760
0	0	0	126	35154	897336
0	0	0	450	89838	1713096
0	0	0	3675	151200	2413656

$I = [1, 3, 5, 9, 11, 13, 21, 23]$						
$n = 63, k = 22, d = 14$						
1	0	0	0	252	5481	60501
0	0	0	0	1008	12375	127071
0	0	0	9	945	28413	181125
0	0	0	21	2079	38871	193627
$I = [1, 3, 5, 9, 11, 13, 21, 23, 27]$						
$n = 63, k = 19, d = 14$						
1	0	0	0	0	756	7392
0	0	0	0	0	1917	15813
0	0	0	9	189	3339	22491
0	0	0	0	378	4284	25368
$I = [1, 3, 5, 9, 11, 13, 21, 23, 27, 31]$						
$n = 63, k = 13, d = 14$						
1	0	0	0	0	189	21
0	0	0	0	0	27	27
0	0	0	9	0	126	63
0	0	0	0	0	0	0
$I = [1, 3, 5, 9, 11, 13, 21, 23, 31]$						
$n = 63, k = 16, d = 14$						
1	0	0	0	0	189	1344
0	0	0	0	63	405	189
0	0	0	9	0	693	945
0	0	0	21	0	1134	2737
$I = [1, 3, 5, 9, 11, 13, 21, 23, 31]$						
$n = 63, k = 25, d = 13$						
1	0	0	0	189	49896	477120
0	0	0	126	3402	115632	995904
0	0	0	450	8694	220752	1455552
0	0	0	63	22680	286272	1587768
$I = [1, 3, 5, 9, 11, 13, 21, 27, 31]$						
$n = 63, k = 19, d = 14$						
1	0	0	0	0	1890	4368
0	0	0	0	0	3933	9765
0	0	0	9	189	3339	22491
0	0	0	0	756	2268	28770

$n = 63, k = 22, d = 14$							$I = [1, 3, 5, 9, 11, 13, 21, 31]$						
1	0	0	0	0	0	0	6426	58800	256878				
0	0	0	0	0	441	14706	123480		390726				
0	0	0	0	9	1386	26712	183582		438606				
0	0	0	210	0	1890	37296	197974		358029				
$n = 63, k = 24, d = 7$							$I = [1, 3, 5, 9, 11, 13, 23]$						
1	0	0	0	0	693	24066		312123	1199898				
0	0	0	0	0	1386	46998		422478		1281294			
0	0	0	0	36	5082		89082		604674		1481130		
0	9	0	273	12222	180684		942886		1783593				
$n = 63, k = 21, d = 7$							$I = [1, 3, 5, 9, 11, 13, 23, 27]$						
1	0	0	0	0	0	3528		36939		155232			
0	0	0	0	0	0	6552		51912		160524			
0	0	0	0	36	588	11088		75600		185220			
0	9	0	0	0	2016		19908		124152		215271		
$n = 63, k = 15, d = 7$							$I = [1, 3, 5, 9, 11, 13, 23, 27, 31]$						
1	0	0	0	0	0	315		21		1764			
0	0	0	0	0	0	504		63		2457			
0	0	0	0	36	21	315		378		3906			
0	9	0	0	0	126	126		987		5355			
$n = 63, k = 18, d = 7$							$I = [1, 3, 5, 9, 11, 13, 23, 31]$						
1	0	0	0	0	63	819		3234		15750			
0	0	0	0	0	63	1575		6048		18774			
0	0	0	0	36	168	2394		7371		25011			
0	9	0	21	504	2331		9919		36981				
$n = 63, k = 27, d = 7$							$I = [1, 3, 5, 9, 11, 13, 27]$						
1	0	63	0	0	189	243936		2317035		9912672			
0	0	0	504	10584		388080		3315312		10372320			
0	0	1800	0	27048		740880		4845456		11755296			
0	9	0	63	110880		1390221		7709856		13966659			

$n = 63, k = 21, d = 7$							$I = [1, 3, 5, 9, 11, 13, 27, 31]$						
1	0	0	0	0	0	0	8820	20055	175392				
0	0	0	0	0	0	0	12348	34020	178164				
0	0	0	0	36	588	12348	72324	181692					
0	9	0	0	0	3528	14112	133476	201663					
$n = 63, k = 24, d = 7$							$I = [1, 3, 5, 9, 11, 13, 31]$						
1	0	0	0	0	252	29736	290325	1239336					
0	0	0	0	0	882	52542	402822	1314054					
0	0	0	0	36	4578	88578	615258	1453410					
0	9	0	0	210	12600	176274	961912	1745793					
$n = 63, k = 30, d = 7$							$I = [1, 3, 5, 9, 11, 15]$						
1	0	0	189	46431	1662444	19397385	77797566						
0	0	0	756	114156	3001656	26694360	82871712						
0	0	0	4068	283500	5751144	38984904	93951984						
0	9	0	15813	753165	11646054	60499852	113393763						
$n = 63, k = 28, d = 12$							$I = [1, 3, 5, 9, 11, 15, 21]$						
1	0	0	189	9639	341208	3990420	16034346						
0	0	0	0	38619	881460	8043840	24831828						
0	0	0	1647	84924	1720152	11705148	28189854						
0	0	0	4221	152145	2396268	12472432	23319387						
$n = 63, k = 22, d = 14$							$I = [1, 3, 5, 9, 11, 15, 21, 23]$						
1	0	0	0	945	6552	67914	216684						
0	0	0	0	2835	13320	125370	366660						
0	0	0	9	2772	25326	167328	476028						
0	0	0	189	2268	38934	175840	408177						
$n = 63, k = 19, d = 14$							$I = [1, 3, 5, 9, 11, 15, 21, 23, 27]$						
1	0	0	0	378	1260	6300	30456						
0	0	0	0	0	1539	15183	50463						
0	0	0	9	693	3213	21609	54747						
0	0	0	0	0	3780	26460	46053						

$n = 63, k = 25, d = 12$						
$I = [1, 3, 5, 9, 11, 15, 21, 27]$						
1	0	0	189	3591	73017	515025
0	0	0	0	44631	1047627	3318651
0	0	0	246333	267057	1395765	3337551
0	0	0	0	244755	1719459	2921940
$n = 63, k = 22, d = 14$						
$I = [1, 3, 5, 9, 11, 15, 21, 31]$						
1	0	0	0	0	7182	58842
0	0	0	0	567	12375	249318
0	0	0	72	945	25641	387891
0	0	0	252	1890	39942	433629
$n = 63, k = 24, d = 7$						
$I = [1, 3, 5, 9, 11, 15, 23]$						
1	0	0	0	4410	27342	322875
0	0	0	0	8820	43176	1087254
0	0	0	36	10584	84672	1245384
0	9	0	882	14994	192276	1565256
$n = 63, k = 21, d = 7$						
$I = [1, 3, 5, 9, 11, 15, 23, 27]$						
1	0	0	0	630	3906	33579
0	0	0	0	1260	5880	165816
0	0	0	36	1512	9576	46872
0	9	0	126	2142	19908	74088
$n = 63, k = 27, d = 7$						
$I = [1, 3, 5, 9, 11, 15, 27]$						
1	0	0	189	5166	201096	2396457
0	0	0	0	15624	351120	9835434
0	0	0	1296	38304	722232	10410624
0	9	0	3528	97713	1453662	11678184
$n = 63, k = 24, d = 7$						
$I = [1, 3, 5, 9, 11, 15, 31]$						
1	0	0	0	756	27342	303219
0	0	0	0	1701	44058	1201158
0	0	0	99	3654	88578	1291122
0	9	0	252	11970	186732	1459416
						1799847

$n = 63, k = 34, d = 11$							$I = [1, 3, 5, 9, 11, 21]$
1	0	0	4914	594657	21986118	255327240	1025632404
0	0	0	22176	2122848	57873024	512104320	1591531200
0	0	0	79200	5425056	110484864	748460160	1803735360
0	0	1134	198219	9993690	153196344	797714092	1493447571
$n = 63, k = 28, d = 12$							$I = [1, 3, 5, 9, 11, 21, 23]$
1	0	0	378	8442	342972	3993024	16024896
0	0	0	0	37107	884484	8056944	24774372
0	0	0	1143	81900	1747368	11633580	28280574
0	0	0	2856	158886	2384424	12478564	23325813
$n = 63, k = 25, d = 12$							$I = [1, 3, 5, 9, 11, 21, 23, 27]$
1	0	0	189	2079	42273	486633	2028879
0	0	0	0	1134	117207	1022931	3040443
0	0	0	387	12537	214137	1436085	3592323
0	0	0	0	16632	312795	1545243	2905308
$n = 63, k = 31, d = 12$							$I = [1, 3, 5, 9, 11, 21, 27]$
1	0	0	756	73269	2752848	31901016	128237976
0	0	0	3528	261072	7243200	64005984	198937872
0	0	0	9648	678888	13811616	93550464	225477504
0	0	0	24255	1256724	19123272	99761424	186630507
$n = 63, k = 25, d = 12$							$I = [1, 3, 5, 9, 11, 21, 27, 31]$
1	0	0	189	1323	42147	493563	2022201
0	0	0	0	5040	112293	992313	3130785
0	0	0	135	10395	214011	1473759	3498453
0	0	0	378	19782	295281	1573089	2892078
$n = 63, k = 28, d = 11$							$I = [1, 3, 5, 9, 11, 21, 31]$
1	0	0	189	11214	337869	3978912	16085502
0	0	0	504	38367	880452	8027712	24900372
0	0	0	2403	88452	1685880	11794860	28078470
0	0	189	4620	151893	2380392	12526822	23242653

$n = 63, k = 30, d = 7$							$I = [1, 3, 5, 9, 11, 23]$						
1	0	0	504	46935	1648269	19453161							77692860
0	0	0	1260	114660	2987208	26741736							82799136
0	0	0	3564	285684	5752152	38961720							94011120
0	9	189	13629	757764	11656134	60441598							113501619
$n = 63, k = 27, d = 7$							$I = [1, 3, 5, 9, 11, 23, 27]$						
1	0	0	0	189	4410	206136							2450217
0	0	0	756	11592	374976	3354120							9659034
0	0	0	1296	32340	726264	4854528							1032424
0	9	0	1764	92673	1471806	7511280							11778984
													14254065
$n = 63, k = 33, d = 7$							$I = [1, 3, 5, 9, 11, 27]$						
1	0	63	2772	354501	13396068	154875819							622953576
0	0	0	10080	874944	24155712	213280704							663264000
0	0	0	34560	2253216	46041408	311887296							751464000
0	9	756	118503	6084036	92940813	484501416							906473043
$n = 63, k = 27, d = 7$							$I = [1, 3, 5, 9, 11, 27, 31]$						
1	0	0	189	5418	213444	2397045							9780246
0	0	0	0	15246	375732	3326148							10377108
0	0	0	162	33852	728028	4862844							11738160
0	9	0	1512	95445	1449378	7589652							14119245
$n = 63, k = 30, d = 7$							$I = [1, 3, 5, 9, 11, 31]$						
1	0	0	378	42525	1681029	19357905							77839272
0	0	0	504	114408	3009384	26657064							82950840
0	0	0	4320	285936	5729976	39046392							93859416
0	9	189	15267	751590	11653614	60494518							113376375
$n = 63, k = 36, d = 7$							$I = [1, 3, 5, 9, 13]$						
1	0	63	22932	2886093	106830108	1240009995							4981930632
0	0	0	74592	7070112	192931200	1706979456							5305124160
0	0	0	266400	18068064	368323200	2494816128							6012474048
0	9	5292	962031	48559140	744005997	3874834936							725356379

$n = 63, k = 30, d = 7$		$I = [1, 3, 5, 9, 13, 15]$	
1	0	504	41895
0	0	504	113400
0	0	4320	284256
0	9	15309	753732
$n = 63, k = 28, d = 11$		$I = [1, 3, 5, 9, 13, 15, 21]$	
1	0	189	8694
0	0	0	37107
0	0	1647	86436
0	0	189	3276
$n = 63, k = 22, d = 14$		$I = [1, 3, 5, 9, 13, 15, 21, 31]$	
1	0	0	378
0	0	0	0
0	0	9	1638
0	0	0	2457
$n = 63, k = 24, d = 7$		$I = [1, 3, 5, 9, 13, 15, 31]$	
1	0	0	630
0	0	0	1827
0	0	36	4725
0	9	126	11970
$n = 63, k = 34, d = 11$		$I = [1, 3, 5, 9, 13, 21]$	
1	0	4914	594657
0	0	22176	2122848
0	0	79200	5425056
0	0	1134	198219
$n = 63, k = 31, d = 12$		$I = [1, 3, 5, 9, 13, 21, 27]$	
1	0	0	756
0	0	1260	275436
0	0	11916	664524
0	0	27279	1238580

$n = 63, k = 25, d = 12$							$I = [1, 3, 5, 9, 13, 21, 27, 31]$						
1	0	0	189	4662	71568	481152							1848258
0	0	0	1134	11340	151416	909720							3042900
0	0	0	1332	15246	213192	1351224							3739680
0	0	0	756	26649	273672	1497048							3136077
$n = 63, k = 28, d = 12$							$I = [1, 3, 5, 9, 13, 21, 31]$						
1	0	0	189	8820	339948	4013436							15968574
0	0	0	1134	30870	901872	8020656							24833340
0	0	0	1710	82278	1733760	11676672							28215180
0	0	0	2478	156429	2406348	12419596							23404437
$n = 63, k = 33, d = 7$							$I = [1, 3, 5, 9, 13, 27]$						
1	0	63	3528	342405	13452768	154754859							623070000
0	0	0	4032	917280	2402656	213534720							662925312
0	0	0	40608	2210880	46174464	311633280							751802688
0	9	0	130599	6027336	93061773	484384992							906473043
$n = 63, k = 27, d = 7$							$I = [1, 3, 5, 9, 13, 27, 31]$						
1	0	0	882	18522	321048	2273565							9238572
0	0	0	3528	35280	483840	3024000							10280592
0	0	0	5328	55272	733824	4487616							12348000
0	9	0	7056	142002	1401498	7113624							15134805
$n = 63, k = 30, d = 7$							$I = [1, 3, 5, 9, 13, 31]$						
1	0	0	882	41454	1664712	19447869							77638428
0	0	0	3906	101430	3014424	26711496							82816524
0	0	0	6966	268674	5785416	38931480							94017924
0	9	0	14196	749826	11699226	60342184							113613885
$n = 63, k = 36, d = 7$							$I = [1, 3, 5, 9, 15]$						
1	0	315	22680	2672145	100802520	1168084323							4693228848
0	0	0	70560	7622496	205234176	1819738368							5652472896
0	0	294624	19238688	392458752	2658523392	6407438016							6834082059
0	9	4536	909027	45719352	701090649	3650029936							

$n = 63, k = 34, d = 8$						
$I = [1, 3, 5, 9, 15, 21]$						
1	0	315	10647	697662	25014969	290893302
0	0	0	21924	2036412	50783760	457467696
0	0	0	103644	4826052	97930224	667718352
0	0	1701	267876	11348883	174228831	911658706
$n = 63, k = 28, d = 12$						
$I = [1, 3, 5, 9, 15, 21, 23]$						
1	0	0	189	10395	397656	4539780
0	0	0	0	32949	787968	7171668
0	0	0	1773	73584	1525860	10444896
0	0	0	4977	176337	2719836	14238448
$n = 63, k = 25, d = 12$						
$I = [1, 3, 5, 9, 15, 21, 23, 27]$						
1	0	0	189	5103	82593	593649
0	0	0	0	0	41607	939015
0	0	0	1017	20601	237573	1241541
0	0	0	0	0	271971	1972971
$n = 63, k = 19, d = 14$						
$I = [1, 3, 5, 9, 15, 21, 23, 27, 31]$						
1	0	0	0	189	1386	8442
0	0	0	0	0	1161	14553
0	0	0	9	0	4347	19089
0	0	0	0	0	3024	32382
$n = 63, k = 22, d = 14$						
$I = [1, 3, 5, 9, 15, 21, 23, 31]$						
1	0	0	0	189	5166	73080
0	0	0	0	378	14076	111510
0	0	0	9	1323	24948	159138
0	0	0	0	3213	38178	230272
$n = 63, k = 31, d = 8$						
$I = [1, 3, 5, 9, 15, 21, 27]$						
1	0	315	10080	296730	5150880	38017350
0	0	0	0	0	2557008	59708880
0	0	0	74160	1416240	15201648	79495920
0	0	0	0	0	17846703	125526240

$n = 63, k = 25, d = 14$							$I = [1, 3, 5, 9, 15, 21, 27, 31]$						
1	0	0	0	0	4914	78624			598752			2112480	
0	0	0	0	0	0	39717			932589			2955393	
0	0	0	1395	22491		236439			1241919			2975049	
0	0	0	0	0	0	279720			1959552			3338181	
$n = 63, k = 28, d = 13$							$I = [1, 3, 5, 9, 15, 21, 31]$						
1	0	0	0	0	11592	382347			4562271			18313623	
0	0	0	0	756	29232	804411			7135947			22113567	
0	0	0	1773	76545		1538145			10391409			25148151	
0	0	0	3591	181629		2698101			14303905			26520732	
$n = 63, k = 30, d = 7$							$I = [1, 3, 5, 9, 15, 23]$						
1	0	0	0	189	45171	1583820			18241209			73255518	
0	0	0	0	882	121338	3185616			28489104			88296516	
0	0	0	4194	294714		6116544			41622336			100042068	
0	9	0	14553	714861		10973718			56933548			106935003	
$n = 63, k = 27, d = 7$							$I = [1, 3, 5, 9, 15, 23, 27]$						
1	0	0	0	189	6678	200592			2261889			9196866	
0	0	0	0	0	16128	386652			3596796			11005596	
0	0	0	1044	35028		752724			5238324			12489372	
0	9	0	3528	91161		1342278			7179480			13304529	
$n = 63, k = 21, d = 7$							$I = [1, 3, 5, 9, 15, 23, 27, 31]$						
1	0	0	0	0	0	189			3528			35406	147420
0	0	0	0	0	378	5502			54873			177093	
0	0	0	36	0	189	11529			80640			193536	
0	9	0	0	0	1260	22617			110880			203490	
$n = 63, k = 24, d = 7$							$I = [1, 3, 5, 9, 15, 23, 31]$						
1	0	0	0	0	567	23499			292068			1120833	
0	0	0	126	2079		51996			449001			1367100	
0	0	0	162	4662		95067			653940			1566075	
0	9	0	0	9135		174195			877093			1701000	

$n = 63, k = 33, d = 7$						
$I = [1, 3, 5, 9, 15, 27]$						
1	0	315	10080	387513	12335400	145817091
0	0	0	19656	1119384	24735648	229011552
0	0	0	77400	2459016	48273120	334041120
0	9	1512	168651	5652864	86837625	459048240
$n = 63, k = 27, d = 7$						
$I = [1, 3, 5, 9, 15, 27, 31]$						
1	0	0	0	6300	185850	2282679
0	0	0	378	18018	380604	3578652
0	0	0	1422	39942	761796	5199012
0	9	0	2016	91350	1359288	717030
$n = 63, k = 30, d = 7$						
$I = [1, 3, 5, 9, 15, 31]$						
1	0	0	0	42903	1570842	18257211
0	0	0	1260	121338	3202122	28432530
0	0	0	5328	298242	6140358	41521662
0	9	0	13419	713286	10961244	57030190
$n = 63, k = 40, d = 7$						
$I = [1, 3, 5, 9, 21]$						
1	0	2205	360360	43369893	1605071160	18638881905
0	0	0	1249920	121129344	3298318848	29190680064
0	0	0	4464000	309552768	6296790528	42663301632
0	315	83160	14456631	729577800	11183329143	58232977264
$n = 63, k = 34, d = 11$						
$I = [1, 3, 5, 9, 21, 23]$						
1	0	0	0	4914	669249	25159302
0	0	0	22176	1921248	51417792	456168384
0	0	0	75168	4816224	98344512	666904896
0	0	1134	212331	11400858	174916728	909485164
$n = 63, k = 31, d = 12$						
$I = [1, 3, 5, 9, 21, 23, 27]$						
1	0	0	1134	79695	3157056	36347304
0	0	0	2016	240912	6418152	57086568
0	0	0	10152	593208	12342456	83225016
0	0	0	28161	1434006	21800520	113827056

$n = 63, k = 25, d = 14$		$I = [1, 3, 5, 9, 21, 23, 27, 31]$			
1	0	0	0	1071	51660
0	0	0	0	3024	107127
0	0	0	198	8883	885276
0	0	0	756	21546	18496
0	0	0	0	330813	1290177
0	0	0	0	1811544	3179358
0	0	0	0	3303468	2274642
$n = 63, k = 28, d = 13$		$I = [1, 3, 5, 9, 21, 23, 31]$			
1	0	0	0	9639	403956
0	0	0	378	30114	4554732
0	0	0	1710	794772	18309780
0	0	0	3045	1529892	7096572
0	0	0	181692	2746548	22180536
0	0	0	0	14247100	25150608
0	0	0	0	26521299	3303468
$n = 63, k = 37, d = 8$		$I = [1, 3, 5, 9, 21, 27]$			
1	0	504	46242	5384169	200826486
0	0	0	142128	15235920	412007616
0	0	0	572112	38599344	787381056
0	0	10206	1823283	91114506	5332404672
0	0	0	0	1398062736	14247100
$n = 63, k = 31, d = 12$		$I = [1, 3, 5, 9, 21, 27, 31]$			
1	0	0	567	88326	314204
0	0	0	2772	237888	36388380
0	0	0	8640	593460	6476112
0	0	0	28728	1409247	12309696
0	0	0	0	21829500	56952000
0	0	0	0	113834364	177164568
0	0	0	0	0	200866176
0	0	0	0	0	212850729
$n = 63, k = 34, d = 11$		$I = [1, 3, 5, 9, 21, 31]$			
1	0	0	5859	668619	25122447
0	0	0	22176	1885968	291146016
0	0	0	72144	4832352	1169955702
0	0	1323	217749	11440359	456132096
0	0	0	0	174657168	4117441536
0	0	0	0	909983494	1606403232
0	0	0	0	0	1703379951
$n = 63, k = 36, d = 7$		$I = [1, 3, 5, 9, 23]$			
1	0	189	19782	2651103	100824570
0	0	0	82152	7574616	205283232
0	0	0	299160	19345704	391872096
0	9	4914	886809	45801630	701130339
0	0	0	0	0	3649385908
0	0	0	0	0	6835338279

$I = [1, 3, 5, 9, 23, 27]$						
$n = 63, k = 33, d = 7$						
1	0	189	3402	313803	12670434	145911927
0	0	0	6804	970956	25552800	227763648
0	0	0	40860	2394084	49091616	332156160
0	9	378	111573	5748498	87522435	456418788
$I = [1, 3, 5, 9, 23, 27, 31]$						
$n = 63, k = 27, d = 7$						
1	0	0	0	4410	207018	2264745
0	0	0	126	13986	401247	3584133
0	0	0	729	36939	753543	5240277
0	9	0	1512	94122	1347318	7127862
$I = [1, 3, 5, 9, 23, 31]$						
$n = 63, k = 30, d = 7$						
1	0	0	378	38871	1575756	18199461
0	0	0	1764	119007	3213756	28513800
0	0	0	4635	308616	6123600	41667444
0	9	0	12369	718326	10912986	56960596
$I = [1, 3, 5, 9, 27]$						
$n = 63, k = 39, d = 7$						
1	0	1449	178920	21720573	805096152	9346227429
0	0	0	610848	60465888	1644112512	14553076608
0	0	0	2246112	154187040	3139581312	21268630656
0	135	40824	7268751	365782536	5608158507	29202138672
$I = [1, 3, 5, 9, 27]$						
$n = 63, k = 33, d = 7$						
1	0	0	2646	350028	12598866	146013861
0	0	0	11340	953064	25690896	227420928
0	0	0	34056	2383500	49065408	332356752
0	9	378	107730	5713470	87599106	456343188
$I = [1, 3, 5, 9, 31]$						
$n = 63, k = 36, d = 7$						
1	0	0	24003	2703708	100658061	1168316373
0	0	0	77868	7560756	205487856	1819152720
0	0	0	279252	19303116	392312592	2658850992
0	9	5481	901362	45736047	701066898	3650066938

