Tables, bounds and graphics of sizes of complete lexiarcs in the plane $\mathrm{PG}(2,q)$ for all $q \leq 301813$ and sporadic q in the interval $[301897 \ldots 430007]$ obtained by an algorithm with fixed order of points (FOP)*

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Abstract. In the previous works of the authors, a step-by-step algorithm FOP which uses any *fixed order of points* in the projective plane $\mathrm{PG}(2,q)$ is proposed for constructing small complete arcs. In every step, the algorithm adds to a running arc the first point in the fixed order not lying on the bisecants of the arc. The algorithm is based on the intuitive postulate that $\mathrm{PG}(2,q)$ contains a sufficient number of relatively small complete arcs. Also, in the previous papers, it is shown that the type of order on the points of $\mathrm{PG}(2,q)$ is not relevant. In this work we **collect the sizes of complete lexiarcs** (i.e. complete arcs in $\mathrm{PG}(2,q)$ obtained by the algorithm FOP with the lexicographical orders of points) in the following regions:

all $q \le 301813$, q prime power;

23 sporadic q's in the interval $[301897 \ldots 430007]$, see Table 2.

In the work [9], the smallest *known* sizes of complete arcs in $\mathrm{PG}(2,q)$ are collected for all $q \le 160001$, q prime power. The sizes of complete arcs collected in this work and in the work [9] provide the following upper bounds on the smallest size $t_2(2,q)$ of a complete arc in the projective plane $\mathrm{PG}(2,q)$:

$$\begin{aligned}
&t_2(2,q) < 0.998\sqrt{3q\ln q} < 1.729\sqrt{q\ln q} && \text{for} && 7 \le q \le 160001;\\
&t_2(2,q) < 1.05\sqrt{3q\ln q} < 1.819\sqrt{q\ln q} && \text{for} && 7 \le q \le 301813;\\
&t_2(2,q) < \sqrt{q}\ln^{0.7295} q && \text{for} && 109 \le q \le 160001;\\
&t_2(2,q) < \sqrt{q}\ln^{0.7404} q && \text{for} && 160001 < q \le 301813.
\end{aligned}$$

Our investigations and results allow to conjecture that the 2-nd and 3-rd bounds above hold for all $q \ge 109$.

In addition, it is shown that sizes of complete lexiarcs in $\mathrm{PG}(2,q)$, $q \gtrapprox 90000$, exceed the smallest known sizes of complete arcs by only at most 6%. It is noted also that sizes of the random complete arcs and complete lexiarcs behave similarly.

This work can be considered as a continuation and development of the paper [10].

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1 Introduction. The main results

Let $\mathrm{PG}(2,q)$ be the projective plane over the Galois field $\mathbb{F}_q$ of q elements. An n-arc is a set of n points no three of which are collinear. An n-arc is called complete if it is not contained in an $(n+1)$-arc of $\mathrm{PG}(2,q)$. For an introduction to projective geometries over finite fields see [50, 74, 75].

The relationship among the theory of n-arcs, coding theory, and mathematical statistics is presented in [52, 53], see also [59, 60]. In particular, a complete arc in the plane $\mathrm{PG}(2,q)$,

the points of which are treated as 3-dimensional q-ary columns, defines a parity check matrix of a q-ary linear code with codimension 3, Hamming distance 4, and covering radius 2. Arcs can be interpreted as linear maximum distance separable (MDS) codes [80, Sec. 7], [82] and they are related to optimal coverings arrays [48], superregular matrices [55], and quantum codes [22].

A point set $S \subset \mathrm{PG}(2,q)$ is 1-*saturating* if any point of $\mathrm{PG}(2,q) \setminus S$ is collinear with two points in S [20, 32, 33, 43, 83]. The points of a 1-saturating set in $\mathrm{PG}(2,q)$ form a parity check matrix of a *linear covering code* with codimension 3, Hamming distance 3 or 4, and covering radius 2. An open problem is to find small 1-saturating sets (respectively, short covering codes). A complete arc in $\mathrm{PG}(2,q)$ is, in particular, a 1-saturating set; often the smallest known complete arc is the smallest known 1-saturating set [20, 32, 33, 43, 69]. Let $\ell_1(2,q)$ be the smallest size of a 1-saturating set in $\mathrm{PG}(2,q)$. In [24, 58], for q large enough, by probabilistic methods the following upper bound is proved (for $3\sqrt{2}$ see [24, p. 24]):

$$\ell_1(2,q) < 3\sqrt{2}\sqrt{q\ln q} < 5\sqrt{q\ln q}. \tag{1.1}$$

Let $t_2(2,q)$ be **the smallest size of a complete arc in the projective plane** $\mathrm{PG}(2,q)$**.**

One of the main problems in the study of projective planes, which is also of interest in coding theory, is the finding of the spectrum of possible sizes of complete arcs. In particular, the value of $t_2(2,q)$ is interesting. Finding estimates of the minimum size $t_2(2,q)$ is a hard open problem, see e.g. [54, Sec. 4.10].

This paper is devoted to *upper bounds* on $t_2(2,q)$.

Surveys of results on the sizes of plane complete arcs, methods of their construction, and the comprehension of the relating properties can be found in [8–10, 12, 14, 17, 19, 28, 29, 37, 43, 49, 50, 52–54, 56, 63, 70, 71, 74–77, 79–81].

Problems connected with small complete arcs in $\mathrm{PG}(2,q)$ are considered in [1–18, 20, 21, 23, 26–33, 35–47, 49–54, 56, 57, 61–65, 68–71, 73–81, 84–87], see also references therein.

The exact values of $t_2(2,q)$ are known only for $q \le 32$; see [2, 26, 27, 36, 46, 50, 51, 64, 65] and the paper [20] where the equalities $t_2(2,31) = t_2(2,32) = 14$ are established.

The following lower bounds hold (see [3, 23, 73, 74] and references therein):

$$t_2(2,q) > \begin{cases} \sqrt{2q}+1 & \text{for any } q, \\ \sqrt{3q}+\frac{1}{2} & \text{for } q = p^h,\ p \text{ prime},\ h = 1,2,3. \end{cases} \tag{1.2}$$

Let $t(\mathcal{P}_q)$ be the size of the smallest complete arc in any (not necessarily Desarguesian) projective plane $\mathcal{P}_q$ of order q. In [56], for q *large enough*, the following result is proved by *probabilistic methods* (we take into account the remark [56, p. 320] that all logarithms in [56] have the natural base):

$$t(\mathcal{P}_q) \le \sqrt{q}\ln^C q,\ C \le 300, \tag{1.3}$$

where C is a constant independent of q (so-called universal or absolute constant). The authors of [56] conjecture that the constant C can be reduced to $C = 10$. A survey and analysis of random constructions for geometrical objects can be found in [24, 39, 56, 58].

In $\mathrm{PG}(2,q)$, complete arcs are obtained by *algebraic constructions* (see [53, p. 209]) with sizes approximately $\frac{1}{3}q$ [1, 12, 57, 76–78, 87], $\frac{1}{4}q$ [12, 57, 79], $2q^{0.9}$ for $q > 7^{10}$ [76], and $2.46q^{0.75}\ln q$ for big prime q [47]. It is noted in [39, Sec. 8] that the smallest size of a complete arc in $\mathrm{PG}(2,q)$ obtained via algebraic constructions is

$$cq^{3/4} \tag{1.4}$$

where c is a universal constant [79, Sec. 3], [80, Th. 6.8].

Thus, there is a substantial gap between the known upper bounds and the lower bounds on $t_2(2,q)$, see (1.2)–(1.4). The gap is essentially reduced if one consider the lower bound (1.2) for complete arcs and the upper bound (1.1) for 1-saturating sets. However, though complete arcs are 1-saturating sets, they represent a narrower class of objects. Therefore, for complete arcs, one may not use the bound (1.1) directly. Nevertheless, the common nature of complete arcs and 1-saturating sets allows to hope for upper bounds on $t_2(2,q)$ similar to (1.1). The hope is supported by numerous experimental data, see below.

In [56, p. 313], it is noted (with reference to the work [23]) that in a preliminary report of 1989, J.C. Fisher obtained by computer search complete arcs in many planes of small orders and conjectured that the average size of a complete arc in $\mathrm{PG}(2,q)$ is about $\sqrt{3q\log q}$.

In [8], see also [7], an attempt to obtain a theoretical upper bound on $t_2(2,q)$ with the main term of the form $c\sqrt{q\ln q}$, where c is a small universal constant, is done. The reasonings of [8] are based on explanation of the working mechanism of a step-by-step greedy algorithm for constructing complete arcs in $\mathrm{PG}(2,q)$ and on quantitative estimations of the algorithm. For more than half of the steps of the iterative process, these estimations are proved rigorously. The natural (and well-founded) conjecture that they hold for the rest of steps is done, see [8, Conject. 2]. As a result the following conjectural upper bounds are formulated.

Conjecture 1.1. **[8]** *In* $\mathrm{PG}(2,q)$*, under conjecture given in* [8, Conject. 2]*, the following estimates hold:*

$$t_2(2,q) < \sqrt{q}\sqrt{3\ln q + \ln(3\ln q)} + \sqrt{\frac{q}{3\ln q}} + 3, \tag{1.5}$$

$$t_2(2,q) < 1.87\sqrt{q\ln q} < 1.08\sqrt{3q\ln q}. \tag{1.6}$$

Moreover, in [8] it is conjectured that the upper bounds (1.5), (1.6) hold for all q without any extra conditions.

Denote by $\overline{t}_2(2,q)$ **the smallest *known* size of a complete arc in the projective plane** $\mathrm{PG}(2,q)$**.** Clearly,

$$t_2(2,q) \le \overline{t}_2(2,q). \tag{1.7}$$

From [12, 14], see also references therein, it follows that $\overline{t}_2(2,q) < 4\sqrt{q}$ for $q \le 841$ and $q = 857$. Complete $(4\sqrt{q}-4)$-arcs are obtained for odd $q = p^2$ with $p \le 41$ and $p = 7^2$ [40,45]

and for $q = 2^6, 2^8, 2^{10}$ [31, 35]. So,

$$t_2(2,q) < 4\sqrt{q} \quad \text{for } q \le 841,\ q = 857, 31^2, 2^{10}, 37^2, 41^2, 7^4.$$

For $q \le 151$, a number of improvements of $\overline{t}_2(2,q)$, in comparison with [12, 14], are given in [69] and cited in [6].

For $q \le 13627$ and sporadic $q \le 45893$, the values of $\overline{t}_2(2,q)$ (up to January 2013) are collected in [12, 14] where the following results are obtained:

$$t_2(2,q) < 4.5\sqrt{q} \text{ for } q \le 2647,\ q = 2659, 2663, 2683, 2693, 2753, 2801;$$
$$t_2(2,q) < 5\sqrt{q} \text{ for } q \le 9497,\ q = 9539, 9587, 9613, 9623, 9649, 9689, 9923, 9973.$$

Let Q_1, Q_2, Q_3, Q_4, and Q be the following sets of values of q:

$$Q_1 = \{2 \le q \le 49727,\ q \text{ prime power}\} \cup \{2 \le q \le 150001,\ q \text{ prime}\} \cup \{40 \text{ sporadic prime } q\text{'s in the interval } [150503 \dots 410009]\}; \tag{1.8}$$
$$Q_2 = \{49727 < q \le 150001,\ q = p^h,\ h \ge 2,\ p \text{ prime}\} \cup \{430007\}; \tag{1.9}$$
$$Q_3 = \{150001 < q \le 160001,\ q \text{ prime power}\}; \tag{1.10}$$
$$Q_4 = \{34 \text{ sporadic } q\text{'s in the interval } [160801 \dots 430007]\}; \tag{1.11}$$
$$Q = Q_1 \cup Q_2 \cup Q_3 \cup Q_4 = \{2 \le q \le 160001, q \text{ prime power}\} \cup \{34 \text{ sporadic } q\text{'s in the interval } [160801 \dots 430007]\}. \tag{1.12}$$

For $q \in Q_1$, the values of $\overline{t}_2(2,q)$ (up to August 2014) are collected in the work [6]. The values of q in the interval $[150503 \dots 410009]$, corresponding to the 2-nd row of the formula (1.8), are given in [6, Tab. 6]. For $q \in Q_2$, the values of $\overline{t}_2(2,q)$ are obtained in [8] and collected in [9, Tab. 2] and [10, Tab. 1]. For $q \in Q_3$ the values of $\overline{t}_2(2,q)$ are obtained in [10] and collected in [9, Tab. 6]. The values of q in the interval $[160801 \dots 430007]$ corresponding to Q_4 and the 2-nd row of the formula (1.12) are given in [9, Tab. 3]. They are obtained in [6,9,10].* For $q = 2^{18}$ the result of [30] is used, see (1.13) below. Note that $160801 = 401^2$.

From results collected in [6], we have

$$t_2(2,q) < 5.5\sqrt{q} \text{ for } q \le 38557,\ q \ne 36481, 37537, 37963, 38039, 38197.$$

For even $q = 2^h$, small complete arcs in planes are a base for inductive infinite families of small complete caps in the projective spaces $\mathrm{PG}(N,q)$, see [31]. For $h \le 15$, the smallest known sizes of complete arcs in $\mathrm{PG}(2,2^h)$ are collected in [6], see also [12, 14, 29, 31, 35] and references therein. For $q = 2^{16}, 2^{17}$ complete arcs are obtained in [8]. Finally, complete

*In the works [5, 6, 8–11] and in the present work, the most of calculations are done using computational resources of Multipurpose Computing Complex of National Research Centre "Kurchatov Institute", http://computing.kiae.ru

$(6\sqrt{q}-6)$-arcs in $\mathrm{PG}(2,4^{2a+1})$, are constructed in [30]; for $a \le 4$ it is proved that they are complete. This gives a complete 3066-arc in $\mathrm{PG}(2,2^{18})$. For $h \ge 11$, sizes of the smallest known complete arcs in $\mathrm{PG}(2,2^h)$ are as follows:

$$\overline{t}_2(2,2^{11}) = 199,\ \overline{t}_2(2,2^{12}) = 300,\ \overline{t}_2(2,2^{13}) = 449,\ \overline{t}_2(2,2^{14}) = 665,$$
$$\overline{t}_2(2,2^{15}) = 987,\ \overline{t}_2(2,2^{16}) = 1453,\ \overline{t}_2(2,2^{17}) = 2141,\ \overline{t}_2(2,2^{18}) = 3066. \tag{1.13}$$

Note that, for $q \in Q$, in the works [5,6,8–12,14], the most of the values $\overline{t}_2(2,q)$ have been obtained by computer search using randomized greedy algorithms described in [10,12,14,17, 28,29,34]. In every step, a step-by-step greedy algorithm adds to an incomplete running arc a point providing the maximum possible (for the given step) number of new covered points.

Another way for obtaining of small plane complete arcs is applying a step-by-step algorithm with fixed order of points (FOP), see [11, 15, 17, 18, 21]. The algorithm FOP fixes a particular order on points of $\mathrm{PG}(2,q)$. In every step, the algorithm FOP adds to an incomplete running arc the next point in this order not lying on bisecants of this arc. For both prime and non-prime q, a lexicographical order of points can be used, see Section 2.

We call a *lexiarc* an arc obtained by the algorithm FOP with lexicographical order of points.

Note that the sizes of complete arcs obtained by the algorithm FOP vary insignificantly with respect to the order of points, see [17, 18, 21].

Let $t_2^L(2,q)$ be **the size of a complete lexiarc in the projective plane** $\mathrm{PG}(2,q)$**.**

Let L_1, L_2, L_3, L_4, and L be the following sets of values of q:

$$L_1 = \{q \le 67993,\ q \text{ prime}\} \cup$$
$$\{43 \text{ sporadic prime } q\text{'s in the interval } [69997 \dots 190027]\}; \tag{1.14}$$
$$L_2 = \{q \le 67993,\ q = p^h,\ h \ge 2,\ p \text{ prime}\}; \tag{1.15}$$
$$L_3 = \{67993 < q \le 301813,\ q \text{ prime power}\}; \tag{1.16}$$
$$L_4 = \{23 \text{ sporadic } q\text{'s in the interval } [301897 \dots 430007],\ \text{see Table 2}\}; \tag{1.17}$$
$$L = L_1 \cup L_2 \cup L_3 \cup L_4 = \{q \le 301813,\ q \text{ prime power}\} \cup$$
$$\{23 \text{ sporadic } q\text{'s in the interval } [301897 \dots 430007],\ \text{see Table 2}\}. \tag{1.18}$$

For $q \in L_1$, the values of $t_2^L(2,q)$ are collected in the work [15]. The values of q in the interval $[69997 \dots 190027]$ corresponding to the 2-nd row of the formula (1.14) are given in [15, Tab. 2]. A few values of $t_2^L(2,q)$ for prime $q \in L_3$ are given in [11]. The rest of values of $t_2^L(2,q)$ for $q \in L_3$ and all the values for $q \in L_2 \cup L_4$ are obtained in [10] and in this work. The values of $t_2^L(2,q)$ for $q \in L_2$ and for *non-prime* $q \in L_3$ are given in [10, Tab. 3] and in Table 1 of this work. (Thus, Table 1 contains sizes $t_2^L(2,q)$ for all non-prime q's in the region $[4 \dots 300763]$). All values of $t_2^L(2,q)$ for $q \in L_3$ are given in Tables 4 and 5 of this work. The values of $t_2^L(2,q)$ corresponding to L_4 are presented in Table 2 of this work.

It should be emphasized that in the present work we use the computer search results for **all prime power** q in the regions $q \le 160001$ with greedy algorithms and $q \le 301813$ with the algorithm FOP. In this sense, we say that **computer search** in the noted regions and the **arc sizes collection** are **complete**.

In the works of the authors [4, 14, 17, 18, 21], non-standard types of upper bounds on $t_2(2,q)$ are proposed. They are based on *decreasing functions* $c(q)$ and $\varphi(q;D)$ defined by the following relations:

$$t_2(2,q) = \sqrt{q}\ln^{c(q)} q, \quad c(q) = \frac{\ln(t_2(2,q)/\sqrt{q})}{\ln\ln q}, \tag{1.19}$$

$$t_2(2,q) = D\sqrt{q}\ln^{\varphi(q;D)} q, \quad \varphi(q;D) = \frac{\ln(t_2(2,q)/D\sqrt{q})}{\ln\ln q}, \tag{1.20}$$

where D is a universal constant independent of q.

Also, in the paper [10], the function $h(q)$ is defined so that

$$t_2(2,q) = h(q)\sqrt{3q\ln q}. \tag{1.21}$$

The *non-standard types of upper bounds* estimate the functions $c(q)$, $\varphi(q;D)$, and $h(q)$ instead of $t_2(2,q)$. This allows to do estimates and graphics more expressive, see Figures 1 – 14 below.

We denote the following set of values of q:

$$Q_4^* = \{q \,:\, q \in Q_4, q \le 190027\} \cup \{q = 2^{18}, 380041\} \subset Q_4. \tag{1.22}$$

The following theorem summarizes the main results of this work using the mentioned types of upper bounds. The theorem is based on the complete computer search the results of which are collected in [5, 6, 9, 10, 12, 14, 15], (see also references therein) and in Tables 1–5 of the present paper.

Theorem 1.2. *Let $t_2(2,q)$ be the smallest size of a complete arc in the projective plane* $\mathrm{PG}(2,q)$*. Let Q_4, Q_4^*, and L_4 be the sets of values of q given by relations* (1.11)*,* (1.22)*, and* (1.17) *and by* [9, Tab. 3] *and Table* 2 *of this work. In* $\mathrm{PG}(2,q)$ *the following holds.*

A. *There are the following upper bounds with a* ***fixed degree of logarithm*** *of q (**FDL-bounds**):*

(i)

$$t_2(2,q) < 0.998\sqrt{3q\ln q} < 1.729\sqrt{q\ln q} \quad \textit{for} \quad 7 \le q \le 160001 \textit{ and } q \in Q_4^*, \tag{1.23}$$

$$t_2(2,q) < 1.006\sqrt{3q\ln q} < 1.743\sqrt{q\ln q} \quad \textit{for} \quad 7 \le q \le 160001 \textit{ and } q \in Q_4. \tag{1.24}$$

$$t_2(2,q) < 1.05\sqrt{3q\ln q} < 1.819\sqrt{q\ln q} \quad \textit{for} \quad 7 \le q \le 301813 \textit{ and } q \in L_4. \tag{1.25}$$

(ii)

$$t_2(2,q) < \sqrt{q}\ln^{0.7295} q \quad \textit{for} \quad 109 \le q \le 160001 \textit{ and } q \in Q_4; \tag{1.26}$$
$$t_2(2,q) < \sqrt{q}\ln^{0.7404} q \quad \textit{for} \quad 160001 < q \le 301813 \textit{ and } q \in L_4. \tag{1.27}$$

B. *There are the following upper bounds with a* ***decreasing degree of logarithm*** *of q (**DDL-bounds**):*

(i) *Let $t_2(2,q) = \sqrt{q}\ln^{c(q)} q$. We have*

$$c(q) < \frac{0.27}{\ln q} + 0.7 \quad \textit{for} \quad 19 \le q \le 160001 \textit{ and } q \in Q_4; \tag{1.28}$$
$$c(q) < \frac{0.6}{\ln\ln q} + \frac{1}{2} \quad \textit{for} \quad 160001 < q \le 301813 \textit{ and } q \in L_4. \tag{1.29}$$

(ii) *Let $t_2(2,q) = 0.6\sqrt{q}\ln^{\varphi(q;0.6)} q$. We have*

$$\varphi(q;0.6) < \frac{1.5}{\ln q} + 0.802 \quad \textit{for} \quad 19 \le q \le 160001 \textit{ and } q \in Q_4. \tag{1.30}$$

For $q \le 160001$ and $q \in Q_4$, complete arcs in $\mathrm{PG}(2,q)$ satisfying the upper bounds (1.23), (1.24), (1.26), (1.28), *and* (1.30) *can be constructed with the help of the step-by-step greedy algorithm which adds to an incomplete running arc, in every step, a point providing the maximum possible (for the given step) number of new covered points.*

For $160001 < q \le 301813$ and $q \in L_4$, complete arcs in $\mathrm{PG}(2,q)$ satisfying the upper bounds (1.25), (1.27), *and* (1.29) *can be constructed as lexiarcs with the help of the algorithm FOP with lexicographical order of points. The only exception is $q = 178169$ for which a complete arc satisfying* (1.25) *can be obtained by the greedy algorithm.*

Calculations executed for sporadic $q \le 430007$ strengthen the confidence for validity of the bounds of Theorem 1.2. Also, it is important that the bounds (1.23)–(1.30) are close to the conjectural (but well-founded) bounds of [8], see (1.5), (1.6) in Conjecture 1.1. On the whole, our investigations and results (see also figures below) allow to conjecture the following.

Conjecture 1.3. *The upper bounds* (1.25) – (1.30) *hold for all $q \ge 109$.*

2 Algorithm with fixed order of points (FOP). Lexiarcs

2.1 Step-by-step algorithm FOP

We use results and approaches of the works [11, 15, 17, 18, 21]. Consider the projective plane $\mathrm{PG}(2,q)$ and fix a particular order on its points. The algorithm FOP builds a complete arc **iteratively, step-by-step**.

Let $K^{(j)}$ be the arc obtained on the j-th step. On the next step, the first point in the fixed order not lying on the bisecants of $K^{(j)}$ is added to $K^{(j)}$.

Algorithm FOP. Suppose that the points of $\mathrm{PG}(2,q)$ are ordered as $A_1, A_2, \ldots, A_{q^2+q+1}$. Consider the empty set as root of the search and let $K^{(j)}$ be the partial solution obtained in the j-th step, as extension of the root. We put

$$K^{(0)} = \emptyset,\ K^{(1)} = \{A_1\},\ K^{(2)} = \{A_1, A_2\},\ m(1) = 2, \tag{2.1}$$
$$K^{(j+1)} = K^{(j)} \cup \{A_{m(j)}\},$$
$$m(j) = \min\{i \in [m(j-1)+1, q^2+q+1] \mid \nexists\, P, Q \in K^{(j)} :\ A_i, P, Q \text{ are collinear}\},$$

i.e. $m(j)$ is the minimum subscript i such that the corresponding point A_i is not saturated by $K^{(j)}$. The process ends when a complete arc is obtained.

Remark 2.1. In Coding Theory, so called *greedy codes* (or *lexicographical codes,* or *lexicodes*) are considered, see e.g. [25, 66, 67, 72, 88] and references therein. These codes are constructed in two ways. The first kind of greedy codes is considered in the most of works on this topic. In order to obtain a q-ary code of length n with minimum distance d, one writes all q-ary n-vectors in a list using a certain order. The first vector of the list should be included to the code. Then step-by-step, one takes the next vector from the list which has distance d or more from all vectors already chosen.

In another kind, see [25, 66, 67], one creates a *parity check matrix* of a q-ary code with codimension r and distance d. All q-ary r-vectors are written as columns in a list in some order. The first column of the list should be included into the matrix. Then step-by-step, one takes the next column from the list which cannot be represented as a linear combination of $d-2$ or smaller columns already chosen. The process is finished when no new column may be included to the matrix.

If a point of $\mathrm{PG}(2,q)$ is treated as a 3-vector column then formally the algorithm FOP is an algorithm of the second kind creating a parity check matrix with $r = 3$, $d = 4$. But this viewpoint is only formal. In Coding Theory, for given r, d, the aim is to get a *long* code while our goal is to obtain a *short* complete arc. Moreover, our estimates and computer search show that for $r = 3$, $d = 4$, the algorithm FOP gives "bad" codes, essentially shorter than "good" codes corresponding to ovals and hyperovals. Finally, note that we do not use a word "greedy"in a name of the algorithm FOP, as in Projective Geometry the terms "greedy algorithm" and "randomized greedy algorithm" are traditionally connected with other approaches, see [12, 14, 28, 34].

2.2 Lexicographical order of points

In the beginning, we consider q prime. Let the elements of the field $\mathbb{F}_q = \{0, 1, \ldots, q-1\}$ be treated as integers modulo q. Let the points A_i of $\mathrm{PG}(2, q)$ be represented in homogenous coordinates so that

$$A_i = (x_0^{(i)}, x_1^{(i)}, x_2^{(i)}),\ x_j^{(i)} \in \mathbb{F}_q, \tag{2.2}$$

where the leftmost non-zero element is 1. For A_i, we put

$$i = x_0^{(i)} q^2 + x_1^{(i)} q + x_2^{(i)}. \tag{2.3}$$

So, the homogenous coordinates of a point A_i are treated as its number i written in the q-ary scale of notation. Recall that the points of $\mathrm{PG}(2, q)$ are ordered as $A_1, A_2, \ldots, A_{q^2+q+1}$.

It is important that for the such lexicographical order for prime q, **the size $t_2^L(2, q)$ of a complete lexiarc and its set of points depend on q only**. No other factors affect size and structure of a complete lexiarc.

Now let $q = p^m$, p prime, $m \geq 2$. Let $F_q(x)$ be a primitive polynomial of $\mathbb{F}_{p^m}$ and let α be a root of $F_q(x)$. Elements of $\mathbb{F}_{p^m}$ are represented by integers as follows

$$\mathbb{F}_{p^m} = \mathbb{F}_q = \{0, 1 = \alpha^0, 2 = \alpha^1, \ldots, q-1 = \alpha^{q-2}\}.$$

Then we again use (2.2) and (2.3). However for non-prime q the size $t_2^L(2, q)$ of a complete lexiarc depends on q and on the form of the polynomial $F_q(x)$. In this work we use primitive polynomials that are created by the program system MAGMA by default, see Table A where polynomials for $q < 25000$ are given. In any case, the choice of the polynomial changes the size of complete lexiarc inessentially.

We have noted in Introduction that, in general, the sizes of complete arcs obtained by the algorithm FOP vary insignificantly with respect to the order of points. In particular, in [17,18,21] the so-called Singer order of points (based on the Singer group of collineations) is considered and it is shown that in the region $5000 < q \leq 40009$, q prime, the difference between the sizes of complete arcs obtained with the lexicographical order and the Singer order is less then 2% and none of the two orders gives the smallest size for all q.

2.3 Starting points of lexiarcs in $\mathrm{PG}(2, q)$, q prime

Proposition 2.2. *Let q be a prime. Then the j-th point of a lexiarc in $\mathrm{PG}(2, q)$ is the same for all $q \geq q_0(j)$ where $q_0(j)$ is large enough.*

Proof. Suppose that, in (2.1), at a certain step j we have $K^{(j)} \setminus K^{(j-1)} = \{P\}$, with $P = A_s$. A point $Q = A_r \notin K^{(j)}$ will be the next chosen point in the extension process if and only if all the points A_i with $i \in [s+1, r-1]$ are covered by $K^{(j)}$. That is, for any $i \in [s+1, r-1]$ at least one of the determinants of the coordinates of the points P_1, P_2, A_i, with $P_1, P_2 \in K^{(j)}$, is equal to zero modulo q. This can happen only for two reasons:

Table A. Primitive polynomials used for lexiarcs in PG$(2, q)$ with non-prime q

$q = p^m$	primitive polynomial	$q = p^m$	primitive polynomial	$q = p^m$	primitive polynomial
$4 = 2^2$	$x^2 + x + 1$	$8 = 2^3$	$x^3 + x + 1$	$9 = 3^2$	$x^2 + 2x + 2$
$16 = 2^4$	$x^4 + x^3 + 1$	$25 = 5^2$	$x^2 + x + 2$	$27 = 3^3$	$x^3 + 2x^2 + x + 1$
$32 = 2^5$	$x^5 + x^3 + 1$	$49 = 7^2$	$x^2 + x + 3$	$64 = 2^6$	$x^6 + x^4 + x^3 + 1$
$81 = 3^4$	$x^4 + x + 2$	$121 = 11^2$	$x^2 + 4x + 2$	$125 = 5^3$	$x^3 + 3x + 2$
$128 = 2^7$	$x^7 + x + 1$	$169 = 13^2$	$x^2 + x + 2$	$243 = 3^5$	$x^5 + 2x + 1$
$256 = 2^8$	$x^8 + x^4 + x^3 +$ $x^2 + 1$	$289 = 17^2$	$x^2 + x + 3$	$343 = 7^3$	$x^3 + 3x + 2$
		$361 = 19^2$	$x^2 + x + 2$	$512 = 2^9$	$x^9 + x^4 + 1$
$529 = 23^2$	$x^2 + 2x + 5$	$625 = 5^4$	$x^4 + x^2 + 2x + 2$	$729 = 3^6$	$x^6 + x + 2$
$841 = 29^2$	$x^2 + 24x + 2$	$961 = 31^2$	$x^2 + 29x + 3$	$1024 = 2^{10}$	$x^{10} + x^6 + x^5 +$
$1331 = 11^3$	$x^3 + 2x + 9$	$1369 = 37^2$	$x^2 + 33x + 2$		$x^3 + x^2 + x + 1$
$1681 = 41^2$	$x^2 + 38x + 6$	$1849 = 43^2$	$x^2 + x + 3$	$2048 = 2^{11}$	$x^{11} + x^2 + 1$
$2187 = 3^7$	$x^7 + x^2 + 2x + 1$	$2197 = 13^3$	$x^3 + x^2 + 7$	$2209 = 47^2$	$x^2 + x + 13$
$2401 = 7^4$	$x^4 + 5x^2 + 4x + 3$	$2809 = 53^2$	$x^2 + 49x + 2$	$3125 = 5^5$	$x^5 + 4x + 2$
$3481 = 59^2$	$x^2 + 58x + 2$	$3721 = 61^2$	$x^2 + 60x + 2$	$4096 = 2^{12}$	$x^{12} + x^8 + x^2 +$
$4489 = 67^2$	$x^2 + 63x + 2$	$4913 = 17^3$	$x^3 + x + 14$		$x + 1$
$5041 = 71^2$	$x^2 + 69x + 7$	$5329 = 73^2$	$x^2 + 70x + 5$	$6241 = 79^2$	$x^2 + 78x + 3$
$6561 = 3^8$	$x^8 + 2x^5 + x^4 +$ $2x^2 + 2x + 2$	$6859 = 19^3$	$x^3 + 4x + 17$	$6889 = 83^2$	$x^2 + 82x + 2$
		$7921 = 89^2$	$x^2 + 82x + 3$	$8192 = 2^{13}$	$x^{13} + x^4 + x^3 +$
$9409 = 97^2$	$x^2 + 96x + 5$	$10201 = 101^2$	$x^2 + 97x + 2$		$x + 1$
$10609 = 103^2$	$x^2 + 102x + 5$	$11449 = 107^2$	$x^2 + 103x + 2$	$11881 = 109^2$	$x^2 + 108x + 6$
$12167 = 23^3$	$x^3 + 2x + 18$	$12769 = 113^2$	$x^2 + 101x + 3$	$14641 = 11^4$	$x^4 + 8x^2 + 10x + 2$
$15625 = 5^6$	$x^6 + x^4 + 4x^3 +$ $x^2 + 2$	$16129 = 127^2$	$x^2 + 126x + 3$	$16384 = 2^{14}$	$x^{14} + x^7 + x^5 +$
		$16807 = 7^5$	$x^5 + x + 4$		$x^3 + 1$
$17161 = 131^2$	$x^2 + 83x + 127$	$18769 = 137^2$	$x^2 + 95x + 20$	$19321 = 139^2$	$x^2 + 72x + 111$
$19683 = 3^9$	$x^9 + 2x^3 + 2x^2 +$ $x + 1$	$22201 = 149^2$	$x^2 + 144x + 34$	$22801 = 151^2$	$x^2 + 16x + 51$
		$24389 = 29^3$	$x^3 + 2x + 27$	$24649 = 157^2$	$x^2 + 153x + 82$

1. $\det(P_1, P_2, A_i) = 0$: we say that A_i is "absolutely" covered by $K^{(j)}$;
2. $\det(P_1, P_2, A_i) = m \neq 0$, with $m \equiv 0 \bmod q$: we say that A_i is "simply" covered by $K^{(j)}$.

It is clear that, for q large enough, q does not divide any of the possible $m = \det(P_1, P_2, A_i)$ and then, at least for j "small", the points covered are just the absolutely covered points. Therefore, when q is large enough the lexiarcs share a certain number of points. □

The values of $q_0(j)$ can be found with the help of calculations based on the proof of Proposition 2.2. Also, we can directly consider lexiarcs constructed by the algorithm FOP for a convenient region of q.

Example 2.3. Values of $q_0(j)$, $j \le 24$, together with the homogenous coordinates (a_0, a_1, a_2) of the common points, are given in Table B. So, for all prime $q \ge 251$ the first 24 points of a lexiarc are as in Table B. Since $t_2^L(2, 251) = 63$ [15], we know $24/63 \approx 38\%$ of complete lexiarc points for $q = 251$. For growing q this percentage decreases (relatively slowly). For instance, for $q \approx 270000$ it is $\approx 20\%$.

Table B. The first 24 points of complete lexiarcs in PG$(2, q)$, q prime

j	a_0	a_1	a_2	$q_0(j)$	j	a_0	a_1	a_2	$q_0(j)$	j	a_0	a_1	a_2	$q_0(j)$
1	0	0	1	2	2	0	1	0	2	3	1	0	0	2
4	1	1	1	2	5	1	2	3	5	6	1	3	2	7
7	1	4	5	11	8	1	5	4	11	9	1	6	8	17
10	1	7	11	23	11	1	8	6	31	12	1	9	13	37
13	1	10	12	37	14	1	11	7	41	15	1	12	22	137
16	1	13	16	79	17	1	14	17	101	18	1	15	21	71
19	1	16	9	229	20	1	17	14	151	21	1	18	10	199
22	1	19	27	239	23	1	20	18	197	24	1	21	15	251

3 Upper bounds on $t_2(2, q)$, $q \in L$, based on sizes $t_2^L(2, q)$ of complete lexiarcs in PG$(2, q)$

For bounds, we use data on sizes $t_2^L(2, q)$ of complete lexiarcs in PG$(2, q)$ obtained and collected in [11, 15, 17, 18, 21] and in Tables 1 – 5 of this work, see Appendix.

In Table 1, for $4 \le q \le 300763$, q non-prime, the sizes $t_2^L(2, q)$ (for short t_2^L) of complete lexiarcs in PG$(2, q)$ are collected. All $q \in L_2$ and all non-prime $q \in L_3$, see (1.15) and (1.16), are included to this table.

In Table 2, for 23 sporadic q's in the interval $[301897 \ldots 430007]$, the sizes $t_2^L = t_2^L(2, q)$ of complete lexiarcs in PG$(2, q)$ are written. All $q \in L_4$, see (1.17), are included to this table.

In Tables 3 – 5, for **all** $3 \le q \le 301813$ **prime power**, the sizes $t_2^L = t_2^L(2, q)$ of complete lexiarcs in PG$(2, q)$ are collected.

Using sizes $t_2^L(2, q)$ for $q \in L$, collected in Tables 1 – 5, we obtain the top black curve on Figure 1. Bounds of Theorem 1.2 are not shown here. Also, using the smallest known sizes $\overline{t}_2(2, q)$ of complete arcs in PG$(2, q)$ collected in [9], we obtain the bottom blue curve on Figure 1. The vertical dashed-dotted magenta lines mark regions of the complete search for all q's prime power ($q \le 160001$ for $\overline{t}_2(2, q)$ and $q \le 301813$ for $t_2^L(2, q)$).

It is useful to compare sizes of complete lexiarcs with the smallest known sizes of complete arcs. The percentage difference $\Delta(q)$ between sizes of complete lexiarcs and the smallest known sizes of complete arcs in PG$(2, q)$ is shown in Figure 2 in the form

$$\Delta(q) = \frac{t_2^L(2, q) - \overline{t}_2(2, q)}{t_2^L(2, q)} 100\%.$$

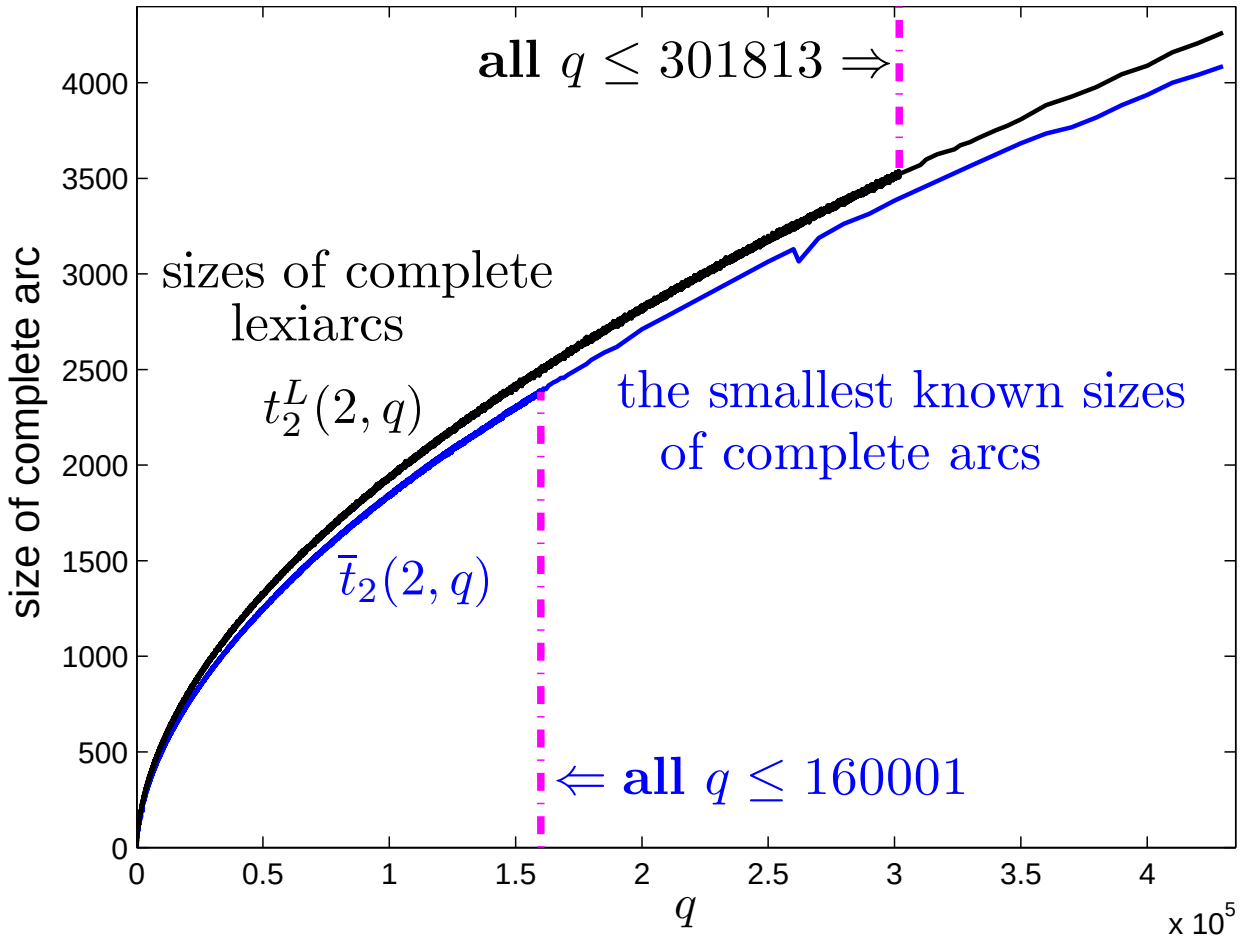

Figure 1: **Sizes $t_2^L(2,q)$ of complete lexiarcs vs the smallest known sizes $\overline{t}_2(2,q)$ of complete arcs in** PG$(2,q)$**:** sizes $t_2^L(2,q)$ of complete lexiarcs in PG$(2,q)$, $q \in L$ (*top black curve*); the smallest known sizes $\overline{t}_2(2,q)$ of complete arcs in PG$(2,q)$, $q \in Q$ (*bottom blue curve*). *Vertical dashed-dotted magenta lines* mark regions of the complete search for all q's prime power

One can see that the difference is relatively small; in particular, for $q \geq 21559$ we have $\Delta(q) < 8\%$. Moreover, for $q \gtrapprox 90000$ the values of $\Delta(q)$ are placed in the region $3.7\% \ldots 5.7\%$. A "tooth" on the graphics $\Delta(q)$ corresponds to $\overline{t}_2(2, 2^{18}) = 3066$ [30]. But even in this special case, we have $\Delta(q) < 6\%$.

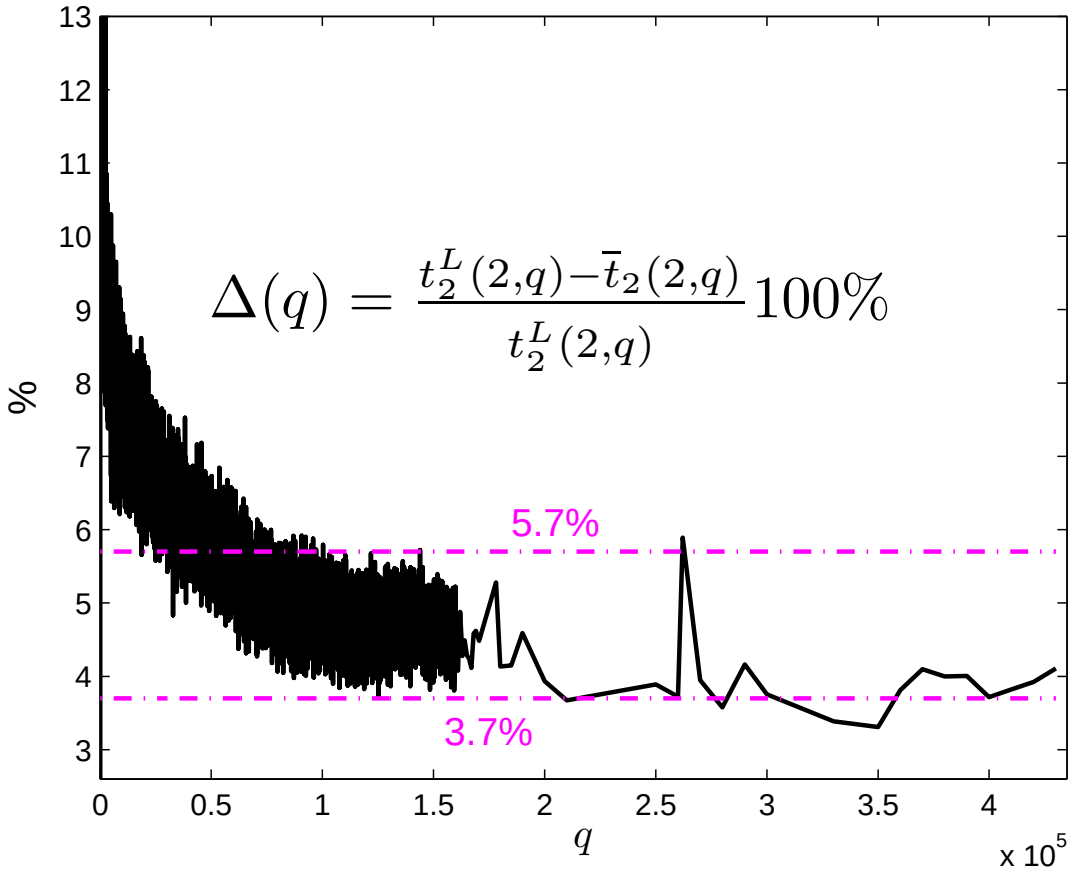

Figure 2: **Percentage difference $\Delta(q)$ between sizes $t_2^L(2, q)$ of complete lexiarcs and the smallest known sizes $\overline{t}_2(2, q)$ of complete arcs in** $\mathrm{PG}(2, q)$

Figure 3 shows the upper bound $1.05\sqrt{3q \ln q}$ (the top dashed-dotted red curve), see (1.25), and sizes $t_2^L(2, q)$ of complete lexiarcs in $\mathrm{PG}(2, q)$, $q \in L$ (the bottom solid black curve). The curves of $1.05\sqrt{3q \ln q}$ and $t_2^L(2, q)$ almost coalesce with each other in the scale of this figure.

Figure 4 presents the difference $1.05\sqrt{3q \ln q} - t_2^L(2, q)$ between the upper bound $1.05\sqrt{3q \ln q}$ and the sizes $t_2^L(2, q)$ of complete lexiarcs in $\mathrm{PG}(2, q)$, $q \in L$. The corresponding

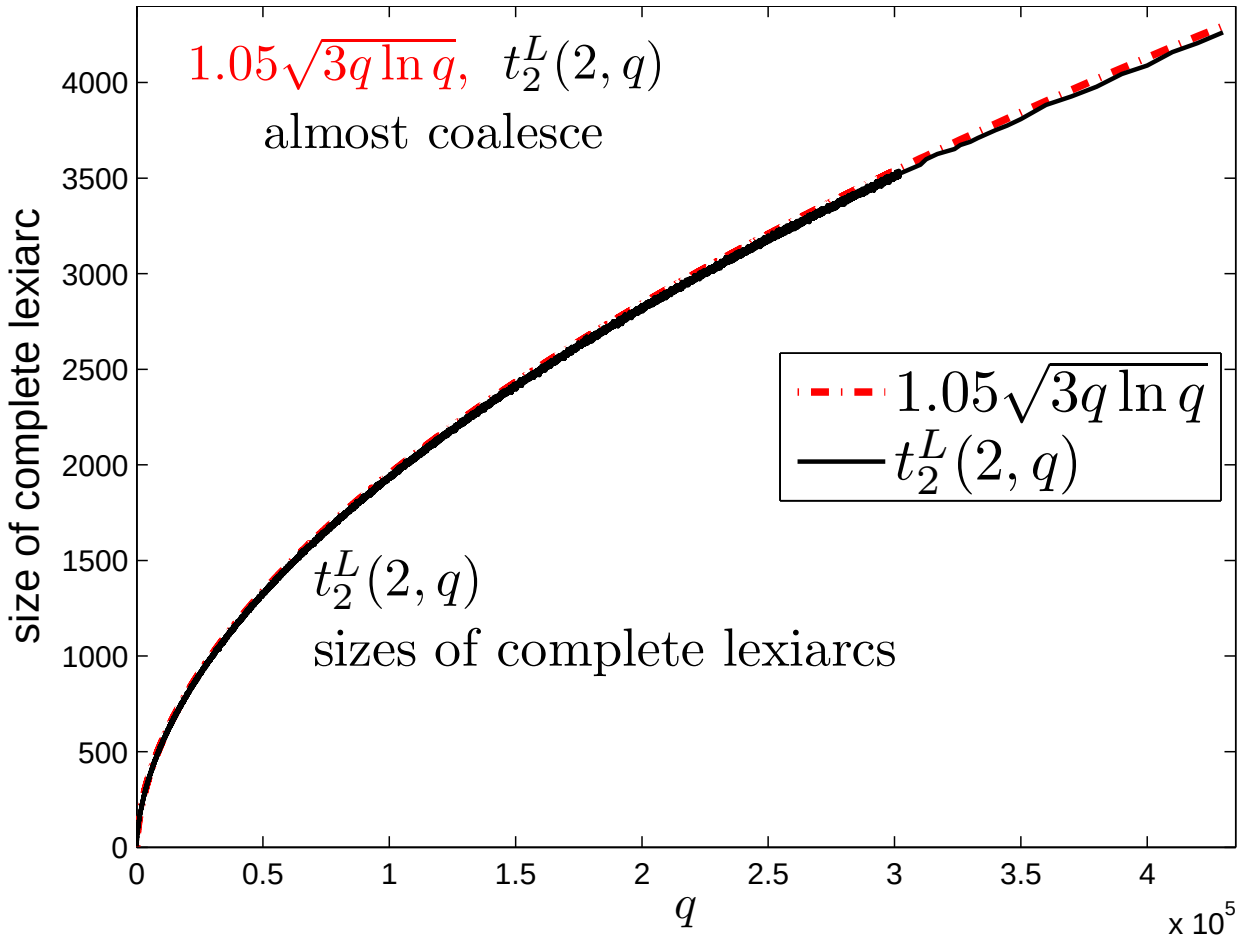

Figure 3: **Upper bound $1.05\sqrt{3q\ln q}$ vs sizes $t_2^L(2,q)$ of complete lexiarcs in $\mathrm{PG}(2,q)$:** upper bound $1.05\sqrt{3q\ln q}$ (*top dashed-dotted red curve*); sizes $t_2^L(2,q)$ of complete lexiarcs in $\mathrm{PG}(2,q)$, $q \in L$ (*bottom solid black curve*)

percentage difference $\Delta_{1.05}(q)$ is given in Figure 5 in the form

$$\Delta_{1.05}(q) = 100\frac{1.05\sqrt{3q\ln q} - t_2^L(2,q)}{1.05\sqrt{3q\ln q}}\%.$$