$n = 63, k = 39, d = 7$							$I = [1, 3, 5, 11]$		
1	0	252	163254	22000797	810266562	9410334024	37802867004		
0	0	1162	623826	59886918	1633414062	14452568676	44916529140		
0	0	6678	2210958	153096090	3118317426	21122827740	50905728972		
0	72	36666	7330071	368348526	5646066804	29402385572	55042895691		
$n = 63, k = 33, d = 7$							$I = [1, 3, 5, 11, 13]$		
1	0	63	1974	351981	12613986	147166635	590460444		
0	0	28	9576	940464	25495932	225884232	701747424		
0	0	252	30528	2412312	48682620	330073128	795429936		
0	9	378	115311	5748750	88259661	45929484	860249187		
$n = 63, k = 27, d = 7$							$I = [1, 3, 5, 11, 13, 15]$		
1	0	0	189	5985	197064	2310861	9178218		
0	0	7	189	13356	394968	3557862	10917018		
0	0	0	540	33537	768411	5147856	12458544		
0	9	0	2331	89649	1382850	7144928	13504491		
$n = 63, k = 25, d = 9$							$I = [1, 3, 5, 11, 13, 15, 21]$		
1	0	0	189	1512	50526	551502	2266200		
0	0	7	189	3339	99126	914256	2796192		
0	0	0	261	7203	196497	1325898	3176712		
0	0	0	1008	21483	332514	1762082	3270519		
$n = 63, k = 19, d = 9$							$I = [1, 3, 5, 11, 13, 15, 21, 23]$		
1	0	0	0	0	693	8379	36000		
0	0	7	0	0	846	16002	42525		
0	0	0	9	21	3969	19152	50589		
0	0	0	0	630	5355	26117	51849		
$n = 63, k = 13, d = 9$							$I = [1, 3, 5, 11, 13, 15, 21, 23, 31]$		
1	0	0	0	0	0	378	27		
0	0	7	0	0	27	0	504		
0	0	0	9	21	0	0	1512		
0	0	0	0	63	0	602	945		

$n = 63, k = 21, d = 7$	$I = [1, 3, 5, 11, 13, 15, 23]$
1	0
0	0
0	0
0	99
0	0
0	0
$n = 63, k = 15, d = 7$	$I = [1, 3, 5, 11, 13, 15, 23, 31]$
1	0
0	0
0	7
0	0
0	99
0	0
0	9
$n = 63, k = 31, d = 9$	$I = [1, 3, 5, 11, 13, 21]$
1	0
0	7
0	2961
0	63
0	0
0	0
$n = 63, k = 25, d = 9$	$I = [1, 3, 5, 11, 13, 21, 23]$
1	0
0	0
0	63
0	0
0	0
$n = 63, k = 22, d = 10$	$I = [1, 3, 5, 11, 13, 21, 23, 27]$
1	0
0	0
0	63
0	0
0	0
$n = 63, k = 16, d = 10$	$I = [1, 3, 5, 11, 13, 21, 23, 27, 31]$
1	0
0	0
0	0
0	63
0	0

$n = 63, k = 19, d = 9$						
$I = [1, 3, 5, 11, 13, 21, 23, 31]$						
1	0	0	21	0	1890	7707
0	0	7	0	252	3639	5670
0	0	63	9	189	3717	16380
0	0	0	273	63	6741	21518
$n = 63, k = 28, d = 10$						
$I = [1, 3, 5, 11, 13, 21, 27]$						
1	0	0	21	9450	343980	3985716
0	0	0	693	30618	912771	7984368
0	0	63	450	88641	1715616	11714094
0	0	0	2772	158949	2384676	12480076
$n = 63, k = 22, d = 10$						
$I = [1, 3, 5, 11, 13, 21, 27, 31]$						
1	0	0	21	567	9261	58737
0	0	0	0	2268	17478	113211
0	0	63	9	1701	27153	170415
0	0	0	0	3780	33075	189343
$n = 63, k = 25, d = 9$						
$I = [1, 3, 5, 11, 13, 21, 31]$						
1	0	0	21	1323	50589	556941
0	0	7	0	4788	101226	908145
0	0	63	9	9513	190764	1323819
0	0	0	840	19908	330183	1777391
$n = 63, k = 27, d = 7$						
$I = [1, 3, 5, 11, 13, 23]$						
1	0	0	84	4788	195993	2311239
0	0	28	0	13293	402969	3529134
0	0	63	99	40362	754614	5158440
0	9	63	1848	90846	1374408	7178024
$n = 63, k = 24, d = 7$						
$I = [1, 3, 5, 11, 13, 23, 27]$						
1	0	0	21	126	26775	307209
0	0	21	0	945	49140	417123
0	0	63	36	3927	91980	603225
0	9	63	0	11781	184590	935578

$n = 63, k = 18, d = 7$							$I = [1, 3, 5, 11, 13, 23, 27, 31]$						
1	0	0	21	126	2205	1092							12033
0	0	21	0	378	3024	1386							18963
0	0	63	36	525	2205	2961							31878
0	9	63	0	1008	1197	6958							44919
$n = 63, k = 21, d = 7$							$I = [1, 3, 5, 11, 13, 23, 31]$						
1	0	0	84	378	5922	32844							122598
0	0	28	0	1008	12243	39816							168021
0	0	63	99	2625	13482	57960							224847
0	9	63	462	2772	19593	92225							251433
$n = 63, k = 30, d = 7$							$I = [1, 3, 5, 11, 13, 27]$						
1	0	63	21	43659	1685817	19313427							77971194
0	0	21	2205	102627	3038427	266632242							82930050
0	0	63	3879	282513	5755113	38986038							93925062
0	9	189	11277	783153	11548341	60686794							113168727
$n = 63, k = 24, d = 7$							$I = [1, 3, 5, 11, 13, 27, 31]$						
1	0	0	21	2961	39627	279489							1169154
0	0	21	0	6048	59031	375102							1292508
0	0	63	36	8652	89397	564354							1536948
0	9	63	567	18585	171486	900550							1873935
$n = 63, k = 27, d = 7$							$I = [1, 3, 5, 11, 13, 31]$						
1	0	0	84	4914	201411	2310105							9180864
0	0	28	0	14679	403347	3532032							10941336
0	0	63	99	38976	746172	5179734							12435822
0	9	63	1596	88452	1376046	7174118							13478913
$n = 63, k = 33, d = 7$							$I = [1, 3, 5, 11, 15]$						
1	0	0	2772	348075	12724425	147138033							590157036
0	0	7	8757	962136	25564980	225871506							701365014
0	0	0	33804	2374365	48581631	330258852							795685380
0	9	945	109305	5711832	88155774	459590894							860321763

$n = 63, k = 31, d = 9$							$I = [1, 3, 5, 11, 15, 21]$						
1	0	0	0	1701	92043	3103443	35905968	35905968	35905968	35905968	35905968	35905968	144237330
0	0	0	7	2457	256410	6538356	57796074	57796074	57796074	57796074	57796074	57796074	179510814
0	0	0	0	9774	613137	12316311	84772548	84772548	84772548	84772548	84772548	84772548	203443632
0	0	567	33957	1363257	21450240	112547078	112547078	112547078	112547078	112547078	112547078	112547078	209746719
$n = 63, k = 25, d = 9$							$I = [1, 3, 5, 11, 15, 21, 23]$						
1	0	0	0	0	0	1512	46872	46872	46872	46872	46872	46872	2238984
0	0	0	7	0	4914	102528	910602	910602	910602	910602	910602	910602	2769984
0	0	0	0	198	9408	194103	1306368	1306368	1306368	1306368	1306368	1306368	3221568
0	0	0	378	20664	328356	328356	1777832	1777832	1777832	1777832	1777832	1777832	3270645
$n = 63, k = 27, d = 7$							$I = [1, 3, 5, 11, 15, 23]$						
1	0	0	0	0	6804	192780	2348913	2348913	2348913	2348913	2348913	2348913	9086364
0	0	0	7	0	19089	375312	3606246	3606246	3606246	3606246	3606246	3606246	10847088
0	0	0	0	477	36624	747747	5170032	5170032	5170032	5170032	5170032	5170032	12489666
0	9	0	0	1134	89460	1388646	7112420	7112420	7112420	7112420	7112420	7112420	13590045
$n = 63, k = 37, d = 7$							$I = [1, 3, 5, 11, 21]$						
1	0	0	0	38955	5371254	197882181	22977803683	22977803683	22977803683	22977803683	22977803683	22977803683	9230978574
0	0	0	7	156555	15341697	417992133	3698408070	3698408070	3698408070	3698408070	3698408070	3698408070	11494598094
0	0	1953	568269	39167415	797985027	5405556618	13026833442	13026833442	13026833442	13026833442	13026833442	13026833442	13026833442
0	63	10017	1792308	89904087	1378816110	7179489674	13440780549	13440780549	13440780549	13440780549	13440780549	13440780549	13440780549
$n = 63, k = 31, d = 9$							$I = [1, 3, 5, 11, 21, 23]$						
1	0	0	0	1722	81963	3079314	35941584	35941584	35941584	35941584	35941584	35941584	144221076
0	0	0	7	3024	231588	6541527	57845970	57845970	57845970	57845970	57845970	57845970	179399052
0	0	63	8136	606060	12529503	84274722	203819868	203819868	203819868	203819868	203819868	203819868	28704186
0	0	378	27237	1420146	21476448	112294196	209938239	209938239	209938239	209938239	209938239	209938239	23217327
$n = 63, k = 28, d = 10$							$I = [1, 3, 5, 11, 21, 23, 27]$						
1	0	0	0	1344	17955	336672	3887184	3887184	3887184	3887184	3887184	3887184	16250688
0	0	0	0	0	7371	948807	8152956	8152956	8152956	8152956	8152956	8152956	24367644
0	0	63	3411	98028	1714860	11500146	11500146	11500146	11500146	11500146	11500146	11500146	28704186
0	0	0	189	133056	2497824	12378016	12378016	12378016	12378016	12378016	12378016	12378016	23217327

$n = 63, k = 34, d = 10$							$I = [1, 3, 5, 11, 21, 27]$						
1	0	0	5313	591255	21998781	2555300528						1025666802	
0	0	0	21483	2129022	57848643	512160264						1591449174	
0	0	63	79326	5421087	110504520	748409886						1803814740	
0	0	945	199521	9990477	153197856	797723794						1493421111	
$n = 63, k = 28, d = 10$							$I = [1, 3, 5, 11, 21, 27, 31]$						
1	0	0	210	13986	340956	3930528						16185168	
0	0	0	1512	38052	883035	7994196						24970176	
0	0	63	1584	81648	1713852	11776590						28036764	
0	0	0	3024	153342	2386440	12541060						23165541	
$n = 63, k = 31, d = 7$							$I = [1, 3, 5, 11, 21, 31]$						
1	0	0	2100	107352	3027780	35760459						144969768	
0	0	7	5796	267750	6379617	57959370						179793180	
0	0	441	14058	627480	12259863	85017870						202934088	
0	63	756	39270	1396836	21313782	112974344						208889793	
$n = 63, k = 33, d = 7$							$I = [1, 3, 5, 11, 23]$						
1	0	0	4557	332955	12629988	147298305						590058630	
0	0	28	14112	925029	25475079	226053324						701431164	
0	0	63	37773	2386860	48737808	3299331378						795713814	
0	9	1008	108633	5760405	8832094	459002180						860742099	
$n = 63, k = 30, d = 7$							$I = [1, 3, 5, 11, 23, 27]$						
1	0	0	2100	32571	1654065	19599825						77262444	
0	0	21	6048	9124	3008439	26810406						82612908	
0	0	63	10116	259644	5805261	38852226						94201884	
0	9	441	13545	738360	11787678	60066622						114055011	
$n = 63, k = 36, d = 7$							$I = [1, 3, 5, 11, 27]$						
1	0	63	22764	2887605	106824060	1240024107						4981909464	
0	0	21	74277	7071939	192925467	1706990418						5305110930	
0	0	63	265959	18069177	36832633	2494812726						6012483750	
0	9	5292	962199	48557628	744012045	3874820824						7253584947	

$n = 63, k = 30, d = 7$						
$I = [1, 3, 5, 11, 27, 31]$						
1	0	0	210	49707	1681911	19269705
0	0	21	2079	116865	3003147	26616114
0	0	63	3501	267771	5800473	38979990
0	9	63	10017	761670	11652102	60537106
$n = 63, k = 33, d = 7$						
$I = [1, 3, 5, 11, 31]$						
1	0	0	3738	343980	12688515	146858124
0	0	28	9954	935865	25554585	225671292
0	0	441	28449	2395302	48750912	330049062
0	72	819	108318	5773446	88162452	459614162
$n = 63, k = 39, d = 7$						
$I = [1, 3, 5, 13]$						
1	0	63	168168	22016673	810078696	9410835063
0	0	784	646128	59799600	1633452240	14452951968
0	0	7056	2188656	153183408	3118279248	2112444448
0	261	31752	7314195	368536392	5645565765	29402910992
$n = 63, k = 37, d = 7$						
$I = [1, 3, 5, 13, 21]$						
1	0	0	41979	5371254	197818677	2297997219
0	0	385	164493	15302007	418026531	3698532810
0	0	1575	560331	39207105	797950629	5405431878
0	63	6993	1792308	89967591	137862574	7179701354
$n = 63, k = 34, d = 9$						
$I = [1, 3, 5, 13, 21, 27]$						
1	0	0	4368	599949	21963060	255386712
0	0	189	19215	2140551	57815757	512218098
0	0	441	76491	5429403	110494881	748403082
0	0	756	202167	9975168	153247752	797620600
$n = 63, k = 28, d = 9$						
$I = [1, 3, 5, 13, 21, 27, 31]$						
1	0	0	1533	41076	547596	3922716
0	0	189	5670	111132	1148769	7389774
0	0	441	6624	135954	1685565	10803870
0	0	0	7182	202797	2230956	11881324

$n = 63, k = 31, d = 9$		$I = [1, 3, 5, 13, 21, 31]$	
1	0	0	1722
0	0	196	260064
0	0	441	568323
0	0	0	12386052
			84397194
			204457680
			210594447
$n = 63, k = 36, d = 7$		$I = [1, 3, 5, 13, 27]$	
1	0	63	18228
0	0	588	2928429
0	0	1764	106660764
0	9	5292	192770676
			1707286392
			5304753720
			6012745704
			7254156483
$n = 63, k = 30, d = 7$		$I = [1, 3, 5, 13, 27, 31]$	
1	0	0	4998
0	0	588	175518
0	0	1764	2432556
0	9	1764	345744
			3676932
			24534216
			81891936
			98960400
			121690989
$n = 63, k = 33, d = 7$		$I = [1, 3, 5, 13, 31]$	
1	0	0	5250
0	0	595	365274
0	0	1764	951111
0	9	1764	20286
			25587660
			226520406
			699594084
			796905270
			51300390372
$n = 63, k = 39, d = 7$		$I = [1, 3, 5, 13, 31]$	
1	0	504	156681
0	0	1582	21759444
0	0	6678	804342735
0	9	40131	20286
			1645941486
			3141611046
			21287934108
			54625204305
$n = 63, k = 37, d = 8$		$I = [1, 3, 5, 15, 21]$	
1	0	504	67158
0	0	1582	5917653
0	0	3780	199279206
0	0	20286	2333247336
			9385069644
			11320953336
			3648302028
			5336057160
			12818529108
			13632788043

$n = 63, k = 31, d = 9$						
$I = [1, 3, 5, 15, 21, 23]$						
1	0	0	1323	90720	3128013	36443232
0	0	259	2268	256599	6359625	57009834
0	0	189	9711	615468	12164355	83435058
0	0	189	30870	1418571	21817656	114162902
$n = 63, k = 28, d = 9$						
$I = [1, 3, 5, 15, 21, 23, 27]$						
1	0	0	189	10962	389529	4544001
0	0	63	189	31248	796221	7148043
0	0	0	1395	76356	1533042	10416735
0	0	0	3591	182952	2700747	14286643
$n = 63, k = 25, d = 9$						
$I = [1, 3, 5, 15, 21, 23, 31]$						
1	0	0	0	1134	48636	582372
0	0	7	189	3969	104481	893466
0	0	0	387	8778	191835	1281735
0	0	0	0	22932	324324	1831508
$n = 63, k = 34, d = 8$						
$I = [1, 3, 5, 15, 21, 27]$						
1	0	315	10458	687960	24989832	290986542
0	0	63	25326	2053359	50772168	457372062
0	0	0	105723	4849614	97912899	667601928
0	0	1008	258174	11334330	174289815	911712760
$n = 63, k = 28, d = 11$						
$I = [1, 3, 5, 15, 21, 27, 31]$						
1	0	0	0	10962	386505	4567374
0	0	0	0	33327	800442	7131222
0	0	0	1773	78246	1520442	10433934
0	0	63	4914	169722	2730546	14250040
$n = 63, k = 31, d = 9$						
$I = [1, 3, 5, 15, 21, 31]$						
1	0	0	756	95130	3086244	36476244
0	0	7	4536	239652	6346080	57074850
0	0	0	12168	607656	12246255	83272896
0	0	252	30996	1449756	21782628	114150176

$n = 63, k = 33, d = 7$							$I = [1, 3, 5, 15, 23]$						
1	0	0	2079	344484	12575745	146060229	585696006						
0	0	259	8253	972720	25672080	227713626	706953366						
0	0	252	33300	2417205	48979035	332778348	801693060						
0	9	189	110250	5682411	87589026	455796530	853888833						
$n = 63, k = 30, d = 7$							$I = [1, 3, 5, 15, 23, 27]$						
1	0	0	189	42084	1580670	18237807	73331496						
0	0	63	693	120141	3199413	28448784	88321716						
0	0	63	4383	300447	6124041	41569668	100083900						
0	9	0	14112	718011	10950912	57018850	106803459						
$n = 63, k = 27, d = 7$							$I = [1, 3, 5, 15, 23, 31]$						
1	0	0	0	5103	194481	2302545	9026199						
0	0	7	504	17010	396480	3616011	10928862						
0	0	0	1107	36246	762174	5234292	12557643						
0	9	0	567	87129	1363194	7082495	13496805						
$n = 63, k = 36, d = 7$							$I = [1, 3, 5, 15, 27]$						
1	0	315	21420	2686761	100624860	1168380675	4693488408						
0	0	63	76419	7628985	205343229	1819384182	5652481086						
0	0	441	290277	19272015	392626395	2657785914	6408202962						
0	9	3276	899451	45686844	701048313	3650628184	6833177883						
$n = 63, k = 30, d = 7$							$I = [1, 3, 5, 15, 27, 31]$						
1	0	0	441	40572	1572291	18304461	73190754						
0	0	0	504	126000	3188136	28469448	88285176						
0	0	0	3816	311472	6082776	41614776	100091208						
0	9	63	14490	704277	10991610	56939470	106939161						
$n = 63, k = 33, d = 7$							$I = [1, 3, 5, 15, 31]$						
1	0	0	2709	340326	12547773	145988661	585995634						
0	0	7	11466	943803	25652928	227755206	707077476						
0	0	0	34623	2420418	49076307	332618832	801630438						
0	9	441	107604	5750073	87514434	455811146	853686981						

$n = 63, k = 43, d = 7$							$I = [1, 3, 5, 21]$						
1	0	5733	2592408	349162821	12860555400	149362730265	6000007353840						
0	0	19600	9978192	966431088	26345942832	233119085472	724501804320						
0	0	105840	35636400	2469768336	50296799952	340712509536	821102044896						
0	819	598248	116387607	5845707000	89617638159	466672386320	873651266019						
$n = 63, k = 37, d = 7$							$I = [1, 3, 5, 21, 23]$						
1	0	0	40089	5462226	200931507	2333909235	9374592618						
0	0	259	158445	15177897	411305943	3642979662	11320234002						
0	0	2331	550629	38617425	785746143	5324010174	12829344066						
0	63	9639	1786512	91372365	1400567742	7290889046	13651788717						
$n = 63, k = 34, d = 9$							$I = [1, 3, 5, 21, 23, 27]$						
1	0	0	5691	671832	25083450	291258660	1169859186						
0	0	63	16758	1883952	51574095	456128946	1417248000						
0	0	63	71892	4834242	98410599	666477882	1606709412						
0	0	1134	236250	11390715	174659940	910077616	1703334213						
$n = 63, k = 28, d = 10$							$I = [1, 3, 5, 21, 23, 27, 31]$						
1	0	0	21	10458	390789	4645893	18201483						
0	0	0	0	29295	838116	7085169	21969549						
0	0	63	954	76167	1519371	10285065	25436187						
0	0	0	4347	173124	2669751	14459095	26422830						
$n = 63, k = 31, d = 9$							$I = [1, 3, 5, 21, 23, 31]$						
1	0	0	399	78939	3160773	36498252	146509866						
0	0	7	1701	240975	6457296	56823606	176843142						
0	0	252	9459	607005	12249027	83100780	200668734						
0	0	189	29001	1412775	21866292	114126110	213057243						
$n = 63, k = 40, d = 8$							$I = [1, 3, 5, 21, 27]$						
1	0	1386	332724	43426215	1605532068	18636592044	74875545576						
0	0	1764	1213380	121369500	3297357468	29193366888	90711651240						
0	0	17388	4497516	308797524	6299702388	42657596856	102819205944						
0	0	65268	14578137	729414756	11182670730	58235848552	109017028575						

$I = [1, 3, 5, 21, 27, 31]$						
$n = 63, k = 34, d = 9$						
1	0	0	4935	696969	25119549	291394488
0	0	189	19593	1923453	51674517	456018570
0	0	441	66033	4797765	9832777	666554994
0	0	441	223587	11313603	174593160	910490266
$I = [1, 3, 5, 21, 31]$						
$n = 63, k = 37, d = 7$						
1	0	0	41223	5469030	200976489	2333986851
0	0	196	155988	15088500	411975444	3642145416
0	0	1764	552708	38565828	785809332	5323505544
0	63	8757	1829604	91241955	1399992174	7292715794
$I = [1, 3, 5, 23]$						
$n = 63, k = 39, d = 7$						
1	0	756	154497	21774060	804029751	9339945321
0	0	1603	626787	60476661	1645197645	14566827870
0	0	7497	2236977	154526127	3141372591	21287986650
0	261	35595	7230594	3655720229	5603180814	29175937742
$I = [1, 3, 5, 23, 27]$						
$n = 63, k = 36, d = 7$						
1	0	189	16653	2693943	100713879	1168405959
0	0	84	78750	7562646	205389072	1819505520
0	0	504	297270	19281486	392205996	2659034952
0	9	5355	895041	45791361	700986195	3649914478
$I = [1, 3, 5, 23, 27, 31]$						
$n = 63, k = 30, d = 7$						
1	0	0	21	42210	1602909	18301647
0	0	21	630	118503	3218985	28684908
0	0	63	4257	303240	6022359	41833512
0	9	63	14742	720279	10826928	56982268
$I = [1, 3, 5, 23, 31]$						
$n = 63, k = 33, d = 7$						
1	0	0	2541	334278	12614238	145982865
0	0	28	8190	956529	25739616	227746008
0	0	252	33741	2429826	48904884	333044964
0	9	630	115752	5675481	87515190	455758436

$n = 63, k = 42, d = 7$						
$I = [1, 3, 5, 27]$						
1	0	3465	1279992	174845853	6438135816	74772431013
0	0	11424	4929120	482874336	13156494624	116417318976
0	0	54432	17817696	1233267168	25117793568	170148718656
0	135	307944	58295727	2926049112	44864639883	233619540112
$n = 63, k = 36, d = 7$						
$I = [1, 3, 5, 27, 31]$						
1	0	0	18921	2762172	100796031	1168657077
0	0	588	74340	7646940	205481556	1819632024
0	0	1764	267660	19224660	391908636	2659672008
0	9	4851	887922	45631341	700943922	3650153374
$n = 63, k = 39, d = 7$						
$I = [1, 3, 5, 31]$						
1	0	0	164136	21835485	804264804	9339058848
0	0	1351	623889	60328485	1646453235	14564774070
0	0	7623	2216817	154290885	3141868275	21287319606
0	72	36036	7296807	365442840	5602395960	29179019576
$n = 63, k = 45, d = 5$						
$I = [1, 3, 7]$						
1	0	14238	10156440	1397830707	51453968832	597583320852
0	63	91252	39966570	3864401352	105361058757	932259660948
0	252	493731	142629480	9874925466	201145759164	1362534397497
0	2016	2340576	465810933	23388037848	358552239822	1867119780512
$n = 63, k = 42, d = 6$						
$I = [1, 3, 7, 9]$						
1	0	1764	1278648	174524679	6431105520	74691520806
0	0	12915	4978512	482841450	13172214744	116545522905
0	63	58968	17854074	1234848048	25144736085	170335274256
0	126	289296	58337769	2923301304	44812799640	23336891968
$n = 63, k = 36, d = 8$						
$I = [1, 3, 7, 9, 11]$						
1	0	63	21294	2707992	99650880	1158336102
0	0	882	77175	7626276	207269415	1835298108
0	0	819	273420	19493691	395776962	2682094086
0	0	2520	905646	45318798	694927611	3617932024