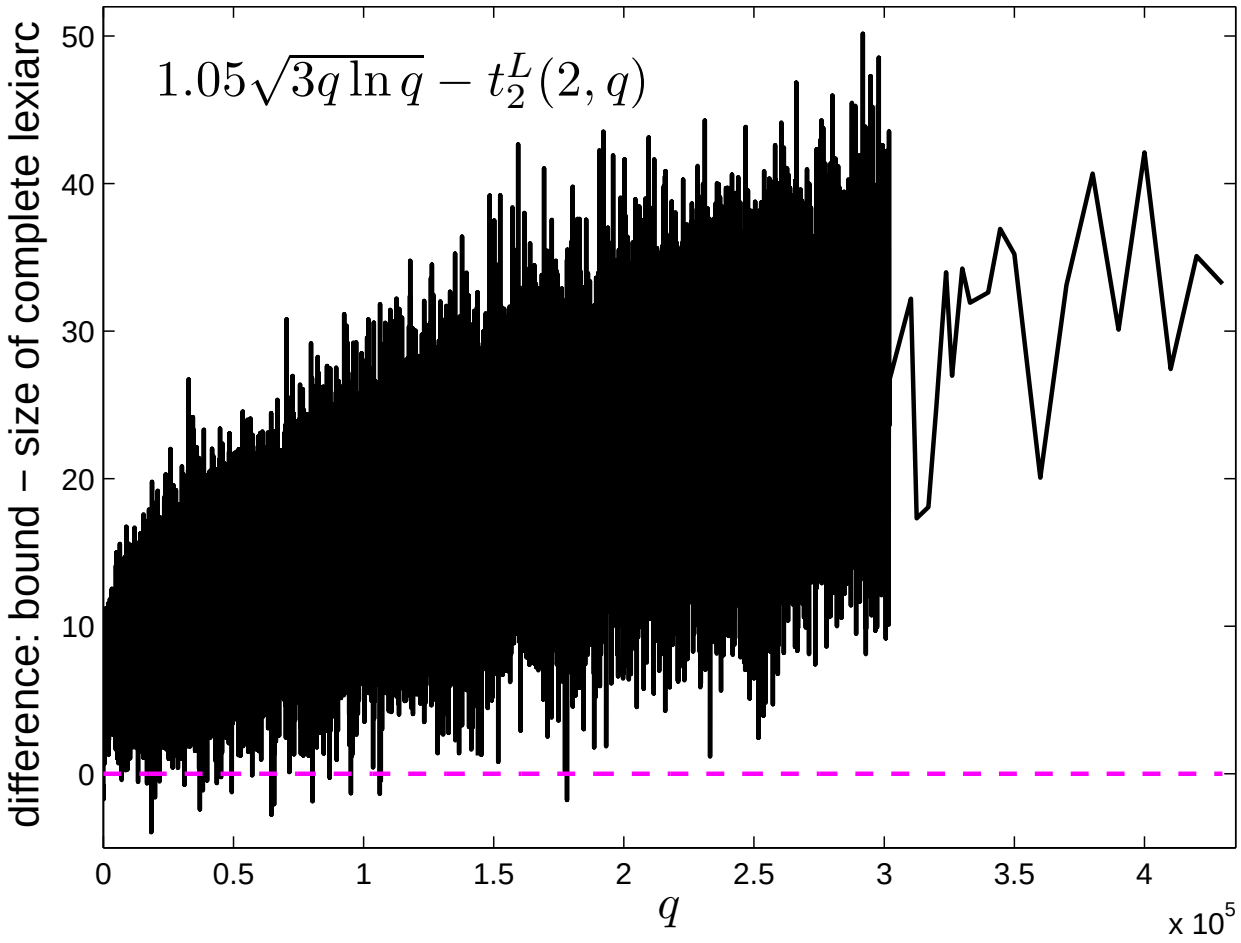

Figure 4: **Difference** $1.05\sqrt{3q\ln q} - t_2^L(2,q)$ **between upper bound** $1.05\sqrt{3q\ln q}$ **and sizes** $t_2^L(2,q)$ **of complete lexiarcs in** $\mathrm{PG}(2,q)$**,** $q \in L$

Remark 3.1. Values $1.05\sqrt{3q\ln q}$ form an upper bound for $t_2(2,q)$ but not for $t_2^L(2,q)$. In Figures 4 and 5 one can see that for $q \le 178169$ sometimes we have $t_2^L(2,q) > 1.05\sqrt{3q\ln q}$. However for all these cases it holds that $\overline{t}_2(2,q) < 1.05\sqrt{3q\ln q}$. Therefore we consider $1.05\sqrt{3q\ln q}$ as an *upper* bound and investigate behaviour of $t_2^L(2,q)$ regarding to it.

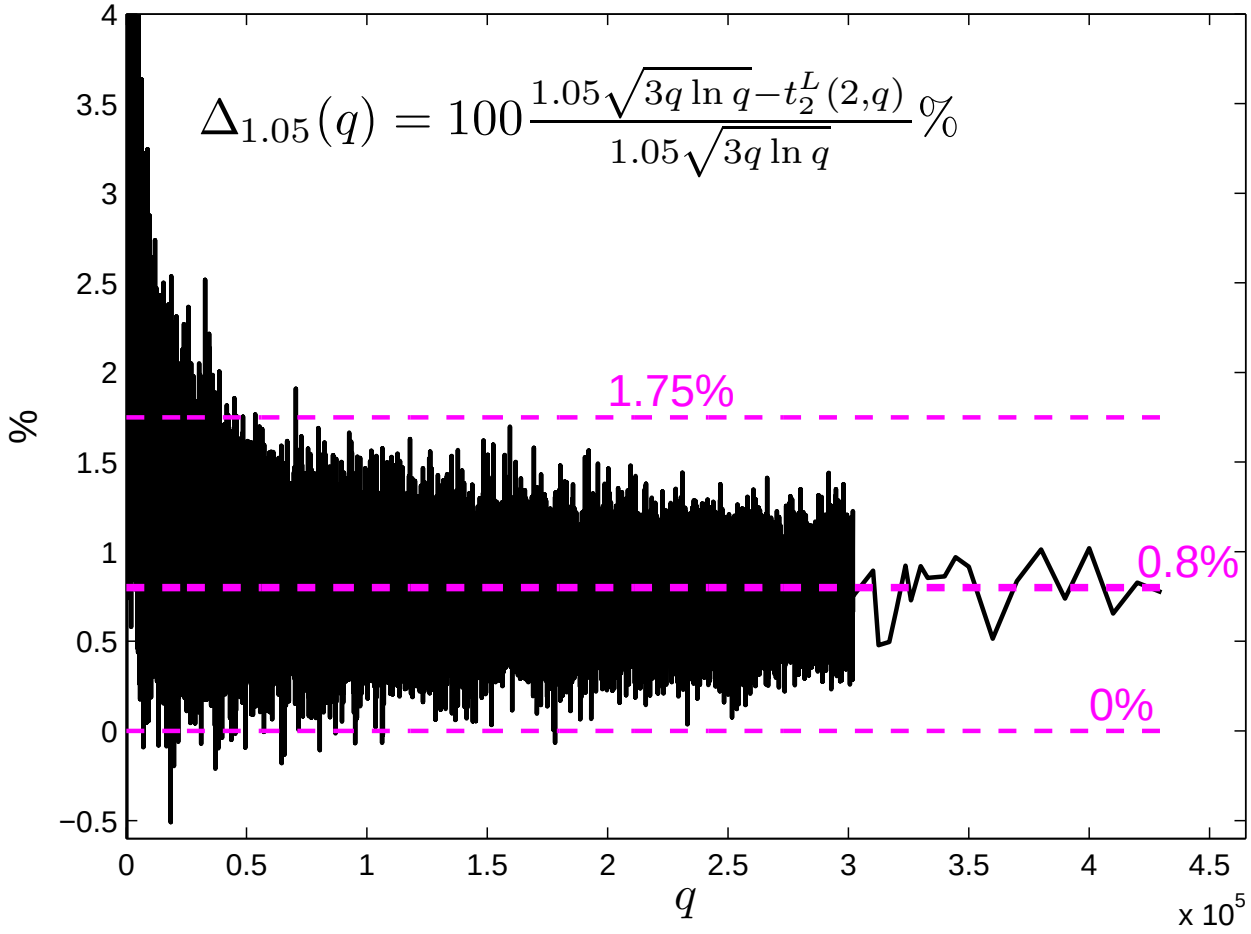

Figure 5: **Percentage difference $\Delta_{1.05}(q)$ between upper bound $1.05\sqrt{3q\ln q}$ and sizes $t_2^L(2,q)$ of complete lexiarcs in** $\mathrm{PG}(2,q)$**,** $q \in L$

Observation 3.2. *For $q \in L$, $q \gtrapprox 50000$, the percentage difference $\Delta_{1.05}(q)$ oscillates around the horizontal line $y = 0.8\%$ with a small amplitude. For growing q, the oscillation amplitude decreases. See also Observations* 3.4 *and* 3.7*, and Remark* 3.8.

In Figure 6, the conjectural upper bound from [8] $\sqrt{q}\sqrt{3\ln q + \ln(3\ln q)} + \sqrt{\frac{q}{3\ln q}} + 3$, see (1.5) (the top dashed-dotted red curve) and the sizes $t_2^L(2,q)$ of complete lexiarcs in $\mathrm{PG}(2,q)$, $q \in L$ (the bottom solid black curve) are shown. The vertical dashed-dotted magenta line marks region $q \leq 301813$ of the complete search for all q's prime power.

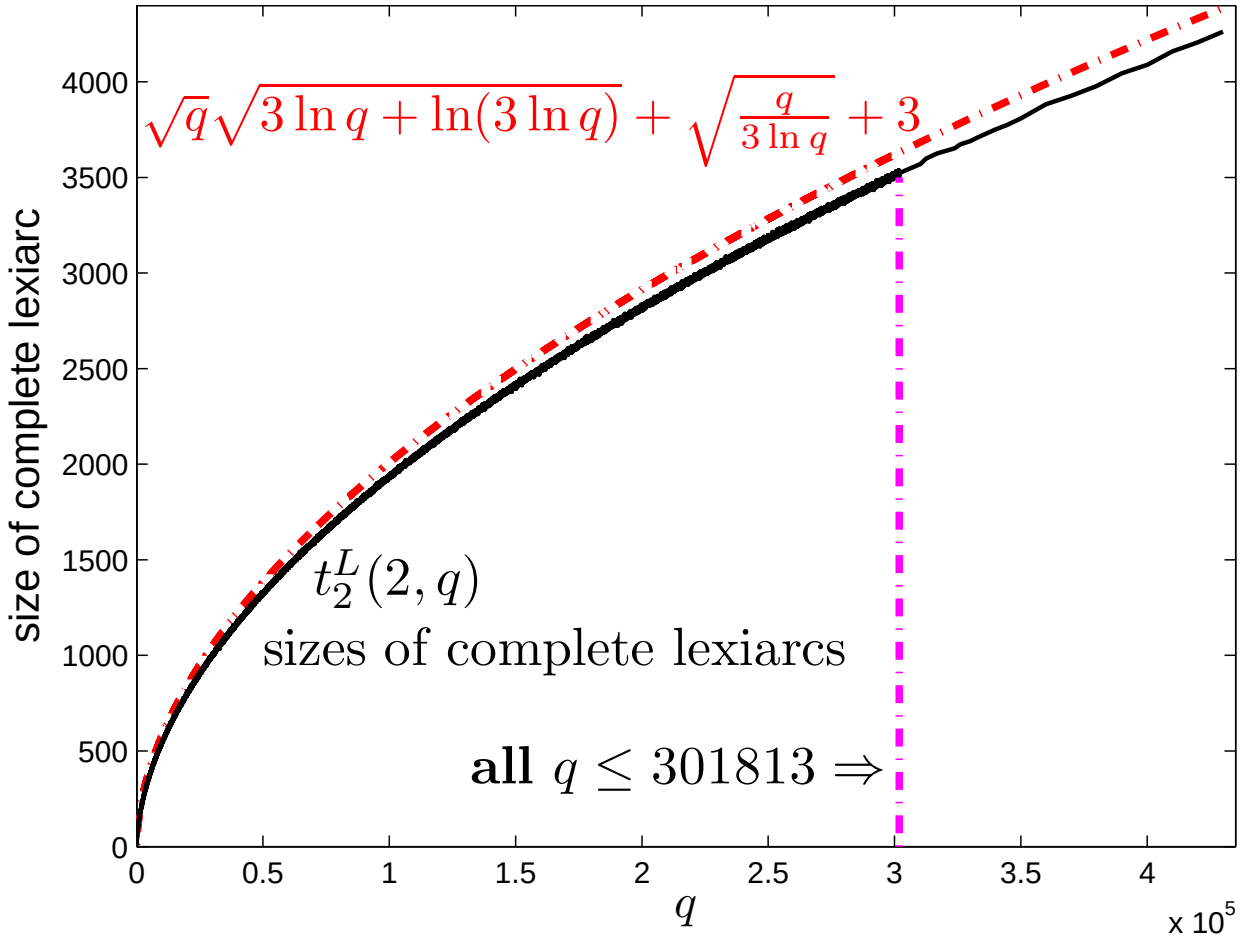

Figure 6: **Conjectural upper bound** (1.5) **of [8] vs sizes $t_2^L(2,q)$ of complete lexiarcs in** $\mathrm{PG}(2,q)$**:** conjectural upper bound of [8] (*top dashed-dotted red curve*); sizes $t_2^L(2,q)$ of complete lexiarcs in $\mathrm{PG}(2,q)$, $q \in L$ (*bottom solid black curve*). *Vertical dashed-dotted magenta line* marks region $q \leq 301813$ of the complete search for all q's prime power

Figure 7 presents the percentage difference between the conjectural upper bound (1.5)

from [8] and the sizes $t_2^L(2,q)$ of complete lexiarcs in PG$(2,q)$, $q \in L$, in the form

$$100\frac{B(q)-t_2^L(2,q)}{B(q)}\%, \quad B(q)=\sqrt{q}\sqrt{3\ln q+\ln(3\ln q)}+\sqrt{\frac{q}{3\ln q}}+3.$$

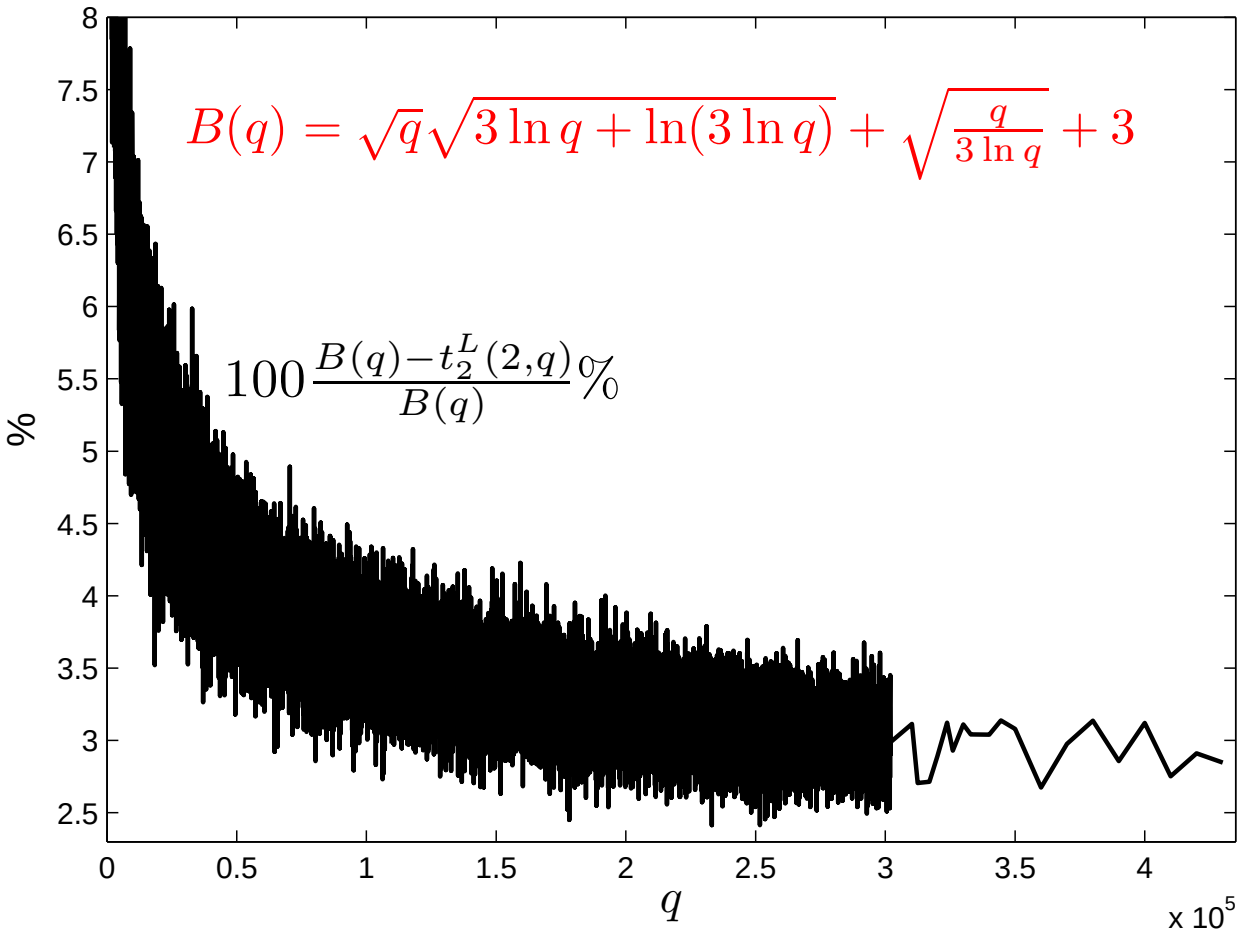

Figure 7: **Percentage difference between conjectural upper bound** (1.5) **of [8] and sizes** $t_2^L(2,q)$ **of complete lexiarcs in** PG$(2,q)$**,** $q \in L$

Let

$$t_2^L(2,q)=\sqrt{q}\ln^{c^L(q)}q, \tag{3.1}$$

where $c^L(q)$ is a function of q, cf. (1.19). By the 2-nd formula of (1.19), we have

$$c^L(q)=\frac{\ln d+0.5\ln 3}{\ln\ln q}+\frac{1}{2} \quad \text{for} \quad t_2^L(2,q)=d\sqrt{3q\ln q},$$

whence (cf. (3.6) and Figures 10 – 12 below)

$$c^L(q) < \frac{0.6}{\ln\ln q} + \frac{1}{2} \quad \text{for} \quad t_2^L(2,q) \le 1.052\sqrt{3q\ln q}.$$

We denote

$$c_{up}^L(q) = \frac{0.6}{\ln\ln q} + \frac{1}{2}. \tag{3.2}$$

Data for $q \in L$, collected in Tables 1 – 5, give rise to the following theorem.

Theorem 3.3. *Let $t_2(2,q)$ be the smallest size of a complete arc in the projective plane* $\mathrm{PG}(2,q)$. *Let $t_2^L(2,q)$ be the size of the complete lexiarc in* $\mathrm{PG}(2,q)$. *Let L_4 be the set of values of q given by* (1.17) *and Table* 2. *Finally, let the functions $c(q)$, $c^L(q)$, and $c_{up}^L(q)$ be as in* (1.19), (3.1), *and* (3.2), *respectively. In* $\mathrm{PG}(2,q)$ *the following upper bounds are provided by complete lexiarcs:*

$$c(q) \le c^L(q) < \frac{0.6}{\ln\ln q} + \frac{1}{2} \quad \textit{for} \quad 37087 \le q \le 301813 \textit{ and } q \in L_4; \tag{3.3}$$

$$t_2(2,q) \le t_2^L(2,q) < \sqrt{q}\ln^{c_{up}^L(q)} q \quad \textit{for} \quad 37087 \le q \le 301813 \textit{ and } q \in L_4. \tag{3.4}$$

Figure 8 shows the upper bound $\sqrt{q}\ln^{c_{up}^L(q)} q$ with $c_{up}^L(q) = \frac{0.6}{\ln\ln q} + \frac{1}{2}$ (the top dashed-dotted red curve), see (1.29), and sizes $t_2^L(2,q)$ of complete lexiarcs in $\mathrm{PG}(2,q)$, $q \in L$ (the bottom solid black curve). The curves of $\sqrt{q}\ln^{c_{up}^L(q)}$ and $t_2^L(2,q)$ almost coalesce with each other in the scale of this figure.

Figure 9 presents the percentage difference $\Delta_{c_{up}^L}(q)$ between the upper bound $\sqrt{q}\ln^{c_{up}^L(q)} q$ and the sizes $t_2^L(2,q)$ of complete lexiarcs in $\mathrm{PG}(2,q)$, $q \in L$, in the form

$$\Delta_{c_{up}^L}(q) = 100\frac{\sqrt{q}\ln^{c_{up}^L(q)} q - t_2^L(2,q)}{\sqrt{q}\ln^{c_{up}^L(q)} q}\%.$$

Observation 3.4. *For $q \in L$, $q \gtrapprox 50000$, the percentage difference $\Delta_{c_{up}^L}(q)$ oscillates around the horizontal line $y = 0.95\%$ with a small amplitude. For growing q, the oscillation amplitude decreases. See also Observations* 3.2 *and* 3.7, *and Remark* 3.8.