$n = 63, k = 30, d = 11$						
$I = [1, 3, 7, 9, 11, 13]$						
1	0	0	189	46053	1534491	18143832
0	0	0	504	111384	3273840	28644336
0	0	0	3528	306600	6200208	41835024
0	0	63	18543	702513	10825416	56619766
$n = 63, k = 28, d = 11$						
$I = [1, 3, 7, 9, 11, 13, 21]$						
1	0	0	189	16317	376299	4657800
0	0	0	0	27216	809424	6958224
0	0	0	0	69552	1545264	10169712
0	0	63	5943	167265	2804760	14454118
$n = 63, k = 25, d = 12$						
$I = [1, 3, 7, 9, 11, 13, 21, 27]$						
1	0	0	189	2205	43722	590646
0	0	0	0	3024	104328	860832
0	0	0	0	7560	197568	1266552
0	0	0	441	22239	348642	1806630
$n = 63, k = 27, d = 12$						
$I = [1, 3, 7, 9, 11, 13, 27]$						
1	0	0	189	5481	189126	2277786
0	0	0	0	13104	414018	3570210
0	0	0	126	40782	767718	5241222
0	0	0	1953	91539	1341774	7091322
$n = 63, k = 30, d = 8$						
$I = [1, 3, 7, 9, 11, 15]$						
1	0	63	693	42840	1577835	18117414
0	0	126	441	128583	3265860	28688688
0	0	0	2583	300321	6164298	41865012
0	0	63	11214	704025	10761723	56784742
$n = 63, k = 28, d = 8$						
$I = [1, 3, 7, 9, 11, 15, 21]$						
1	0	63	315	12852	412839	4610970
0	0	0	378	29484	809172	7007868
0	0	0	0	70686	1490580	10260684
0	0	63	3654	182763	2706039	14635978

$n = 63, k = 22, d = 8$

1	0	63	315	4725	33831	152901	464625
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	630637	810054
0	0	0	0	0	0	0	

$n = 63, k = 19, d = 8$

1	0	63	126	1323	5292	14553	55566
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	74088	111132
0	0	0	0	0	0	0	

$I = [1, 3, 7, 9, 11, 15, 21, 23]$

$n = 63, k = 25, d = 8$

1	0	63	126	6048	82278	599004	2159514
0	0	0	0	0	40824	918288	2892456
0	0	0	0	22680	232848	1221192	2929248
0	0	0	0	0	278397	2007810	3386439
0	0	0	0	0	0	0	

$I = [1, 3, 7, 9, 11, 15, 21, 27]$

$n = 63, k = 24, d = 8$

1	0	63	315	4725	33831	152901	464625
0	0	126	63	13419	114159	627795	1874817
0	0	0	0	5292	121779	908901	2625105
0	0	0	0	0	0	630637	810054
0	0	0	0	0	0	0	

$I = [1, 3, 7, 9, 11, 15, 23]$

$n = 63, k = 21, d = 8$

1	0	63	126	1323	5292	14553	55566
0	0	126	63	5292	13233	60858	250173
0	0	0	0	5292	5292	112455	333648
0	0	0	0	0	0	74088	111132
0	0	0	0	0	0	0	

$I = [1, 3, 7, 9, 11, 15, 23, 27]$

$n = 63, k = 27, d = 8$

1	0	63	126	6048	195678	2255148	9120258
0	0	126	63	22302	387138	3607506	11117232
0	0	0	0	43281	743400	5286078	12609450
0	0	0	0	91224	1329741	7148106	13145895
0	0	0	0	0	0	0	

$I = [1, 3, 7, 9, 11, 21]$						
$n = 63, k = 34, d = 8$	1	0	63	7686	698418	25424910
	0	0	0	18270	1852578	50692824
	0	0	0	65394	4770990	9660168
	0	0	630	227640	11628414	177756579
$n = 63, k = 28, d = 8$	1	0	63	315	31563	734076
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	8841	364707	5402439
$n = 63, k = 25, d = 8$	1	0	63	126	16632	43848
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	1134	46494	651483
$n = 63, k = 31, d = 8$	1	0	63	693	96831	3138660
	0	0	0	2394	232092	6332760
	0	0	0	5292	599130	12104064
	0	0	0	28413	1454733	22210839
$n = 63, k = 30, d = 8$	1	0	63	315	31563	734076
	0	0	126	4221	204057	4646736
	0	0	252	10521	467061	9064818
	0	0	0	8841	364707	5402439
$n = 63, k = 27, d = 8$	1	0	63	126	16632	43848
	0	0	126	3465	48132	439785
	0	0	189	4284	67557	101198
	0	0	0	1134	46494	651483

$n = 63, k = 33, d = 8$						
$I = [1, 3, 7, 9, 11, 27]$						
1	0	63	1827	343035	12444012	144833682
0	0	126	11781	960939	25851150	229506480
0	0	378	31563	2448453	49429674	335351520
0	0	0	106281	5681403	86898231	452094972
$n = 63, k = 36, d = 6$						
$I = [1, 3, 7, 9, 13]$						
1	0	0	19971	2708559	99719739	1158025008
0	0	0	74718	7602651	207508248	1834614243
0	63	1008	275247	19471326	395797374	2682291528
0	0	4599	925113	45199287	695110752	36117989102
$n = 63, k = 34, d = 10$						
$I = [1, 3, 7, 9, 13, 21]$						
1	0	0	6111	696717	25475121	296473800
0	0	0	14364	1863162	50720922	447765192
0	0	378	69930	4745412	96624360	655145820
0	0	1197	234759	11577195	177870168	925828498
$n = 63, k = 31, d = 10$						
$I = [1, 3, 7, 9, 13, 21, 27]$						
1	0	0	1197	87066	3147732	37214940
0	0	0	756	229320	6373962	55872432
0	0	378	10584	597996	12014352	82060524
0	0	0	22428	1496565	22125852	115777284
$n = 63, k = 25, d = 15$						
$I = [1, 3, 7, 9, 13, 21, 27, 31]$						
1	0	0	0	1827	51282	578550
0	0	0	0	4662	98658	875574
0	0	0	0	8694	185346	1288854
0	0	0	63	22806	344610	1812678
$n = 63, k = 28, d = 14$						
$I = [1, 3, 7, 9, 13, 21, 31]$						
1	0	0	0	13041	386316	4663092
0	0	0	0	30366	789012	7002828
0	0	0	378	77868	1502676	10241532
0	0	0	4431	176148	2794428	14434084

$n = 63, k = 33, d = 6$	$I = [1, 3, 7, 9, 13, 27]$
1 0 0 4347 342342 12348252	145179804 580892634
0 0 0 4536 931896 26152857	228648231 714101220
0 63 945 44100 2422812 49302162	335954430 806697612
0 0 0 93240 5805891 86535036	452489100 847015785
$n = 63, k = 27, d = 13$	$I = [1, 3, 7, 9, 13, 27, 31]$
1 0 0 0 5733 195804	2272116 9055116
0 0 0 126 16632 408348	3574116 11142936
0 0 0 756 37002 763308	5261508 12611844
0 0 0 819 88452 1352988	7073556 13247703
$n = 63, k = 30, d = 10$	$I = [1, 3, 7, 9, 13, 31]$
1 0 0 0 47187 1537704	18131736 72658152
0 0 0 1260 117243 3245679	28672308 89085276
0 0 63 3339 305088 6195924	41871690 101034738
0 0 0 15141 706104 10854648	56543032 105844599
$n = 63, k = 36, d = 8$	$I = [1, 3, 7, 9, 15]$
1 0 63 22113 2699676 100492245	1167199110 4688226018
0 0 126 75411 7570710 205766445	1821461292 5658022062
0 0 2457 272286 19324431 392997654	2660597226 6415876236
0 0 4473 903042 45747261 699685371	3647542066 6825250593
$n = 63, k = 34, d = 8$	$I = [1, 3, 7, 9, 15, 21]$
1 0 63 13041 743526 24851547	291960270 1173628890
0 0 0 22302 2019024 50790474	456228864 1413682956
0 0 1890 79632 4859190 97727616	666119412 1602387360
0 0 1071 262332 11414277 174430179	913983910 1704726765
$n = 63, k = 31, d = 8$	$I = [1, 3, 7, 9, 15, 21, 27]$
1 0 63 11340 329238 5048316	38209626 135775332
0 0 0 0 0 2542806	59586660 188633340
0 0 1890 54684 1425060 15282540	79089192 190123668
0 0 0 0 0 17905671	125776980 213945417

$n = 63, k = 25, d = 12$						
$I = [1, 3, 7, 9, 15, 21, 27, 31]$						
1	0	0	315	6426	79569	600138
0	0	0	0	0	41202	934794
0	0	0	378	20034	241542	1221822
0	0	0	0	0	274050	1976247
$n = 63, k = 28, d = 11$						
$I = [1, 3, 7, 9, 15, 21, 31]$						
1	0	0	315	13671	384804	4584321
0	0	0	378	29358	797832	7111692
0	0	0	378	75978	1522836	10381896
0	0	63	4032	182574	2715363	14325073
$n = 63, k = 33, d = 8$						
$I = [1, 3, 7, 9, 15, 27]$						
1	0	63	11340	393624	12304026	145673766
0	0	126	18333	1093995	24762342	229376448
0	0	1890	68859	2448621	48410586	334351584
0	0	3402	170478	5668740	86785083	458223948
$n = 63, k = 27, d = 12$						
$I = [1, 3, 7, 9, 15, 27, 31]$						
1	0	0	315	6426	193725	2252502
0	0	0	630	19719	392430	3578841
0	0	0	756	37170	766143	5223078
0	0	0	1512	84168	1353870	7156611
$n = 63, k = 30, d = 10$						
$I = [1, 3, 7, 9, 15, 31]$						
1	0	0	315	44541	1587600	18210969
0	0	0	1575	120960	3224280	28398825
0	0	63	3591	294966	6127947	41607405
0	0	63	12726	707490	10953243	57013621
$n = 63, k = 40, d = 8$						
$I = [1, 3, 7, 9, 21]$						
1	0	1008	374850	44034417	1605216438	18687996264
0	0	1134	1154790	120786498	3294581850	29113406028
0	0	19026	4631130	307794942	6283293030	42577368372
0	0	54558	14208411	732958506	11204687592	58362112396

$n = 63, k = 37, d = 8$						
$I = [1, 3, 7, 9, 21, 27]$						
1	0	252	52794	5450445	200930310	2335226880
0	0	0	140868	15162336	411612012	3639436416
0	0	4284	566496	38472084	785490048	5322069144
0	0	7182	1759527	91669410	1400470596	7295672076
$n = 63, k = 31, d = 11$						
$I = [1, 3, 7, 9, 21, 27, 31]$						
1	0	0	1449	90153	3167766	36479352
0	0	0	1134	242550	6451452	56791476
0	0	0	6426	590058	12238380	83216196
0	0	378	28035	1414161	21901320	114054360
$n = 63, k = 34, d = 10$						
$I = [1, 3, 7, 9, 21, 31]$						
1	0	0	5985	710955	25067385	292234656
0	0	0	16254	1870848	51428034	454735008
0	0	378	66528	4784598	98157024	664930980
0	0	1197	227829	11487357	175149072	912109114
$n = 63, k = 39, d = 6$						
$I = [1, 3, 7, 9, 27]$						
1	0	252	163926	21639051	804840750	9334034598
0	0	2142	619101	60336675	1646660151	14567800023
0	63	12411	2236815	154330113	3142954332	21292476030
0	126	41958	7220493	3655825502	5600268576	29173572204
$n = 63, k = 33, d = 9$						
$I = [1, 3, 7, 9, 27, 31]$						
1	0	0	2583	331821	12600252	145700436
0	0	126	9702	961191	25831494	227352132
0	0	378	35091	2413866	49131558	332715600
0	0	756	108171	56558723	87508764	456061704
$n = 63, k = 36, d = 9$						
$I = [1, 3, 7, 9, 31]$						
1	0	0	17703	2730735	100348983	1166673648
0	0	315	77679	7543053	206114625	1821064014
0	0	1197	283689	19297131	393272775	2661398082
0	0	3843	919065	45579051	699848352	3646661158

$n = 63, k = 39, d = 5$						
$I = [1, 3, 7, 11]$						
1	0	819	153615	21860874	802989117	9329025846
0	63	2170	630630	60581178	1647093045	14581934388
0	0	7875	2217474	154531734	3145612050	21310579017
0	0	33705	7219632	365176539	5597475975	29143925930
$n = 63, k = 33, d = 9$						
$I = [1, 3, 7, 11, 13]$						
1	0	0	1785	347193	12530763	145783848
0	0	217	8883	948339	25735377	227844666
0	0	189	34839	2407839	49178493	332926146
0	0	63	1160677	5696397	87472728	455371238
$n = 63, k = 31, d = 9$						
$I = [1, 3, 7, 11, 13, 21]$						
1	0	0	1533	91665	3102435	36663312
0	0	196	2520	229383	6451725	56714364
0	0	189	9639	574308	12357576	82841598
0	0	63	34419	1380393	22090320	113905358
$n = 63, k = 28, d = 12$						
$I = [1, 3, 7, 11, 13, 21, 27]$						
1	0	0	210	13482	389466	4634238
0	0	0	378	26082	810054	6955830
0	0	0	756	68796	1537074	10194786
0	0	0	5418	170352	2800098	14456638
$n = 63, k = 30, d = 9$						
$I = [1, 3, 7, 11, 13, 27]$						
1	0	0	210	43092	1562904	18073524
0	0	21	945	125811	3221172	28675458
0	0	0	4599	300153	6189561	41930532
0	0	0	13734	699426	10901268	56462392
$n = 63, k = 33, d = 8$						
$I = [1, 3, 7, 11, 15]$						
1	0	63	1764	354942	12520620	145876206
0	0	133	10269	943299	25733739	227987298
0	0	63	32823	2404353	49153545	332923878
0	0	252	111636	5726196	87353091	455483672

$n = 63, k = 31, d = 8$						
$I = [1, 3, 7, 11, 15, 21]$						
1	0	63	315	100611	3090528	36607914
0	0	7	4788	240345	6389208	56870478
0	0	0	12285	597324	12211227	176367744
0	0	252	28665	1446795	21756735	83064744
						200064186
						213347547
$n = 63, k = 25, d = 8$						
$I = [1, 3, 7, 11, 15, 21, 23]$						
1	0	63	315	4725	33831	704025
0	0	7	252	3969	105777	2546649
0	0	0	0	8715	163674	2305989
0	0	0	756	25704	311724	2886219
						3615570
$n = 63, k = 22, d = 8$						
$I = [1, 3, 7, 11, 15, 21, 23, 27]$						
1	0	63	126	1323	5292	152334
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	189	6426	77931	464884
						812511
$n = 63, k = 28, d = 8$						
$I = [1, 3, 7, 11, 15, 21, 27]$						
1	0	63	126	12537	392994	4620420
0	0	0	378	29232	788382	18665766
0	0	0	378	76356	1510866	21740922
0	0	0	4221	185220	2743965	10222506
						24679998
						26975529
$n = 63, k = 27, d = 8$						
$I = [1, 3, 7, 11, 15, 23]$						
1	0	63	441	8694	185472	2219826
0	0	133	315	17388	403644	8328474
0	0	0	0	34419	773829	11409930
0	0	0	1512	92421	1212687	13490988
						2328564
						12686625
$n = 63, k = 24, d = 8$						
$I = [1, 3, 7, 11, 15, 23, 27]$						
1	0	63	126	1323	5292	152334
0	0	126	63	5292	59160	576072
0	0	0	0	10395	127386	2057454
0	0	0	189	6426	77931	2328564
						812511

$n = 63, k = 30, d = 8$						
$I = [1, 3, 7, 11, 15, 27]$						
1	0	63	504	41643	1559376	18083394
0	0	126	1134	117306	3246015	286662732
0	0	63	1890	314874	6165558	41926122
0	0	0	12537	720216	10819431	56600656
$n = 63, k = 37, d = 8$						
$I = [1, 3, 7, 11, 21]$						
1	0	630	42987	5583501	200729655	2340311484
0	0	196	143325	15046290	411218913	3632962032
0	0	1701	570402	38364921	784464156	5312091834
0	0	6867	1784559	91809711	1402686558	7308438326
$n = 63, k = 31, d = 8$						
$I = [1, 3, 7, 11, 21, 23]$						
1	0	630	1029	197001	3095001	41578572
0	0	7	2898	223587	5600280	49668318
0	0	0	5103	506898	10812123	72792216
0	0	189	38955	1644993	24225390	129237290
$n = 63, k = 28, d = 8$						
$I = [1, 3, 7, 11, 21, 23, 27]$						
1	0	630	840	132363	352800	9522660
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	9261	370440	5217030	29360800
$n = 63, k = 34, d = 8$						
$I = [1, 3, 7, 11, 21, 27]$						
1	0	630	3108	767403	25213860	296766372
0	0	17136	1852704	50734656	447858432	1392658848
0	0	0	54432	4726512	96961536	654308928
0	0	756	229005	11627028	177653574	926331112
$n = 63, k = 33, d = 5$						
$I = [1, 3, 7, 11, 23]$						
1	0	630	2730	431487	11350962	137148564
0	63	847	35091	1216845	26017176	243988038
0	0	1386	64953	2656311	51075675	356097231
0	0	378	108129	5376546	81773622	428309588

$I = [1, 3, 7, 11, 23, 27]$						
$n = 63, k = 30, d = 5$						
1	0	630	840	132363	352800	9522660
0	63	840	27090	388080	3515949	44840880
0	0	1323	35280	539490	8132040	64987209
0	0	0	9261	370440	5217030	29360800
$I = [1, 3, 7, 11, 27]$						
$n = 63, k = 36, d = 5$						
1	0	630	13692	2727963	99676332	1158312036
0	63	840	87318	7720272	206762265	1836052848
0	0	1575	275184	19484598	395651592	2682596385
0	0	2268	842877	45460044	695140614	3616972408
$I = [1, 3, 7, 13]$						
$n = 63, k = 39, d = 6$						
1	0	189	153300	21802095	802986912	9329679723
0	0	2044	607383	60526053	1647360669	14582062467
0	63	9513	2223081	154668003	3145150386	21310699914
0	189	37296	7277529	365120532	5597071515	29144556560
$I = [1, 3, 7, 13, 21]$						
$n = 63, k = 37, d = 9$						
1	0	0	43365	5487867	200983797	2340472512
0	0	574	137907	15064056	411059019	3633441588
0	0	3591	583632	38487015	783728190	5313348558
0	0	6489	1793253	91805553	1402830576	7307605970
$I = [1, 3, 7, 13, 21, 27]$						
$n = 63, k = 34, d = 10$						
1	0	0	4809	680841	25462899	296694552
0	0	0	17766	1803942	50806476	448054488
0	0	756	75222	4765446	96591096	654842160
0	0	567	237699	11696013	177365160	926534854
$I = [1, 3, 7, 13, 21, 27, 31]$						
$n = 63, k = 28, d = 12$						
1	0	0	588	10269	417816	4624032
0	0	0	0	29736	811944	7003080
0	0	0	0	71064	1490328	10257912
0	0	0	4095	177156	2735712	14562856

$n = 63, k = 31, d = 9$						$I = [1, 3, 7, 13, 21, 31]$					
1	0	0	588	88515	3138912	36630048	36630048	36630048	36630048	36630048	146624184
0	0	7	2520	230391	6448512	56806974	56806974	56806974	56806974	56806974	176338512
0	0	0	8883	599256	12223323	83018880	83018880	83018880	83018880	83018880	200145078
0	0	0	28749	1437660	21852432	114285248	114285248	114285248	114285248	114285248	213833151
$n = 63, k = 36, d = 6$						$I = [1, 3, 7, 13, 27]$					
1	0	0	16023	2686383	99669591	1158488688	1158488688	1158488688	1158488688	1158488688	4651590510
0	0	147	78813	7502040	207616545	1835330049	1835330049	1835330049	1835330049	1835330049	5701648554
0	63	1701	287784	19496505	395787357	2681554554	2681554554	2681554554	2681554554	2681554554	6464782800
0	0	5859	909657	45515547	693937440	3619606438	3619606438	3619606438	3619606438	3619606438	6773225319
$n = 63, k = 30, d = 9$						$I = [1, 3, 7, 13, 27, 31]$					
1	0	0	588	40005	1589112	18115104	18115104	18115104	18115104	18115104	72570960
0	0	21	1386	126441	3265776	28688562	28688562	28688562	28688562	28688562	88884180
0	0	0	4725	296562	6151257	41910624	41910624	41910624	41910624	41910624	101203074
0	0	0	11655	699300	10787616	56719432	56719432	56719432	56719432	56719432	105804531
$n = 63, k = 33, d = 9$						$I = [1, 3, 7, 13, 31]$					
1	0	0	1785	339633	12576627	145811064	145811064	145811064	145811064	145811064	585315738
0	0	28	10143	948150	25779603	227845296	227845296	227845296	227845296	227845296	707794542
0	0	63	37926	2402547	49107492	332999982	332999982	332999982	332999982	332999982	802655028
0	0	567	111531	5697405	87381000	455558726	455558726	455558726	455558726	455558726	852592419
$n = 63, k = 39, d = 8$						$I = [1, 3, 7, 15]$					
1	0	63	147546	21813372	803842704	9337900278	9337900278	9337900278	9337900278	9337900278	37508202396
0	0	1834	621369	60401124	1646011461	14567214060	14567214060	14567214060	14567214060	14567214060	45270277794
0	0	10521	2245068	154400421	3142652058	21289530402	21289530402	21289530402	21289530402	21289530402	51307684512
0	0	36792	7270578	365527386	5602350411	29173366376	29173366376	29173366376	29173366376	29173366376	54616398417
$n = 63, k = 37, d = 8$						$I = [1, 3, 7, 15, 21]$					
1	0	63	67095	5980842	198679257	2335199454	2335199454	2335199454	2335199454	2335199454	9386485542
0	0	952	214200	15652224	408126096	3645713232	3645713232	3645713232	3645713232	3645713232	11321435664
0	0	9072	735840	39011448	780390072	5335614144	5335614144	5335614144	5335614144	5335614144	12811786848
0	0	15813	2110752	91246995	1396403379	7307013266	7307013266	7307013266	7307013266	7307013266	13637584485

$n = 63, k = 34, d = 8$	$I = [1, 3, 7, 15, 21, 27]$					
1	0	63	12285	734769	24902388	291840066
0	0	0	19656	2021418	50754186	456259104
0	0	1890	84546	4848984	97704432	666291780
0	0	1512	266679	11409741	174505527	913762780
$n = 63, k = 31, d = 9$	$I = [1, 3, 7, 15, 21, 31]$					
1	0	0	882	101241	3083913	36573705
0	0	7	3024	241290	6435324	56923209
0	0	189	9639	605829	12201588	83274219
0	0	504	32634	1425249	21704571	114511859
$n = 63, k = 36, d = 8$	$I = [1, 3, 7, 15, 27]$					
1	0	63	22869	2677941	100634436	1166827914
0	0	126	66591	7598871	205650588	1821467088
0	0	2016	279783	19301751	392927850	2661135372
0	0	6048	913059	45697869	700004655	3646824244
$n = 63, k = 33, d = 9$	$I = [1, 3, 7, 15, 31]$					
1	0	0	1638	357336	12543426	146146476
0	0	7	8757	941913	25751127	227456838
0	0	315	31941	2398809	49057155	332464734
0	0	882	114786	5708934	87500700	456300908
$n = 63, k = 43, d = 6$	$I = [1, 3, 7, 21]$					
1	0	5922	2895564	352095471	12839471820	149473311708
0	0	10465	9173304	965870262	26364463104	232956676827
0	189	175392	37255302	2462665464	50276307879	340691272992
0	0	435708	113985921	5862336732	89615286306	466802415800
$n = 63, k = 40, d = 8$	$I = [1, 3, 7, 21, 27]$					
1	0	2709	398307	43650684	1607220909	18682382586
0	0	1134	1130850	120778434	3294941454	29112660108
0	0	32886	4578714	307755882	6283829286	42576265116
0	0	53865	14224266	733296879	11202284961	58368784474

$n = 63, k = 34, d = 11$						
$I = [1, 3, 7, 21, 27, 31]$						
1	0	0	10101	734076	25313148	291763164
0	0	0	17010	1895418	51505776	454697712
0	0	0	56322	4675482	98076384	665584416
0	0	1008	222390	11430405	175098924	912212812
$n = 63, k = 37, d = 9$						
$I = [1, 3, 7, 21, 31]$						
1	0	0	46389	5575122	200772054	2335249308
0	0	196	139797	15058575	411992868	3639792996
0	0	3024	566055	38314269	785631168	5323467492
0	0	6930	1798356	91608741	1400227164	7293974912
$n = 63, k = 42, d = 5$						
$I = [1, 3, 7, 27]$						
1	0	5355	1322139	173934684	6436155285	74673200784
0	63	20874	5015241	482406939	13175692470	116533501119
0	63	84672	17656695	1234749621	25145150184	170339918427
0	882	335601	57682170	2926005831	44804559555	233387452522
$n = 63, k = 36, d = 9$						
$I = [1, 3, 7, 27, 31]$						
1	0	0	20307	2709378	100680804	1166457180
0	0	651	94248	7726194	206163891	1820418642
0	0	1323	281862	19255908	392857227	2662136442
0	0	2520	834372	45389547	700106652	3647213164
$n = 63, k = 39, d = 8$						
$I = [1, 3, 7, 31]$						
1	0	189	154182	21877254	804301092	9336337122
0	0	1792	637182	60597684	1646573862	14566100976
0	0	8190	2238516	154087206	3142961136	21290736348
0	0	34524	7211316	365047830	5602512321	29174056688
$n = 63, k = 48, d = 5$						
$I = [1, 3, 9]$						
1	0	115605	81382392	11179473669	411650432424	4780825838985
0	378	718830	319688460	30913475796	842859579870	7457872533930
0	3654	3881682	1141744500	79001104812	1609095561570	10899967549590
0	16515	18780552	3726491223	187113832920	2868495503391	14937409328464

$I = [1, 3, 9, 11]$						
$n = 63, k = 42, d = 6$						
1	0	1449	1279278	174880251	6438013218	74772569991
0	0	10773	5024250	482459544	13157021934	116417638701
0	63	61110	17794512	1233262338	25118069823	170147694780
0	513	286650	58247301	2926721574	44862754671	233622016516
$I = [1, 3, 9, 11, 13]$						
$n = 63, k = 36, d = 7$						
1	0	63	20790	2723553	100520910	1168721211
0	0	0	78750	7492716	205715790	1818967248
0	0	1638	265644	19382118	392163408	2658837132
0	9	3654	932547	45698814	700933149	3650325868
$I = [1, 3, 9, 11, 13, 21]$						
$n = 63, k = 34, d = 10$						
1	0	0	5859	688275	25069527	291152064
0	0	0	21105	1897434	51542217	455973336
0	0	189	65466	4829517	98427672	666645210
0	0	819	225309	11373831	174848688	909774838
$I = [1, 3, 9, 11, 13, 21, 27]$						
$n = 63, k = 31, d = 10$						
1	0	0	378	91539	3121146	36372504
0	0	0	2772	231273	6464205	56984508
0	0	189	7065	595728	12360348	83198430
0	0	378	25893	1442826	21765240	113916012
$I = [1, 3, 9, 11, 13, 21, 27]$						
$n = 63, k = 33, d = 7$						
1	0	63	2646	335601	12611718	145898571
0	0	0	11214	918792	25783506	227254608
0	0	378	33048	2411094	49074480	332263764
0	9	1134	108675	5766894	87412941	456722700
$I = [1, 3, 9, 11, 15]$						
$n = 63, k = 36, d = 6$						
1	0	63	20034	2730987	100903194	1168524945
0	0	315	74970	7675290	205266558	1820272041
0	63	1638	277866	19180098	392051709	2659241340
0	135	1890	893781	45662778	700823529	3650294788
$I = [1, 3, 9, 11, 15]$						
$n = 63, k = 34, d = 6$						
1	0	63	20034	2730987	100903194	1168524945
0	0	315	74970	7675290	205266558	1820272041
0	63	1638	277866	19180098	392051709	2659241340
0	135	1890	893781	45662778	700823529	3650294788

$n = 63, k = 34, d = 6$							$I = [1, 3, 9, 11, 15, 21]$						
1	0	63	10521	730422	24963939		291309102		1170531018				
0	0	189	25137	2059974	50897853		457496613		1415831634				
0	63	945	89406	4834557	97777071		667706130		16066636332				
0	0	567	259308	11294829	174049155		912170518		1701259245				
$n = 63, k = 28, d = 6$							$I = [1, 3, 9, 11, 15, 21, 23]$						
1	0	63	1638	41013	543564		3935358		14643432				
0	0	189	6804	107163	1149966		7402941		24198804				
0	63	378	6183	137592	1683423		10800216		30003750				
0	0	0	8127	198450	2239083		11871412		25238115				
$n = 63, k = 25, d = 6$							$I = [1, 3, 9, 11, 15, 21, 23, 27]$						
1	0	63	1449	17199	86373		437535		1847691				
0	0	0	0	0	91125		1003590		3175767				
0	63	378	2781	30429	231903		13488933		3552255				
0	0	0	0	0	255150		1630503		3064068				
$n = 63, k = 31, d = 6$							$I = [1, 3, 9, 11, 15, 21, 27]$						
1	0	63	9576	331506	5079816		38079846		135396792				
0	0	0	0	0	2560977		59744223		188975052				
0	63	945	61812	1406412	15265530		79423974		190480500				
0	0	0	0	0	17824779		125542872		213557085				
$n = 63, k = 30, d = 6$							$I = [1, 3, 9, 11, 15, 23]$						
1	0	63	5040	175770	2423169		18592245		73235484				
0	0	315	19341	343980	3667125		24568425		81845442				
0	63	945	29268	496881	5777037		35919450		98989968				
0	135	945	53172	1112076	11379501		56453110		121781961				
$n = 63, k = 27, d = 6$							$I = [1, 3, 9, 11, 15, 23, 27]$						
1	0	63	1449	28539	251370		2287845		9569826				
0	0	126	5733	55188	389046		3094875		10410246				
0	63	378	8856	69741	656208		4661496		12105324				
0	135	378	11025	121149	1368549		7417620		14593635				

$n = 63, k = 33, d = 6$						
$I = [1, 3, 9, 11, 15, 27]$						
1	0	63	9576	411453	12334266	145798569
0	0	126	18207	1141875	24706101	229037319
0	63	945	67887	2445723	48250188	334209834
0	135	378	170919	5612544	86933889	458880156
$n = 63, k = 40, d = 6$						
$I = [1, 3, 9, 11, 21]$						
1	0	441	321615	43655472	1604459241	18638937282
0	0	2898	1263339	120899331	3299101245	29189763855
0	63	14553	4439871	309234807	6298293456	42660493722
0	0	71253	14523726	729632043	11182317237	58235682610
$n = 63, k = 34, d = 6$						
$I = [1, 3, 9, 11, 21, 23]$						
1	0	63	12600	591192	21906990	255448326
0	0	252	24948	2073519	57993354	512227611
0	63	378	71955	5353740	111008394	747163116
0	0	1134	210126	9987264	153028827	798195412
$n = 63, k = 31, d = 6$						
$I = [1, 3, 9, 11, 21, 23, 27]$						
1	0	63	10710	143640	2692872	31097766
0	0	0	0	59535	7586298	65236563
0	63	378	26595	786744	13717998	91992348
0	0	0	1134	1067094	19974843	99036168
$n = 63, k = 37, d = 6$						
$I = [1, 3, 9, 11, 21, 27]$						
1	0	63	46242	5456808	200427948	2330172390
0	0	0	158760	15102927	412245378	3649632147
0	63	1890	542691	38650752	787672494	5331115692
0	0	6804	1822590	91331730	1397156859	7280576016
$n = 63, k = 36, d = 6$						
$I = [1, 3, 9, 11, 23]$						
1	0	63	31878	2835567	106688610	1241403681
0	0	378	107415	6997851	192703329	1708017759
0	63	1197	297207	17903571	368720856	2494027746
0	135	6426	937209	48420414	745283385	3871308196

$n = 63, k = 33, d = 6$						
$I = [1, 3, 9, 11, 23, 27]$						
1	0	63	16380	262899	13226976	156800721
0	0	126	48825	729099	24062787	214506999
0	63	567	79479	2079021	46450908	310783158
0	135	3024	109053	5911164	94281705	480569712
$n = 63, k = 39, d = 6$						
$I = [1, 3, 9, 11, 27]$						
1	0	315	162036	21743127	805136472	9346299753
0	0	882	629433	60370695	1644154659	14553467775
0	63	6615	2260035	154129773	3139547040	21268691766
0	135	33768	7268625	365947092	5607724437	29202417888
$n = 63, k = 42, d = 6$						
$I = [1, 3, 9, 13]$						
1	0	1575	1276002	174869667	6438138462	74772235965
0	0	11025	5009382	482517756	13156996482	116417383173
0	63	60858	17809380	1233204126	25118095275	170147950308
0	387	289926	58257885	2926596330	44863088697	233621666236
$n = 63, k = 40, d = 8$						
$I = [1, 3, 9, 13, 21]$						
1	0	315	324009	43559838	1604829807	18638589270
0	0	3465	1259181	120992319	3298761171	29190029274
0	0	14679	4456755	309296673	6297648525	42662117862
0	0	70371	14514276	729547245	11182989951	58234069054
$n = 63, k = 37, d = 8$						
$I = [1, 3, 9, 13, 21, 27]$						
1	0	315	40320	5370624	200841858	2329679982
0	0	378	146727	15196860	411986007	3649749516
0	0	1827	580932	38627883	787176810	5332571622
0	0	7938	1826118	91202328	1397808279	7279169100
$n = 63, k = 31, d = 12$						
$I = [1, 3, 9, 13, 21, 27, 31]$						
1	0	0	378	84735	3155544	36397200
0	0	0	2772	242172	6452928	56994336
0	0	0	9900	596484	12277440	83375712
0	0	0	27657	1409562	21853440	113751960

$n = 63, k = 34, d = 9$	$I = [1, 3, 9, 13, 21, 31]$
1 0 0 0 0 0	6048 675549 25099956 291142488 1170036720
0 0 63 18270 1879983 51630984 455864094 1417754772	
0 0 0 69435 4834494 98388675 666670536 1606244598	
0 0 756 238791 11349072 174802824 909919864 1703306619	
$n = 63, k = 39, d = 6$	$I = [1, 3, 9, 13, 27]$
1 0 441 158256 21712383 805264236 9346167327 37545827760	
0 0 1134 609525 60393627 1644254199 14553232407 45224714178	
0 63 6363 2279943 154106841 3139447500 21268927134 51256762830	
0 9 37548 7299369 365819328 5607856863 29202395208 54670632471	
$n = 63, k = 33, d = 7$	$I = [1, 3, 9, 13, 27, 31]$
1 0 63 1638 347571 12620664 145969635 586614420	
0 0 0 11718 944622 25728696 227336760 706630932	
0 0 0 36702 2378838 49047768 332428824 800841636	
0 9 0 112581 5697846 87621093 456330840 854264439	
$n = 63, k = 36, d = 7$	$I = [1, 3, 9, 13, 31]$
1 0 63 19404 2714481 100695168 1168130523 4693374504	
0 0 63 80073 7518609 205707159 1818597942 5654051802	
0 0 1323 278685 19294989 392271579 2659135374 6406154370	
0 9 3024 929523 45627372 701249661 3649980880 6833921787	
$n = 63, k = 42, d = 6$	$I = [1, 3, 9, 15]$
1 0 7875 1374786 173688291 6435415854 74696148009 300082679316	
0 0 6552 4687578 487333098 13150913286 116572881726 362095545924	
0 630 95886 17846802 1232529858 25152046164 170282737548 410498225508	
0 135 236502 58121469 2924263818 44819551917 233396282140 436940634879	
$n = 63, k = 40, d = 6$	$I = [1, 3, 9, 15, 21]$
1 0 7875 676305 46394838 1597296519 18663109542 75108917610	
0 0 2268 1522206 129994326 3243613554 29224038438 90485028396	
0 630 75978 5781582 309507030 6259092840 42638970276 102588668028	
0 0 82971 16946748 728631477 11169415719 58464416878 109073621853	

$n = 63, k = 37, d = 6$						
$I = [1, 3, 9, 15, 21, 27]$						
1	0	7875	617904	20844810	325516464	2440726470
0	0	0	0	0	163443258	3813693030
0	630	75978	3982680	90384840	976166100	5069485260
0	0	0	0	0	1144097703	8050991760
0	0	0	0	0	13686381765	
$n = 63, k = 31, d = 10$						
$I = [1, 3, 9, 15, 21, 27, 31]$						
1	0	0	10143	323757	5103819	38181591
0	0	0	0	0	2554173	59598693
0	0	1512	60867	1415043	15203727	79209711
0	0	0	0	0	17873541	125780697
$n = 63, k = 34, d = 9$						
$I = [1, 3, 9, 15, 21, 31]$						
1	0	0	11277	724500	24911775	291549636
0	0	63	25704	2013480	50647176	456792210
0	0	1512	87516	4853016	97870311	666220464
0	0	819	264726	11431665	174460356	913357438
$n = 63, k = 39, d = 6$						
$I = [1, 3, 9, 15, 27]$						
1	0	7875	617904	26597403	785744064	9324743337
0	0	4284	1215522	71750322	1584049026	14674510998
0	630	75978	4207050	157006458	3095185464	21398623092
0	135	94752	10852821	361536336	555157325	29348700192
$n = 63, k = 33, d = 7$						
$I = [1, 3, 9, 15, 27, 31]$						
1	0	0	10143	408618	12273786	145740357
0	0	0	20286	1139292	24693312	229365360
0	0	1512	65052	2470734	48328560	334326888
0	9	1638	160776	5649399	86805810	458348184
$n = 63, k = 36, d = 7$						
$I = [1, 3, 9, 15, 31]$						
1	0	0	23058	2695455	100506231	1166960529
0	0	63	74781	7617393	205481955	1821769110
0	0	1575	278685	19304145	393059835	2660901894
0	9	3591	903357	45703854	700181118	3646538602
						6827792139

$n = 63, k = 46, d = 5$	$I = [1, 3, 9, 21]$
1 0 32445 20457864	2795276421 102906730584
0 378 204750 80233020	7729069572 210721144878
0 630 945378 285125220	19750951836 402295362210
0 315 4588920 931020951	46777447080 717094428183
$n = 63, k = 43, d = 6$	$I = [1, 3, 9, 21, 27]$
1 0 10332 2718702	347975397 12868236234
0 0 13608 9657522	970814250 26318934270
0 630 162918 35694738	2465967546 50302814436
0 0 497826 116488575	5848141446 89632625796
$n = 63, k = 37, d = 10$	$I = [1, 3, 9, 21, 27, 31]$
1 0 0 45675	5478984 201068658
0 0 0 150444	15181299 411355881
0 0 2961 538155	38500560 785855196
0 0 8694 1816794	91327131 1400459508
$n = 63, k = 40, d = 8$	$I = [1, 3, 9, 21, 31]$
1 0 378 322560	43739703 1608410664
0 0 2520 1235052	120784104 3291700068
0 0 14868 4439304	308397852 62885090168
0 0 78120 14558313	731043936 11206240794
$n = 63, k = 45, d = 6$	$I = [1, 3, 9, 27]$
1 0 20727 10334268	1396000053 51461198964
0 0 77868 39589452	3868865028 105336238644
0 1008 529956 142772148	9872236668 201152839356
0 2025 2271780 465922359	23390189676 358557760197
$n = 63, k = 39, d = 7$	$I = [1, 3, 9, 27, 31]$
1 0 378 163170	21789054 803877480
0 0 504 620802	60610032 1646144766
0 0 7686 2233008	154335594 3143329560
0 135 37296 7241220	365145858 5602706424

$n = 63, k = 42, d = 7$

$I = [1, 3, 9, 31]$

1	0	1890	1272159	174556242	6431032377	74698556961	300082568310
0	0	9261	4985757	483181587	13171246011	116531390178	362153245986
0	0	60543	17854551	1234839921	25143711201	170313243030	410441082534
0	513	300069	58210320	2923030971	44817731532	233397425170	436943718477

$n = 63, k = 45, d = 5$

$I = [1, 3, 11]$

1	0	14490	10205832	1397448171	51461505648	597669194136	2400907877424
0	63	86968	40045698	3863442744	105346068429	932136941736	2896941429900
0	504	479115	142663032	9874571154	201114363240	1362350319561	3283208868240
0	2844	2333520	465767085	23392631304	358598063250	1867377072512	3495884647815

$n = 63, k = 39, d = 7$

$I = [1, 3, 11, 13]$

1	0	630	163002	21793653	803681046	9340760226	37510457796
0	0	1918	598122	6037002	1645851270	14566161708	45261572580
0	0	7182	2205162	154669074	3141444726	21286862604	51302431908
0	198	38430	7325535	365551074	5602635234	29177629292	54625694571

$n = 63, k = 37, d = 8$

$I = [1, 3, 11, 21]$

1	0	189	40656	5469786	200821950	2334137106	9374723784
0	0	952	149247	15094170	411694779	3642568776	11319947982
0	0	1575	549306	38631411	785866032	5323419486	12830203260
0	0	8190	1839432	91305144	1400221809	7291870964	13650910749

$n = 63, k = 34, d = 10$

$I = [1, 3, 11, 13, 21]$

1	0	0	6258	669564	25055163	291375588	1169742888
0	0	0	19215	1862469	51598728	456255668	1416935394
0	0	252	68301	4860135	98376516	666382500	1607016726
0	0	1323	230958	11453022	174452292	910352674	1703238957

$n = 63, k = 36, d = 7$

$I = [1, 3, 11, 13, 27]$

1	0	63	21945	2697849	100564191	1168829067	4692257514
0	0	21	75789	7529697	205500645	1819554282	5652288810
0	0	441	279189	19368489	392144193	2658724866	6407625546
0	9	5859	908523	45806733	700744653	3650355982	6834454011

$I = [1, 3, 11, 15]$						
$n = 63, k = 39, d = 6$						
1	0	252	156555	21820554	804609981	9339096963
0	0	1897	628866	60435900	1645656222	14566715541
0	63	7686	2235780	154240842	3141133443	21289379580
0	135	34713	7243992	365636439	5602612554	29176842842
$I = [1, 3, 11, 15, 21]$						
$n = 63, k = 37, d = 6$						
1	0	252	63630	5993505	198881550	2334353616
0	0	1015	234234	15711822	408177342	3648379329
0	63	5670	709326	39020898	780866793	5334602364
0	0	19782	2098971	909983838	1395397332	7307644652
$I = [1, 3, 11, 15, 21, 23]$						
$n = 63, k = 31, d = 6$						
1	0	63	2205	91098	2981097	36709470
0	0	196	8757	238140	6815934	57851199
0	63	378	10152	619941	12358710	83749680
0	0	189	25200	1342089	20914803	113936858
$I = [1, 3, 11, 15, 21, 23, 27]$						
$n = 63, k = 28, d = 6$						
1	0	63	1449	17199	336420	3890754
0	0	0	0	8505	945594	8151003
0	63	378	2781	95256	1720278	11505564
0	0	0	189	134001	2493351	12385492
$I = [1, 3, 11, 15, 21, 23, 27]$						
$n = 63, k = 34, d = 6$						
1	0	63	11088	725571	24901947	291003426
0	0	63	24192	2011149	50852745	457458813
0	63	945	89973	4837140	98063469	667303182
0	0	1827	262017	11414844	173958183	912192442
$I = [1, 3, 11, 15, 23]$						
$n = 63, k = 33, d = 6$						
1	0	63	5733	336420	12936546	148442133
0	0	322	24696	897750	25379193	228003867
0	63	945	44010	2263548	47912508	331460766
0	135	1134	95382	5798709	87972381	457852472
						865774413

$n = 63, k = 30, d = 6$						
$I = [1, 3, 11, 15, 23, 27]$						
1	0	63	1449	32508	1661310	19586133
0	0	126	5733	91476	3009342	26806059
0	63	378	8856	258741	5812128	38845296
0	135	378	11214	743337	11791773	60043984
$n = 63, k = 36, d = 6$						
$I = [1, 3, 11, 15, 27]$						
1	0	63	24255	2661939	100912329	1167602625
0	0	189	76986	7562142	205458960	1819305621
0	63	1512	284166	19242090	392515263	2658467448
0	135	3717	898317	45829035	700649145	3651014626
$n = 63, k = 43, d = 6$						
$I = [1, 3, 11, 21]$						
1	0	2898	2576532	349368831	12859931700	149362628268
0	0	23380	9933588	965875428	26348778588	233114767200
0	504	114156	35613972	2469509028	50298585876	340708330872
0	1008	580356	116758929	5844996612	89616164274	4666678559816
$n = 63, k = 37, d = 6$						
$I = [1, 3, 11, 21, 23]$						
1	0	630	97608	5285259	197045856	2300359908
0	0	448	185472	14785848	419108304	3700664856
0	504	3024	539352	38735424	801719856	5394640608
0	0	12096	1909677	90106632	1376338950	7184375072
$n = 63, k = 34, d = 6$						
$I = [1, 3, 11, 21, 23, 27]$						
1	0	630	85512	1148427	21544992	248781540
0	0	0	0	476280	60690384	521892504
0	504	3024	212760	6293952	109743984	735938784
0	0	0	9261	8535240	159803910	792279712
$n = 63, k = 40, d = 6$						
$I = [1, 3, 11, 21, 27]$						
1	0	630	357672	43569099	1604191680	18639394788
0	0	1008	1224720	120842568	3298963968	29193115896
0	504	12096	4413096	309059856	6300691488	42652459584
0	0	62496	14689773	729833832	11179276038	58242566368

$n = 63, k = 39, d = 5$	$I = [1, 3, 11, 23]$
1 0 630 251832 21246435 809700192 9422463036 37770928272	
0 63 1288 902034 58876776 1632578493 14461465032 44900091180	
0 504 8379 2535912 152107746 311994360 2111732773 50919322608	
0 1080 48384 7200165 367678584 5653880694 29377270496 55082025495	
$n = 63, k = 36, d = 5$	$I = [1, 3, 11, 23, 27]$
1 0 630 130872 2102499 105817824 1254405180 4944916368	
0 63 840 389970 5835816 192499965 1716046920 5286860460	
0 504 4347 636840 16631202 371601720 2486285865 6029332848	
0 1080 24192 872613 47287800 754258806 3844548064 7299245079	
$n = 63, k = 42, d = 5$	$I = [1, 3, 11, 27]$
1 0 1638 1293096 174235635 6439322736 74775096732 300359760624	
0 63 7896 5122530 482395032 13154864877 116424807912 361800080460	
0 504 49707 17947224 1233991794 25113601800 170154104841 410050911312	
0 1080 277200 58001013 2928172968 44861182758 23361788000 437370136119	
$n = 63, k = 45, d = 5$	$I = [1, 3, 13]$
1 0 14994 10192728 1397276811 51461748576 597670180464 2400905923920	
0 126 87157 39975012 3863286630 105346979346 93213667199 2896939395000	
0 441 478926 142733718 9874727268 201113452323 1362350584098 3283210903140	
0 2340 2346624 465938445 23392388376 358597076922 1867379026016 3495884647815	
$n = 63, k = 43, d = 7$	$I = [1, 3, 13, 21]$
1 0 4284 2533440 349021575 12861187416 149363281326 600004395360	
0 0 23128 10009440 966041496 26346364176 233120697264 724498225920	
0 0 119952 35768952 2469678624 50295700728 340713904608 821103592176	
0 630 579096 116463081 5846196384 89615752128 466673656400 873653313519	
$n = 63, k = 40, d = 8$	$I = [1, 3, 13, 21, 27]$
1 0 1071 329133 43210314 1605668715 18638564574 74871399042	
0 0 1701 1203993 121096899 3297804327 29194930674 90707285466	
0 0 18459 4542183 309182013 6298131609 42658365582 102822214950	
0 0 65583 14658336 729739521 11180840643 58237537078 109019022021	