Let

$$\overline{t}_2(2,q) = \sqrt{q}\ln^{\overline{c}(q)} q.$$

Figure 10 shows values of $c^L(q)$ for complete lexiarcs in $\mathrm{PG}(2,q)$, $q \in L$ (the 2-nd solid black curve). The upper bound (1.29) is represented by the top dashed-dotted red curve

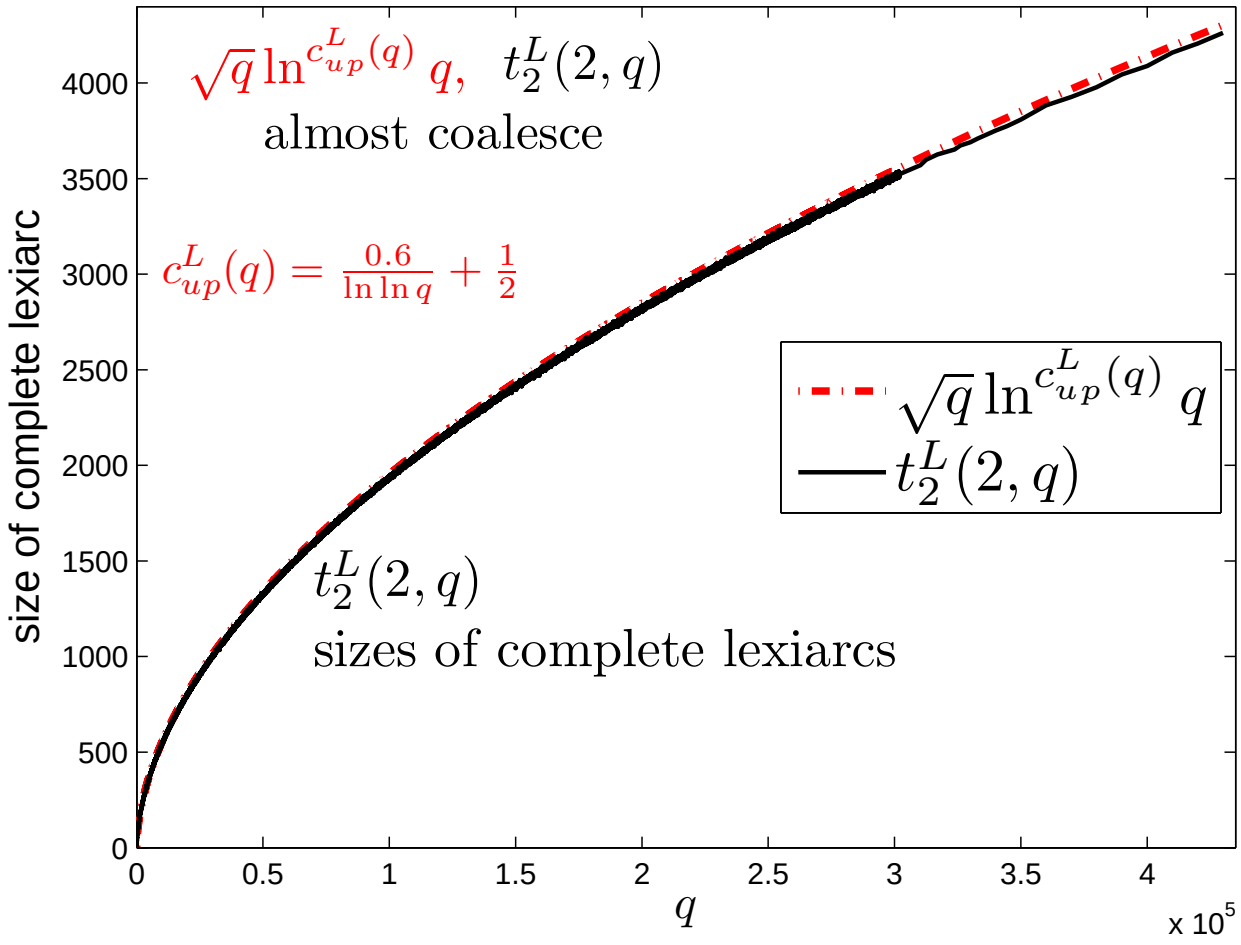

Figure 8: **Upper bound $\sqrt{q}\ln^{c^L_{up}(q)} q$ vs sizes $t^L_2(2,q)$ of complete lexiarcs in** $\mathrm{PG}(2,q)$**:** upper bound $\sqrt{q}\ln^{c^L_{up}(q)} q$ with $c^L_{up}(q) = 0.6/\ln\ln q + \frac{1}{2}$ (*top dashed-dotted red curve*); sizes $t^L_2(2,q)$ of complete lexiarcs in $\mathrm{PG}(2,q)$, $q \in L$ (*bottom solid black curve*)

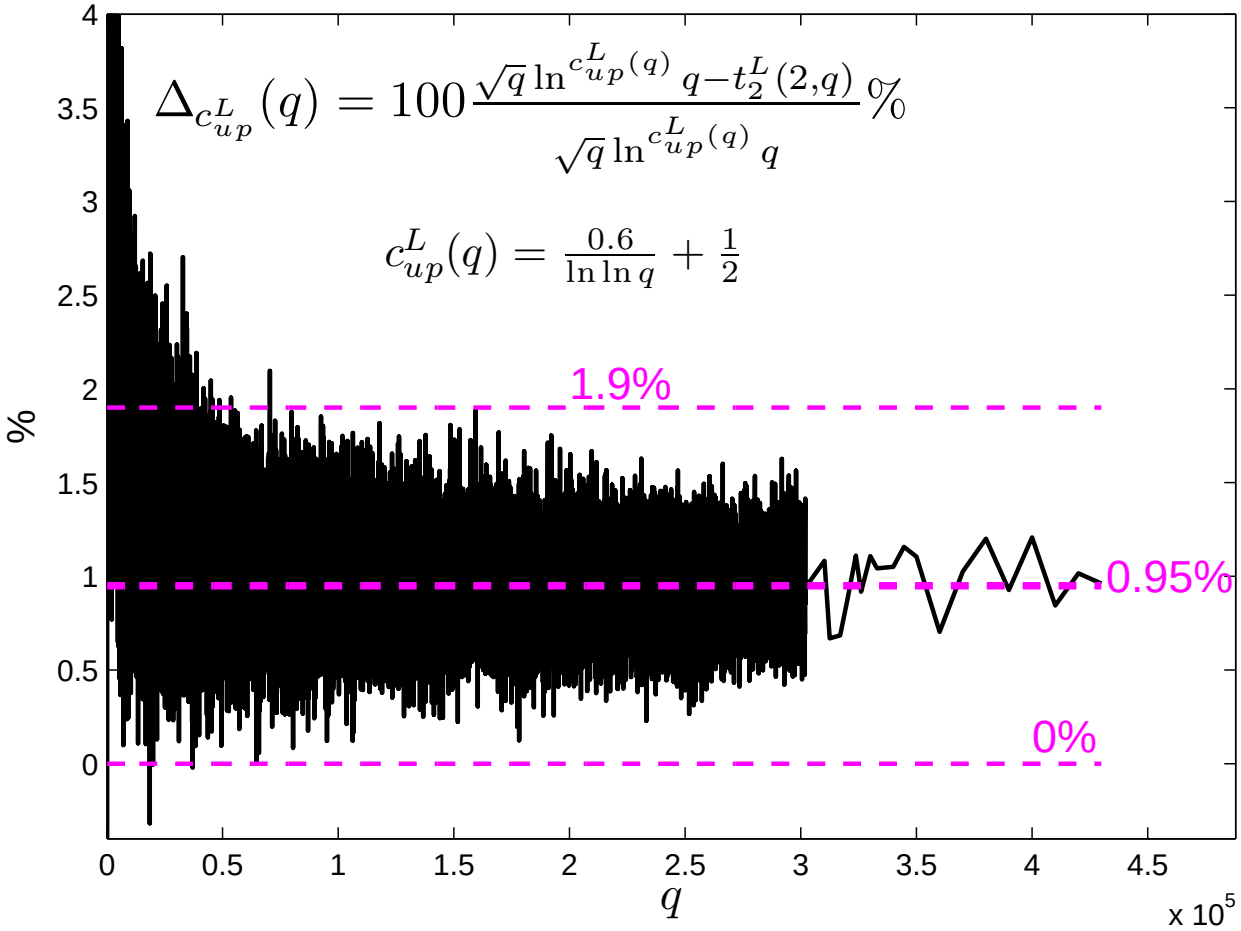

Figure 9: **Percentage difference $\Delta_{c_{up}^L}(q)$ between upper bound $\sqrt{q}\ln^{c_{up}^L(q)} q$, $c_{up}^L(q) = 0.6/\ln\ln q + \frac{1}{2}$, and sizes $t_2^L(2,q)$ of complete lexiarcs in** $\mathrm{PG}(2,q)$**,** $q \in L$

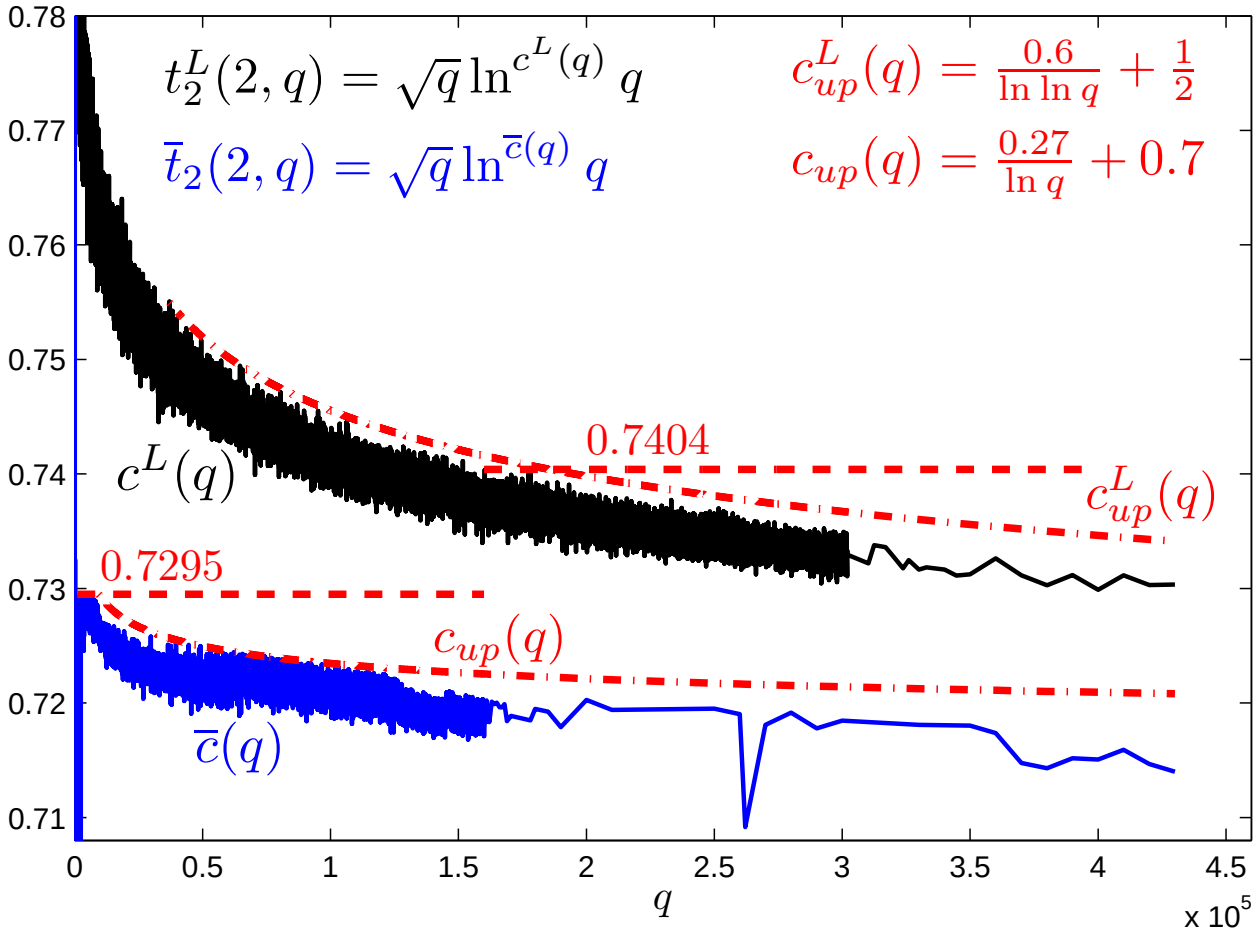

Figure 10: **Values and bounds connected with decreasing function** $c(q)$**:** upper bounds "0.7404" and "0.7295" (*dashed red lines*); upper bound $c_{up}^L(q) = \frac{0.6}{\ln\ln q} + \frac{1}{2}$ (*top dashed-dotted red curve*); values of $c^L(q)$ for complete lexiarcs in PG$(2,q)$, $q \in L$ (*the 2-nd solid black curve*); upper bound $c_{up}(q) = \frac{0.27}{\ln q} + 0.7$ (*the 3-rd dashed-dotted red curve*); values of $\overline{c}(q)$ for the smallest known complete arcs in PG$(2,q)$, $q \in Q$ (*bottom solid blue curve*)

$c^L_{up}(q) = 0.6/\ln\ln q + 0.5$. Also, in Figure 10, values of $\overline{c}(q)$ for the smallest known complete arcs in $\mathrm{PG}(2,q)$, $q \in Q$ (the bottom solid blue curve) and the upper bound $c_{up}(q) = \frac{0.27}{\ln q} + 0.7$ of (1.28) (the 3-rd dashed-dotted red curve) are presented. The upper bounds (1.26) and (1.27) are given by the dashed red lines $y = 0.7295$ and $y = 0.7404$.

We define functions $h^L(q)$ and $\overline{h}(q)$.

$$t^L_2(2,q) = h^L(q)\sqrt{3q\ln q}; \qquad (3.5)$$
$$\overline{t}_2(2,q) = \overline{h}(q)\sqrt{3q\ln q}.$$

Figure 11 shows the following: the conjectural upper bound (1.5) of [8] divided by $\sqrt{3q\ln q}$ (the top dashed-dotted red curve); values $h^L(q) = t^L_2(2,q)/\sqrt{3q\ln q}$ for complete lexiarcs in $\mathrm{PG}(2,q)$, $q \in L$ (the 2-nd solid black curve); values $\overline{h}(q) = \overline{t}_2(2,q)/\sqrt{3q\ln q}$ for the smallest known complete arcs in $\mathrm{PG}(2,q)$, $q \in Q$ (bottom solid blue curve); upper bounds "1.056", "1.053", "1.051", "0.998", "1.006" (the horizontal dashed red lines). Vertical dashed-dotted magenta line marks region $q \le 160001$ of the complete search for all q's prime power

Data for $q \in L$, collected in Tables 1 – 5, give rise to two theorems on upper and lower bounds on $h^L(q)$.

Theorem 3.5. *Let the functions $h(q)$ and $h^L(q)$ be as in* (1.21) *and* (3.5). *Let L_4 be the set of values of q given by* (1.17) *and Table* 2. *In* $\mathrm{PG}(2,q)$ *the following upper bounds are provided by complete lexiarcs:*

$$h(q) \le h^L(q) < \begin{cases} 1.056 & \textit{for} \quad 16 \le q \le 18443 \\ 1.053 & \textit{for} \quad 18443 < q \le 80407 \\ 1.051 & \textit{for} \quad 80407 < q \le 178169 \\ 1.050 & \textit{for} \quad 178169 < q \le 257249 \\ 1.048 & \textit{for} \quad 257249 < q \le 301813 \ \textit{and} \ q \in L_4 \end{cases}; \qquad (3.6)$$

$$h(q) \le h^L(q) < 1.05 \ \textit{for} \ 80407 < q \le 301813, \quad q \ne 178169. \qquad (3.7)$$

Theorem 3.6. *Let the function $h^L(q)$ be as in* (3.5). *Let L_4 be the set of values of q given by* (1.17) *and Table* 2. *In* $\mathrm{PG}(2,q)$ *the following lower bounds on $h^L(q)$ hold.*

$$h^L(q) > \begin{cases} 1.023 & \textit{for} \quad 11971 \le q \le 34583 \\ 1.028 & \textit{for} \quad 34583 < q \le 70451 \\ 1.032 & \textit{for} \quad 70451 < q \le 159349 \\ 1.033 & \textit{for} \quad 159349 < q \le 192133 \\ 1.034 & \textit{for} \quad 192133 < q \le 291829 \\ 1.035 & \textit{for} \quad 291829 < q \le 301813 \ \textit{and} \ q \in L_4 \end{cases}.$$

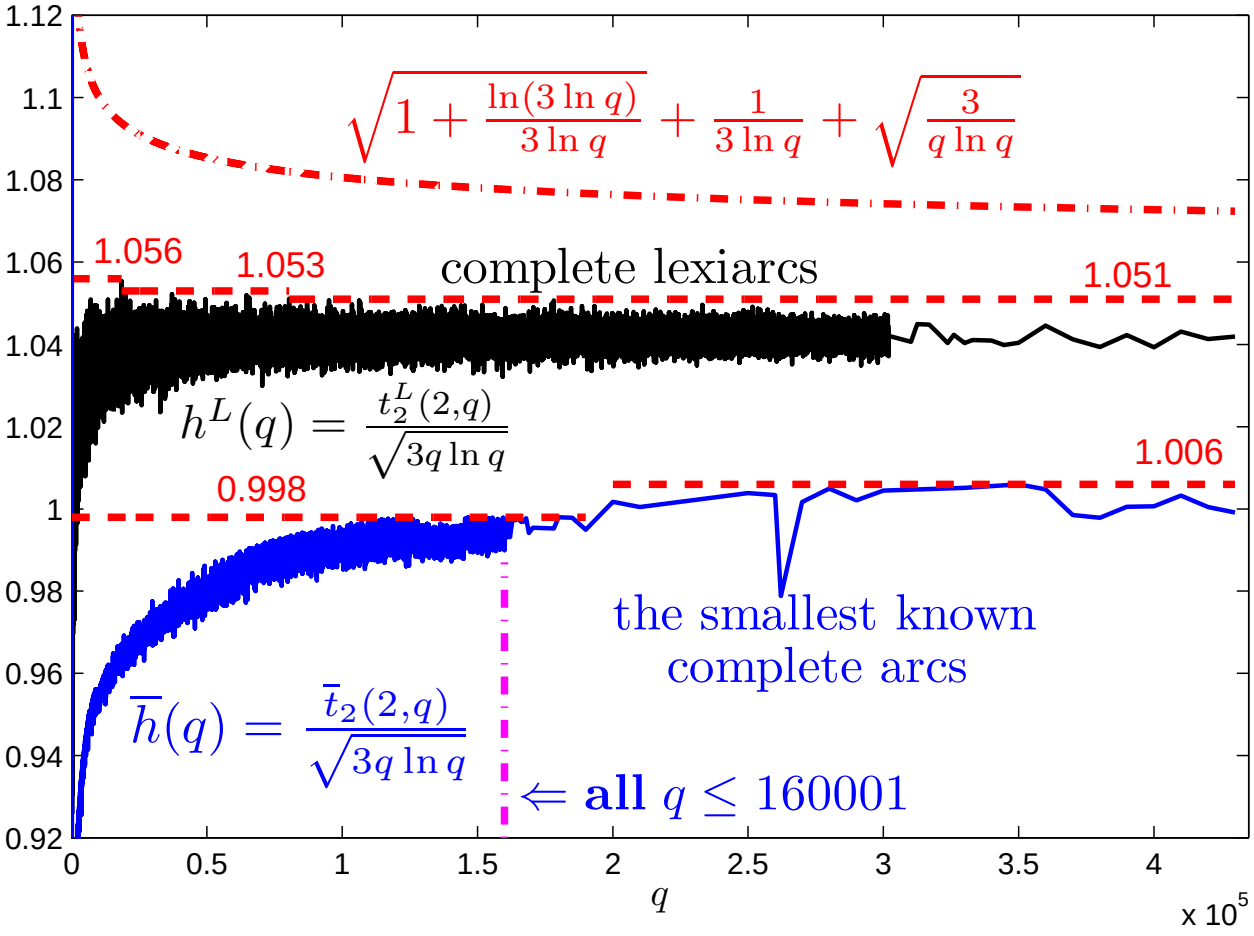

Figure 11: **Conjectural upper bound** (1.5) **of [8] vs sizes** $t_2^L(2,q)$ **of complete lexiarcs and the smallest known sizes** $\overline{t}_2(2,q)$ **of complete arcs in** PG$(2,q)$ **(all values are divided by** $\sqrt{3q\ln q}$**):** conjectural upper bound (1.5) of [8] divided by $\sqrt{3q\ln q}$) (*top dashed-dotted red curve*); values $h^L(q)=t_2^L(2,q)/\sqrt{3q\ln q}$ for complete lexiarcs in PG$(2,q)$, $q\in L$ (*the 2-nd solid black curve*); values $\overline{h}(q)=\overline{t}_2(2,q)/\sqrt{3q\ln q}$ for the smallest known complete arcs in PG$(2,q)$, $q\in Q$ (*bottom solid blue curve*); upper bounds "1.056", "1.053", "1.051", "0.998", "1.006" (*horizontal dashed red lines*). *Vertical dashed-dotted magenta line* marks region $q\le 160001$ of the complete search for all q's prime power

Figure 12 illustrates Theorems 3.5, 3.6 and presents the value $h^L(q) = t_2^L(2,q)/\sqrt{3q\ln q}$, $q \in L$ (the solid black curve), and its upper and lower bounds (the dashed-dotted red lines) in more detail than Figure 11. Also, the middle line $y = h^L_{\text{mid}} = 1.042$ is shown. The percentage for a bound B is calculated as

$$\frac{B - h^L_{\text{mid}}}{h^L_{\text{mid}}} 100\%, \quad h^L_{\text{mid}} = 1.042, \tag{3.8}$$

where $B \in \{1.056, 1.053, 1.051, 1.050, 1.048, 1.023, 1.028, 1.032, 1.033, 1.034, 1.035\}$.

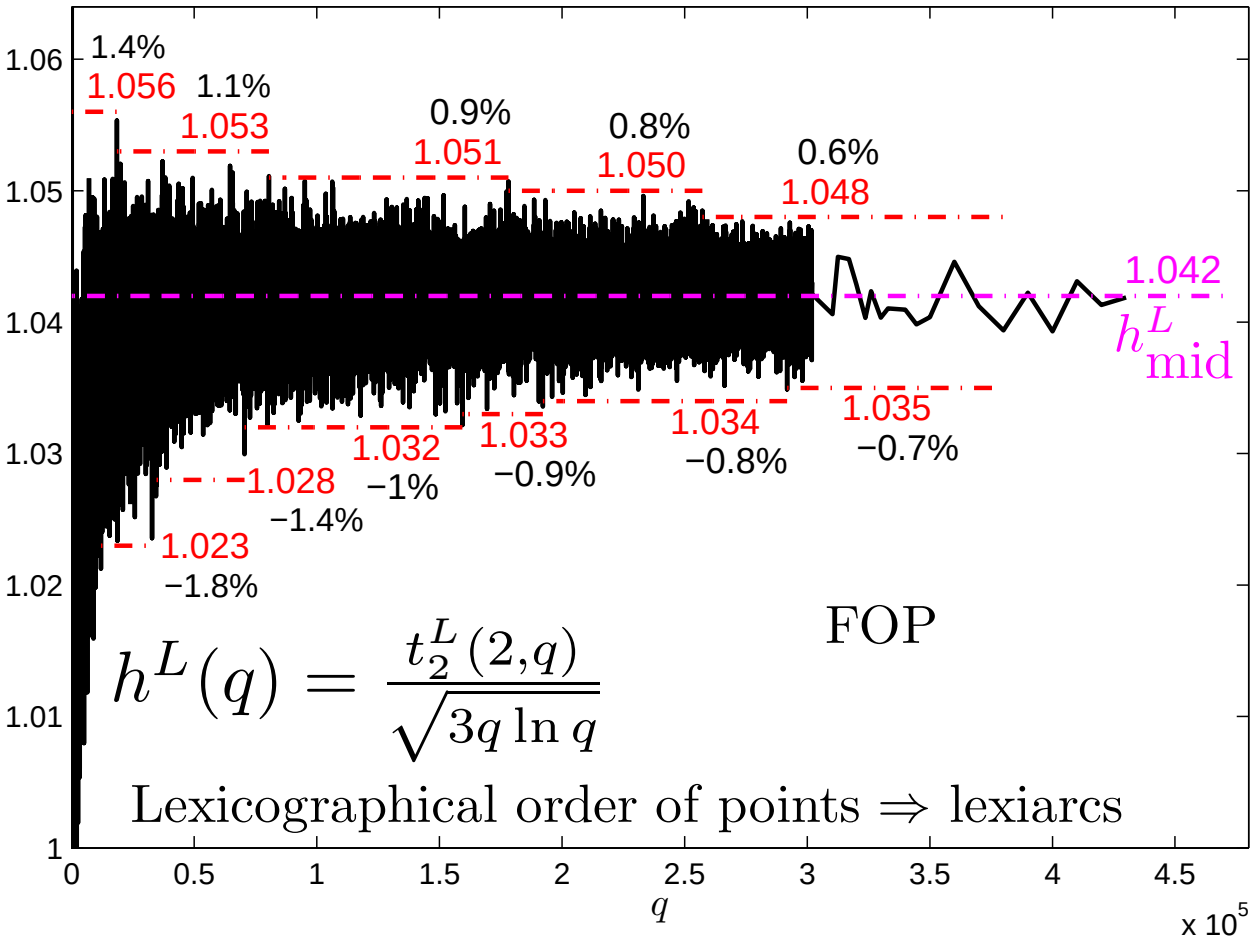

Figure 12: **Values of $h^L(q) = t_2^L(2,q)/\sqrt{3q\ln q}$ for complete lexiarcs in** $\mathrm{PG}(2,q)$**,** $q \in L$ (*solid black curve*) and the corresponding upper and lower bounds (*dashed-dotted red lines*). *Magenta line* $y = 1.042$ is a "middle" line for $h^L(q)$

By Theorems 3.5, 3.6 and Figure 12, we have the following observation.

Observation 3.7. *For $q \in L$, $q \geq 11971$, the values of $h^L(q) = t_2^L(2,q)/\sqrt{3q\ln q}$ oscillate around the horizontal line $y = 1.042$ with a small amplitude. For growing q, the oscillation amplitude decreases. Upper bounds on the amplitude decrease from 1.4% to 0.6% while lower bounds change from -1.8% to -0.7%, where the percentage corresponds to (3.8). See also Observations 3.2 and 3.4 and Remark 3.8.*

Remark 3.8. **(i)** The oscillation (with decreasing amplitude) of $\Delta_{1.05}(q)$, $\Delta_{c_{up}^L}(q)$, and $h^L(q)$ around the corresponding horizontal lines (see Figures 5, 9, 12 and Observations 3.2, 3.4, 3.7) is an interesting **enigma** that should be investigated and explained.

(ii) It would be interesting to understand the working mechanism and to do quantitative estimates for the step-by-step algorithm FOP, see (2.1), similarly to the work [8] where the working mechanism of a greedy algorithm is treated.

Corollary 3.9. *In the projective plane* $\mathrm{PG}(2,q)$ *the following upper bound holds:*

$$t_2(2,q) < 1.05\sqrt{3q\ln q} \quad \textit{for} \quad 7 \leq q \leq 301813,\ q \in L_4.$$

Proof. By [9, Tab. 3], we have $\overline{t}_2(2,178169) = 2530$, whence $h(178169) < \overline{h}(178169) < 0.996$. Now the assertion follows from (3.7). □

4 On the common nature lexiarcs and random arcs

In this section we compare complete random arcs in $\mathrm{PG}(2,q)$ and complete lexiarcs. The random arcs are constructed iteratively. The next point of an incomplete running arc is taken randomly among points that are not covered by the arc bisecants. Let $t_2^R(2,q)$ be the size of a complete random arc in $\mathrm{PG}(2,q)$. The values of $t_2^R(2,q)$ for $q \leq 46337$, q prime, are collected in the work [16]. We define a function $h^R(q)$.

$$t_2^R(2,q) = h^R(q)\sqrt{3q\ln q}.$$

Values of $h^R(q) = t_2^R(2,q)/\sqrt{3q\ln q}$ (the solid green curve) and upper bound $y = 1.054$ (the dashed-dotted red line) for $q \leq 46337$, q prime, are shown in Figure 13.