$n = 63, k = 34, d = 9$						
$I = [1, 3, 13, 21, 27, 31]$						
1	0	0	5124	672777	25175556	291486216
0	0	189	19215	1943991	51554061	456270066
0	0	441	69435	4836699	98100513	666944586
0	0	756	216531	11328660	174674808	910104328
$n = 63, k = 37, d = 9$						
$I = [1, 3, 13, 21, 31]$						
1	0	0	39900	5439609	201077100	2333992584
0	0	448	159264	15100092	411835332	3642473520
0	0	1764	563292	38579184	785607984	5323909752
0	0	8316	1815555	91299852	1399999608	7292376728
$n = 63, k = 42, d = 5$						
$I = [1, 3, 13, 27]$						
1	0	2709	1265250	174452103	6438387438	74776128231
0	126	10353	4930506	482208300	13157702460	116420076549
0	63	57456	17919252	1233916194	25115045067	170149622454
0	9	305046	58461921	2926785834	44860538331	233623877788
$n = 63, k = 36, d = 7$						
$I = [1, 3, 13, 27, 31]$						
1	0	63	18228	2738421	100849140	1168738347
0	0	588	77364	7619724	205517844	1819692504
0	0	1764	272700	19259940	391711068	2659966344
0	9	3780	893655	45648036	700885773	3650094280
$n = 63, k = 39, d = 7$						
$I = [1, 3, 13, 31]$						
1	0	63	155694	21789873	804520710	9338791035
0	0	1792	629622	60337116	1646286726	14565123216
0	0	8190	2250396	154236894	3141636624	21288028860
0	9	34398	7281939	365507478	5602454109	29178489116
$n = 63, k = 45, d = 5$						
$I = [1, 3, 15]$						
1	0	21483	10082772	1398304341	51450408828	597623356911
0	189	103831	39754134	3868024986	105348520767	932270634981
0	819	512505	142224426	9878386854	201127252977	1362523112811
0	4293	2353932	465115959	23387359716	358563342753	1867131732536

$n = 63, k = 43, d = 5$						
$I = [1, 3, 15, 21]$						
1	0	19593	4317201	380989098	12742971255	149381368920
0	189	79702	14489433	1006042275	26097415308	233439762843
0	819	322434	45717471	2496769653	49963325580	341389887237
0	4158	1221003	135802800	5823740853	89374175793	467687918222
$n = 63, k = 40, d = 6$						
$I = [1, 3, 15, 21, 27]$						
1	0	7875	675738	46357164	1597110732	18663367086
0	0	2205	1521828	130014675	3243528378	2923771192
0	630	75978	5788575	309619548	6259190805	42638336748
0	0	83412	16941330	728618058	11169673263	58464303856
$n = 63, k = 37, d = 7$						
$I = [1, 3, 15, 21, 31]$						
1	0	0	72135	5983110	198858681	2333735649
0	0	700	231336	15679755	407751147	3647840868
0	0	5859	689859	390691156	781072488	5334383754
0	189	18837	2120076	91089747	1396247202	7307596898
$n = 63, k = 42, d = 6$						
$I = [1, 3, 15, 27]$						
1	0	7875	1378314	173648979	6434877078	74696595561
0	0	6489	4697847	487469745	13150586505	116571913416
0	630	95445	17841069	1232762643	25152539769	170280950994
0	135	235998	58066029	2924164530	44820547821	233395821484
$n = 63, k = 39, d = 7$						
$I = [1, 3, 15, 31]$						
1	0	0	162225	21868686	803526444	9337183842
0	0	1078	630189	60354567	1645771638	14567390208
0	0	8946	2198295	154455357	3143270466	21289762368
0	198	35784	7263144	365692761	5602445856	29173360580
$n = 63, k = 49, d = 5$						
$I = [1, 3, 21]$						
1	0	237069	162915816	22362890949	823271493240	9561468822465
0	756	1472380	639313416	61828025112	1685759038284	1491602290308
0	4284	7790580	2281840920	158003838216	3218276795076	21800307895884
0	29547	37463832	7453559127	374215975560	5736886488711	29874269423600

$n = 63, k = 46, d = 6$						
$I = [1, 3, 21, 27]$						
1	0	57330	21478044	2785944735	102938234364	1195080193020
0	0	105021	78077412	7749220122	210626321940	1864821037779
0	2205	1231524	285791130	19731522132	402402318003	2724820902216
0	0	4121964	934106481	46782571500	717037869618	3734308376344
$n = 63, k = 40, d = 8$						
$I = [1, 3, 21, 27, 31]$						
1	0	756	346899	43804467	1609373619	18673316760
0	0	1008	1205253	121134006	3290796585	29136459240
0	0	19341	4388022	307677825	6286634424	42576242058
0	0	69615	14601069	730914471	11204621316	58349521342
$n = 63, k = 43, d = 7$						
$I = [1, 3, 21, 31]$						
1	0	3780	2556876	349719489	12864647376	149397212496
0	0	19033	9974223	965851803	26339046285	233063542026
0	0	121401	35573967	2468102427	50284944045	340631782218
0	1008	596736	116498235	5847770124	89639168220	466784084816
$n = 63, k = 48, d = 5$						
$I = [1, 3, 27]$						
1	0	138033	81231528	11182502205	411627225240	4780901049645
0	567	760305	318770802	30920093190	842831606925	7457939923203
0	3717	3947643	1139942070	79011530850	1609075340775	10899968064993
0	22815	18817848	3726272655	187113253320	2868509476035	14937349793968
$n = 63, k = 42, d = 7$						
$I = [1, 3, 27, 31]$						
1	0	2646	1264557	174690432	6431727771	746990666631
0	0	12810	5015934	484089102	13171247082	116529271236
0	0	60354	17842518	1234485462	25142619474	170315083764
0	135	292383	57950550	2921768577	44819731404	233398384534
$n = 63, k = 45, d = 7$						
$I = [1, 3, 31]$						
1	0	16254	10186743	1398009186	51455670273	597591250221
0	0	90937	39997881	3864848967	105362165055	932245955802
0	0	484659	142553979	984366845	201141797661	1362517815582
0	2277	2337741	465661056	23387084595	358554151872	186715640704

$n = 63, k = 51, d = 3$						
$I = [1, 5]$						
1	315	988785	652331043	89455101813	3293109307719	38246084034165
0	1260	5733700	2555196840	247307194008	6743017348452	59663675481228
0	12180	30961980	9125703000	632007273576	12873033119772	87200756472564
21	141255	150537933	29818367271	1496867867145	22947650420499	119497790493809
$n = 63, k = 45, d = 3$						
$I = [1, 5, 7]$						
1	0	16632	10138653	1397971827	51453054954	597580316550
0	0	93562	39903444	3864062160	105363715068	932251033098
0	462	483084	142712640	9874399332	201150162990	1362526958520
21	2646	2325834	466203717	23386678371	358554005964	1867123959596
$n = 63, k = 42, d = 6$						
$I = [1, 5, 7, 9]$						
1	0	1890	1282050	174679533	6430860198	74690566398
0	0	11970	4980150	482918058	13172354730	116544093624
0	84	58338	17817282	1234629774	2514585394	170334060372
0	378	289422	58331511	2923052202	44813532582	233366968492
$n = 63, k = 36, d = 6$						
$I = [1, 5, 7, 9, 11]$						
1	0	0	21987	2698983	99723267	1158078096
0	0	567	73143	7624638	207373743	1834975863
0	21	315	279846	19456731	395856909	2682082998
0	0	4095	914193	45263799	694983744	3618073438
$n = 63, k = 30, d = 9$						
$I = [1, 5, 7, 9, 11, 13]$						
1	0	0	756	465557	1523088	18204984
0	0	189	756	114534	3263760	28635579
0	21	0	5670	285012	6258483	41782608
0	0	0	21735	655956	11012904	56270032
$n = 63, k = 28, d = 9$						
$I = [1, 5, 7, 9, 11, 13, 21]$						
1	0	0	210	12915	385056	4667208
0	0	42	0	28350	799512	6981660
0	0	0	1134	70056	1528506	10204488
0	0	0	6069	164682	2825928	14390320

$n = 63, k = 22, d = 9$

$I = [1, 5, 7, 9, 11, 13, 21, 23]$			
1	0	0	210
0	0	42	0
0	0	0	1638
0	0	651	1134
			41454
			236488
			412965

 $n = 63, k = 19, d = 12$

$I = [1, 5, 7, 9, 11, 13, 21, 23, 27]$			
1	0	0	63
0	0	0	0
0	0	0	210
0	0	0	0
0	0	0	0
			5040
			31143

 $n = 63, k = 13, d = 12$

$I = [1, 5, 7, 9, 11, 13, 21, 23, 27, 31]$			
1	0	0	63
0	0	0	0
0	0	0	210
0	0	0	0
			0
			12978
			2436
			441
			9996
			36225
			40194

 $n = 63, k = 16, d = 9$

$I = [1, 5, 7, 9, 11, 13, 21, 23, 31]$			
1	0	0	210
0	0	42	0
0	0	0	1638
0	0	0	0
0	0	0	0
			3570
			546
			0
			0
			1260
			0
			1281
			0

 $n = 63, k = 25, d = 12$

$I = [1, 5, 7, 9, 11, 13, 21, 27]$			
1	0	0	63
0	0	0	4158
0	0	0	7770
0	0	0	18459
			1701
			50904
			573972
			3276
			78855
			290808

 $n = 63, k = 22, d = 9$

$I = [1, 5, 7, 9, 11, 13, 21, 31]$			
1	0	0	210
0	0	42	0
0	0	0	2016
0	0	0	1134
			13398
			21420
			109494
			160398
			1280034
			41517
			237244
			3393495
			411264

$I = [1, 5, 7, 9, 11, 13, 23]$						
$n = 63, k = 24, d = 6$						
1	0	0	756	63	14868	305424
0	0	189	0	0	53280	454923
0	21	0	0	7560	86499	662256
0	0	0	2457	5040	161280	924028
$I = [1, 5, 7, 9, 11, 13, 23, 27]$						
$n = 63, k = 21, d = 6$						
1	0	0	189	0	1701	37422
0	0	0	0	0	7479	56133
0	21	0	0	945	10206	82845
0	0	0	0	504	22554	112455
$I = [1, 5, 7, 9, 11, 13, 23, 27, 31]$						
$n = 63, k = 15, d = 6$						
1	0	0	189	0	0	2835
0	0	0	0	0	2187	0
0	21	0	0	945	0	0
0	0	0	0	0	0	5103
$I = [1, 5, 7, 9, 11, 13, 23, 31]$						
$n = 63, k = 18, d = 6$						
1	0	0	756	0	0	25326
0	0	189	0	0	14724	0
0	21	0	0	6804	0	0
0	0	0	2457	0	0	36484
$I = [1, 5, 7, 9, 11, 13, 23, 31]$						
$n = 63, k = 27, d = 6$						
1	0	0	189	4725	199206	2257290
0	0	0	0	16065	403686	3587031
0	21	0	567	33642	785484	5222322
0	0	0	3213	77427	1387134	7022106
$I = [1, 5, 7, 9, 11, 13, 31]$						
$n = 63, k = 24, d = 6$						
1	0	0	756	0	13986	305991
0	0	189	0	63	53280	452592
0	21	0	0	7938	87318	659484
0	0	0	2457	4788	162729	923650

$n = 63, k = 34, d = 9$						
				$I = [1, 5, 7, 9, 11, 21]$		
1	0	0	6699	693693	25477893	296479176
0	0	42	16758	1858248	50695512	447881868
0	0	0	72576	4735206	96661530	655039224
0	0	945	227703	11621799	177765336	925948282
$n = 63, k = 28, d = 9$						
				$I = [1, 5, 7, 9, 11, 21, 23]$		
1	0	0	840	16443	388332	4661916
0	0	42	0	32382	804804	6990984
0	0	0	1890	66780	1475838	10325196
0	0	0	4809	181692	2697156	14655172
$n = 63, k = 25, d = 12$						
				$I = [1, 5, 7, 9, 11, 21, 23, 27]$		
1	0	0	126	2772	48762	578886
0	0	0	0	3906	100842	876330
0	0	0	0	7014	188622	1286334
0	0	0	756	22428	336042	-
$n = 63, k = 31, d = 12$						
				$I = [1, 5, 7, 9, 11, 21, 27]$		
1	0	0	1071	90216	3210732	37112964
0	0	0	2016	238014	6391392	55944504
0	0	0	7182	588000	12005784	81996768
0	0	0	29610	1419831	22195908	115851036
$n = 63, k = 28, d = 9$						
				$I = [1, 5, 7, 9, 11, 21, 31]$		
1	0	0	210	11403	381024	4681320
0	0	42	378	28728	802032	6978132
0	0	0	1512	72450	1533042	10162656
0	0	0	4557	168714	2807784	14442736
$n = 63, k = 30, d = 6$						
				$I = [1, 5, 7, 9, 11, 23]$		
1	0	0	1764	54117	1528758	18132912
0	0	189	2394	139482	3189168	28807443
0	21	0	6930	306306	6058395	42128352
0	0	126	20727	683172	1069920	57053500

$n = 63, k = 27, d = 6$						
$I = [1, 5, 7, 9, 11, 23, 27]$						
1	0	0	252	5922	194796	2259432
0	0	0	1008	16380	404568	3585141
0	21	0	504	39816	754110	5267304
0	0	0	1512	85680	1336608	7144452
$n = 63, k = 33, d = 6$						
$I = [1, 5, 7, 9, 11, 27]$						
1	0	0	2331	339570	12544560	144852876
0	0	0	8064	981918	25968645	229360005
0	21	189	33138	2428020	49265118	335661606
0	0	756	112644	5585139	86911020	452255076
$n = 63, k = 30, d = 6$						
$I = [1, 5, 7, 9, 11, 31]$						
1	0	0	756	47061	1499904	18252360
0	0	189	756	115542	3276864	28616427
0	21	0	5670	288036	6289731	41644512
0	0	0	21231	654948	10981656	56394016
$n = 63, k = 36, d = 6$						
$I = [1, 5, 7, 9, 13]$						
1	0	0	20475	2700495	99741411	1158035760
0	0	189	73521	7612920	207476181	1834633395
0	21	1449	272664	19494909	395697771	2682493506
0	0	4095	927801	45177615	695207520	3617777086
$n = 63, k = 34, d = 9$						
$I = [1, 5, 7, 9, 13, 21]$						
1	0	0	5565	697725	25474491	296485224
0	0	42	14490	1866060	50703072	447800220
0	0	504	70308	4745034	96616170	655166232
0	0	1071	233751	11579841	177880248	925784230
$n = 63, k = 28, d = 9$						
$I = [1, 5, 7, 9, 13, 21, 31]$						
1	0	0	273	16569	372078	4661538
0	0	42	0	32634	783636	6986826
0	0	126	2268	72450	1489572	10310454
0	0	0	4809	184527	2739366	14565586

$n = 63, k = 30, d = 6$						
$I = [1, 5, 7, 9, 13, 31]$						
1	0	0	1197	52857	1514268	18096624
0	0	189	3087	3151746	28815507	89117154
0	21	126	7182	317079	6062427	42191352
0	0	0	21483	699741	10768464	56835772
$n = 63, k = 40, d = 8$						
$I = [1, 5, 7, 9, 21]$						
1	0	1134	371784	43964739	1605226896	18688639956
0	0	1176	1126440	120645000	3295223736	29113097328
0	0	18648	4654440	307895112	6282945144	42577098480
0	0	57456	14310597	732851784	11203966494	58363622464
$n = 63, k = 34, d = 9$						
$I = [1, 5, 7, 9, 21, 23]$						
1	0	0	8022	689409	25065810	292066152
0	0	42	14364	1903986	51496368	454824468
0	0	0	66906	4826556	98134722	665305200
0	0	1386	226443	11403630	17514536	911886052
$n = 63, k = 31, d = 12$						
$I = [1, 5, 7, 9, 21, 23, 27]$						
1	0	0	882	91413	3106404	36545460
0	0	0	2646	231714	6431964	56894796
0	0	0	7182	604002	12294324	83091204
0	0	0	28035	1441062	21859740	114010428
$n = 63, k = 25, d = 12$						
$I = [1, 5, 7, 9, 21, 23, 27, 31]$						
1	0	0	63	1512	46935	579264
0	0	0	0	3024	99204	887796
0	0	0	0	10416	187236	1301076
0	0	0	0	27342	335412	1778889
$n = 63, k = 28, d = 9$						
$I = [1, 5, 7, 9, 21, 23, 31]$						
1	0	0	210	11214	390285	4575921
0	0	42	0	28854	800016	7092792
0	0	0	378	77616	1527246	10377360
0	0	0	3675	182637	2739051	14265895

$I = [1, 5, 7, 9, 21, 27]$						
$n = 63, k = 37, d = 8$						
1	0	378	47376	5520879	200759328	2335935084
0	0	378	141246	15099966	411604746	3640071204
0	0	1890	576198	38412822	785336706	5322575412
0	0	6048	1780065	91714896	1400386554	7294897344
$I = [1, 5, 7, 9, 21, 27, 31]$						
$n = 63, k = 31, d = 12$						
1	0	0	2016	81837	3163104	36476664
0	0	0	1134	244314	6441792	56910672
0	0	0	7938	592662	12289536	83060208
0	0	0	28791	1423296	21814632	114189600
$I = [1, 5, 7, 9, 21, 31]$						
$n = 63, k = 34, d = 9$						
1	0	0	7266	678888	25141599	291821964
0	0	42	15498	1893024	51443448	455027076
0	0	504	72576	4783842	98271810	665096544
0	0	567	227010	11462598	174987036	912098866
$I = [1, 5, 7, 9, 23]$						
$n = 63, k = 36, d = 6$						
1	0	0	21420	2712717	100559592	1166869368
0	0	189	75726	7590114	205910946	1820449323
0	21	378	282114	19288710	392851683	2661639876
0	0	4536	913815	45518508	700545384	3646283200
$I = [1, 5, 7, 9, 23, 27]$						
$n = 63, k = 33, d = 6$						
1	0	0	2142	347445	12508776	145893384
0	0	0	12222	926163	25704360	227674377
0	21	0	34335	2413278	49195314	332528616
0	0	0	113967	5745726	87500952	455766696
$I = [1, 5, 7, 9, 23, 27, 31]$						
$n = 63, k = 27, d = 6$						
1	0	0	189	5544	192213	2311848
0	0	0	0	13608	400599	3543057
0	21	0	126	41391	742518	5231961
0	0	0	0	103950	1347948	7119315

$n = 63, k = 30, d = 6$						
$I = [1, 5, 7, 9, 23, 31]$						
1	0	0	756	41202	1569519	18221679
0	0	189	567	114093	3201075	28469826
0	21	0	2394	309960	6137712	41547681
0	0	0	13041	740565	10894149	57049405
$n = 63, k = 39, d = 6$						
$I = [1, 5, 7, 9, 27]$						
1	0	756	150318	21893949	803997306	9336566736
0	0	2268	608832	60460848	1645636464	14570962812
0	84	9072	2228688	154175616	3143140308	21292240032
0	0	35154	7282359	365645574	5601274812	29169716436
$n = 63, k = 33, d = 6$						
$I = [1, 5, 7, 9, 27, 31]$						
1	0	0	5166	321489	12634272	145761840
0	0	0	5544	976122	25627815	227944269
0	21	567	32886	2396268	49209174	332321850
0	0	0	117747	5707926	87398640	456143184
$n = 63, k = 36, d = 6$						
$I = [1, 5, 7, 9, 31]$						
1	0	0	22932	2706732	100562301	1166829300
0	0	189	74529	7617267	205488342	1821794751
0	21	1890	279531	19229553	393244551	2660590800
0	0	1701	914382	45686088	700125300	3646627558
$n = 63, k = 39, d = 3$						
$I = [1, 5, 7, 11]$						
1	0	189	155106	21866040	802261593	9328431546
0	0	2842	598122	60376680	1647195714	14580656622
0	210	7434	2217096	154646562	3147120774	21307882932
21	0	34461	7356006	365187564	5598111897	29143316762
$n = 63, k = 33, d = 3$						
$I = [1, 5, 7, 11, 13]$						
1	0	0	6615	382977	12165048	146822760
0	0	1330	7560	922572	25880256	227653902
0	210	0	41580	2276904	49860846	331502976
21	0	0	164619	5321925	88601688	453541256

		$I = [1, 5, 7, 11, 13, 21]$
$n = 63, k = 31, d = 6$		
1	0	1428
0	0	2268
0	63	10962
0	0	39543
		$I = [1, 5, 7, 11, 13, 21, 23]$
$n = 63, k = 25, d = 6$		
1	0	1428
0	0	343
0	63	0
0	0	5145
		$I = [1, 5, 7, 11, 13, 21, 23, 31]$
$n = 63, k = 19, d = 6$		
1	0	1428
0	0	343
0	63	0
0	0	5145
		$I = [1, 5, 7, 11, 13, 21, 23, 31]$
$n = 63, k = 27, d = 3$		
1	0	5985
0	0	1330
0	210	0
21	0	0
		$I = [1, 5, 7, 11, 13, 23]$
$n = 63, k = 21, d = 3$		
1	0	5985
0	0	1330
0	210	0
21	0	0
		$I = [1, 5, 7, 11, 13, 23, 31]$
$n = 63, k = 37, d = 6$		
1	0	43449
0	0	721
0	63	2583
0	0	6741
		$I = [1, 5, 7, 11, 21]$

$n = 63, k = 31, d = 6$						
$I = [1, 5, 7, 11, 21, 23]$						
1	0	0	4326	114471	2964528	36840216
0	0	343	0	263088	6373542	56699937
0	63	126	21672	598080	12019833	83661228
0	0	0	38409	1455678	21573720	115036544
$n = 63, k = 33, d = 3$						
$I = [1, 5, 7, 11, 23]$						
1	0	0	11907	422289	12206628	145815768
0	0	1330	19530	1034460	25148070	228898782
0	210	126	57708	2513154	48168414	335160252
21	0	1260	182763	5623569	86588712	458163440
$n = 63, k = 43, d = 6$						
$I = [1, 5, 7, 21]$						
1	0	6804	2887206	351837549	12839185170	149474796240
0	0	11746	9089262	965428002	26366385234	232954400448
0	252	170730	37350810	2463030822	50276088450	34068837412
0	0	438858	114323559	5861897118	89613980316	466806541124
$n = 63, k = 37, d = 6$						
$I = [1, 5, 7, 21, 23]$						
1	0	0	45906	5491521	200373894	2335669896
0	0	343	145908	15044778	412044528	3639507921
0	63	2016	586026	38537940	785927961	5322230928
0	0	5166	1794219	91615482	1400237496	7294219436
$n = 63, k = 34, d = 9$						
$I = [1, 5, 7, 21, 23, 27]$						
1	0	0	5754	686952	25071039	291999372
0	0	42	18144	1875132	51551430	454768020
0	0	126	74844	4802112	98230482	665109900
0	0	567	227010	11440926	175019292	912133138
$n = 63, k = 31, d = 6$						
$I = [1, 5, 7, 21, 23, 31]$						
1	0	0	1617	81018	3115917	36501213
0	0	343	504	226296	6492423	56730744
0	63	0	3969	637833	12237246	83164725
0	0	0	29715	1443960	21795039	114255407

$n = 63, k = 40, d = 8$						
$I = [1, 5, 7, 21, 27]$						
1	0	1134	373800	44067555	1605460752	18687567444
0	0	1176	1124424	120542184	3294989880	29114169840
0	0	18648	4632264	307651176	6283211256	42578251632
0	0	57456	14332773	733095720	11203700382	58362469312
$n = 63, k = 34, d = 9$						
$I = [1, 5, 7, 21, 27, 31]$						
1	0	0	6888	691929	25126416	291941160
0	0	42	15876	1868202	51506448	455015988
0	0	0	71442	4787748	98148834	665428176
0	0	1008	230979	11468520	174967128	911928640
$n = 63, k = 37, d = 6$						
$I = [1, 5, 7, 21, 31]$						
1	0	0	44961	5529321	200856411	2335037880
0	0	721	136836	15102990	411763674	3640526253
0	63	2394	582246	38354988	785450547	5324353020
0	0	6111	1792707	91616805	1400337288	7292880182
$n = 63, k = 39, d = 3$						
$I = [1, 5, 7, 23]$						
1	0	0	161091	21866985	803849508	9336472488
0	0	1708	623574	60330186	1646865594	14564534418
0	210	4914	2240658	154161966	3143821968	21288097908
21	0	32508	7333011	365139873	5602764888	291174838560
$n = 63, k = 36, d = 6$						
$I = [1, 5, 7, 23, 27]$						
1	0	0	18018	2740374	100409085	1167080796
0	0	189	86310	7548471	205853553	1820804895
0	21	945	282303	19271322	393087303	2660987574
0	0	3213	894600	45686214	700169148	3646725838
$n = 63, k = 33, d = 3$						
$I = [1, 5, 7, 23, 31]$						
1	0	0	6174	320292	12621168	145631808
0	0	1330	2772	939645	25854300	227366622
0	210	0	19593	2489592	48978342	332888724
21	0	0	111258	5761224	87182424	456674120

$n = 63, k = 42, d = 6$				$I = [1, 5, 7, 27]$			
1	0	2268	1272222	174853413	6431788314	74687161248	300042936396
0	0	12222	4920930	482939982	13171764798	116545305744	362208573972
0	84	58086	17828118	1233914346	25146539838	170337299580	410496687804
0	0	303282	58407615	2923079670	44814260484	233363329108	436880016027
$n = 63, k = 36, d = 6$				$I = [1, 5, 7, 27, 31]$			
1	0	0	20664	2742075	100563246	1166827536	4688142984
0	0	567	72261	7566804	205804035	1820981295	5659647714
0	21	567	277452	19240137	392903973	2661775830	6413695680
0	0	4158	922005	45608976	700360416	3646081348	6826498623
$n = 63, k = 39, d = 3$				$I = [1, 5, 7, 31]$			
1	0	189	157878	21918204	80408593	9337756554	37506756357
0	0	2842	617904	60443208	1646345844	14567179662	45269026992
0	210	6804	2213064	154197120	3142445670	21290539032	51308032272
21	0	31941	7297290	365275008	5602191273	29173834970	54617548041
$n = 63, k = 48, d = 5$				$I = [1, 5, 9]$			
1	0	129717	81644472	11181562245	411641251560	4780829968425	19205263378224
0	126	710010	319374468	30913713180	842866274250	7457852940174	23178058124760
0	1218	3834054	1140623100	79001711460	1609108341750	10899938912562	26268465874728
0	18531	18841032	3727187415	187109659800	2868497981055	14937427071952	27964039225059
$n = 63, k = 42, d = 6$				$I = [1, 5, 9, 11]$			
1	0	2205	1269450	174859839	6438385926	74771360055	300371817060
0	0	11655	4955454	482686344	13157081658	116416293903	361810503180
0	21	59346	17840880	1233048726	25118314389	170148285972	410048804424
0	9	301518	58311225	2926140210	44864067843	233621014732	437357839527
$n = 63, k = 36, d = 6$				$I = [1, 5, 9, 11, 13]$			
1	0	63	20412	2724813	100637460	1168267275	4693125528
0	0	189	75852	7560882	205579836	1818751851	5653999512
0	21	1260	271314	19319580	392234787	2659187160	6406109724
0	9	3780	924399	45603180	701411949	3649643368	6834284163

$n = 63, k = 34, d = 9$	$I = [1, 5, 9, 11, 13, 21]$
1	0
0	0
0	42
0	252
0	68112
0	567
$n = 63, k = 28, d = 9$	$I = [1, 5, 9, 11, 13, 21, 23]$
1	0
0	0
0	63
0	0
0	0
$n = 63, k = 25, d = 12$	$I = [1, 5, 9, 11, 13, 21, 23, 27]$
1	0
0	0
0	0
0	0
0	0
$n = 63, k = 19, d = 12$	$I = [1, 5, 9, 11, 13, 21, 23, 27, 31]$
1	0
0	0
0	0
0	0
$n = 63, k = 22, d = 9$	$I = [1, 5, 9, 11, 13, 21, 23, 31]$
1	0
0	0
0	63
0	0
0	0
$n = 63, k = 31, d = 10$	$I = [1, 5, 9, 11, 13, 21, 27]$
1	0
0	0
0	42
0	63
0	0
0	0

$n = 63, k = 28, d = 9$						
$I = [1, 5, 9, 11, 13, 21, 31]$						
1	0	0	210	9639	398601	4528545
0	0	42	63	31248	808800	7093737
0	0	63	387	77742	1529073	10447605
0	0	0	3864	170793	2754675	14191051
0	0	0	0	0	0	26612460
$n = 63, k = 30, d = 6$						
$I = [1, 5, 9, 11, 13, 23]$						
1	0	0	1134	36477	1585269	18269937
0	0	189	1134	118881	3204999	28457919
0	21	63	2241	316386	6080823	41600034
0	9	189	9891	732186	10913742	57062950
0	9	0	0	0	0	106818327
$n = 63, k = 27, d = 6$						
$I = [1, 5, 9, 11, 13, 23, 27]$						
1	0	0	189	3150	208026	2226861
0	0	0	63	13230	405594	3527811
0	21	0	36	38745	774648	5188806
0	9	126	756	97461	1350090	7177968
0	9	0	0	0	0	13241277
$n = 63, k = 21, d = 6$						
$I = [1, 5, 9, 11, 13, 23, 27, 31]$						
1	0	0	189	315	5796	32130
0	0	0	63	756	9450	45738
0	21	0	36	2646	14679	50400
0	9	126	756	2709	19593	95634
0	9	0	0	0	0	235116
$n = 63, k = 24, d = 6$						
$I = [1, 5, 9, 11, 13, 23, 31]$						
1	0	0	1134	4284	40824	257418
0	0	189	567	7749	83601	326672
0	21	63	1296	21357	109242	474768
0	9	189	5103	24885	158949	723499
0	9	0	0	0	0	197964
$n = 63, k = 33, d = 6$						
$I = [1, 5, 9, 11, 13, 27]$						
1	0	63	4914	316701	12644982	145766187
0	0	0	9009	959679	25675335	227347785
0	21	315	34875	2399733	49213458	331905294
0	9	126	110943	5725818	87517773	456770412
0	9	0	0	0	0	853356483

$n = 63, k = 30, d = 6$	$I = [1, 5, 9, 11, 13, 31]$
1 0 0 0 0 0	1134 36414 1594215 18222183 73339434
0 0 0 0 0 0	567 117432 3212685 28415709 88377408
0 21 63 2430 312417 6089769	41628636 100015986
0 9 189 12474 723240 10943352	57023260 106801695
$n = 63, k = 40, d = 8$	$I = [1, 5, 9, 11, 21]$
1 0 0 567 317541 43571682	1604940435 18638056878 74873162034
0 0 0 3381 1242297 121019283	3298948071 29189316114 90718111386
0 0 0 14427 4476663 309171933	6297916905 42662026638 102812530758
0 0 0 73143 14547288 729350937	11183297643 58234142470 109019575413
$n = 63, k = 34, d = 9$	$I = [1, 5, 9, 11, 21, 23]$
1 0 0 0 9660 664587	25143930 291634224 1168611408
0 0 0 231 23121 1930383	51530793 456511230 1415952594
0 0 0 1197 72459 4749885	98494011 666113994 1607976006
0 0 0 378 226821 11257092	174896064 909723388 1704411135
$n = 63, k = 31, d = 12$	$I = [1, 5, 9, 11, 21, 23, 27]$
1 0 0 0 1449 84420	3144204 36425004 146120022
0 0 0 0 3843 233541	6434196 57106476 176968386
0 0 0 0 9333 586803	12337164 83245428 200994318
0 0 0 0 27342 1428777	21823452 113727180 213040485
$n = 63, k = 37, d = 8$	$I = [1, 5, 9, 11, 21, 27]$
1 0 0 189 38304 5425434	200345166 2329517778 9360783144
0 0 0 378 162225 15059520	411924561 3649153788 11340703458
0 0 0 1701 568584 38703693	787847130 5331680298 12851041896
0 0 0 7182 1817928 91437192	1398072753 7278405204 13626779229
$n = 63, k = 34, d = 9$	$I = [1, 5, 9, 11, 21, 31]$
1 0 0 0 5313 664461	25068519 291296040 1169941338
0 0 0 42 21294 1906884	51552276 455963004 1417545108
0 0 0 252 71388 4865742	98351946 666515808 1606562160
0 0 0 1323 216615 11389077	174755448 910049854 1703190699

$n = 63, k = 36, d = 6$	$I = [1, 5, 9, 11, 23]$
1 0 0 27027 2736972	100623789 1169734293 4688728254
0 0 756 100863 7491519	205761213 1819685889 5650791174
0 21 3465 295947 18996075	392659974 2658252618 6409052454
0 9 7497 905058 45384255	702006354 3647747194 6838745697
$n = 63, k = 33, d = 6$	$I = [1, 5, 9, 11, 23, 27]$
1 0 0 3024 344106	12542670 146225709 586299672
0 0 0 16947 916587	25775505 227355849 706380318
0 21 189 39159 2368863	49175154 332035074 801322830
0 9 126 111888 5690664	87675210 456202404 854485317
$n = 63, k = 39, d = 6$	$I = [1, 5, 9, 11, 27]$
1 0 315 162666 21817341	804246786 9345664755 37550645748
0 0 1512 604233 60254019	1643925843 14552406729 45228697290
0 21 7623 2232063 154232253	3141278154 21265839126 51255256878
0 9 35658 7353423 366006690	56008670697 29201200308 54667366803
$n = 63, k = 36, d = 6$	$I = [1, 5, 9, 11, 31]$
1 0 63 21546 2692809	100580130 1168564635 4693035060
0 0 189 73458 7615566	205517970 1818758907 5653656036
0 21 378 281646 19363050	392233779 2658713652 6406877316
0 9 5418 904491 45591714	701394813 3649993396 6833862315
$n = 63, k = 42, d = 6$	$I = [1, 5, 9, 13]$
1 0 1827 1279278 174891591	6438010194 74772362133 300370766220
0 0 10899 5000058 482511708	13157158014 116417060487 361808650980
0 21 60102 17796276 1233223362	25118238033 170147519388 410050656624
0 387 291690 58279473 2926515942	44863065765 233622065572 437357839527
$n = 63, k = 40, d = 8$	$I = [1, 5, 9, 13, 21]$
1 0 567 315525 43636194	1604595699 18638831022 74872399986
0 0 2121 1264221 120974175	3298768899 29190255066 90716322690
0 0 15687 4454739 309217041	6298096077 42661087686 102814319454
0 0 75159 14482776 729695673	11182523499 58234904518 109019575413

$n = 63, k = 34, d = 9$						
$I = [1, 5, 9, 13, 21, 31]$						
1	0	0	9534	661878	25057557	291465132
0	0	42	22176	1900395	51391059	4566533736
0	0	1323	72459	4768092	98709030	665826714
0	0	1701	225624	11373138	174905388	909436990
$n = 63, k = 36, d = 6$						
$I = [1, 5, 9, 13, 31]$						
1	0	0	28350	2705472	100395162	1169605269
0	0	693	100044	7452144	205578198	1819571859
0	21	2646	304704	19069092	393102675	2657319588
0	9	7938	910854	45498726	702214002	3647363524
$n = 63, k = 46, d = 7$						
$I = [1, 5, 9, 21]$						
1	0	33957	20361432	2795022405	102906779976	1195152119385
0	0	178080	79896096	7728708960	210725474784	1864550915136
0	0	961632	285343200	19751145120	402294088224	2725112875968
0	4851	4698792	931674135	46775809080	717091271631	3734183801488
$n = 63, k = 40, d = 8$						
$I = [1, 5, 9, 21, 23]$						
1	0	945	319431	43491168	1608194889	18675225618
0	0	1365	1255149	120709827	3293383155	29131831890
0	0	16695	4453479	309095073	6283883529	42582542310
0	0	71253	14623518	730346211	11205316269	58346118418
$n = 63, k = 37, d = 8$						
$I = [1, 5, 9, 21, 23, 27]$						
1	0	189	38682	5440428	201189618	2334313338
0	0	0	151137	15103872	411893691	3641364720
0	0	2079	5640448	38542917	785468880	5322778902
0	0	9450	1841994	91187586	1400406777	7294104804
$n = 63, k = 31, d = 12$						
$I = [1, 5, 9, 21, 23, 27, 31]$						
1	0	0	1008	80199	3172491	36403395
0	0	4095	241227	6479745	56925225	176816619
0	0	0	8766	604506	12241971	83297403
0	0	0	23814	1413405	21815577	113973825

$n = 63, k = 34, d = 9$						
				$I = [1, 5, 9, 21, 23, 31]$		
1	0	0	4557	676242	25150797	291826500
0	0	42	19404	1878156	51558009	455258916
0	0	441	70380	4830840	98136738	665417718
0	0	1449	227388	11418561	17484404	912010666
$n = 63, k = 43, d = 7$						
1	0	6174	2581614	348579441	12865235418	149391363030
0	0	17766	9899694	966747978	26336700690	233080453116
0	0	126378	35836866	2468389350	50290059582	340627800996
0	378	569394	116614827	5847500358	89633588562	466778394516
$n = 63, k = 37, d = 9$						
1	0	0	45108	5424993	201149172	2333641128
0	0	756	155295	15076026	411598599	3641540112
0	0	2835	546282	38591427	785811852	5322449286
0	0	9828	1807659	91473732	1400279832	7293931176
$n = 63, k = 40, d = 7$						
1	0	1134	334047	43477623	1609435863	18669686910
0	0	4830	1267623	120390984	3293678247	29131737012
0	0	20979	4413600	308598507	6285482910	42582004038
0	378	80451	14444913	731906595	11201284458	58352239750
$n = 63, k = 42, d = 6$						
1	0	3843	1265040	174501369	6433298928	74698989939
0	0	4725	5038236	482999706	13171113900	116522995995
0	21	70812	17733402	1235232684	25137423675	170323716024
0	9	287280	58380651	2921880528	44825651073	233388721888
$n = 63, k = 39, d = 6$						
1	0	1197	149940	21835863	804073788	9337046103
0	0	0	608139	60481827	1646942913	14563765881
0	21	8253	2246175	154193319	3143270466	21287696850
0	9	37548	7343217	364780836	5603257107	29176207704

$n = 63, k = 33, d = 6$						
$I = [1, 5, 9, 23, 27, 31]$						
1	0	0	2961	333648	12658842	145853757
0	0	0	14175	957537	25765425	227569041
0	21	189	33741	2409435	48948858	332897922
0	9	126	100926	5695641	87493770	455881104
$n = 63, k = 36, d = 6$						
$I = [1, 5, 9, 23, 31]$						
1	0	0	20349	2719017	100478070	1167289641
0	0	189	83538	7578018	205669926	1821471435
0	21	1134	274338	19351962	392644035	2661792588
0	9	3906	888615	45712989	700167510	3646308400
$n = 63, k = 45, d = 6$						
$I = [1, 5, 9, 27]$						
1	0	20097	10360476	1395755361	51461778564	597586947993
0	0	72954	39570804	3867815952	105341707548	932272515594
0	462	521388	142904448	9871537284	201157670574	1362444104952
0	891	2286900	466300611	23389357068	358556072427	1867497007368
$n = 63, k = 39, d = 6$						
$I = [1, 5, 9, 27, 31]$						
1	0	63	163674	21835233	803902554	9336834171
0	0	1512	615825	60336171	1645739235	14567016681
0	21	8631	2221479	154243845	3143590506	21287809494
0	9	34146	7317891	365634738	5602591197	29173995396
$n = 63, k = 42, d = 6$						
$I = [1, 5, 9, 31]$						
1	0	1197	1280664	175053501	6432167448	74697792057
0	0	11718	5041953	482884353	13168702071	116531529093
0	21	63819	17729685	1233799749	25143448176	170313634638
0	387	282744	58162671	2924333496	44820178263	233393825392
$n = 63, k = 45, d = 3$						
$I = [1, 5, 11]$						
1	0	15309	10210473	1398006981	51466067478	597669557625
0	0	87955	40009536	3864640122	105352141608	932130857385
0	399	477288	142585290	9872488416	201108961557	1362360856752
21	2403	2344230	465632055	23388910335	358594377687	1867394192804

$n = 63, k = 39, d = 3$

$I = [1, 5, 11, 13]$					
$I = [1, 5, 11, 13, 21]$					
1	0	504	156303	21898233	803868408
0	0	3031	608769	60432687	1645849863
0	210	6363	2214675	154331877	3142147239
21	72	32256	7315875	3653378013	5603262336
$I = [1, 5, 11, 13, 21]$					
1	0	63	39984	5494671	200908008
0	0	910	150759	15129387	411650301
0	63	1449	549495	38546067	785965068
0	63	7560	1831641	91253232	1400419881
$I = [1, 5, 11, 13, 21, 23]$					
1	0	63	1617	79065	3166380
0	0	343	1008	229383	6460131
0	63	315	2655	623532	12256461
0	0	0	31983	1418193	21935655
$I = [1, 5, 11, 13, 21, 23, 31]$					
1	0	63	1617	14553	73584
0	0	343	441	15624	218028
0	63	315	2655	34860	228816
0	0	0	14406	15435	437472
$I = [1, 5, 11, 13, 21, 23]$					
1	0	63	8820	294651	12632697
0	0	1519	5859	925155	25760133
0	210	441	18495	2522919	48857319
21	9	1197	98469	5825862	87228477
$I = [1, 5, 11, 13, 21, 23]$					
1	0	63	8820	35280	328986
0	0	1519	5292	61740	664083
0	210	441	10179	169932	867888
21	9	1197	40572	200655	1279341

$n = 63, k = 43, d = 6$						
$I = [1, 5, 11, 21]$						
1	0	2898	2584428	349488279	12862437084	149364303060
0	0	22960	9975420	966678804	26349799188	233116280460
0	252	116676	35564580	2468892972	50293933704	340716637800
0	504	587916	1164261211	5844057660	89614143234	466683495320
$n = 63, k = 37, d = 6$						
$I = [1, 5, 11, 21, 23]$						
1	0	63	77721	5305482	200781567	2336174526
0	0	532	169785	15127497	411234375	3645681795
0	63	8379	590445	38041437	788300730	5317009614
0	0	8883	1895712	90698013	1401667155	7289305310
$n = 63, k = 39, d = 3$						
$I = [1, 5, 11, 23]$						
1	0	441	239463	21657699	802712736	9349190991
0	0	5236	765198	59598882	1646910594	14568561378
0	210	18522	2404746	152660550	3146879736	21277766916
21	9	68040	7389837	363330261	5612256783	2915533848
$n = 63, k = 49, d = 5$						
$I = [1, 5, 21]$						
1	0	245637	163160088	22364842437	823274935560	9561458372025
0	378	1432270	638694252	61826237172	1685764639614	14916011880042
0	3654	7734258	2281050900	158000383884	3218277948354	21800325055446
0	35091	37652328	7454947479	374215879800	5736875023215	29874273410576
$n = 63, k = 43, d = 6$						
$I = [1, 5, 21, 23]$						
1	0	2898	2571576	349109523	12863368224	149402255016
0	0	25732	9985752	966049056	26341843800	233060545620
0	252	117432	35659584	2469589752	50283335340	340628344560
0	252	576576	1165281811	5846473080	89637199722	466791854816
$n = 63, k = 40, d = 8$						
$I = [1, 5, 21, 23, 27]$						
1	0	189	310044	43552026	1608143922	18675003858
0	0	3696	1242045	120559446	3292931697	2913443240
0	0	16821	4498902	308740761	6284997432	42580611738
0	0	70434	14628936	731050740	11203461297	58347528988

$n = 63, k = 37, d = 6$						
				$I = [1, 5, 21, 23, 31]$		
1	0	63	36204	5459265	200818359	2335682874
0	0	721	150696	15057756	411515418	3641628501
0	63	2394	555732	38686368	785282715	5321802780
0	0	9135	1834287	91455336	1400384223	7294771442
$n = 63, k = 46, d = 6$						
				$I = [1, 5, 21, 27]$		
1	0	30681	20362440	2795707341	102909950136	1195140218181
0	0	178836	79705584	7728637896	210723014256	1864557063180
0	756	964656	285272136	19748749104	402296107500	2725125397344
0	3591	4744152	931931679	46776370536	717093121563	3734169973744
$n = 63, k = 40, d = 8$						
				$I = [1, 5, 21, 27, 31]$		
1	0	378	321888	43690815	1608175296	18674006316
0	0	3255	1246959	120720537	3292621737	29134187334
0	0	14805	4449573	308523915	6285564243	42580912626
0	0	72576	14569905	730935072	11204198586	58346518720
$n = 63, k = 43, d = 6$						
				$I = [1, 5, 21, 31]$		
1	0	2709	2543226	349609239	12862935414	149396030679
0	0	24031	9986508	965626830	26338729836	23306503425
0	63	127260	35594190	2468704476	50287492017	340629102072
0	441	580734	116560689	5848139682	89638972731	466780955564
$n = 63, k = 45, d = 3$						
				$I = [1, 5, 23]$		
1	0	15057	10192329	1397788749	51459325974	597593615157
0	0	90727	39975012	3863548710	105361463844	932252788593
0	399	480564	142646022	9873743124	201135376953	1362526741800
21	2151	2336166	465978303	23389408287	358549691283	1867157167652
$n = 63, k = 42, d = 6$						
				$I = [1, 5, 23, 27]$		
1	0	1953	1259748	174553785	6432771996	74700238977
0	0	10962	4996341	482718789	13169627667	116531743293
0	21	61047	17903817	1234325673	25140980844	170314651206
0	387	291564	58290939	2924200692	44818726491	233396498104

$n = 63, k = 39, d = 3$						
$I = [1, 5, 23, 31]$						
1	0	252	160335	21801843	804014253	9339040809
0	0	3031	625716	60472188	1645482951	14570018820
0	210	7119	2212344	154572096	3141192411	21292725762
21	9	32445	7237377	365728545	5601614634	29173046462
$n = 63, k = 48, d = 4$						
$I = [1, 5, 27]$						
1	126	125055	81418428	11181949569	411655100850	4780793656359
0	0	726768	319019904	30914849952	842855618304	7457870386512
0	2352	3854592	1141370784	78994629504	1609108420752	10899984356352
0	13365	18917262	3727254195	187110871164	2868509405349	14937378596098
$n = 63, k = 42, d = 6$						
$I = [1, 5, 27, 31]$						
1	0	1953	1271214	174948795	6432870402	74697192927
0	0	11151	4953942	483140448	13169241666	116530031583
0	21	60858	17801064	1233629838	25142850621	170315008164
0	9	304794	58249989	2923544358	44820972567	233394182980
$n = 63, k = 45, d = 3$						
$I = [1, 5, 31]$						
1	0	14679	10197243	1397844315	51454023012	597594768813
0	0	92428	39877866	3864099834	105359481990	932244319314
0	210	486990	142533378	9875222994	201142465776	1362509684172
21	1395	2356956	466017237	23388537753	358557749865	1867151908160
$n = 63, k = 51, d = 3$						
$I = [1, 7]$						
1	63	935613	650757051	89452426077	3293098892307	38245983411321
0	2142	5772634	2555443044	247307453820	6743046661578	59663718252558
0	21378	31279878	9129514716	632004929220	12873091160790	87200870987538
21	142947	150242337	29819679183	1496853120609	22947631863975	119497561905869
$n = 63, k = 48, d = 4$						
$I = [1, 7, 9]$						
1	63	136962	81743634	11183096043	411636174453	4780734357672
0	378	732186	319565988	30913764084	842882306598	7457978578806
0	714	3798522	1140222132	78999393060	1609142663142	10900131102630
0	16380	18733491	3727200141	18710619798	2868448617594	14937169521337

$n = 63, k = 42, d = 4$						
$I = [1, 7, 9, 11]$						
1	63	2646	1368234	174542067	6431934285	74694311748
0	0	13545	4995648	483404166	13174441416	116542776483
0	21	39816	17699094	1234955232	25141878783	170337550320
0	0	287595	58204629	2921853690	44811550854	233374391593
$n = 63, k = 36, d = 4$						
$I = [1, 7, 9, 11, 15]$						
1	63	1764	43932	2746989	101018547	1159545072
0	0	1029	88389	7979643	209726163	1834619346
0	0	567	211743	19012665	394719129	2679848262
0	0	441	779751	44685396	689832108	3632509909
$n = 63, k = 34, d = 4$						
$I = [1, 7, 9, 11, 15, 21]$						
1	63	1764	28812	715869	2668627	295507632
0	0	0	14112	1878912	51932160	448366464
0	0	0	0	4408992	96018048	655361280
0	0	441	208215	11599812	174401388	933331861
$n = 63, k = 28, d = 4$						
$I = [1, 7, 9, 11, 15, 21, 23]$						
1	63	1764	28812	302526	2117682	9882516
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	40353607
$n = 63, k = 25, d = 8$						
$I = [1, 7, 9, 11, 15, 21, 23, 27]$						
1	0	252	3528	37926	264600	1235388
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	5044200	6485409
$n = 63, k = 31, d = 8$						
$I = [1, 7, 9, 11, 15, 21, 27]$						
1	0	252	3528	89901	3334464	36940512
0	0	0	2016	233856	6491520	56052864
0	0	0	0	550368	12007296	81906048
0	0	25767	1453032	21790692	116680704	216322155