It is useful to compare sizes of complete lexiarc and complete random arcs. The percentage difference $\Delta^{LR}(q)$ between sizes of complete lexiarcs and complete random arcs in $\mathrm{PG}(2,q)$ for $q \leq 46337$, q prime, is shown in Figure 14 in the form

$$\Delta^{LR}(q) = \frac{t_2^L(2,q) - t_2^R(2,q)}{t_2^L(2,q)}100\%.$$

One can see that the difference $\Delta^{LR}(q)$ is relatively small; it is in the region $\approx \pm 2\%$. Moreover, the difference $\Delta^{LR}(q)$ oscillates around the horizontal line $y = 0$. It means that, perhaps, **lexiarcs and random arcs have the same nature.** This is expected, as the lexicographical order of points is a random order in the geometrical sense.

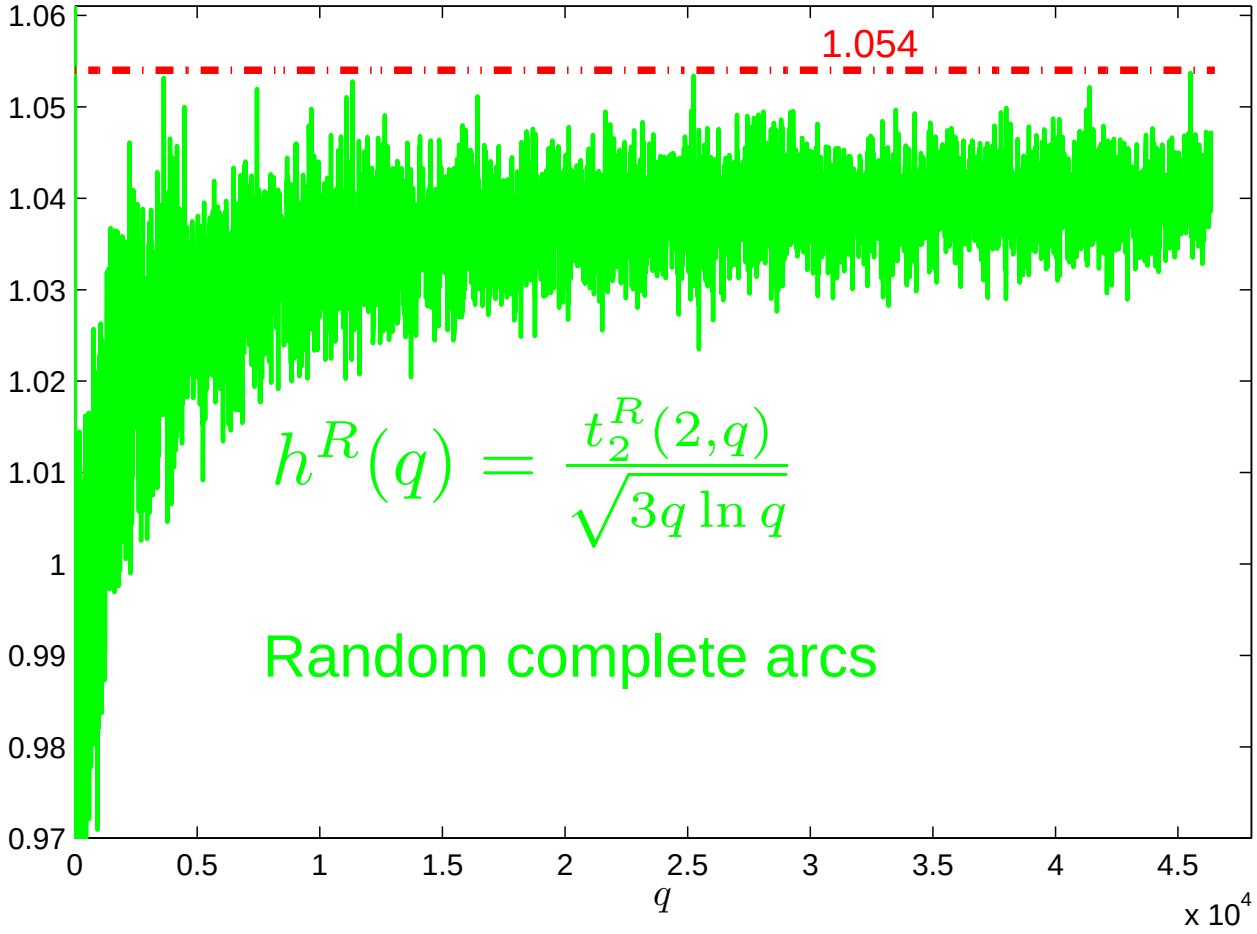

Figure 13: **Values of $h^R(q) = t_2^R(2,q)/\sqrt{3q \ln q}$ for complete random arcs in** PG$(2,q)$**,** $q \leq 46337$**,** q **prime** (*solid green curve*) and the upper bound $y = 1.054$ (*dashed-dotted red line*)

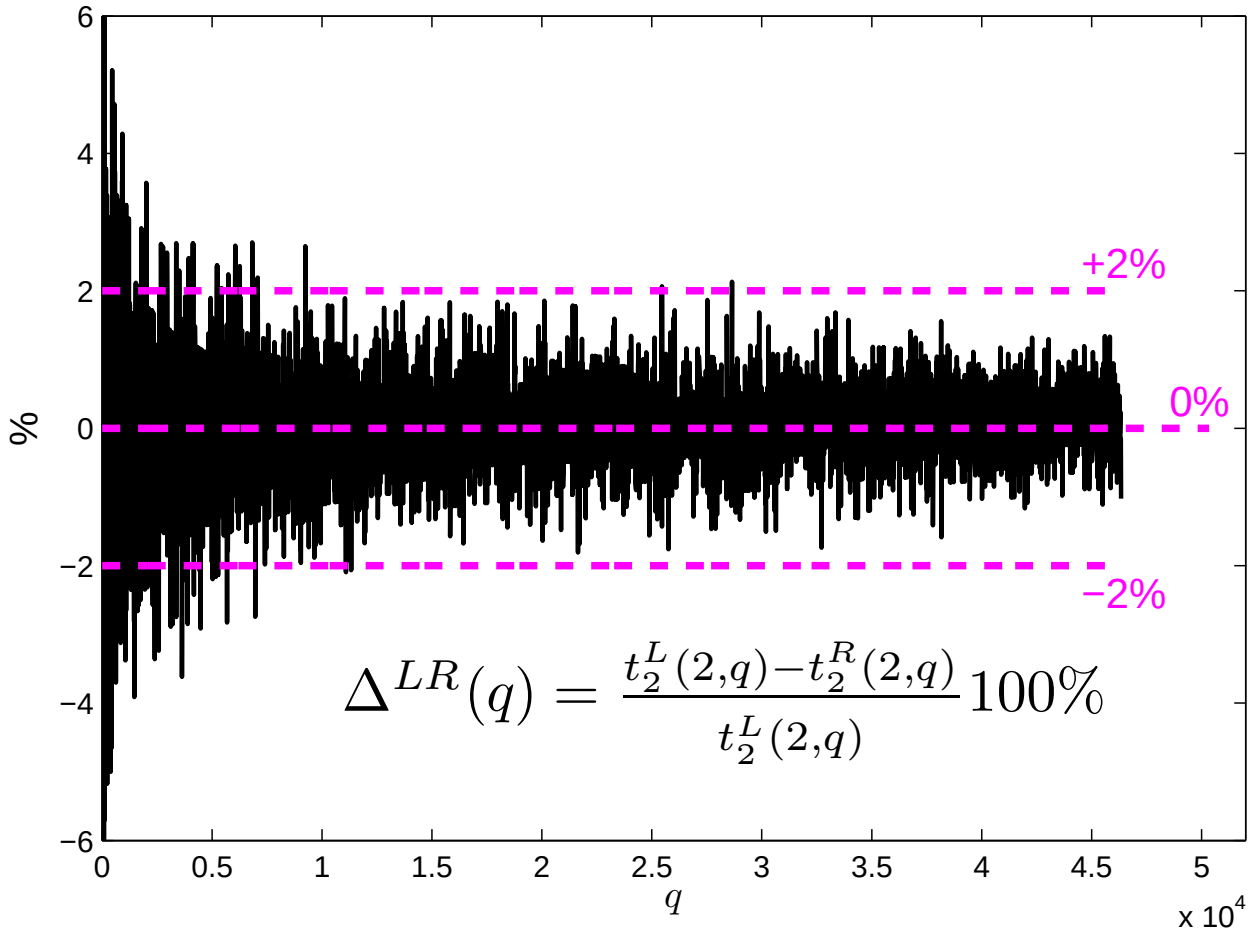

Figure 14: **Percentage difference $\Delta^{LR}(q)$ between sizes $t_2^L(2,q)$ of complete lexiarcs and sizes $t_2^R(2,q)$ of complete random arcs in** $\mathrm{PG}(2,q)$

5 List of tables with sizes of complete lexiarcs in the projective plane $\mathrm{PG}(2,q)$

6 Conclusion

The present work contains tables of sizes of **small complete arcs** in the projective plane $\mathrm{PG}(2,q)$ for **all** $q \le 301813$, q prime power. These arcs are obtained with the help of a **step-by-step algorithm with fixed order of points (FOP)**, see [11, 15, 17, 18, 21]. The algorithm FOP fixes a particular order on points of the projective plane $\mathrm{PG}(2,q)$. In every step, the algorithm FOP adds to an incomplete running arc the next point in this order not lying on bisecants of this arc. For arcs, sizes of which are collected in this work, a **lexicographical order of points** in the algorithm FOP was used. Therefore these arcs are called ***lexiarcs***.

In the present work, **upper bounds on the smallest size $t_2(2,q)$ of a complete arc in the projective plane** $\mathrm{PG}(2,q)$ are considered on the base of the sizes of complete lexiarcs, collected in this work, and of the smallest known sizes of complete arcs in $\mathrm{PG}(2,q)$ for **all** $q \le 160001$, q prime power, collected in [9].

For $q \le 301813$, the *computer search*, the results of which are used in this work, is *complete*, i.e. it has been performed for *all* q prime power. This *proves* that the described upper bounds on $t_2(2,q)$ are valid, at least, in this region, see (1.25) – (1.30) of Theorem 1.2. Calculations executed for sporadic $q \le 430007$ strengthen the confidence in the validity of these bounds for big q's, see also Figures 1 – 14. Moreover, the bounds of Theorem 1.2 are close to the conjectural bounds of [8] cited in Conjecture 1.1. By all the arguments, we conjecture that the bounds (1.25)–(1.30) hold for all $q \ge 109$, see Conjecture 1.3.

The most of the smallest known complete arcs, sizes of which are collected in [9], are obtained by computer search using randomized greedy algorithms [10, 12, 14, 17, 28, 29, 34]. In every step, a step-by-step greedy algorithm adds to an incomplete running arc a point providing the maximum possible (for the given step) number of new covered points.

Complete arcs obtained by greedy algorithms have smaller sizes than complete lexiarcs, however the greedy algorithms take essentially greater computer time than the algorithm FOP. This is why the complete computer search for all q's prime power with the help of greedy algorithms is done for $q \le 160001$ [9] whereas the complete search by algorithm FOP is executed for $q \le 301813$.

On the other hand, the difference between sizes of complete lexiarcs and the smallest known sizes of complete arcs in $\mathrm{PG}(2,q)$ is relatively small; it is $\lesssim 6\%$ for $q \gtrsim 90000$, see Figure 2. Therefore, *for the computer search with large q* the *algorithm FOP* with lexicographical order of the points seems to be *better than greedy algorithms*.

Moreover, investigations of complete lexiarcs for large q could help understanding of the **enigma** connected with oscillation (with decreasing amplitude) of the values of $\Delta_{1.05}(q)$, $\Delta_{c^L_{up}}(q)$, and $h^L(q)$ around the corresponding horizontal lines (see Figures 5, 9, 12, Observations 3.2, 3.4, 3.7, and Remark 3.8).

It would be useful also to understand the structure of lexiarcs, in particular, the initial part of a lexiarc that is the same for all lexiarcs with greater q, see Subsection 2.3.

Finally, further investigations of random arcs and their "similarity" to lexiarcs, see Figures 13 – 14, would be interesting.

This work can be considered as a continuation and development of the paper [10].

References

[1] V. Abatangelo, *A class of complete* $[(q+8)/3]$*-arcs of* $PG(2,q)$*, with* $q = 2^h$ *and* h (≥ 6) *even*, Ars Combinatoria, **16**, 103–111 (1983)

[2] A. H. Ali, "Classification of arcs in Galois plane of order thirteen," Ph.D. Thesis, University of Sussex (1993)

[3] S. Ball, *On small complete arcs in a finite plane*, Discrete Math., **174**, 29–34 (1997)

[4] D. Bartoli, A. Davydov, G. Faina, A. Kreshchuk, S. Marcugini, F. Pambianco, *Two types of upper bounds on the smallest size of a complete arc in the plane* $PG(2,q)$, in "Proc. VII Int. Workshop on Optimal Codes and Related Topics, OC2013,"Albena, Bulgaria, pp. 19–25, http://www.moi.math.bas.bg/oc2013/a4.pdf (2013)

[5] D. Bartoli, A. A. Davydov, G. Faina, A. A. Kreshchuk, S. Marcugini, and F. Pambianco, *Tables of sizes of small complete arcs in the plane* $PG(2,q)$*,* $q \le 360007$*,* arXiv:1312.2155v1 [math.CO], http://arxiv.org/abs/1312.2155v1 (2013)

[6] D. Bartoli, A. A. Davydov, G. Faina, A. A. Kreshchuk, S. Marcugini, and F. Pambianco, *Tables of sizes of small complete arcs in the plane* $PG(2,q)$*,* $q \le 410009$, arXiv:1312.2155v2 [math.CO], http://arxiv.org/abs/1312.2155v2 (2014)

[7] D. Bartoli, A. A. Davydov, G. Faina, A. A. Kreshchuk, S. Marcugini, and F. Pambianco, *Conjectural upper bounds on the smallest size of a complete arc in $PG(2,q)$ based on an analysis of step-by-step greedy algorithms*, in "Proc. XIV Int. Workshop on Algebraic and Combin. Coding Theory, ACCT2014," Svetlogorsk, Russia, pp. 24–31, http://www.moi.math.bas.bg/acct2014/a4.pdf (2014)

[8] D. Bartoli, A. A. Davydov, G. Faina, A.A. Kreshchuk, S. Marcugini, and F. Pambianco, *Upper bounds on the smallest sizes of a complete arc in $PG(2,q)$ under certain probabilistic conjectures,* Problems Inform. Transmission **50**, 320–339 (2014)

[9] D. Bartoli, A. A. Davydov, G. Faina, A. A. Kreshchuk, S. Marcugini, and F. Pambianco, *Tables, bounds and graphics of the smallest known sizes of complete arcs in the plane* $\mathrm{PG}(2,q)$ *for all* $q \leq 160001$ *and sporadic* q *in the interval* $[160801 \ldots 430007]$, arXiv:1312.2155v3 [math.CO], http://arxiv.org/abs/1312.2155v3 (2015)

[10] D. Bartoli, A. A. Davydov, G. Faina, A. A. Kreshchuk, S. Marcugini, and F. Pambianco, *Upper bounds on the smallest size of a complete arc in a finite Desarguesian projective plane based on computer search*, J. Geom., to appear, DOI: 10.1007/s00022-015-0277-z

[11] D. Bartoli, A. A. Davydov, G. Faina, A. A. Kreshchuk, S. Marcugini, F. Pambianco, I. A. Tkachenko, *Upper bounds on the smallest sizes of a complete arc in $PG(2,q)$ based on computer search*, in "Proc. XIV Int. Workshop on Algebraic and Combin. Coding Theory, ACCT2014," Svetlogorsk, Russia, pp. 32–40, http://www.moi.math.bas.bg/acct2014/a5.pdf (2014)

[12] D. Bartoli, A. A. Davydov, G. Faina, S. Marcugini, and F. Pambianco, *On sizes of complete arcs in $PG(2,q)$*, Discrete Math., **312**, 680–698 (2012)

[13] D. Bartoli, A. A. Davydov, G. Faina, S. Marcugini, and F. Pambianco, *New upper bounds on the smallest size of a complete arc in the plane* $\mathrm{PG}(2,q)$. In: "Proc. XIII Int. Workshop on Algebraic and Combin. Coding Theory, ACCT2012," Pomorie, Bulgaria, pp. 60–66, http:www.moi.math.bas.bg/moiuser/∼ACCT2012/b10.pdf (2012)

[14] D. Bartoli, A. A. Davydov, G. Faina, S. Marcugini and F. Pambianco, *New upper bounds on the smallest size of a complete arc in a finite Desarguesian projective plane,* J. Geom., **104**, 11–43 (2013)

[15] D. Bartoli, A. A. Davydov, G. Faina, S. Marcugini, and F. Pambianco, *Tables of sizes of small complete arcs in the plane $PG(2,q)$, $q \leq 190027$, obtained by an algorithm with fixed order of points (FOP),* arXiv:1404.0469v1 [math.CO], http://arxiv.org/abs/1404.0469v1 (2014)

[16] D. Bartoli, A. A. Davydov, G. Faina, S. Marcugini, and F. Pambianco, *Tables of sizes of random complete arcs in the plane $PG(2,q)$*, arXiv:1405.5862 [math.CO], http://arxiv.org/abs/1405.5862 (2014)

[17] D. Bartoli, A. A. Davydov, G. Faina, S. Marcugini and F. Pambianco, *New types of estimates for the smallest size of complete arcs in a finite Desarguesian projective plane*, J. Geom., **106**, 1–17 (2015)

[18] D. Bartoli, A. A. Davydov, S. Marcugini, F. Pambianco, *New type of estimations for the smallest size of complete arcs in $PG(2,q)$*, in "Proc. XIII Int. Workshop on Algebraic and Combin. Coding Theory, ACCT2012," Pomorie, Bulgaria, pp. 67–72 http://www.moi.math.bas.bg/moiuser/∼ACCT2012/b11.pdf (2012)

[19] D. Bartoli, A. A. Davydov, S. Marcugini and F. Pambianco, *A 3-cycle construction of complete arcs sharing $(q+3)/2$ points with a conic*, Advanc. Math. Commun., **7**, 319–334 (2013)

[20] D. Bartoli, G. Faina, S. Marcugini and F. Pambianco, *On the minimum size of complete arcs and minimal saturating sets in projective planes*, J. Geom., **104**, 409–419 (2013)

[21] D. Bartoli, G. Faina, S. Marcugini, F.Pambianco, A. A. Davydov, *A New algorithm and a new type of estimate for the smallest size of complete arcs in $PG(2,q)$*, Electron. Notes Discrete Math., **40**, 27–31 (2013)

[22] D. Bartoli, S. Marcugini, and F. Pambianco, *New quantum caps in* PG(4,4), J. Combin. Des., **20**, 448–466 (2012)

[23] A. Blokhuis, *Blocking sets in desarguesian planes,* in "Erdős is eighty, Bolyai society mathematical studies", eds D. Miklós, V. T. Sós, T. Szónyi, vol. 2, 133–155 (1996)

[24] E. Boros, T. Szőnyi, K. Tichler, *On defining sets for projective planes*, Discrete Math., **303** (2005), 17-31.

[25] G. Cohen, S. Litsyn, G. Zemor, *On greedy algorithms in coding theory.* IEEE Trans. Inform. Theory **42**, 2053–2057 (1996)

[26] K. Coolsaet and H. Sticker, *A full classification of the complete k-arcs in $PG(2,23)$ and $PG(2,25)$*, J. Combin. Des., **17**, 459–477 (2009)

[27] K. Coolsaet and H. Sticker, *The complete k-arcs of $PG(2,27)$ and $PG(2,29)$,* J. Combin. Des., **19**, 111–130 (2011)

[28] A. A. Davydov, G. Faina, S. Marcugini and F. Pambianco, *Computer search in projective planes for the sizes of complete arcs*, J. Geom., **82**, 50–62 (2005)

[29] A. A. Davydov, G. Faina, S. Marcugini and F. Pambianco, *On sizes of complete caps in projective spaces $PG(n,q)$ and arcs in planes $PG(2,q)$*, J. Geom., **94**, 31–58 (2009)

[30] A. A. Davydov, M. Giulietti, S. Marcugini and F. Pambianco, *On sharply transitive sets in $PG(2,q)$*, Innov. Incid. Geom., **6-7**, 139–151 (2009)

[31] A. A. Davydov, M. Giulietti, S. Marcugini and F. Pambianco, *New inductive constructions of complete caps in $PG(N,q)$, q even,* J. Comb. Des., **18**, 176–201 (2010)

[32] A. A. Davydov, M. Giulietti, S. Marcugini and F. Pambianco, *Linear nonbinary covering codes and saturating sets in projective spaces,* Advanc. Math. Commun., **5**, 119–147 (2011)

[33] A. A. Davydov, S. Marcugini, F. Pambianco, *On saturating sets in projective spaces,* J. Combin. Theory, Ser. A, **103**, 1–15 (2003)

[34] A. A. Davydov, S. Marcugini, F. Pambianco, *Complete caps in projective spaces $PG(n,q)$*, J. Geom., **80**, 23–30 (2004)

[35] G. Faina, M. Giulietti, *On small dense arcs in Galois planes of square order,* Discrete Math., **267**, 113–125 (2003)

[36] G. Faina, S. Marcugini, A. Milani, F. Pambianco, *The spectrum of the values k for which there exists a complete k -arc in $PG(2,q)$ for $q \leq 23$*, Ars Combin., **47**, 3–11 (1997)

[37] G. Faina and F. Pambianco, *On the spectrum of the values k for which a complete k-cap in $PG(n,q)$ exists*, J. Geom., **62**, 84–98 (1998)

[38] G. Faina and F. Pambianco, *On some 10-arcs for deriving the minimum order for complete arcs in small projective planes,* Discrete Math., **208–209**, 261–271 (1999)

[39] A. Gács, T. Szőnyi, *Random constructions and density results,* Des. Codes Cryptogr., **47**, 267–287 (2008)

[40] M. Giulietti, *Small complete caps in $PG(2,q)$ for q an odd square,* J. Geom., **69** (2000), 110–116.

[41] M. Giulietti, *Small complete caps in Galois affine spaces,* J. Alg. Combin., **25**, 149–168 (2007)

[42] M. Giulietti, *Small complete caps in $PG(N,q)$, q even,* J. Combin. Des., **15**, 420–436 (2007)

[43] M. Giulietti, *The geometry of covering codes: small complete caps and saturating sets in Galois spaces,* in "Surveys in Combinatorics 2013," (eds. S. R. Blackburn, R. Holloway, and M. Wildon) London Math. Soc., Lect. Note Series **409**, Cambridge Univ. Press, pp. 51–90 (2013)

[44] M. Giulietti, G. Korchmáros, S. Marcugini, F.Pambianco, *Transitive A_6-invariant k-arcs in $PG(2,q)$*, Des. Codes Cryptogr., **68**, 73–79 (2013)

[45] M. Giulietti, E. Ughi, *A small complete arc in $PG(2,q)$, $q = p^2$, $p \equiv 3$ (mod 4),* Discrete Math., **208–209**, 311–318 (1999)

[46] C. E. Gordon, *Orbits of arcs in $PG(N,K)$ under projectivities,* Geom. Dedicata, **42**, 187–203 (1992)

[47] É. Hadnagy, *Small Complete Arcs in $PG(2,p)$,* Finite Fields Their Applic., **5**, 1–12 (1999)

[48] A. Hartman and L. Raskin, *Problems and algorithms for covering arrays*, Discrete Math., **284**, 149–156 (2004)

[49] J. W. P. Hirschfeld, *Maximum sets in finite projective spaces.* In: Lloyd, E. K. (ed.) Surveys in Combinatorics, London Math. Soc. Lecture Note Ser. **82**, pp. 55–76. Cambridge University Press, Cambridge (1983)

[50] J. W. P. Hirschfeld, "Projective geometries over finite fields," 2^{nd} edition, Clarendon Press, Oxford, 1998.

[51] J. W. P. Hirschfeld and A. Sadeh, *The projective plane over the field of eleven elements,* Mitt. Math. Sem. Giessen **164**, 245-ï¿½257 (1984)

[52] J. W. P. Hirschfeld and L. Storme, *The packing problem in statistics, coding theory and finite projective spaces,* J. Statist. Planning Infer., **72**, 355–380 (1998)

[53] J. W. P. Hirschfeld and L. Storme, *The packing problem in statistics, coding theory and finite geometry: update 2001*, in "“Finite Geometries, Proc. of the Fourth Isle of Thorns Conf., Developments of Mathematics, vol. **3**" (eds. A. Blokhuis, J. W. P. Hirschfeld, D. Jungnickel and J. A. Thas), Kluwer, 201–246 (2001)

[54] J. W. P. Hirschfeld and J. A. Thas, *Open problems in finite projective spaces.* Finite Fields Their Appl. **32**, 44–81 (2015)

[55] G. Keri, *Types of superregular matrices and the number of n-arcs and complete n-arcs in $PG(r,q)$*, J. Comb. Des., **14** (2006), 363–390.

[56] J. H. Kim and V. Vu, *Small complete arcs in projective planes*, Combinatorica, **23**, 311–363 (2003)

[57] G. Korchmáros, *New examples of complete k-arcs in $PG(2,q)$*, Europ. J. Combin., **4**, 329–334 (1983)

[58] S. J. Kovács, *Small saturated sets in finite projective planes,* Rend. Mat. (Roma), **12**, 157–164 (1992)

[59] I. N. Landjev, *Linear codes over finite fields and finite projective geometries*, Discrete Math., **213**, 211–244 (2000)

[60] I. Landjev and L. Storme, *Galois geometries and Coding theory*, in “Current research topics in Galois geometry”, (eds.: J. De Beule and L. Storme), Nova Science Publishers, Chapter 8, pp. 187–214 (2012)

[61] P. Lisoněk, "Computer-assisted studies in algebraic combinatorics," Ph.D. thesis, Research Institute for Symbolic Computation, J. Kepler Univ. Linz, 1994, RISC Linz Report Series No. 94-68.

[62] P. Lisoněk, S. Marcugini, F. Pambianco, *Constructions of small complete arcs with prescribed symmetry,* Contribut. Discrete Math., **3**, 14–19 (2008)

[63] Lombardo-Radice, L.: *Sul problema dei k-archi completi di* $S_{2,q}$. Boll. Un. Mat. Ital. **11**, 178–181 (1956)

[64] S. Marcugini, A. Milani, and F. Pambianco, *Minimal complete arcs in* $PG(2,q)$, $q \leq 29$, J. Combin. Math. Combin. Comput., **47**, 19–29 (2003)

[65] S. Marcugini, A. Milani, and F. Pambianco, *Complete arcs in* $PG(2,25)$*: The spectrum of the sizes and the classification of the smallest complete arcs.* Discrete Math., **307**, 739–747 (2007)

[66] L. Monroe, *Binary greedy codes.* Congressus Numerantium, **104**, 49–63 (1994)

[67] L. Monroe, V. Pless, *Greedy generation of non-binary codes.* In: Proc. IEEE Int. Symp. Inform. Theory, ISIT 1995.

[68] P. R. J. Östergård, *Computer search for small complete caps,* J. Geom., **69**, 172–179 (2000)

[69] N. Pace, *On small complete arcs and transitive* $A5$*-invariant arcs in the projective plane* $PG(2,q)$, J. Combin. Des., **22**, 425–434 (2014)

[70] G. Pellegrino, *Un'osservazione sul problema dei k-archi completi in* $S_{2,q}$*, con* $q \equiv 1 \pmod 4$, Atti Accad. Naz. Lincei Rend., **63**, 33–44 (1977)

[71] G. Pellegrino, *Archi completi, contenenti* $(q+1)/2$ *punti di una conica, nei piani di Galois di ordine dispari,* Rend. Circ. Mat. Palermo (2), **62**, 273–308 (1993)

[72] V.S. Pless, *Coding constructions.* In: Handbook of Coding Theory (eds. V.S. Pless, W.C. Human and R.A. Brualdi), Elsevier, Amsterdam, The Netherlands, 141–176. Sect. 7 (1998)

[73] O. Polverino, *Small minimal blocking sets and complete k-arcs in* $PG(2,p^3)$*,* Discrete Math., **208–209**, 469–476 (1999)

[74] B. Segre, *Le geometrie di Galois,* Ann. Mat. Pura Appl., **48**, 1–97 (1959)

[75] B. Segre, *Introduction to Galois geometries,* Atti Accad. Naz. Lincei Mem., **8**, 133–236 (1967)

[76] T. Szőnyi, *Small complete arcs in Galois planes*, Geom. Dedicata, **18**, 161–172 (1985)

[77] T. Szőnyi, *Note on the order of magnitude of k for complete k-arcs in* $PG(2,q)$, Discrete Math., **66**, 279–282 (1987)

[78] T. Szőnyi, *Arcs in cubic curves and 3-independent subsets of abelian groups,* in "Colloquia Mathematica Societatis Janos Bolyai 52. Combinatorics, Eger" pp. 499–508 (1987)

[79] T. Szőnyi, *Complete arcs in Galois planes: survey,* Quaderni del Seminario di Geometrie Combinatorie, Università degli studi di Roma, La Sapienza, **94**, (1989)

[80] T. Szőnyi, *Arcs, caps, codes and 3-independent subsets*, in "Giornate di Geometrie Combinatorie" (eds. G. Faina and G. Tallini) Università degli studi di Perugia, Perugia, pp. 57–80 (1993)

[81] T. Szőnyi, *Some applications of algebraic curves in finite geometry and combinatorics*, in "Surveys in Combinatorics" (ed. R. A. Bailey) Cambridge Univ. Press, Cambridge, 198–236 (1997)

[82] J. A. Thas, *M.D.S. codes and arcs in projective spaces: a survey,* Le Matematiche (Catania), **47**, 315–328 (1992)

[83] E. Ughi, *Saturated configurations of points in projective Galois spaces.* European J. Combin. **8**, 325–334 (1987)

[84] E. Ughi, *The values* $\sqrt{2q}$ *and* $\log_2 q$*: their relationship with k-arcs*, Ars Combinatoria, **57**, 201–207 (2000)

[85] E. Ughi, *Small almost complete arcs*, Discrete Math., **255**, 367–379 (2002)

[86] J. F. Voloch, *On the completeness of certain plane arcs*, European J. Combin., **8**, 453–456 (1987)

[87] J. F. Voloch, *On the completeness of certain plane arcs II*, European J. Combin., **11**, 491–496 (1990)

[88] A. J. van Zanten, I. N. Suparta, *On the construction of linear q-ary lexicodes*, Des. Codes Crypt., **37**, 15–29 (2005)

7 Appendix. Tables sizes of complete lexiarcs in the projective plane $\mathrm{PG}(2,q)$

Table 1. The sizes $t_2^L = t_2^L(2,q)$ of complete lexiarcs in planes $\mathrm{PG}(2,q)$, $4 \le q \le 300763$, q non-prime

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
4	6	8	6	9	8	16	12	25	14	27	14
32	17	49	24	64	26	81	31	121	40	125	40
128	43	169	49	243	59	256	64	289	68	343	77
361	80	512	99	529	97	625	108	729	120	841	129
961	140	1024	142	1331	173	1369	172	1681	195	1849	207
2048	219	2187	227	2197	228	2209	228	2401	242	2809	261
3125	283	3481	296	3721	310	4096	328	4489	344	4913	362
5041	369	5329	383	6241	416	6561	429	6859	442	6889	445
7921	483	8192	491	9409	525	10201	551	10609	562	11449	590
11881	600	12167	606	12769	626	14641	680	15625	691	16129	710
16384	718	16807	722	17161	733	18769	776	19321	787	19683	795
22201	847	22801	859	24389	887	24649	896	26569	935	27889	959
28561	975	29791	996	29929	997	32041	1040	32761	1055	32768	1048
36481	1114	37249	1127	38809	1158	39601	1174	44521	1245	49729	1316
50653	1333	51529	1341	52441	1360	54289	1385	57121	1424	58081	1447
59049	1448	63001	1504	65536	1531	66049	1542	68921	1579	69169	1575
72361	1627	73441	1637	76729	1680	78125	1684	78961	1704	79507	1712
80089	1720	83521	1755	85849	1776	94249	1866	96721	1891	97969	1910
100489	1947	103823	1980	109561	2036	113569	2087	117649	2119	120409	2132
121801	2149	124609	2184	128881	2214	130321	2231	131072	2240	134689	2272
139129	2327	143641	2358	146689	2388	148877	2408	151321	2419	157609	2479
160801	2504	161051	2506	167281	2553	175561	2629	177147	2638	177241	2649
185761	2713	187489	2721	192721	2774	196249	2785	201601	2831	205379	2858
208849	2891	212521	2919	214369	2934	218089	2956	226981	3020	229441	3029
237169	3097	241081	3119	249001	3174	253009	3206	259081	3236	262144	3258
271441	3328	273529	3358	279841	3391	292681	3461	299209	3505	300763	3512

Table 2. The sizes $t_2^L = t_2^L(2,q)$ of complete lexiarcs in planes $\mathrm{PG}(2,q)$, $301897 \le q \le 430007$, sporadic q

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
301897	3506	301901	3522	301907	3526	301913	3523
310249	3570	312509	3599	316969	3626	320009	3638
323761	3652	326041	3673	330017	3690	332929	3710
340007	3752	344569	3775	350003	3809	360007	3883
370003	3928	380041	3978	390001	4045	400009	4089
410009	4159	420001	4206	430007	4262		

Table 3. The sizes $t_2^L = t_2^L(2,q)$ of complete lexiarcs in planes PG$(2,q)$, $3 \le q \le 10000$, q power prime

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
3	4	4	6	5	6	7	8	8	6	9	8	11	8	13	12
16	12	17	11	19	12	23	14	25	14	27	14	29	16	31	16
32	17	37	19	41	19	43	20	47	22	49	24	53	23	59	25
61	25	64	26	67	27	71	28	73	27	79	30	81	31	83	32
89	32	97	35	101	35	103	37	107	39	109	38	113	40	121	40
125	40	127	41	128	43	131	41	137	44	139	42	149	46	151	46
157	46	163	47	167	48	169	49	173	50	179	53	181	51	191	52
193	54	197	52	199	55	211	58	223	59	227	57	229	58	233	58
239	61	241	62	243	59	251	63	256	64	257	63	263	65	269	64
271	66	277	68	281	67	283	70	289	68	293	69	307	70	311	72
313	71	317	71	331	76	337	76	343	77	347	77	349	76	353	79
359	77	361	80	367	81	373	79	379	80	383	81	389	80	397	85
401	84	409	84	419	86	421	86	431	86	433	88	439	88	443	88
449	89	457	90	461	96	463	91	467	94	479	93	487	93	491	94
499	94	503	96	509	99	512	99	521	97	523	100	529	97	541	98
547	102	557	106	563	103	569	105	571	106	577	103	587	107	593	108
599	109	601	109	607	105	613	111	617	108	619	110	625	108	631	108
641	110	643	114	647	112	653	111	659	114	661	114	673	118	677	115
683	113	691	117	701	120	709	116	719	116	727	120	729	120	733	121
739	121	743	121	751	121	757	122	761	124	769	125	773	123	787	123
797	126	809	131	811	129	821	127	823	129	827	132	829	129	839	128
841	129	853	130	857	134	859	134	863	135	877	138	881	134	883	133
887	133	907	138	911	139	919	138	929	140	937	139	941	141	947	139
953	140	961	140	967	139	971	142	977	143	983	142	991	143	997	146
1009	147	1013	144	1019	146	1021	145	1024	142	1031	149	1033	147	1039	148
1049	151	1051	147	1061	150	1063	148	1069	150	1087	152	1091	154	1093	154
1097	151	1103	156	1109	154	1117	157	1123	154	1129	154	1151	155	1153	158
1163	157	1171	159	1181	160	1187	165	1193	158	1201	162	1213	161	1217	164
1223	163	1229	162	1231	163	1237	164	1249	167	1259	167	1277	168	1279	164
1283	168	1289	169	1291	170	1297	170	1301	172	1303	171	1307	171	1319	170
1321	170	1327	171	1331	173	1361	175	1367	176	1369	172	1373	173	1381	175
1399	178	1409	177	1423	178	1427	180	1429	179	1433	178	1439	178	1447	180
1451	178	1453	182	1459	181	1471	179	1481	182	1483	181	1487	181	1489	182
1493	185	1499	183	1511	183	1523	186	1531	189	1543	186	1549	184	1553	190
1559	187	1567	188	1571	189	1579	188	1583	188	1597	190	1601	191	1607	188
1609	194	1613	193	1619	191	1621	193	1627	191	1637	189	1657	194	1663	194
1667	194	1669	196	1681	195	1693	196	1697	198	1699	197	1709	199	1721	201
1723	200	1733	200	1741	200	1747	200	1753	201	1759	201	1777	203	1783	205
1787	208	1789	206	1801	204	1811	202	1823	205	1831	205	1847	207	1849	207
1861	205	1867	210	1871	206	1873	208	1877	206	1879	209	1889	209	1901	212

Table 3. Continue 1

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
1907	209	1913	212	1931	215	1933	214	1949	213	1951	210	1973	217	1979	218
1987	220	1993	220	1997	216	1999	218	2003	218	2011	215	2017	224	2027	219
2029	217	2039	219	2048	219	2053	216	2063	223	2069	220	2081	220	2083	221
2087	223	2089	220	2099	226	2111	222	2113	229	2129	229	2131	228	2137	228
2141	229	2143	227	2153	226	2161	227	2179	226	2187	227	2197	228	2203	233
2207	230	2209	228	2213	231	2221	233	2237	234	2239	233	2243	234	2251	231
2267	233	2269	236	2273	238	2281	237	2287	235	2293	232	2297	234	2309	233
2311	240	2333	236	2339	239	2341	239	2347	237	2351	236	2357	237	2371	239
2377	242	2381	239	2383	241	2389	240	2393	238	2399	243	2401	242	2411	239
2417	244	2423	241	2437	243	2441	246	2447	245	2459	248	2467	243	2473	248
2477	244	2503	251	2521	249	2531	246	2539	246	2543	251	2549	251	2551	249
2557	251	2579	247	2591	253	2593	253	2609	252	2617	255	2621	255	2633	254
2647	256	2657	256	2659	254	2663	258	2671	259	2677	257	2683	261	2687	255
2689	262	2693	256	2699	258	2707	255	2711	259	2713	258	2719	256	2729	262
2731	263	2741	261	2749	261	2753	263	2767	265	2777	267	2789	263	2791	266
2797	268	2801	262	2803	264	2809	261	2819	261	2833	265	2837	264	2843	265
2851	269	2857	270	2861	264	2879	269	2887	272	2897	270	2903	269	2909	270
2917	271	2927	271	2939	270	2953	274	2957	274	2963	274	2969	270	2971	272
2999	275	3001	272	3011	276	3019	275	3023	274	3037	278	3041	275	3049	277
3061	279	3067	279	3079	279	3083	278	3089	280	3109	277	3119	277	3121	279
3125	283	3137	283	3163	280	3167	287	3169	282	3181	287	3187	282	3191	283
3203	280	3209	285	3217	284	3221	287	3229	287	3251	285	3253	290	3257	292
3259	287	3271	291	3299	292	3301	289	3307	292	3313	290	3319	289	3323	289
3329	292	3331	295	3343	287	3347	291	3359	293	3361	293	3371	297	3373	291
3389	294	3391	292	3407	295	3413	293	3433	296	3449	300	3457	295	3461	294
3463	296	3467	297	3469	296	3481	296	3491	299	3499	300	3511	305	3517	301
3527	300	3529	297	3533	301	3539	302	3541	302	3547	303	3557	303	3559	298
3571	304	3581	303	3583	302	3593	300	3607	307	3613	305	3617	307	3623	309
3631	307	3637	304	3643	305	3659	308	3671	308	3673	307	3677	309	3691	314
3697	305	3701	306	3709	310	3719	308	3721	310	3727	310	3733	311	3739	310
3761	313	3767	312	3769	313	3779	313	3793	313	3797	315	3803	311	3821	316
3823	314	3833	319	3847	317	3851	316	3853	314	3863	316	3877	320	3881	321
3889	316	3907	315	3911	323	3917	321	3919	321	3923	317	3929	318	3931	325
3943	323	3947	320	3967	320	3989	324	4001	323	4003	322	4007	323	4013	325
4019	326	4021	324	4027	324	4049	328	4051	324	4057	328	4073	324	4079	327
4091	329	4093	326	4096	328	4099	327	4111	328	4127	334	4129	332	4133	331
4139	335	4153	329	4157	330	4159	330	4177	330	4201	336	4211	337	4217	334
4219	337	4229	338	4231	333	4241	337	4243	331	4253	333	4259	335	4261	336
4271	337	4273	334	4283	333	4289	335	4297	338	4327	339	4337	339	4339	338
4349	336	4357	341	4363	342	4373	338	4391	342	4397	341	4409	342	4421	344

Table 3. Continue 2

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
4423	339	4441	342	4447	344	4451	342	4457	346	4463	347	4481	343	4483	348
4489	344	4493	343	4507	346	4513	343	4517	345	4519	351	4523	349	4547	345
4549	349	4561	349	4567	348	4583	347	4591	349	4597	350	4603	352	4621	350
4637	352	4639	351	4643	349	4649	353	4651	351	4657	352	4663	351	4673	352
4679	359	4691	353	4703	361	4721	360	4723	354	4729	356	4733	356	4751	356
4759	355	4783	361	4787	359	4789	359	4793	360	4799	361	4801	362	4813	361
4817	357	4831	362	4861	363	4871	362	4877	356	4889	369	4903	361	4909	362
4913	362	4919	364	4931	369	4933	366	4937	365	4943	366	4951	363	4957	366
4967	366	4969	370	4973	369	4987	365	4993	360	4999	372	5003	369	5009	371
5011	366	5021	373	5023	364	5039	369	5041	369	5051	368	5059	370	5077	370
5081	369	5087	370	5099	369	5101	370	5107	371	5113	370	5119	370	5147	373
5153	371	5167	376	5171	377	5179	370	5189	377	5197	378	5209	374	5227	381
5231	380	5233	379	5237	378	5261	374	5273	378	5279	375	5281	380	5297	381
5303	380	5309	382	5323	382	5329	383	5333	380	5347	382	5351	381	5381	383
5387	383	5393	387	5399	383	5407	386	5413	382	5417	387	5419	387	5431	392
5437	385	5441	383	5443	388	5449	383	5471	387	5477	386	5479	389	5483	387
5501	386	5503	389	5507	387	5519	391	5521	390	5527	385	5531	384	5557	391
5563	391	5569	389	5573	390	5581	394	5591	394	5623	392	5639	395	5641	390
5647	390	5651	397	5653	393	5657	396	5659	393	5669	398	5683	389	5689	397
5693	394	5701	396	5711	395	5717	393	5737	398	5741	401	5743	402	5749	405
5779	398	5783	400	5791	402	5801	397	5807	397	5813	398	5821	400	5827	396
5839	399	5843	399	5849	401	5851	404	5857	400	5861	404	5867	401	5869	402
5879	400	5881	406	5897	401	5903	404	5923	404	5927	403	5939	408	5953	406
5981	411	5987	407	6007	408	6011	407	6029	412	6037	408	6043	413	6047	411
6053	414	6067	413	6073	410	6079	407	6089	409	6091	408	6101	405	6113	412
6121	413	6131	415	6133	411	6143	413	6151	408	6163	414	6173	415	6197	412
6199	419	6203	412	6211	421	6217	412	6221	417	6229	412	6241	416	6247	420
6257	419	6263	424	6269	414	6271	413	6277	418	6287	420	6299	423	6301	417
6311	422	6317	418	6323	420	6329	423	6337	424	6343	413	6353	421	6359	420
6361	420	6367	421	6373	423	6379	421	6389	423	6397	422	6421	426	6427	425
6449	422	6451	422	6469	425	6473	427	6481	429	6491	427	6521	424	6529	429
6547	430	6551	427	6553	425	6561	429	6563	428	6569	424	6571	430	6577	426
6581	429	6599	433	6607	431	6619	432	6637	432	6653	429	6659	433	6661	433
6673	433	6679	428	6689	432	6691	431	6701	433	6703	431	6709	440	6719	437
6733	435	6737	432	6761	438	6763	435	6779	436	6781	437	6791	438	6793	441
6803	438	6823	437	6827	443	6829	438	6833	444	6841	435	6857	437	6859	442
6863	438	6869	435	6871	439	6883	439	6889	445	6899	440	6907	439	6911	443
6917	444	6947	443	6949	439	6959	445	6961	442	6967	437	6971	445	6977	446
6983	442	6991	441	6997	445	7001	442	7013	443	7019	443	7027	449	7039	443
7043	449	7057	444	7069	448	7079	456	7103	447	7109	445	7121	447	7127	448

Table 3. Continue 3

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
7129	450	7151	451	7159	449	7177	455	7187	450	7193	450	7207	450	7211	452
7213	452	7219	452	7229	457	7237	455	7243	454	7247	454	7253	454	7283	455
7297	455	7307	457	7309	454	7321	453	7331	457	7333	459	7349	460	7351	458
7369	460	7393	456	7411	454	7417	462	7433	465	7451	458	7457	462	7459	457
7477	458	7481	464	7487	461	7489	464	7499	463	7507	463	7517	466	7523	464
7529	468	7537	462	7541	460	7547	464	7549	465	7559	465	7561	462	7573	464
7577	465	7583	464	7589	462	7591	463	7603	464	7607	467	7621	465	7639	470
7643	465	7649	470	7669	471	7673	467	7681	466	7687	468	7691	469	7699	472
7703	473	7717	464	7723	468	7727	471	7741	468	7753	471	7757	470	7759	473
7789	469	7793	469	7817	472	7823	473	7829	476	7841	479	7853	469	7867	475
7873	472	7877	475	7879	477	7883	476	7901	475	7907	477	7919	476	7921	483
7927	475	7933	478	7937	475	7949	473	7951	475	7963	480	7993	478	8009	481
8011	478	8017	478	8039	481	8053	480	8059	483	8069	484	8081	478	8087	485
8089	482	8093	484	8101	486	8111	483	8117	482	8123	482	8147	482	8161	483
8167	485	8171	485	8179	488	8191	480	8192	491	8209	487	8219	484	8221	484
8231	485	8233	489	8237	493	8243	488	8263	488	8269	482	8273	493	8287	495
8291	487	8293	488	8297	488	8311	494	8317	491	8329	486	8353	490	8363	492
8369	489	8377	491	8387	492	8389	491	8419	493	8423	493	8429	493	8431	492
8443	494	8447	496	8461	491	8467	493	8501	492	8513	497	8521	497	8527	505
8537	497	8539	494	8543	494	8563	500	8573	493	8581	499	8597	496	8599	496
8609	497	8623	500	8627	499	8629	498	8641	503	8647	507	8663	504	8669	503
8677	503	8681	502	8689	499	8693	504	8699	499	8707	506	8713	499	8719	502
8731	504	8737	506	8741	505	8747	502	8753	505	8761	503	8779	502	8783	505
8803	508	8807	511	8819	504	8821	503	8831	507	8837	508	8839	504	8849	499
8861	509	8863	511	8867	507	8887	515	8893	511	8923	514	8929	510	8933	509
8941	511	8951	508	8963	509	8969	507	8971	515	8999	512	9001	513	9007	514
9011	511	9013	510	9029	512	9041	513	9043	510	9049	513	9059	517	9067	516
9091	513	9103	512	9109	517	9127	510	9133	518	9137	521	9151	511	9157	518
9161	516	9173	518	9181	525	9187	519	9199	517	9203	519	9209	517	9221	514
9227	522	9239	521	9241	528	9257	519	9277	520	9281	518	9283	518	9293	528
9311	521	9319	520	9323	524	9337	522	9341	522	9343	522	9349	519	9371	523
9377	524	9391	523	9397	522	9403	520	9409	525	9413	525	9419	523	9421	525
9431	527	9433	529	9437	522	9439	526	9461	524	9463	524	9467	526	9473	529
9479	529	9491	530	9497	528	9511	525	9521	525	9533	534	9539	533	9547	533
9551	530	9587	531	9601	534	9613	532	9619	528	9623	532	9629	529	9631	533
9643	532	9649	531	9661	532	9677	533	9679	530	9689	537	9697	527	9719	530
9721	531	9733	535	9739	530	9743	531	9749	540	9767	536	9769	538	9781	536
9787	540	9791	540	9803	540	9811	533	9817	539	9829	539	9833	539	9839	537
9851	542	9857	540	9859	535	9871	537	9883	536	9887	539	9901	538	9907	537
9923	545	9929	542	9931	540	9941	538	9949	541	9967	541	9973	538		

Table 4. The sizes $t_2^L = t_2^L(2,q)$ of complete lexiarcs in planes PG$(2,q)$, $10001 \le q \le 100000$, q power prime