$n = 63, k = 30, d = 4$						
$I = [1, 7, 9, 11, 15, 23]$						
1	63	1764	28812	302526	2117682	9882516
0	0	1029	43659	774900	7385724	40131126
0	0	0	0	352947	7714413	58344300
0	0	0	0	0	0	167821668
0	0	0	0	0	0	51883209
$n = 63, k = 27, d = 8$						
$I = [1, 7, 9, 11, 15, 23]$						
1	0	252	3528	37926	264600	11235388
0	0	126	5481	96768	923436	5016060
0	0	0	0	44121	964278	7293132
0	0	0	0	0	0	20977488
0	0	0	0	0	0	6485409
$n = 63, k = 33, d = 8$						
$I = [1, 7, 9, 11, 15, 27]$						
1	0	252	5040	346437	12618144	144955776
0	0	126	11277	997416	26209305	229355028
0	0	189	26208	2373609	49357854	334935594
0	0	0	96831	5591376	86211972	454088544
0	0	0	0	0	0	845958267
$n = 63, k = 40, d = 4$						
$I = [1, 7, 9, 11, 21]$						
1	63	1764	457464	43866837	1605826719	18690664272
0	0	1176	1143072	120691368	3296106240	29114177904
0	0	0	4531464	308212128	6280429176	42580081152
0	0	55125	14269647	732678912	11202040332	58366778701
$n = 63, k = 34, d = 8$						
$I = [1, 7, 9, 11, 21, 23]$						
1	63	1764	44121	1062873	24799950	298762800
0	0	42	25326	2049264	51326520	447912108
0	0	0	122472	4328478	94167738	661306968
0	0	1512	269283	11725749	172742220	937102747
$n = 63, k = 31, d = 8$						
$I = [1, 7, 9, 11, 21, 23, 27]$						
1	0	252	7371	181944	3101868	37135644
0	0	4158	253008	6419112	56045808	1187700666
0	0	0	0	471198	11917584	447912108
0	0	32634	1473507	21558096	82738152	1390436964
0	0	0	0	0	0	1576182552
0	0	0	0	0	0	1727863011

$n = 63, k = 37, d = 8$						
$I = [1, 7, 9, 11, 21, 27]$						
1	0	252	60858	5525289	200736522	2336092080
0	0	378	142128	15067710	412071072	3639347460
0	0	0	549990	38449488	785294370	5322282336
0	0	4914	1800099	91575666	1400108724	7296134916
$n = 63, k = 36, d = 4$						
$I = [1, 7, 9, 11, 23]$						
1	63	2268	92547	3502359	97865334	1160398008
0	0	2205	219051	8770356	204247431	1843720515
0	21	5859	478548	19374831	388243611	2695620438
0	0	19656	1246833	43907535	684672156	3651278659
$n = 63, k = 33, d = 6$						
$I = [1, 7, 9, 11, 23, 27]$						
1	0	252	9765	445536	12222756	145123020
0	0	378	44037	1209600	25414560	230131881
0	21	1260	59724	2415357	48529152	336822444
0	0	0	97650	5401053	85948128	456390900
$n = 63, k = 39, d = 6$						
$I = [1, 7, 9, 11, 27]$						
1	0	252	166950	21803733	804143970	9336392352
0	0	1890	634221	60558309	1646614539	14567852061
0	21	7119	2227113	154240065	3143145852	21291226614
0	0	30618	7246575	365107806	5601635172	29172404772
$n = 63, k = 42, d = 4$						
$I = [1, 7, 9, 15]$						
1	63	4158	1350300	173794005	6437368539	74677540602
0	0	22197	5007114	482465592	13179262302	116531498349
0	63	82278	17628912	1234913106	25141050207	17034255292
0	1134	328545	57762495	2924753076	44800695450	233398458181
$n = 63, k = 40, d = 4$						
$I = [1, 7, 9, 15, 21]$						
1	63	1764	416640	43558389	1608439959	18683449680
0	0	1134	1130094	120763314	3296055042	2911367172
0	0	30618	4575690	307667430	6281305254	42580173636
0	0	53613	14238063	733063464	11200185612	58372007869

$n = 63, k = 37, d = 8$	$I = [1, 7, 9, 15, 21, 27]$
1 0 252 53928 5463045 201022920	2335323648 9378799920
0 0 0 137466 15159816 411827094	3639351744 11316781476
0 0 4158 561960 38436930 785328768	5322299724 12821460624
0 0 7560 1770111 91596456 1400232708	7296250416 13657606011
$n = 63, k = 39, d = 6$	$I = [1, 7, 9, 15, 27]$
1 0 378 169974 21685923 804940542	9334007004 37508163084
0 0 2898 618849 60443271 1646917947	14567132223 45276066234
0 63 11151 2217411 154246197 3142895616	21292614630 51312564198
0 0 40950 7203861 365565438 5600401002	291174304012 54605694087
$n = 63, k = 46, d = 4$	$I = [1, 7, 9, 21]$
1 63 73206 23676114 2816605827 102711436821	1195759722948 4800473249292
0 0 78792 73061352 7725965688 210926292648	1863704815056 5795934293520
0 0 1238328 297318168 19703649672 402218773992	2725603611696 6565929926640
0 0 3546963 912783333 46896877314 716895818982	3734329467001 6991429895415
$n = 63, k = 43, d = 8$	$I = [1, 7, 9, 21, 27]$
1 0 11214 3003336 351821043 12840194304	149464334292 6000704488880
0 0 6552 9062928 966369096 26362094640	232972364016 724477902624
0 0 162288 37196712 2461705680 50283895032	340686664416 820757442960
0 0 413280 114287733 5862374280 89610204222	466796364384 873918187191
$n = 63, k = 37, d = 8$	$I = [1, 7, 9, 21, 27, 31]$
1 0 378 52857 5585076 200702880	2336197920 9375719598
0 0 126 144396 15050574 412262718	3639536460 11319476112
0 0 1134 553014 38336340 785482614	5322185316 12826578492
0 0 5292 1799406 91558593 1399815774	7295283660 13653148005
$n = 63, k = 40, d = 8$	$I = [1, 7, 9, 21, 31]$
1 0 1512 370839 44086329 1604851605	18685491720 75006134406
0 0 546 1142820 120688596 3296219262	29118792780 90560208816
0 0 18270 4627980 307789020 6284254914	42585621876 102597493488
0 0 57393 14265363 732673683 11201177232	58352287882 109237557555

$n = 63, k = 45, d = 6$					
$I = [1, 7, 9, 27]$					
1	0	19656	10373832	1396176831	51459500736
0	0	81648	39699072	105342629472	932294128752
0	336	526176	142738848	201164119632	1362465550656
0	882	2223648	466508385	358546534164	1867161834720
$n = 63, k = 39, d = 6$					
$I = [1, 7, 9, 27, 31]$					
1	0	378	158823	21916188	804068748
0	0	1890	654381	60565554	1646870634
0	21	8694	2215710	154079037	3143149632
0	0	27216	7210854	365071455	5601650670
$n = 63, k = 42, d = 6$					
$I = [1, 7, 9, 31]$					
1	0	1512	1271277	174734721	6432071877
0	0	11655	5045607	483230538	13169507571
0	21	62559	17820306	1234330587	25142087565
0	378	283689	58090851	2923525017	44820633564
$n = 63, k = 45, d = 3$					
$I = [1, 7, 11]$					
1	63	12285	10201023	1397185713	51456977775
0	252	83230	40026420	3863958336	105361275960
0	714	481824	142735824	9875310564	20113845562
21	2079	2353869	465692787	23389467381	358546003263
$n = 63, k = 39, d = 4$					
$I = [1, 7, 11, 15]$					
1	63	1953	141141	22196664	803287674
0	0	1225	661185	60621687	1650832599
0	0	5355	2190699	153889701	3144949101
0	0	33012	7170870	364251825	5592763197
$n = 63, k = 37, d = 4$					
$I = [1, 7, 11, 15, 21]$					
1	63	1764	28812	5859693	20107107
0	0	196	144648	15047172	412448736
0	0	0	551124	37843848	784099764
0	0	7497	1776999	91614852	1400197932

$n = 63, k = 31, d = 4$	$I = [1, 7, 11, 15, 21, 23]$					
1	63	1764	28812	302526	3771054	41725236
0	0	7	4221	312732	6573252	50007762
0	0	0	0	137781	9231327	75993876
0	0	252	43680	1644048	20428128	137482415
$n = 63, k = 28, d = 8$						
1	0	252	3528	37926	677943	9196068
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	63	10920	411012	5107032	29326402
$n = 63, k = 34, d = 8$						
1	0	252	3528	733005	25330032	296685984
0	0	0	17892	1840860	50733648	447956208
0	0	0	68796	4713156	96861744	654513552
0	0	1008	226695	11662056	177567012	926339680
$n = 63, k = 33, d = 4$						
1	63	1764	29379	506835	12373578	139341720
0	0	1036	47880	1393812	29218080	242218872
0	0	0	15876	2094792	503388156	353015712
0	0	252	58989	4425183	77171220	442320347
$n = 63, k = 30, d = 8$						
1	0	252	3528	37926	677943	9196068
0	0	126	5481	173313	4738212	43036056
0	0	0	3969	445137	9324882	61962516
0	0	63	10920	411012	5107032	29326402
$n = 63, k = 36, d = 8$						
1	0	252	18270	2745981	99543906	1158330432
0	0	126	81522	7582050	207424206	1835149932
0	0	630	274554	19429242	396116406	2681370972
0	0	4410	899031	45386838	694576260	3618741700

$n = 63, k = 43, d = 4$

$I = [1, 7, 11, 21]$			
1	63	4032	2943780
0	0	9793	9134622
0	567	165186	37310364
0	0	442953	114107091

$n = 63, k = 37, d = 4$

$I = [1, 7, 11, 21, 23]$			
1	63	4032	234087
0	0	343	206829
0	567	27405	1426068
0	0	12348	2190741

$n = 63, k = 34, d = 8$

$I = [1, 7, 11, 21, 23, 27]$			
1	0	819	29757
0	0	42	25326
0	0	3402	164430
0	0	1575	279300

$n = 63, k = 40, d = 8$

$I = [1, 7, 11, 21, 27]$			
1	0	819	370713
0	0	1176	1140804
0	0	20412	4640328
0	0	55755	14265300

$n = 63, k = 39, d = 3$

$I = [1, 7, 11, 23]$			
1	63	7560	591444
0	252	22750	1608390
0	714	68418	4202604
21	2079	208656	10704960

$n = 63, k = 36, d = 5$

$I = [1, 7, 11, 23, 27]$			
1	0	1197	70245
0	63	3150	214515
0	21	9198	529389
0	126	24255	1285956

$I = [1, 7, 11, 21]$			
1	63	4032	2943780
0	0	9793	9134622
0	567	165186	37310364
0	0	442953	114107091

$I = [1, 7, 11, 21, 23]$			
1	63	4032	234087
0	0	343	206829
0	567	27405	1426068
0	0	12348	2190741

$I = [1, 7, 11, 21, 23, 27]$			
1	0	819	29757
0	0	42	25326
0	0	3402	164430
0	0	1575	279300

$I = [1, 7, 11, 21, 27]$			
1	0	819	370713
0	0	1176	1140804
0	0	20412	4640328
0	0	55755	14265300

$I = [1, 7, 11, 23]$			
1	63	7560	591444
0	252	22750	1608390
0	714	68418	4202604
21	2079	208656	10704960

$I = [1, 7, 11, 21]$			
1	63	4032	2943780
0	0	9793	9134622
0	567	165186	37310364
0	0	442953	114107091

$I = [1, 7, 11, 27]$								
$I = [1, 7, 15]$								
$n = 63, k = 42, d = 5$								
1	0	1575	12633339	174655908	6431354181	74689733412	300040444494	
0	63	11088	5035905	483134967	13170878766	116546207337	362206690146	
0	21	63000	17856531	1234480653	25145465058	170336222091	410499799878	
0	126	288225	58117122	2923545303	44814258279	233363684554	436880063529	
$n = 63, k = 45, d = 4$								
1	63	10017	10000326	1397812689	51457207977	597582843249	2400578083764	
0	0	86527	39950316	3864861630	105363297084	932258225745	2897340189912	
0	63	533484	142922430	9873633084	201142322577	1362541133016	3283660084068	
0	2835	2355255	465736467	23386722534	358550440731	1867126068353	3495401520219	
$n = 63, k = 43, d = 4$								
1	63	1764	2743608	352051749	12842132751	149472090768	600069645000	
0	0	9898	9131346	965752326	26365958094	232957764900	724467430260	
0	0	214326	37541070	2461566618	50273845650	340697377692	820719554508	
0	0	443205	114104991	5861995776	89612856396	466805529197	873956769147	
$n = 63, k = 40, d = 8$								
1	0	252	345366	44023077	1605463650	18687795168	75025722492	
0	0	756	1134756	120750588	3294804492	29113317576	90540242856	
0	0	26460	4684428	307658484	6283186308	42577704792	102567286584	
0	0	58842	14254527	732883662	11204498340	58362437476	109267532955	
$n = 63, k = 42, d = 6$								
1	0	1512	1254834	174659625	6431536566	74688961368	300041879508	
0	0	11781	49666290	483271992	13171254246	116544676941	362208682836	
0	63	63630	17882928	1234331322	25145754543	170336244204	410498704728	
0	0	300510	58220211	2922956442	44815163904	233363576908	436878898659	
$n = 63, k = 49, d = 4$								
1	63	422478	186167562	22520926827	821696446557	9566086330164	38403645586236	
0	0	630532	584497872	61807503240	1687410180624	149096770708	46367644609440	
0	15876	10816848	2386274184	157638358416	3217730249916	21804879033504	52527651368304	
0	0	28373499	7302286509	375175622682	5735156714910	2987453892249	5593121766455	

$n = 63, k = 46, d = 6$	$I = [1, 7, 21, 27]$					
1 0 53172 23289798 2815742349 102713946930 1195760943888						4800468365532
0 0 78036 72995202 7725497346 210926646798 1863706474098						5795930793492
0 1890 1351350 298127466 19703355210 402215192568 2725606786140						6565931635956
0 0 3557610 913015047 46897284798 716894112060 3734330260612						6991432581483
$n = 63, k = 43, d = 6$	$I = [1, 7, 21, 31]$					
1 0 6615 2909634 351698004 12838730184 149468250918						600051841452
0 0 10297 9112068 965443185 26367210282 232965606510						724485997872
0 252 167706 37326933 2463454812 50277368925 340705916460						820744591674
0 0 442512 114230634 5862126690 89608728195 466793161688						873932177601
$n = 63, k = 48, d = 5$	$I = [1, 7, 27]$					
1 0 116046 81274536 11181532131 411638666544 4780738681236						192049382411776
0 441 728028 319345614 30912894432 842883817275 7457979830868						23178457567188
0 2604 3924333 1141340256 78999955902 1609137212004 10900132669503						26268909106944
0 16128 18780048 3727791333 187106473512 2868445730430 14937172512640						27963560143575
$n = 63, k = 45, d = 3$	$I = [1, 7, 31]$					
1 0 13797 10132038 1397435508 51458903685 597592802646						2400600602421
0 0 91735 40010292 3863498436 105359703480 932248590903						2897285169240
0 525 491400 142836876 9874158420 201135920517 1362528778464						3283615869072
21 2268 2324889 465936786 23389879968 358553543481 1867156441010						3495462906537
$n = 63, k = 54, d = 3$	$I = [1, 9]$					
1 945 7533225 5211122553 715612398165 26344854808965 305968249810125						1229118048541341
0 14112 46257120 20446655040 1978467664320 53944188772320 477310174207776						1483417656685440
0 136416 249788448 73023768000 5056084031040 102984360383520 697607177688288						1681206677576832
63 1076175 1202566743 238537466055 11974934004075 183580949886075 95598070421043						1789672387476771
$n = 63, k = 48, d = 3$	$I = [1, 9, 11]$					
1 63 107667 81257085 11184341553 411660246879 4780817454987						19205205607413
0 0 738864 319499712 30915547488 842881491648 7457849734608						2317999682432
0 2352 3971520 1140761952 78991222464 1609093514448 1089987719040						26268486549312
63 14625 18756045 3726894339 187102564047 2868481752129 14937465674005						27964073248587

$n = 63, k = 42, d = 3$						
$I = [1, 9, 11, 15]$						
1	63	1827	1152669	176812209	6449563071	74800179867
0	0	30324	5098464	487207224	13154045184	116461070460
0	1764	104832	17267832	1230541536	25082335404	170211775104
63	3537	226989	56871171	2923535727	44848836081	233624886229
$n = 63, k = 40, d = 4$						
$I = [1, 9, 11, 15, 21]$						
1	63	1764	306264	43984773	1608690447	18653891088
0	0	9639	1352106	123438420	3302942670	29196304515
0	441	26838	4320108	308283570	6286285341	42668942652
0	0	31941	13858047	725967648	11173272012	58262560237
$n = 63, k = 34, d = 4$						
$I = [1, 9, 11, 15, 21, 23]$						
1	63	1764	93639	2608515	35187390	250669272
0	0	9261	392931	6974100	73883403	472358439
0	441	21735	459972	8600823	108011043	691444782
0	0	0	453789	13030227	142582356	760854115
$n = 63, k = 31, d = 6$						
$I = [1, 9, 11, 15, 21, 23, 27]$						
1	0	252	11655	325962	4399164	31331748
0	0	1134	49329	870912	9237402	59041899
0	63	2646	57780	1074465	13502160	86430456
0	0	0	56700	1628991	17821944	95108748
$n = 63, k = 37, d = 6$						
$I = [1, 9, 11, 15, 21, 27]$						
1	0	252	39060	5492025	201101544	2331730128
0	0	1134	164241	15467571	412742259	3649775031
0	63	3591	538911	38533509	785813868	5333514102
0	0	4536	1732563	90728820	1396723860	7282705920
$n = 63, k = 36, d = 3$						
$I = [1, 9, 11, 15, 23]$						
1	63	1764	331338	11063808	156442986	1185437253
0	0	28812	1222452	21697200	236447820	1568384748
0	1764	86940	1839888	31579716	370328868	2299024728
63	3537	86940	3340134	71569008	726192054	3618692875

$n = 63, k = 33, d = 6$						
$I = [1, 9, 11, 15, 23, 27]$						
1	0	252	41454	1382094	19559232	148170477
0	0	3528	153468	2709504	29562120	196039116
0	252	10584	231120	3944892	46294416	287376768
0	513	10584	418068	8946126	90771030	452345208
$n = 63, k = 39, d = 6$						
$I = [1, 9, 11, 15, 27]$						
1	0	315	148680	22053465	806389416	9349608891
0	0	3528	627228	60983244	1643975172	14558193468
0	252	12852	2167740	153752844	3135513024	21276000648
0	513	27720	7119819	365393448	5606176905	29203156732
$n = 63, k = 46, d = 4$						
$I = [1, 9, 11, 21]$						
1	63	26712	20395074	2795664879	102911262741	1195159812378
0	0	198870	79936920	7730125452	210737037048	1864537590762
0	630	978264	285098508	19749538872	402285178890	2725120844208
0	2394	4639635	931603953	46769741298	717083925012	3734218663609
$n = 63, k = 40, d = 4$						
$I = [1, 9, 11, 21, 23]$						
1	63	3465	571809	42587496	1610160678	18660009858
0	0	9744	1500471	123202611	3299668161	29213350173
0	441	63693	4867263	302658867	6307136010	42626821986
0	0	39312	14496006	720743373	11191039461	58229286619
$n = 63, k = 37, d = 6$						
$I = [1, 9, 11, 21, 23, 27]$						
1	0	819	88830	5485284	201041568	2331237678
0	0	1134	187110	15228801	411531252	3653945631
0	63	5292	538029	37672950	789379668	5328629712
0	0	4536	1833930	90710046	1398753279	7275923256
$n = 63, k = 43, d = 6$						
$I = [1, 9, 11, 21, 27]$						
1	0	3654	2599506	349155765	12865691286	149389135098
0	0	20034	9922878	966944034	26337195618	233079904512
0	252	133434	35653914	2467481142	50291049186	340629621444
0	126	560574	116549055	5847081786	89633476674	466779298188

$n = 63, k = 42, d = 3$	$I = [1, 9, 11, 23]$					
1	63	5103	1769103	175307139	6439360221	74860943157
0	0	48699	6336414	479291904	13170983994	116456291595
0	1785	180306	19087272	1214511606	25135975809	170116505748
63	3915	468531	58286781	2903843817	44925948081	233466576721
$n = 63, k = 39, d = 6$	$I = [1, 9, 11, 23, 27]$					
1	0	1197	228564	21701043	803504520	9359348607
0	0	6048	868077	60345999	1644918975	14555747493
0	273	19971	2409723	152491185	3143363706	21258483246
0	513	46872	7026957	363050100	5617905363	29182890240
$n = 63, k = 45, d = 6$	$I = [1, 9, 11, 27]$					
1	0	17577	10355436	1396267425	51462134388	597588651009
0	0	74466	39715452	3868108776	105343796628	932270240538
0	462	536004	142743672	9870905772	201156952374	1362444218856
0	1395	2251620	466042563	23388606108	358553887587	1867205412072
$n = 63, k = 48, d = 3$	$I = [1, 9, 15]$					
1	63	129843	81171741	11185843473	411642516159	478088895307
0	126	771834	318987396	30923002908	842844759498	7457932749582
0	3906	3995334	1139397372	7900205524	1609064852598	1090009037106
63	22689	18758061	3725452899	187105577967	2868498394209	14937385140181
$n = 63, k = 46, d = 4$	$I = [1, 9, 15, 21]$					
1	63	56574	21415674	2786765499	102944924397	1195080030228
0	0	106596	78276240	7751942856	210632688720	1864810404828
0	1764	1248912	285780168	19728280656	402395094108	2724835065120
0	0	4095819	933198525	46777162698	717036581646	3734329966633
$n = 63, k = 43, d = 6$	$I = [1, 9, 15, 21, 27]$					
1	0	9954	2705220	348038271	12869016804	149384716572
0	0	12474	9620100	971101656	26320476636	233118820242
0	630	166572	35709480	2465639316	50301728190	340597011384
0	0	508788	116503569	5847126516	89632083618	466784438568

$n = 63, k = 45, d = 6$						
$I = [1, 9, 15, 27]$						
1	0	21231	10365516	1396707669	51462212004	597591528051
0	0	81270	39600540	3869453952	105337942164	932282473878
0	882	527940	142560720	9870957516	201153423618	1362454742376
0	1521	2264724	465811479	23388716988	358557902829	1867188905736
$n = 63, k = 52, d = 4$						
$I = [1, 9, 21]$						
1	252	1893465	1302986496	178904116125	6586210459836	76492003171605
0	4158	11624298	5112446724	494618741820	13486053893514	119327628416094
0	33138	62390790	18255398940	1264020179940	25746109304454	174401925385842
0	260631	300374676	59632859055	2993731604640	45895208156091	238995003062452
$n = 63, k = 49, d = 4$						
$I = [1, 9, 21, 27]$						
1	189	295722	165916926	22338942003	823380317991	9561256940760
0	0	1223838	634775904	61879363812	168552271840	14916613302234
0	6678	8480304	2283914628	157938733344	3218563890738	21799468968480
0	18396	35993601	7460648181	374228145774	5736743635266	29874780086907
$n = 63, k = 43, d = 6$						
$I = [1, 9, 21, 27, 31]$						
1	0	3213	2598120	349176240	12864270006	149394435540
0	0	17892	9900072	966872277	26336415930	233074137681
0	189	137466	35615169	2467952256	502911725806	340613245980
0	378	569142	116593974	5847265872	89636016645	466789495620
$n = 63, k = 46, d = 6$						
$I = [1, 9, 21, 31]$						
1	0	27594	20328357	2795657256	102908741859	1195180811475
0	0	183624	79912413	7727788845	210719115123	1864502057187
0	567	988407	285212097	19749916305	402286970862	2725034043942
0	4347	4676679	931865214	46778327001	717109366680	3734289575590
$n = 63, k = 51, d = 4$						
$I = [1, 9, 27]$						
1	378	1192275	663780852	89346528873	3293488524438	38245103169651
0	0	4885272	2539023984	247514964480	6742062152784	59666399241624
0	29064	33819408	9137284416	631779125040	12874260159432	87197707221408
0	74601	144012330	29842947099	1496923364916	229470238892177	119499156636678