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
10007	544	10009	543	10037	542	10039	541	10061	543	10067	544	10069	544	10079	546
10091	544	10093	545	10099	547	10103	546	10111	549	10133	551	10139	550	10141	549
10151	548	10159	551	10163	546	10169	544	10177	553	10181	546	10193	550	10201	551
10211	550	10223	551	10243	546	10247	552	10253	545	10259	551	10267	559	10271	547
10273	553	10289	559	10301	552	10303	552	10313	551	10321	553	10331	552	10333	552
10337	550	10343	553	10357	558	10369	559	10391	556	10399	559	10427	560	10429	561
10433	557	10453	561	10457	560	10459	556	10463	561	10477	557	10487	563	10499	560
10501	556	10513	558	10529	564	10531	560	10559	565	10567	556	10589	560	10597	557
10601	565	10607	560	10609	562	10613	560	10627	560	10631	563	10639	557	10651	557
10657	564	10663	563	10667	564	10687	568	10691	562	10709	566	10711	564	10723	564
10729	567	10733	563	10739	567	10753	563	10771	568	10781	570	10789	565	10799	562
10831	573	10837	566	10847	571	10853	571	10859	573	10861	565	10867	568	10883	571
10889	570	10891	573	10903	569	10909	568	10937	568	10939	570	10949	571	10957	574
10973	575	10979	572	10987	573	10993	578	11003	574	11027	571	11047	581	11057	581
11059	571	11069	574	11071	578	11083	579	11087	573	11093	573	11113	574	11117	577
11119	577	11131	573	11149	582	11159	571	11161	573	11171	576	11173	575	11177	581
11197	577	11213	576	11239	579	11243	577	11251	577	11257	578	11261	585	11273	583
11279	578	11287	588	11299	582	11311	579	11317	577	11321	584	11329	583	11351	581
11353	587	11369	581	11383	585	11393	583	11399	590	11411	591	11423	584	11437	589
11443	592	11447	583	11449	590	11467	588	11471	585	11483	585	11489	586	11491	582
11497	588	11503	592	11519	586	11527	587	11549	592	11551	596	11579	588	11587	585
11593	587	11597	590	11617	589	11621	588	11633	593	11657	599	11677	594	11681	588
11689	593	11699	589	11701	597	11717	595	11719	594	11731	591	11743	595	11777	594
11779	592	11783	599	11789	594	11801	592	11807	595	11813	595	11821	595	11827	596
11831	597	11833	597	11839	595	11863	599	11867	599	11881	600	11887	595	11897	600
11903	605	11909	599	11923	597	11927	601	11933	596	11939	601	11941	596	11953	597
11959	601	11969	593	11971	602	11981	596	11987	603	12007	602	12011	603	12037	600
12041	602	12043	606	12049	599	12071	609	12073	609	12097	603	12101	606	12107	605
12109	604	12113	602	12119	600	12143	607	12149	605	12157	602	12161	604	12163	605
12167	606	12197	606	12203	606	12211	609	12227	612	12239	613	12241	610	12251	603
12253	607	12263	616	12269	607	12277	606	12281	611	12289	609	12301	609	12323	609
12329	613	12343	611	12347	611	12373	608	12377	616	12379	608	12391	611	12401	613
12409	616	12413	618	12421	614	12433	616	12437	618	12451	611	12457	612	12473	617
12479	619	12487	614	12491	614	12497	609	12503	614	12511	613	12517	614	12527	615
12539	620	12541	620	12547	612	12553	615	12569	615	12577	619	12583	620	12589	621
12601	618	12611	619	12613	620	12619	615	12637	621	12641	617	12647	623	12653	623
12659	619	12671	616	12689	621	12697	624	12703	621	12713	616	12721	621	12739	618
12743	623	12757	619	12763	630	12769	626	12781	621	12791	622	12799	629	12809	626
12821	626	12823	623	12829	629	12841	624	12853	625	12889	624	12893	620	12899	630
12907	630	12911	626	12917	634	12919	627	12923	633	12941	631	12953	626	12959	630
12967	627	12973	630	12979	625	12983	626	13001	632	13003	629	13007	629	13009	633
13033	626	13037	634	13043	634	13049	637	13063	628	13093	628	13099	634	13103	628
13109	634	13121	629	13127	636	13147	631	13151	637	13159	634	13163	631	13171	637
13177	632	13183	635	13187	635	13217	633	13219	636	13229	639	13241	636	13249	633
13259	632	13267	630	13291	644	13297	637	13309	637	13313	631	13327	636	13331	634
13337	638	13339	642	13367	637	13381	649	13397	635	13399	640	13411	645	13417	641
13421	644	13441	635	13451	644	13457	641	13463	638	13469	642	13477	645	13487	641
13499	645	13513	644	13523	643	13537	650	13553	647	13567	639	13577	642	13591	643

Table 4. Continue 1

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
13597	648	13613	648	13619	644	13627	640	13633	651	13649	647	13669	647	13679	654
13681	653	13687	646	13691	643	13693	645	13697	645	13709	650	13711	650	13721	651
13723	648	13729	650	13751	649	13757	651	13759	656	13763	647	13781	647	13789	653
13799	645	13807	650	13829	652	13831	655	13841	651	13859	646	13873	646	13877	652
13879	648	13883	655	13901	650	13903	653	13907	654	13913	654	13921	652	13931	652
13933	652	13963	651	13967	651	13997	656	13999	657	14009	657	14011	655	14029	657
14033	650	14051	657	14057	659	14071	656	14081	661	14083	652	14087	656	14107	662
14143	660	14149	658	14153	664	14159	660	14173	660	14177	664	14197	660	14207	654
14221	661	14243	658	14249	661	14251	665	14281	665	14293	663	14303	662	14321	660
14323	666	14327	670	14341	667	14347	664	14369	672	14387	672	14389	663	14401	665
14407	669	14411	661	14419	664	14423	671	14431	667	14437	666	14447	672	14449	670
14461	669	14479	670	14489	668	14503	666	14519	671	14533	674	14537	670	14543	668
14549	669	14551	676	14557	669	14561	669	14563	670	14591	670	14593	669	14621	675
14627	673	14629	675	14633	670	14639	676	14641	680	14653	668	14657	671	14669	674
14683	676	14699	676	14713	671	14717	675	14723	673	14731	671	14737	681	14741	672
14747	679	14753	681	14759	676	14767	670	14771	671	14779	675	14783	677	14797	676
14813	684	14821	684	14827	676	14831	677	14843	671	14851	676	14867	679	14869	680
14879	676	14887	676	14891	680	14897	680	14923	681	14929	681	14939	683	14947	680
14951	679	14957	676	14969	685	14983	684	15013	680	15017	680	15031	683	15053	682
15061	682	15073	681	15077	680	15083	679	15091	686	15101	679	15107	685	15121	682
15131	679	15137	682	15139	692	15149	687	15161	688	15173	689	15187	680	15193	680
15199	683	15217	691	15227	687	15233	683	15241	687	15259	689	15263	691	15269	690
15271	687	15277	688	15287	685	15289	684	15299	691	15307	689	15313	693	15319	691
15329	692	15331	688	15349	683	15359	688	15361	685	15373	688	15377	687	15383	690
15391	693	15401	689	15413	696	15427	699	15439	691	15443	691	15451	701	15461	691
15467	690	15473	692	15493	698	15497	696	15511	686	15527	692	15541	691	15551	692
15559	696	15569	693	15581	694	15583	702	15601	698	15607	698	15619	694	15625	691
15629	699	15641	691	15643	695	15647	702	15649	698	15661	698	15667	703	15671	701
15679	698	15683	699	15727	702	15731	697	15733	697	15737	698	15739	705	15749	700
15761	703	15767	698	15773	698	15787	695	15791	703	15797	701	15803	703	15809	700
15817	697	15823	702	15859	709	15877	699	15881	700	15887	707	15889	702	15901	704
15907	709	15913	706	15919	706	15923	703	15937	704	15959	706	15971	706	15973	705
15991	707	16001	708	16007	711	16033	712	16057	706	16061	702	16063	709	16067	707
16069	707	16073	710	16087	710	16091	706	16097	706	16103	709	16111	707	16127	714
16129	710	16139	715	16141	715	16183	710	16187	712	16189	711	16193	716	16217	711
16223	717	16229	710	16231	709	16249	715	16253	710	16267	716	16273	713	16301	706
16319	715	16333	715	16339	719	16349	711	16361	712	16363	715	16369	714	16381	715
16384	718	16411	718	16417	709	16421	718	16427	715	16433	712	16447	715	16451	716
16453	716	16477	715	16481	714	16487	726	16493	719	16519	724	16529	726	16547	723
16553	719	16561	718	16567	717	16573	727	16603	717	16607	717	16619	722	16631	726
16633	719	16649	720	16651	719	16657	725	16661	725	16673	725	16691	727	16693	720
16699	720	16703	729	16729	730	16741	723	16747	725	16759	723	16763	735	16787	731
16807	722	16811	728	16823	726	16829	731	16831	726	16843	726	16871	726	16879	725
16883	723	16889	722	16901	735	16903	729	16921	728	16927	732	16931	727	16937	731
16943	729	16963	732	16979	726	16981	730	16987	729	16993	728	17011	732	17021	734
17027	730	17029	735	17033	732	17041	737	17047	733	17053	729	17077	731	17093	730
17099	732	17107	734	17117	741	17123	732	17137	730	17159	738	17161	733	17167	738
17183	740	17189	735	17191	735	17203	733	17207	734	17209	733	17231	737	17239	742

Table 4. Continue 2

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
17257	740	17291	736	17293	733	17299	739	17317	740	17321	740	17327	741	17333	737
17341	735	17351	739	17359	742	17377	738	17383	736	17387	741	17389	739	17393	743
17401	739	17417	737	17419	750	17431	742	17443	740	17449	735	17467	739	17471	743
17477	740	17483	738	17489	742	17491	748	17497	742	17509	739	17519	745	17539	735
17551	742	17569	739	17573	740	17579	744	17581	736	17597	742	17599	739	17609	746
17623	747	17627	744	17657	748	17659	751	17669	750	17681	745	17683	749	17707	749
17713	744	17729	755	17737	750	17747	749	17749	753	17761	745	17783	749	17789	746
17791	754	17807	752	17827	751	17837	752	17839	754	17851	755	17863	755	17881	753
17891	754	17903	754	17909	749	17911	753	17921	753	17923	751	17929	746	17939	754
17957	756	17959	748	17971	753	17977	754	17981	759	17987	755	17989	761	18013	752
18041	757	18043	751	18047	755	18049	759	18059	759	18061	758	18077	752	18089	755
18097	755	18119	754	18121	756	18127	758	18131	756	18133	754	18143	763	18149	752
18169	757	18181	758	18191	757	18199	763	18211	758	18217	763	18223	759	18229	756
18233	760	18251	761	18253	762	18257	764	18269	764	18287	764	18289	766	18301	758
18307	761	18311	764	18313	758	18329	760	18341	760	18353	761	18367	762	18371	761
18379	762	18397	768	18401	765	18413	768	18427	767	18433	760	18439	770	18443	778
18451	761	18457	764	18461	765	18481	770	18493	765	18503	766	18517	766	18521	763
18523	768	18539	769	18541	766	18553	771	18583	769	18587	762	18593	770	18617	766
18637	768	18661	767	18671	766	18679	768	18691	760	18701	769	18713	776	18719	769
18731	773	18743	774	18749	772	18757	776	18769	776	18773	778	18787	778	18793	769
18797	774	18803	768	18839	774	18859	769	18869	774	18899	775	18911	778	18913	774
18917	775	18919	774	18947	774	18959	775	18973	776	18979	778	19001	775	19009	771
19013	776	19031	779	19037	773	19051	779	19069	781	19073	781	19079	779	19081	781
19087	778	19121	783	19139	782	19141	779	19157	777	19163	782	19181	783	19183	781
19207	777	19211	780	19213	776	19219	783	19231	784	19237	783	19249	782	19259	783
19267	785	19273	785	19289	783	19301	789	19309	782	19319	785	19321	787	19333	785
19373	788	19379	781	19381	782	19387	786	19391	787	19403	790	19417	790	19421	787
19423	787	19427	786	19429	784	19433	782	19441	785	19447	787	19457	790	19463	788
19469	792	19471	785	19477	792	19483	783	19489	789	19501	788	19507	784	19531	788
19541	788	19543	800	19553	787	19559	794	19571	784	19577	794	19583	790	19597	791
19603	790	19609	793	19661	792	19681	784	19683	795	19687	790	19697	796	19699	794
19709	791	19717	794	19727	794	19739	793	19751	791	19753	794	19759	794	19763	790
19777	791	19793	792	19801	797	19813	800	19819	794	19841	791	19843	797	19853	801
19861	798	19867	808	19889	793	19891	793	19913	799	19919	798	19927	801	19937	806
19949	799	19961	800	19963	800	19973	801	19979	800	19991	805	19993	796	19997	801
20011	805	20021	796	20023	798	20029	799	20047	799	20051	802	20063	793	20071	807
20089	793	20101	804	20107	799	20113	805	20117	805	20123	800	20129	807	20143	809
20147	805	20149	800	20161	804	20173	806	20177	800	20183	801	20201	805	20219	805
20231	803	20233	803	20249	806	20261	802	20269	806	20287	807	20297	805	20323	801
20327	810	20333	808	20341	813	20347	807	20353	805	20357	810	20359	803	20369	805
20389	809	20393	804	20399	806	20407	809	20411	808	20431	815	20441	809	20443	804
20477	811	20479	814	20483	814	20507	810	20509	809	20521	813	20533	815	20543	816
20549	806	20551	816	20563	813	20593	809	20599	816	20611	814	20627	812	20639	812
20641	821	20663	812	20681	817	20693	818	20707	819	20717	811	20719	812	20731	820
20743	817	20747	813	20749	814	20753	811	20759	816	20771	814	20773	815	20789	813
20807	817	20809	814	20849	816	20857	818	20873	821	20879	815	20887	823	20897	810
20899	824	20903	820	20921	825	20929	825	20939	824	20947	822	20959	818	20963	817
20981	819	20983	828	21001	820	21011	818	21013	818	21017	819	21019	827	21023	819

Table 4. Continue 3

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
21031	817	21059	825	21061	820	21067	826	21089	825	21101	823	21107	828	21121	824
21139	819	21143	825	21149	825	21157	828	21163	825	21169	827	21179	831	21187	826
21191	826	21193	829	21211	831	21221	830	21227	824	21247	828	21269	826	21277	834
21283	830	21313	826	21317	832	21319	829	21323	828	21341	829	21347	830	21377	827
21379	825	21383	830	21391	829	21397	825	21401	831	21407	839	21419	828	21433	836
21467	840	21481	833	21487	834	21491	830	21493	837	21499	835	21503	835	21517	827
21521	833	21523	836	21529	831	21557	844	21559	833	21563	831	21569	828	21577	834
21587	835	21589	834	21599	833	21601	839	21611	835	21613	833	21617	830	21647	838
21649	833	21661	843	21673	830	21683	835	21701	833	21713	838	21727	833	21737	838
21739	830	21751	836	21757	839	21767	839	21773	841	21787	840	21799	843	21803	842
21817	843	21821	833	21839	839	21841	834	21851	847	21859	844	21863	843	21871	847
21881	835	21893	838	21911	840	21929	837	21937	843	21943	842	21961	843	21977	842
21991	847	21997	842	22003	841	22013	839	22027	839	22031	840	22037	849	22039	849
22051	845	22063	849	22067	849	22073	845	22079	849	22091	842	22093	843	22109	851
22111	845	22123	839	22129	845	22133	848	22147	845	22153	843	22157	845	22159	848
22171	848	22189	850	22193	847	22201	847	22229	846	22247	852	22259	850	22271	850
22273	847	22277	843	22279	854	22283	851	22291	855	22303	849	22307	854	22343	851
22349	851	22367	854	22369	850	22381	855	22391	852	22397	854	22409	852	22433	851
22441	854	22447	855	22453	854	22469	856	22481	852	22483	851	22501	853	22511	857
22531	850	22541	852	22543	861	22549	853	22567	856	22571	859	22573	855	22613	855
22619	853	22621	857	22637	852	22639	862	22643	857	22651	863	22669	850	22679	862
22691	859	22697	863	22699	851	22709	863	22717	862	22721	860	22727	857	22739	862
22741	860	22751	860	22769	854	22777	855	22783	859	22787	857	22801	859	22807	859
22811	860	22817	859	22853	856	22859	858	22861	867	22871	861	22877	864	22901	865
22907	861	22921	864	22937	860	22943	865	22961	862	22963	860	22973	867	22993	865
23003	867	23011	863	23017	871	23021	864	23027	866	23029	860	23039	866	23041	865
23053	868	23057	870	23059	866	23063	866	23071	867	23081	865	23087	864	23099	871
23117	870	23131	866	23143	868	23159	866	23167	868	23173	870	23189	875	23197	871
23201	876	23203	863	23209	866	23227	868	23251	870	23269	873	23279	870	23291	875
23293	867	23297	867	23311	867	23321	879	23327	869	23333	872	23339	873	23357	868
23369	863	23371	876	23399	870	23417	871	23431	869	23447	867	23459	881	23473	872
23497	871	23509	876	23531	875	23537	871	23539	871	23549	873	23557	876	23561	881
23563	879	23567	881	23581	874	23593	874	23599	869	23603	873	23609	878	23623	877
23627	875	23629	873	23633	884	23663	872	23669	885	23671	880	23677	878	23687	874
23689	880	23719	882	23741	876	23743	875	23747	872	23753	883	23761	880	23767	878
23773	878	23789	879	23801	885	23813	875	23819	875	23827	884	23831	885	23833	883
23857	882	23869	879	23873	880	23879	875	23887	882	23893	881	23899	881	23909	881
23911	879	23917	886	23929	888	23957	882	23971	879	23977	874	23981	890	23993	886
24001	887	24007	885	24019	889	24023	885	24029	881	24043	884	24049	891	24061	885
24071	891	24077	885	24083	893	24091	892	24097	888	24103	884	24107	887	24109	887
24113	885	24121	883	24133	886	24137	885	24151	887	24169	889	24179	890	24181	892
24197	891	24203	888	24223	894	24229	884	24239	898	24247	888	24251	889	24281	896
24317	895	24329	888	24337	888	24359	892	24371	896	24373	892	24379	893	24389	887
24391	896	24407	896	24413	901	24419	901	24421	891	24439	889	24443	898	24469	893
24473	886	24481	898	24499	892	24509	895	24517	889	24527	893	24533	896	24547	895
24551	893	24571	891	24593	894	24611	895	24623	897	24631	900	24649	896	24659	900
24671	902	24677	897	24683	896	24691	900	24697	901	24709	896	24733	897	24749	902
24763	898	24767	898	24781	905	24793	900	24799	900	24809	896	24821	903	24841	898

Table 4. Continue 4

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
24847	899	24851	899	24859	901	24877	901	24889	907	24907	901	24917	905	24919	896
24923	904	24943	901	24953	902	24967	905	24971	900	24977	908	24979	904	24989	901
25013	905	25031	906	25033	904	25037	912	25057	902	25073	903	25087	906	25097	916
25111	904	25117	907	25121	904	25127	906	25147	909	25153	911	25163	909	25169	913
25171	904	25183	908	25189	907	25219	910	25229	911	25237	911	25243	910	25247	907
25253	911	25261	906	25301	905	25303	912	25307	908	25309	909	25321	906	25339	907
25343	908	25349	910	25357	913	25367	909	25373	914	25391	909	25409	912	25411	907
25423	910	25439	916	25447	906	25453	918	25457	911	25463	911	25469	923	25471	916
25523	909	25537	920	25541	916	25561	919	25577	917	25579	912	25583	913	25589	920
25601	915	25603	919	25609	919	25621	913	25633	920	25639	916	25643	913	25657	914
25667	914	25673	923	25679	918	25693	921	25703	917	25717	915	25733	919	25741	920
25747	918	25759	918	25763	920	25771	922	25793	918	25799	909	25801	922	25819	923
25841	921	25847	921	25849	925	25867	923	25873	921	25889	918	25903	931	25913	921
25919	928	25931	925	25933	921	25939	918	25943	929	25951	927	25969	923	25981	926
25997	921	25999	924	26003	922	26017	927	26021	925	26029	932	26041	924	26053	930
26083	930	26099	927	26107	931	26111	925	26113	927	26119	927	26141	924	26153	921
26161	930	26171	933	26177	922	26183	925	26189	929	26203	928	26209	928	26227	928
26237	929	26249	930	26251	932	26261	930	26263	929	26267	929	26293	925	26297	932
26309	934	26317	930	26321	935	26339	931	26347	931	26357	931	26371	930	26387	931
26393	930	26399	929	26407	931	26417	931	26423	933	26431	929	26437	928	26449	934
26459	937	26479	933	26489	938	26497	932	26501	930	26513	933	26539	931	26557	942
26561	935	26569	935	26573	931	26591	934	26597	938	26627	938	26633	947	26641	942
26647	938	26669	937	26681	938	26683	937	26687	935	26693	945	26699	942	26701	940
26711	946	26713	936	26717	935	26723	945	26729	938	26731	939	26737	946	26759	932
26777	940	26783	942	26801	942	26813	937	26821	938	26833	937	26839	941	26849	941
26861	940	26863	942	26879	945	26881	938	26891	942	26893	947	26903	945	26921	944
26927	944	26947	934	26951	938	26953	944	26959	944	26981	943	26987	943	26993	943
27011	945	27017	940	27031	943	27043	945	27059	945	27061	942	27067	943	27073	945
27077	947	27091	946	27103	947	27107	950	27109	950	27127	946	27143	947	27179	948
27191	947	27197	950	27211	954	27239	953	27241	951	27253	952	27259	950	27271	949
27277	956	27281	952	27283	948	27299	949	27329	954	27337	956	27361	955	27367	958
27397	951	27407	949	27409	949	27427	956	27431	951	27437	950	27449	945	27457	958
27479	957	27481	956	27487	953	27509	955	27527	952	27529	958	27539	958	27541	956
27551	964	27581	951	27583	957	27611	954	27617	958	27631	954	27647	953	27653	951
27673	952	27689	964	27691	960	27697	960	27701	963	27733	960	27737	956	27739	959
27743	953	27749	957	27751	962	27763	959	27767	962	27773	957	27779	967	27791	959
27793	958	27799	958	27803	959	27809	965	27817	965	27823	964	27827	961	27847	955
27851	961	27883	962	27889	959	27893	961	27901	964	27917	953	27919	963	27941	957
27943	967	27947	956	27953	961	27961	960	27967	959	27983	967	27997	965	28001	956
28019	961	28027	963	28031	963	28051	962	28057	964	28069	973	28081	961	28087	966
28097	958	28099	963	28109	962	28111	966	28123	966	28151	968	28163	961	28181	969
28183	962	28201	971	28211	970	28219	964	28229	967	28277	968	28279	965	28283	963
28289	967	28297	964	28307	969	28309	969	28319	969	28349	964	28351	972	28387	972
28393	972	28403	967	28409	973	28411	968	28429	969	28433	970	28439	970	28447	978
28463	972	28477	968	28493	976	28499	968	28513	972	28517	972	28537	975	28541	980
28547	975	28549	977	28559	972	28561	975	28571	978	28573	974	28579	971	28591	977
28597	970	28603	973	28607	975	28619	974	28621	974	28627	979	28631	972	28643	977
28649	972	28657	977	28661	974	28663	986	28669	981	28687	972	28697	975	28703	983

Table 4. Continue 5

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
28711	974	28723	972	28729	973	28751	981	28753	981	28759	980	28771	976	28789	984
28793	986	28807	976	28813	982	28817	982	28837	973	28843	977	28859	985	28867	976
28871	976	28879	982	28901	980	28909	983	28921	980	28927	982	28933	981	28949	979
28961	986	28979	979	29009	981	29017	982	29021	988	29023	979	29027	975	29033	982
29059	984	29063	979	29077	983	29101	984	29123	987	29129	985	29131	978	29137	989
29147	985	29153	986	29167	980	29173	987	29179	981	29191	987	29201	991	29207	984
29209	987	29221	986	29231	987	29243	980	29251	990	29269	987	29287	994	29297	991
29303	992	29311	989	29327	987	29333	986	29339	989	29347	988	29363	986	29383	989
29387	989	29389	986	29399	990	29401	993	29411	990	29423	996	29429	993	29437	990
29443	987	29453	993	29473	985	29483	992	29501	986	29527	992	29531	998	29537	991
29567	990	29569	998	29573	992	29581	992	29587	989	29599	996	29611	993	29629	996
29633	993	29641	990	29663	990	29669	994	29671	994	29683	1002	29717	990	29723	992
29741	997	29753	993	29759	994	29761	993	29789	1001	29791	996	29803	998	29819	1003
29833	999	29837	1000	29851	993	29863	1005	29867	997	29873	998	29879	1001	29881	996
29917	1001	29921	997	29927	1009	29929	997	29947	995	29959	997	29983	1006	29989	1000
30011	1002	30013	1000	30029	1006	30047	1004	30059	1000	30071	1002	30089	1002	30091	996
30097	1003	30103	1000	30109	1010	30113	1006	30119	1001	30133	1004	30137	1006	30139	1002
30161	1011	30169	996	30181	1005	30187	1003	30197	998	30203	1002	30211	998	30223	1003
30241	995	30253	1007	30259	1006	30269	1004	30271	1003	30293	1007	30307	1009	30313	1002
30319	1004	30323	1005	30341	1009	30347	1012	30367	1006	30389	1006	30391	1009	30403	1007
30427	1005	30431	1015	30449	1004	30467	1004	30469	1013	30491	1013	30493	1011	30497	1009
30509	1011	30517	1011	30529	1014	30539	1008	30553	1012	30557	1016	30559	1015	30577	1011
30593	1013	30631	1017	30637	1009	30643	1010	30649	1003	30661	1016	30671	1013	30677	1015
30689	1004	30697	1015	30703	1010	30707	1014	30713	1015	30727	1015	30757	1017	30763	1013
30773	1015	30781	1006	30803	1018	30809	1018	30817	1021	30829	1013	30839	1014	30841	1018
30851	1018	30853	1018	30859	1009	30869	1015	30871	1012	30881	1017	30893	1014	30911	1020
30931	1012	30937	1018	30941	1015	30949	1016	30971	1020	30977	1016	30983	1018	31013	1016
31019	1014	31033	1026	31039	1023	31051	1021	31063	1020	31069	1021	31079	1021	31081	1024
31091	1021	31121	1022	31123	1014	31139	1033	31147	1023	31151	1024	31153	1015	31159	1022
31177	1025	31181	1018	31183	1019	31189	1023	31193	1023	31219	1024	31223	1028	31231	1025
31237	1023	31247	1021	31249	1019	31253	1022	31259	1017	31267	1026	31271	1018	31277	1020
31307	1025	31319	1021	31321	1021	31327	1025	31333	1030	31337	1026	31357	1027	31379	1029
31387	1028	31391	1023	31393	1030	31397	1028	31469	1034	31477	1028	31481	1028	31489	1027
31511	1029	31513	1030	31517	1025	31531	1031	31541	1033	31543	1031	31547	1033	31567	1032
31573	1034	31583	1030	31601	1028	31607	1035	31627	1024	31643	1025	31649	1030	31657	1030
31663	1037	31667	1032	31687	1033	31699	1033	31721	1036	31723	1028	31727	1033	31729	1034
31741	1030	31751	1030	31769	1033	31771	1034	31793	1035	31799	1038	31817	1037	31847	1036
31849	1038	31859	1038	31873	1033	31883	1039	31891	1038	31907	1042	31957	1034	31963	1040
31973	1035	31981	1032	31991	1039	32003	1037	32009	1033	32027	1036	32029	1036	32041	1040
32051	1033	32057	1040	32059	1045	32063	1036	32069	1042	32077	1041	32083	1042	32089	1037
32099	1044	32117	1042	32119	1043	32141	1038	32143	1039	32159	1038	32173	1044	32183	1040
32189	1041	32191	1044	32203	1038	32213	1033	32233	1034	32237	1034	32251	1038	32257	1040
32261	1039	32297	1040	32299	1040	32303	1035	32309	1043	32321	1041	32323	1040	32327	1039
32341	1037	32353	1041	32359	1052	32363	1044	32369	1044	32371	1042	32377	1048	32381	1051
32401	1044	32411	1050	32413	1048	32423	1048	32429	1042	32441	1051	32443	1052	32467	1045
32479	1047	32491	1042	32497	1049	32503	1044	32507	1045	32531	1050	32533	1047	32537	1049
32561	1056	32563	1051	32569	1050	32573	1046	32579	1046	32587	1042	32603	1038	32609	1052
32611	1049	32621	1046	32633	1046	32647	1050	32653	1055	32687	1046	32693	1052	32707	1053