$n = 63, k = 45, d = 6$						
$I = [1, 9, 27, 31]$						
1	0	18711	10377738	1395911601	51458470938	597578624307
0	0	72954	39688929	3868115391	105346823211	932291775135
0	399	528255	142757595	9872380917	201163549608	1362459506310
0	1521	2259810	466093971	23388013026	358544339685	1867169053764
$n = 63, k = 48, d = 6$						
$I = [1, 9, 31]$						
1	0	116235	81444006	11181262239	411630569658	478073935525
0	0	721539	319584510	30912694848	842876597178	7457989868595
0	2289	3905874	1140910632	79003542870	1609145437977	1090011024404
0	18531	18761778	3727141929	187110665406	2868446009709	14937176779252
$n = 63, k = 51, d = 3$						
$I = [1, 11]$						
1	252	940149	651409668	89456062437	3293131091796	38246079250953
0	1386	5790526	2555688492	247310192052	6743032084782	59663665989018
0	16086	31247874	9127106388	631997590476	12873011105682	87200803732518
84	133443	150330348	29817293751	1496859791968	22947637583871	119497835078468
$n = 63, k = 45, d = 3$						
$I = [1, 11, 15]$						
1	63	7119	10198461	1398237561	51481350207	597667534527
0	0	85204	40505472	3864843864	105357199584	932149544508
0	1764	485856	142733592	9867927552	201088201356	1362408860736
63	3789	2259117	464664459	23389675407	358575454629	1867412326997
$n = 63, k = 43, d = 4$						
$I = [1, 11, 15, 21]$						
1	63	3465	2523234	349682445	12865480173	149372910813
0	0	21805	10257912	967456350	26355100512	233115579711
0	441	120960	35680878	2467757880	50287068027	340720138080
0	63	557739	115663359	5842965618	89604239067	4666709549705
$n = 63, k = 37, d = 4$						
$I = [1, 11, 15, 21, 23]$						
1	63	1764	98742	5626089	200271141	2321433408
0	0	9268	429849	16673139	424525107	3703755573
0	441	21735	648783	36315405	792700398	5401604502
0	0	819	1269219	84068838	1378508796	7187842025

$n = 63, k = 34, d = 6$						
$I = [1, 11, 15, 21, 23, 27]$						
1	0	252	11655	586215	21618387	257261592
0	0	1134	53676	2093553	57324294	514136511
0	63	2646	93501	5280660	111078324	746819892
0	0	63	164577	9955323	154230300	794343214
$n = 63, k = 40, d = 6$						
$I = [1, 11, 15, 21, 27]$						
1	0	630	313488	43590267	1604812104	18638552100
0	0	3087	1282428	120924846	3298719276	29190467313
0	63	14364	4481262	309173004	6297949665	42661580472
0	0	68040	14474397	729797040	11182433094	58234682800
$n = 63, k = 39, d = 3$						
$I = [1, 11, 15, 23]$						
1	63	1764	353514	23118984	816834690	9468372837
0	0	28819	1367667	60516225	1638922845	14494186098
0	1764	87129	2596077	142421055	3109165479	21139465914
63	3537	89460	6606894	355712112	5669897814	29326697435
$n = 63, k = 36, d = 6$						
$I = [1, 11, 15, 23, 27]$						
1	0	252	43029	2827044	105655347	1247092581
0	0	3528	170856	6987708	191391480	1712257596
0	252	10584	342252	17561544	369714240	2491579440
0	513	10647	881454	47810889	749890638	3858972166
$n = 63, k = 42, d = 6$						
$I = [1, 11, 15, 27]$						
1	0	1071	1274364	174702213	6438786228	74717864643
0	0	10584	5056380	482566140	13156099236	116419228380
0	252	59220	17869356	1233223404	25117109136	170150306760
0	513	284004	58134279	2927035692	44863176141	233619546664
$n = 63, k = 49, d \equiv 4$						
$I = [1, 11, 21]$						
1	252	225729	163073904	22361774589	823272040332	9561505725597
0	0	1459360	638613360	61829866224	1685787846672	14915963725488
0	5040	7792848	2281605552	158007469872	3218257050624	21800295947808
0	33327	37592100	7454919759	374201471952	5736870825651	29874354562388

$n = 63, k = 43, d = 4$							$I = [1, 11, 21, 23]$						
1	252	30114	4669980	339272703	12859202664	149488298652	599703419160						
0	0	21952	10860948	971396748	26310230652	233320269924	723988548360						
0	2772	483084	39018492	2429033124	50455927368	340307296056	821727036984						
0	0	642096	120264081	5802809292	89725210722	466484333420	873958231503						
$n = 63, k = 40, d = 6$							$I = [1, 11, 21, 23, 27]$						
1	0	3654	602616	42437115	1603825776	18651736068	74840307408						
0	0	2688	1360800	121238712	3292201968	29218217112	90658342656						
0	504	57456	4821336	304224480	6319838448	42610690080	102883781616						
0	0	79632	15059037	725413752	11197483542	58203568192	109060519239						
$n = 63, k = 46, d = 6$							$I = [1, 11, 21, 27]$						
1	0	28602	20395452	2795257647	102905677980	1195153375668	4801093930296						
0	0	190869	79954308	7728351498	210726138804	1864550492091	579477222920						
0	693	971460	285163146	19751405940	402294894939	2725110331272	6567417797388						
0	3528	4652172	931764225	46776013452	717090225642	3734185917784	6990691931055						
$n = 63, k = 45, d = 3$							$I = [1, 11, 23]$						
1	252	75978	14628852	1391204619	51371079228	598309219368	2399298686316						
0	819	327796	48577914	3815150976	105415980201	932330403900	2896236607068						
0	5124	1232847	154355328	9758497098	201439646604	1361740190517	3284078304192						
84	19980	4252500	474807501	23240818188	359206277346	1865967315380	3497888378439						
$n = 63, k = 42, d = 5$							$I = [1, 11, 23, 27]$						
1	0	9702	1842120	173572371	6423640272	74853999612	300181864752						
0	63	39816	6152706	476746200	13162164813	116439912792	361734741900						
0	840	148491	19338264	1220380434	25161686424	170062227657	410154345552						
0	3096	521136	59136021	2908446408	44944592742	233437478848	437600262519						
$n = 63, k = 48, d = 5$							$I = [1, 11, 27]$						
1	0	112833	81395496	11182028445	411643498392	4780823691357	19205265331728						
0	63	726201	319707234	30913574454	84286287353	7457858495451	23178060159660						
0	2541	3924963	1140882534	78999761106	1609109468127	10899945159705	2626845570228						
0	17775	18737208	3726685935	187111696968	2868498751923	14937418606768	27964047364659						

$n = 63, k = 51, d = 3$						
$I = [1, 15]$						
1	63	950859	651744093	89454284577	3293118106047	38246094734547
0	882	5769694	2556391068	247314143412	6743020589382	59663647564794
0	16758	31148586	9126832212	632004999612	12873018615282	87200763465438
63	140121	15026573	29814876147	1496859228207	22947661928457	119497821071573
$n = 63, k = 49, d = 4$						
$I = [1, 15, 21]$						
1	63	235746	162796746	22363229763	823278625533	9561472053168
0	189	1417255	639030294	61831190106	1685768798559	14915987261973
0	3843	7816473	2282045418	158001094566	3218267201121	21800321143083
0	38052	37653147	7453148997	374208196698	5736884285034	29874298339529
$n = 63, k = 46, d = 6$						
$I = [1, 15, 21, 27]$						
1	0	30555	20409984	2795266593	102906087984	1195151041875
0	0	177030	79821000	7729201116	210725231688	1864548285642
0	630	961128	285178140	19751120424	402295606650	2725111286352
0	4473	4722480	931664307	46774929600	717093875673	3734182271008
$n = 63, k = 48, d = 6$						
$I = [1, 15, 27]$						
1	0	126693	81565848	11181384837	411644821896	4780820632665
0	0	715680	319427136	30915053568	842861460672	7457854543776
0	2016	3842496	1140929280	79000160064	1609108286688	10899949366656
0	17523	18839016	3726668631	187109427960	2868505665039	14937411171088
$n = 63, k = 55, d = 3$						
$I = [1, 21]$						
1	2331	15123465	10423461867	1431232153029	52689699331479	611936269686525
0	26460	92367604	40891039560	3956927930424	10788419497396	954620682767388
0	265860	499267692	146043980280	10112160011016	205968799202796	1395214824471300
189	2173311	240581997	477080206071	23949866904705	36716173902139	1911960818809265
$n = 63, k = 52, d = 4$						
$I = [1, 21, 27]$						
1	189	1889496	1303023918	178904516679	6586207975431	76491994152210
0	3591	11536161	5110872354	494612766774	13486056637101	119327650892163
0	33957	62395515	18255196710	1264020261714	25746116032791	174401928865521
0	271026	300829473	59636621289	2993736531870	45895193079876	238994987821051

$n = 63, k = 49, d = 5$						
$I = [1, 21, 31]$						
1	0	228690	162850380	22363654383	823271951628	9561486485964
0	189	1448461	639106902	61824629790	1685744095503	14915951016183
0	4977	7829577	2281720590	158002551462	3218275474155	21800240912331
0	35280	37526076	7454513409	374224203612	5736912157746	29874373853240
$n = 63, k = 54, d = 4$						
$I = [1, 27]$						
1	1260	7579593	5211801504	715612827069	26344842264972	305968237696485
0	14742	46213650	20445065172	1978458037164	53944183257426	4773102212145494
0	130746	249564798	73022569740	5056088047668	102984379414686	697607164858842
0	1076679	1202918724	238542207183	11974946356800	183580935349707	955980660894532
$n = 63, k = 51, d = 3$						
$I = [1, 31]$						
1	0	941283	651597597	89453699181	3293109196146	38246007112551
0	1512	5768161	2555592732	247306269546	6743013778116	59663758762503
0	17913	31195332	9127143306	632006954796	12873050987391	87200945555472
21	136845	150384402	29817961551	1496871915651	22947632855721	119497588774172
$n = 63, k = 57, d = 2$						
$I = [3]$						
1	8694	60504003	41694285360	5724924932601	210758764737906	2447745204147411
0	107919	369809902	163571562693	15827758584876	431553734636871	3818482363730034
63	1065582	1996949493	584175642156	40448656559031	823875208620786	5580858853971765
756	8654697	9621392382	1908299283051	95799395502216	1468647085518081	7647844084987610
$n = 63, k = 51, d = 3$						
$I = [3, 7]$						
1	630	961191	650939898	89457103449	3293113196646	38245939930695
0	1953	5811841	2555291718	247308840702	6743078842755	59663741638347
0	15309	31221477	9128410830	631993436214	12873093665607	87200949272535
126	136773	150176754	29820231147	1496841427998	22947585590349	119497604631986
$n = 63, k = 48, d = 4$						
$I = [3, 7, 9]$						
1	189	125622	81264582	11178709731	411630924159	4780729306164
0	0	729162	319406472	30916824372	842894894376	7457982671286
0	1386	3882312	1142060724	79005689448	1609146091350	10900136934288
0	17136	18785529	3726875397	187097793750	2868437557062	14937175353275

$n = 63, k = 42, d = 4$							$I = [3, 7, 9, 15]$						
1	189	14112	1375227	171911565	6442613100	74675730654	300113510382						
0	0	5355	4531590	486316089	13155803076	116560240020	362125559124						
0	630	99036	18188541	1232724150	25150516587	170291297232	410488443498						
0	1638	336042	57933855	2926778967	44810488044	233413989613	436894847235						
$n = 63, k = 40, d = 4$							$I = [3, 7, 9, 15, 21]$						
1	189	14112	728847	46716453	1595117286	18670963752	75101045166						
0	0	1512	1416366	129898188	3246813360	29206922598	90512898084						
0	630	83160	5793732	309498462	6254611020	42653733192	102555188064						
0	0	70308	16621983	730492371	11168590104	58463554345	109085040603						
$n = 63, k = 37, d = 4$							$I = [3, 7, 9, 15, 21, 27]$						
1	189	14112	664020	20779038	325714662	2441776428	8687193732						
0	0	0	0	0	162771336	3814772598	12075603120						
0	630	83160	3904488	89985168	977384772	5066814816	12168287208						
0	0	0	0	0	1145659788	8047077381	13690990089						
$n = 63, k = 39, d = 4$							$I = [3, 7, 9, 15, 27]$						
1	189	14112	664020	24975594	790002990	9322945506	37640041236						
0	0	3843	1174383	70236936	1587307620	14670231408	45227606130						
0	630	83160	4798836	155379735	3097297791	21394714572	51230380572						
0	1638	210168	11000052	361062576	5556261312	29336577669	54394934265						
$n = 63, k = 46, d = 4$							$I = [3, 7, 9, 21]$						
1	189	59094	23367078	2816068563	102718574847	1195768031556	4800461625540						
0	0	78750	73062864	7724765412	210918901536	1863702703674	5795942392800						
0	630	1324512	297996804	19701838800	402207225714	2725606171008	6565942473048						
0	0	3544569	912955701	46900801206	716903268102	3734324749099	6991420107735						
$n = 63, k = 43, d = 4$							$I = [3, 7, 9, 21, 27]$						
1	189	23373	3232719	348431832	12857779242	149424552858	600130892718						
0	0	9072	8910972	968972382	26357304960	232971826878	724479313320						
0	630	263088	36749286	2462104764	50281239708	340687695600	820760476284						
0	0	421848	113496390	5864294835	89600944041	466833545745	873854028369						

$n = 63, k = 45, d = 4$		$I = [3, 7, 9, 27]$	
1	189	46809	10722663
0	0	146349	39506355
0	1386	696465	142059645
0	6930	2683044	462096684
$n = 63, k = 45, d = 4$		$I = [3, 7, 15]$	
1	189	31122	9995958
0	0	93436	39610305
0	1197	469287	142825851
0	1638	2469285	464850351
$n = 63, k = 43, d = 4$		$I = [3, 7, 15, 21]$	
1	189	31122	4696335
0	0	55573	13838895
0	1197	389907	46931472
0	0	1033830	133877835
$n = 63, k = 49, d = 4$		$I = [3, 7, 21]$	
1	630	447678	186411036
0	0	630637	584492832
0	10017	10747800	2385115110
0	0	28373310	7302313893
$n = 63, k = 46, d = 4$		$I = [3, 7, 21, 27]$	
1	630	151704	25487742
0	0	74088	72291366
0	4914	2096514	293991894
0	0	3445092	910828611
$n = 63, k = 48, d = 3$		$I = [3, 7, 27]$	
1	630	315756	84897498
0	1953	1335054	319942854
0	10206	5378877	1130197572
126	63630	21560490	3695665617

$n = 63, k = 54, d = 2$						
$I = [3, 9]$						
1	1890	7618779	5211090612	715609187433	26344985684094	305967441158715
0	5103	46340910	20445025797	1978545305772	53943978329703	477310488001074
63	158382	248837589	73033123500	5056007135991	102984546693042	697607924250069
0	1040769	1203928866	238514503899	11974896772020	183581251827561	955979609265982
$n = 63, k = 48, d = 2$						
$I = [3, 9, 15]$						
1	1890	484785	88332930	11118237795	411835859568	4780476756279
0	0	428652	300187377	31195406718	841669842972	7460746304886
63	35910	6184836	1140393654	78888486411	1609790297976	10898202980448
0	6561	15125292	3718120077	187141623354	2868432524055	14937126924706
$n = 63, k = 46, d = 2$						
$I = [3, 9, 15, 21]$						
1	1890	484785	43278543	2969456112	102223443987	1194487450002
0	0	137781	97273386	8322600069	207592831179	1870257486384
63	35910	4944807	369627057	19810703304	400572492453	2728790150814
0	0	5373459	1084213998	46625850747	714869714349	3741859604392
$n = 63, k = 43, d = 2$						
$I = [3, 9, 15, 21, 27]$						
1	1890	484785	39558456	1335097890	20827527084	156206453130
0	0	0	0	0	10460353203	244074908070
63	35910	4944807	254304360	5785424190	62482581252	324428787270
0	0	0	0	0	73222472421	515269250370
$n = 63, k = 45, d = 2$						
$I = [3, 9, 15, 27]$						
1	1890	484785	39558456	1703386503	50283175950	596771809767
0	0	290871	77671062	4590645759	101385603291	939192753492
63	35910	4944807	268653267	10048643892	198100832895	1369528535214
0	6561	6031746	695327409	23138071992	355285138887	1878286295214
$n = 63, k = 52, d = 2$						
$I = [3, 9, 21]$						
1	1890	1862595	1303163316	178902914841	6586214378814	76492026642675
0	5103	11436390	5112837765	494679915324	13485912071463	119327320500570
63	35910	62353557	18255953340	1264017545847	25746117010362	174401749773909
0	253449	301555170	59612822283	2993685961140	45895597421121	238994791061950

$n = 63, k = 49, d = 2$						
$I = [3, 9, 21, 27]$						
1	1890	622566	173359116	22270197915	823585058478	9560933183172
0	0	826686	617121099	62144925948	1684386480258	14919159561642
63	35910	10685682	2285114652	157821099597	3219272714322	21797388141228
0	0	32240754	7453906173	374257714572	5736709097910	29874939085950
$n = 63, k = 51, d = 2$						
$I = [3, 9, 27]$						
1	1890	1342089	661850028	89358481989	3293431471638	38245359997677
0	0	5189751	2533644603	247628099754	6741644762538	59667055499205
63	51219	33996186	9132260922	631819798365	12874076424657	87198159950748
0	98415	145037466	29816616375	1496909065932	22947415898715	119498041361454
$n = 63, k = 51, d = 2$						
$I = [3, 15]$						
1	1890	1342089	646556337	89496814113	3292742107368	38247714637545
0	10395	6647515	2540939625	247502595438	6742210616967	59665638339405
63	51219	32756157	9097540110	632234335467	12872311092837	87201557978913
189	277083	150957324	29784204387	1496887743015	22948011947763	119495861974538
$n = 63, k = 49, d = 2$						
$I = [3, 15, 21]$						
1	1890	1204308	276323481	24387885459	815557342824	9560459812050
0	10395	5116615	928112661	64388419074	1670202997371	14940033240069
63	51219	20815137	2924324370	159786785991	3197635205121	21848849377929
189	270522	77964012	8689435461	372725901135	5720020213824	29932152654698
$n = 63, k = 55, d = 2$						
$I = [3, 21]$						
1	3591	15083901	10423962003	1431231851133	52689659142267	611936467389849
0	30807	92303638	40894471989	3956983235100	107888351148255	954620289432810
63	262710	499381533	146041583004	10112179901607	205968782492298	1395214482204333
189	2156931	2405921049	477059017071	23949810643689	367162055843751	1911960909992357
$n = 63, k = 52, d = 2$						
$I = [3, 21, 27]$						
1	3591	3648078	1373163834	178301524779	6588285988725	76487665478196
0	0	6751269	5000761395	495984625542	13479708164418	119344561987959
63	124929	79195410	18293356566	1262776633461	25752839301315	174383132966028
0	0	263299491	59766841197	2994095957706	45891970659486	239003278187905

$n = 63, k = 54, d = 2$				$I = [3, 27]$			
1	3591	8684739	5198089701	715734219249	26343925342119	305972413409019	1229108447180061
0	31185	48830628	20402823105	1978897105584	53942164375869	477315894304116	1483410625810029
63	232092	253529199	72945046224	5056655107539	102982463115084	697609404898371	1681208798419584
567	1461105	1203456933	238482171459	11975074029639	1835581430317649	955975904379181	1789682878367307
$n = 63, k = 57, d = 2$				$I = [7]$			
1	16191	61272981	41672850219	5725085802093	210758576241843	2447743326924609	9832949395809183
0	145089	370134142	163560337479	15827722330140	431554784792337	3818476448872722	11867351018513823
189	1183854	1995025347	584224295004	40448112965085	823877562182850	5580854965314027	13449656387089608
1029	9054171	9612110529	1908429786207	95798594075121	1468649143240335	7647846397230221	14317366580331507
$n = 63, k = 54, d = 3$				$I = [7, 9]$			
1	2331	7674408	5209357608	715637455911	26344827080901	305967918773538	1229118657802686
0	18207	46274445	20445253794	1978467606990	53944360142949	477309588390999	1483418922585516
0	145425	249308451	73027305918	5056010796690	102984689692395	697606875258489	1681207078807956
126	1130850	120146771	238552948809	11974818502332	183581121536820	955980758122117	1789670781296559
$n = 63, k = 52, d = 4$				$I = [7, 9, 21]$			
1	2331	3571470	1492751442	180186047307	6573596102577	76528628861748	307228971862764
0	0	5044200	4675973904	494459937216	13499283740208	119277452647080	370941282857376
0	101304	85584240	19081012608	1261079409744	25741845743544	174439167059808	420221420622528
0	0	226989063	58418334093	3001404798882	45881243422686	238996241017933	447449560189191
$n = 63, k = 49, d = 4$				$I = [7, 9, 21, 27]$			
1	756	533106	189323316	22503313791	821776861080	9565756126332	38404302539400
0	0	423360	580932072	61863180120	1687216522488	1491026708104	46366713944208
0	17640	11271960	2387811384	157562839560	3218131908432	21803995754352	52528788653040
0	0	26354160	7309668177	375159096900	5735027697714	29874952168068	55930493061135
$n = 63, k = 51, d = 4$				$I = [7, 9, 27]$			
1	756	1210104	663675012	89351146899	3293473805496	38245029497262	153641583028584
0	0	4899825	2539822572	247519858698	6742101266316	59666383849527	185422848112152
0	29001	33760188	9137033514	631770620796	12874329769455	87197668101432	210155633075052
0	84798	143671248	29842246917	1496900553876	22947007733244	119499114486276	223706825503623

$n = 63, k = 55, d = 2$				$I = [7, 21]$			
1	16191	28448910	11939939466	1441472837931	52588709766621	612228909206964	2457831634494012
0	0	40353607	37407793689	3955679620578	107994271993734	954219636717165	2967530321913003
189	830907	685239030	152654317074	10088668085727	205934857213617	1395513476886564	3361771486667244
0	0	1815912315	467346652269	24011237825946	367049941165278	1911969895335689	3579596390248263
$n = 63, k = 60, d = 2$				$I = [9]$			
1	74025	484071777	333552494457	45799401160485	1686070226017485	19581961572436725	78663536635960269
0	877716	2958500160	1308556055268	126621889238880	3452429486291940	30547859766094944	94938750420079860
252	8498784	15975875916	4673409112800	323589216365100	6591001523904000	44646871587555132	107597250279519168
5103	69159015	76973439375	15266460370455	766395500769675	11749176749064195	61182750453661627	114539009146768899
$n = 63, k = 58, d = 2$				$I = [9, 21]$			
1	18900	121032387	83387768646	11449850537097	421517578075272	4895490359707395	19665883835383554
0	220563	739631130	327140489277	31655490060852	8631074067448883	7636964953351734	23734687801663125
63	2120202	3993999849	1168353201780	80897296319343	1647750359527398	11161718061531345	26899312975937304
1134	17287641	19243184688	3816608614203	191598843501450	2937294166937697	15295687550216500	28634751938790459
$n = 63, k = 55, d = 2$				$I = [9, 21, 27]$			
1	6993	19098828	10619928774	1429544660607	52695849235491	611921629456494	2458262554811748
0	0	78152445	40623566067	3960230438934	107873001448386	954662687967807	2966764028062905
63	456057	541173906	14619794334	10108455128373	205988120022699	1395163536858252	3362491820630628
0	1194102	2304325989	477490517217	23950786858614	367152285512880	1911985904958087	357931019706303
$n = 63, k = 57, d = 2$				$I = [9, 27]$			
1	28098	76393107	42479731476	5718178660761	210783395785662	2447686524697155	9833050212619032
0	0	312487308	16248844044	15840861236424	431491809334824	3818650565630628	11867056128569124
252	1824060	2164701672	584791685640	40433821094772	823952479181076	5580654138316656	13449967322243760
0	4782969	9218375586	1909984014603	95803272833940	1468609370904753	76479433703168286	14317240731186267
$n = 63, k = 61, d = 2$				$I = [21]$			
1	150255	968259285	667102398963	91598804014221	3372140609061651	39163922868711585	15732707984945847
0	1759590	5916560860	261711791378	253243803631896	6904858733869494	61095718477380132	189877501145502450
630	16964892	31951944738	9346825122840	647178375389574	13182002902214244	89293744407179970	215194503170981712
9261	138362427	153948263553	30532910686719	1532791017851625	2349835417798031	122365501721797565	229078016514241587

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