Table 4. Continue 6

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
32713	1055	32717	1049	32719	1048	32749	1046	32761	1055	32768	1048	32771	1045	32779	1035
32783	1046	32789	1053	32797	1050	32801	1050	32803	1055	32831	1053	32833	1048	32839	1056
32843	1054	32869	1054	32887	1051	32909	1052	32911	1056	32917	1052	32933	1056	32939	1055
32941	1059	32957	1052	32969	1059	32971	1055	32983	1061	32987	1050	32993	1054	32999	1052
33013	1061	33023	1058	33029	1053	33037	1056	33049	1056	33053	1058	33071	1059	33073	1054
33083	1056	33091	1056	33107	1060	33113	1051	33119	1063	33149	1060	33151	1060	33161	1066
33179	1063	33181	1054	33191	1059	33199	1054	33203	1059	33211	1059	33223	1055	33247	1054
33287	1062	33289	1062	33301	1062	33311	1058	33317	1061	33329	1057	33331	1061	33343	1060
33347	1063	33349	1061	33353	1063	33359	1061	33377	1059	33391	1062	33403	1061	33409	1071
33413	1055	33427	1064	33457	1068	33461	1059	33469	1057	33479	1061	33487	1070	33493	1060
33503	1069	33521	1066	33529	1060	33533	1057	33547	1064	33563	1060	33569	1064	33577	1064
33581	1068	33587	1058	33589	1066	33599	1064	33601	1059	33613	1068	33617	1060	33619	1063
33623	1070	33629	1067	33637	1058	33641	1071	33647	1069	33679	1066	33703	1074	33713	1065
33721	1068	33739	1069	33749	1069	33751	1065	33757	1070	33767	1062	33769	1067	33773	1071
33791	1069	33797	1068	33809	1069	33811	1072	33827	1066	33829	1065	33851	1075	33857	1067
33863	1064	33871	1075	33889	1070	33893	1062	33911	1065	33923	1073	33931	1072	33937	1072
33941	1068	33961	1073	33967	1071	33997	1071	34019	1070	34031	1079	34033	1076	34039	1069
34057	1076	34061	1074	34123	1066	34127	1082	34129	1080	34141	1076	34147	1073	34157	1069
34159	1081	34171	1082	34183	1073	34211	1078	34213	1076	34217	1078	34231	1082	34253	1079
34259	1077	34261	1077	34267	1073	34273	1073	34283	1082	34297	1080	34301	1073	34303	1071
34313	1078	34319	1080	34327	1075	34337	1082	34351	1075	34361	1081	34367	1085	34369	1084
34381	1072	34403	1083	34421	1075	34429	1081	34439	1079	34457	1067	34469	1078	34471	1080
34483	1081	34487	1083	34499	1075	34501	1083	34511	1076	34513	1080	34519	1080	34537	1079
34543	1083	34549	1073	34583	1070	34589	1083	34591	1086	34603	1086	34607	1086	34613	1086
34631	1079	34649	1087	34651	1085	34667	1087	34673	1085	34679	1084	34687	1082	34693	1090
34703	1087	34721	1084	34729	1087	34739	1090	34747	1086	34757	1078	34759	1086	34763	1090
34781	1085	34807	1088	34819	1081	34841	1090	34843	1088	34847	1093	34849	1088	34871	1084
34877	1088	34883	1082	34897	1086	34913	1082	34919	1083	34939	1091	34949	1088	34961	1085
34963	1089	34981	1083	35023	1094	35027	1099	35051	1093	35053	1088	35059	1090	35069	1090
35081	1089	35083	1089	35089	1087	35099	1096	35107	1086	35111	1095	35117	1097	35129	1090
35141	1082	35149	1093	35153	1088	35159	1097	35171	1087	35201	1092	35221	1092	35227	1092
35251	1093	35257	1099	35267	1095	35279	1092	35281	1097	35291	1104	35311	1096	35317	1094
35323	1101	35327	1098	35339	1100	35353	1092	35363	1102	35381	1093	35393	1094	35401	1090
35407	1106	35419	1098	35423	1092	35437	1094	35447	1092	35449	1094	35461	1101	35491	1094
35507	1101	35509	1094	35521	1094	35527	1103	35531	1104	35533	1099	35537	1099	35543	1098
35569	1095	35573	1105	35591	1105	35593	1097	35597	1106	35603	1098	35617	1102	35671	1102
35677	1100	35729	1106	35731	1106	35747	1098	35753	1105	35759	1098	35771	1101	35797	1102
35801	1101	35803	1103	35809	1106	35831	1101	35837	1107	35839	1103	35851	1093	35863	1102
35869	1097	35879	1103	35897	1104	35899	1108	35911	1109	35923	1110	35933	1105	35951	1108
35963	1108	35969	1106	35977	1100	35983	1103	35993	1108	35999	1106	36007	1103	36011	1101
36013	1101	36017	1108	36037	1099	36061	1108	36067	1106	36073	1111	36083	1110	36097	1117
36107	1110	36109	1103	36131	1114	36137	1108	36151	1108	36161	1104	36187	1116	36191	1101
36209	1114	36217	1107	36229	1111	36241	1110	36251	1111	36263	1110	36269	1110	36277	1111
36293	1109	36299	1108	36307	1115	36313	1104	36319	1107	36341	1114	36343	1107	36353	1117
36373	1115	36383	1120	36389	1108	36433	1110	36451	1120	36457	1119	36467	1115	36469	1116
36473	1116	36479	1116	36481	1114	36493	1120	36497	1115	36523	1112	36527	1112	36529	1118
36541	1114	36551	1114	36559	1110	36563	1114	36571	1114	36583	1114	36587	1124	36599	1115
36607	1111	36629	1113	36637	1118	36643	1120	36653	1119	36671	1122	36677	1123	36683	1116

Table 4. Continue 7

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
36691	1118	36697	1120	36709	1116	36713	1118	36721	1128	36739	1121	36749	1115	36761	1120
36767	1116	36779	1126	36781	1118	36787	1122	36791	1126	36793	1121	36809	1131	36821	1127
36833	1122	36847	1125	36857	1122	36871	1111	36877	1123	36887	1127	36899	1123	36901	1120
36913	1122	36919	1123	36923	1117	36929	1125	36931	1127	36943	1127	36947	1114	36973	1122
36979	1121	36997	1128	37003	1121	37013	1123	37019	1127	37021	1125	37039	1121	37049	1117
37057	1125	37061	1138	37087	1125	37097	1124	37117	1121	37123	1127	37139	1123	37159	1126
37171	1127	37181	1128	37189	1121	37199	1132	37201	1127	37217	1127	37223	1127	37243	1136
37249	1127	37253	1127	37273	1131	37277	1128	37307	1125	37309	1132	37313	1125	37321	1130
37337	1130	37339	1128	37357	1128	37361	1132	37363	1131	37369	1124	37379	1129	37397	1135
37409	1124	37423	1128	37441	1134	37447	1123	37463	1136	37483	1127	37489	1132	37493	1131
37501	1137	37507	1137	37511	1135	37517	1135	37529	1129	37537	1128	37547	1126	37549	1133
37561	1135	37567	1125	37571	1137	37573	1135	37579	1130	37589	1132	37591	1138	37607	1134
37619	1127	37633	1127	37643	1133	37649	1128	37657	1142	37663	1135	37691	1136	37693	1129
37699	1130	37717	1134	37747	1136	37781	1142	37783	1135	37799	1137	37811	1140	37813	1137
37831	1140	37847	1144	37853	1143	37861	1131	37871	1142	37879	1134	37889	1132	37897	1137
37907	1143	37951	1141	37957	1137	37963	1139	37967	1139	37987	1140	37991	1133	37993	1144
37997	1142	38011	1139	38039	1149	38047	1141	38053	1138	38069	1136	38083	1148	38113	1141
38119	1138	38149	1143	38153	1141	38167	1137	38177	1148	38183	1144	38189	1149	38197	1144
38201	1142	38219	1156	38231	1134	38237	1143	38239	1143	38261	1145	38273	1152	38281	1151
38287	1146	38299	1137	38303	1145	38317	1141	38321	1143	38327	1150	38329	1142	38333	1141
38351	1148	38371	1148	38377	1143	38393	1137	38431	1148	38447	1144	38449	1145	38453	1147
38459	1150	38461	1144	38501	1141	38543	1153	38557	1152	38561	1153	38567	1145	38569	1159
38593	1158	38603	1157	38609	1152	38611	1148	38629	1141	38639	1141	38651	1151	38653	1148
38669	1139	38671	1149	38677	1151	38693	1147	38699	1156	38707	1154	38711	1156	38713	1154
38723	1150	38729	1152	38737	1149	38747	1154	38749	1153	38767	1151	38783	1156	38791	1144
38803	1154	38809	1158	38821	1154	38833	1156	38839	1150	38851	1154	38861	1154	38867	1152
38873	1155	38891	1159	38903	1151	38917	1151	38921	1159	38923	1158	38933	1154	38953	1158
38959	1155	38971	1157	38977	1159	38993	1152	39019	1162	39023	1155	39041	1160	39043	1160
39047	1153	39079	1164	39089	1159	39097	1159	39103	1155	39107	1163	39113	1157	39119	1156
39133	1157	39139	1157	39157	1160	39161	1151	39163	1158	39181	1158	39191	1162	39199	1162
39209	1156	39217	1154	39227	1160	39229	1161	39233	1156	39239	1162	39241	1162	39251	1161
39293	1162	39301	1159	39313	1165	39317	1163	39323	1160	39341	1156	39343	1162	39359	1160
39367	1160	39371	1159	39373	1163	39383	1160	39397	1163	39409	1156	39419	1169	39439	1157
39443	1163	39451	1162	39461	1163	39499	1160	39503	1171	39509	1163	39511	1160	39521	1161
39541	1164	39551	1159	39563	1171	39569	1171	39581	1169	39601	1174	39607	1172	39619	1163
39623	1171	39631	1171	39659	1171	39667	1170	39671	1163	39679	1163	39703	1169	39709	1171
39719	1166	39727	1172	39733	1166	39749	1169	39761	1169	39769	1164	39779	1168	39791	1168
39799	1175	39821	1170	39827	1167	39829	1167	39839	1168	39841	1165	39847	1182	39857	1165
39863	1165	39869	1168	39877	1173	39883	1172	39887	1171	39901	1175	39929	1172	39937	1176
39953	1173	39971	1171	39979	1173	39983	1169	39989	1173	40009	1168	40013	1171	40031	1167
40037	1177	40039	1178	40063	1175	40087	1177	40093	1174	40099	1174	40111	1167	40123	1172
40127	1171	40129	1172	40151	1174	40153	1174	40163	1179	40169	1178	40177	1179	40189	1171
40193	1176	40213	1172	40231	1169	40237	1175	40241	1179	40253	1174	40277	1174	40283	1181
40289	1181	40343	1179	40351	1176	40357	1178	40361	1172	40387	1178	40423	1181	40427	1179
40429	1179	40433	1182	40459	1179	40471	1176	40483	1173	40487	1174	40493	1181	40499	1184
40507	1181	40519	1184	40529	1173	40531	1183	40543	1179	40559	1181	40577	1181	40583	1181
40591	1187	40597	1184	40609	1185	40627	1180	40637	1186	40639	1174	40693	1182	40697	1181
40699	1181	40709	1188	40739	1180	40751	1192	40759	1186	40763	1183	40771	1176	40787	1184

Table 4. Continue 8

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
40801	1187	40813	1183	40819	1184	40823	1186	40829	1192	40841	1188	40847	1194	40849	1187
40853	1184	40867	1187	40879	1186	40883	1187	40897	1187	40903	1191	40927	1188	40933	1193
40939	1185	40949	1191	40961	1183	40973	1183	40993	1188	41011	1190	41017	1184	41023	1192
41039	1187	41047	1192	41051	1186	41057	1189	41077	1190	41081	1199	41113	1195	41117	1190
41131	1190	41141	1190	41143	1199	41149	1193	41161	1190	41177	1191	41179	1188	41183	1186
41189	1185	41201	1193	41203	1195	41213	1183	41221	1196	41227	1197	41231	1189	41233	1188
41243	1193	41257	1199	41263	1195	41269	1192	41281	1191	41299	1195	41333	1193	41341	1194
41351	1199	41357	1190	41381	1197	41387	1198	41389	1196	41399	1195	41411	1204	41413	1193
41443	1188	41453	1187	41467	1196	41479	1191	41491	1196	41507	1197	41513	1194	41519	1191
41521	1195	41539	1196	41543	1198	41549	1190	41579	1197	41593	1196	41597	1202	41603	1195
41609	1198	41611	1206	41617	1198	41621	1198	41627	1199	41641	1199	41647	1204	41651	1203
41659	1208	41669	1200	41681	1203	41687	1197	41719	1198	41729	1203	41737	1199	41759	1200
41761	1203	41771	1200	41777	1201	41801	1200	41809	1191	41813	1198	41843	1205	41849	1198
41851	1201	41863	1205	41879	1208	41887	1197	41893	1206	41897	1205	41903	1198	41911	1196
41927	1206	41941	1201	41947	1203	41953	1203	41957	1204	41959	1209	41969	1199	41981	1205
41983	1206	41999	1201	42013	1207	42017	1197	42019	1202	42023	1199	42043	1207	42061	1204
42071	1205	42073	1212	42083	1202	42089	1211	42101	1206	42131	1208	42139	1213	42157	1199
42169	1209	42179	1198	42181	1204	42187	1203	42193	1208	42197	1204	42209	1208	42221	1209
42223	1207	42227	1201	42239	1208	42257	1211	42281	1206	42283	1211	42293	1208	42299	1214
42307	1212	42323	1204	42331	1213	42337	1207	42349	1210	42359	1209	42373	1214	42379	1208
42391	1212	42397	1213	42403	1212	42407	1205	42409	1201	42433	1205	42437	1211	42443	1213
42451	1211	42457	1209	42461	1205	42463	1208	42467	1209	42473	1210	42487	1212	42491	1213
42499	1216	42509	1212	42533	1214	42557	1211	42569	1220	42571	1207	42577	1210	42589	1213
42611	1213	42641	1214	42643	1215	42649	1213	42667	1214	42677	1215	42683	1214	42689	1213
42697	1208	42701	1223	42703	1210	42709	1213	42719	1222	42727	1209	42737	1215	42743	1216
42751	1220	42767	1212	42773	1219	42787	1220	42793	1212	42797	1217	42821	1221	42829	1214
42839	1218	42841	1220	42853	1219	42859	1217	42863	1222	42899	1223	42901	1217	42923	1215
42929	1214	42937	1217	42943	1216	42953	1223	42961	1225	42967	1219	42979	1228	42989	1220
43003	1218	43013	1215	43019	1218	43037	1214	43049	1223	43051	1216	43063	1228	43067	1227
43093	1216	43103	1217	43117	1213	43133	1233	43151	1220	43159	1223	43177	1224	43189	1219
43201	1224	43207	1218	43223	1220	43237	1219	43261	1222	43271	1225	43283	1222	43291	1225
43313	1218	43319	1224	43321	1229	43331	1226	43391	1220	43397	1223	43399	1222	43403	1224
43411	1231	43427	1223	43441	1227	43451	1226	43457	1226	43481	1223	43487	1223	43499	1227
43517	1225	43541	1227	43543	1230	43573	1226	43577	1227	43579	1235	43591	1234	43597	1224
43607	1222	43609	1232	43613	1242	43627	1229	43633	1233	43649	1225	43651	1226	43661	1233
43669	1236	43691	1232	43711	1236	43717	1223	43721	1230	43753	1233	43759	1226	43777	1231
43781	1224	43783	1235	43787	1236	43789	1236	43793	1229	43801	1226	43853	1234	43867	1235
43889	1233	43891	1234	43913	1236	43933	1235	43943	1228	43951	1231	43961	1232	43963	1234
43969	1230	43973	1231	43987	1235	43991	1236	43997	1241	44017	1238	44021	1241	44027	1233
44029	1238	44041	1240	44053	1238	44059	1239	44071	1242	44087	1236	44089	1235	44101	1237
44111	1242	44119	1234	44123	1242	44129	1235	44131	1235	44159	1238	44171	1235	44179	1237
44189	1242	44201	1234	44203	1234	44207	1236	44221	1239	44249	1243	44257	1245	44263	1240
44267	1241	44269	1243	44273	1242	44279	1238	44281	1241	44293	1239	44351	1247	44357	1237
44371	1245	44381	1249	44383	1241	44389	1244	44417	1238	44449	1237	44453	1243	44483	1243
44491	1247	44497	1244	44501	1244	44507	1251	44519	1237	44521	1245	44531	1238	44533	1243
44537	1239	44543	1252	44549	1245	44563	1246	44579	1248	44587	1246	44617	1248	44621	1244
44623	1242	44633	1243	44641	1245	44647	1240	44651	1246	44657	1245	44683	1241	44687	1246
44699	1244	44701	1249	44711	1250	44729	1243	44741	1248	44753	1254	44771	1246	44773	1238

Table 4. Continue 9

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
44777	1253	44789	1243	44797	1250	44809	1245	44819	1256	44839	1247	44843	1237	44851	1245
44867	1249	44879	1255	44887	1253	44893	1255	44909	1245	44917	1250	44927	1249	44939	1256
44953	1251	44959	1246	44963	1255	44971	1242	44983	1248	44987	1251	45007	1250	45013	1253
45053	1251	45061	1247	45077	1251	45083	1259	45119	1254	45121	1254	45127	1245	45131	1256
45137	1251	45139	1250	45161	1264	45179	1254	45181	1256	45191	1258	45197	1258	45233	1258
45247	1252	45259	1267	45263	1256	45281	1262	45289	1259	45293	1263	45307	1255	45317	1264
45319	1254	45329	1255	45337	1254	45341	1254	45343	1254	45361	1252	45377	1254	45389	1250
45403	1256	45413	1251	45427	1256	45433	1249	45439	1256	45481	1262	45491	1255	45497	1258
45503	1257	45523	1249	45533	1265	45541	1252	45553	1259	45557	1258	45569	1252	45587	1267
45589	1258	45599	1261	45613	1261	45631	1271	45641	1266	45659	1255	45667	1261	45673	1261
45677	1261	45691	1251	45697	1269	45707	1265	45737	1260	45751	1260	45757	1263	45763	1259
45767	1262	45779	1257	45817	1258	45821	1265	45823	1267	45827	1264	45833	1264	45841	1265
45853	1264	45863	1266	45869	1262	45887	1269	45893	1265	45943	1267	45949	1274	45953	1263
45959	1272	45971	1262	45979	1260	45989	1272	46021	1265	46027	1264	46049	1267	46051	1268
46061	1264	46073	1267	46091	1263	46093	1265	46099	1269	46103	1270	46133	1275	46141	1271
46147	1271	46153	1264	46171	1272	46181	1267	46183	1270	46187	1272	46199	1272	46219	1268
46229	1267	46237	1272	46261	1264	46271	1264	46273	1273	46279	1271	46301	1273	46307	1267
46309	1269	46327	1268	46337	1271	46349	1267	46351	1271	46381	1274	46399	1271	46411	1272
46439	1265	46441	1273	46447	1267	46451	1267	46457	1279	46471	1267	46477	1277	46489	1276
46499	1275	46507	1271	46511	1273	46523	1274	46549	1269	46559	1274	46567	1272	46573	1279
46589	1276	46591	1266	46601	1272	46619	1281	46633	1273	46639	1270	46643	1280	46649	1274
46663	1284	46679	1275	46681	1278	46687	1269	46691	1273	46703	1274	46723	1279	46727	1280
46747	1282	46751	1284	46757	1281	46769	1282	46771	1278	46807	1282	46811	1282	46817	1276
46819	1276	46829	1280	46831	1274	46853	1281	46861	1287	46867	1275	46877	1273	46889	1282
46901	1274	46919	1284	46933	1275	46957	1286	46993	1277	46997	1285	47017	1291	47041	1283
47051	1284	47057	1276	47059	1280	47087	1280	47093	1277	47111	1284	47119	1283	47123	1280
47129	1278	47137	1281	47143	1287	47147	1287	47149	1282	47161	1281	47189	1285	47207	1284
47221	1294	47237	1280	47251	1285	47269	1283	47279	1284	47287	1288	47293	1283	47297	1287
47303	1283	47309	1295	47317	1280	47339	1283	47351	1288	47353	1287	47363	1281	47381	1286
47387	1292	47389	1287	47407	1282	47417	1287	47419	1280	47431	1285	47441	1283	47459	1286
47491	1290	47497	1293	47501	1290	47507	1288	47513	1287	47521	1284	47527	1288	47533	1286
47543	1293	47563	1282	47569	1293	47581	1290	47591	1293	47599	1289	47609	1287	47623	1295
47629	1283	47639	1294	47653	1293	47657	1288	47659	1288	47681	1286	47699	1291	47701	1293
47711	1290	47713	1292	47717	1289	47737	1299	47741	1296	47743	1288	47777	1298	47779	1290
47791	1289	47797	1292	47807	1295	47809	1293	47819	1288	47837	1289	47843	1294	47857	1291
47869	1293	47881	1296	47903	1293	47911	1303	47917	1292	47933	1290	47939	1293	47947	1293
47951	1297	47963	1292	47969	1296	47977	1293	47981	1297	48017	1296	48023	1290	48029	1296
48049	1296	48073	1302	48079	1295	48091	1301	48109	1303	48119	1293	48121	1298	48131	1305
48157	1296	48163	1305	48179	1294	48187	1295	48193	1297	48197	1309	48221	1300	48239	1299
48247	1298	48259	1301	48271	1304	48281	1299	48299	1303	48311	1300	48313	1291	48337	1300
48341	1308	48353	1308	48371	1311	48383	1305	48397	1304	48407	1309	48409	1301	48413	1302
48437	1306	48449	1305	48463	1303	48473	1301	48479	1298	48481	1298	48487	1302	48491	1313
48497	1300	48523	1308	48527	1304	48533	1293	48539	1306	48541	1305	48563	1303	48571	1301
48589	1306	48593	1304	48611	1308	48619	1302	48623	1309	48647	1309	48649	1306	48661	1304
48673	1303	48677	1304	48679	1308	48731	1306	48733	1306	48751	1309	48757	1312	48761	1307
48767	1301	48779	1301	48781	1307	48787	1308	48799	1305	48809	1310	48817	1309	48821	1306
48823	1308	48847	1309	48857	1304	48859	1308	48869	1308	48871	1309	48883	1309	48889	1309
48907	1308	48947	1304	48953	1310	48973	1306	48989	1312	48991	1306	49003	1308	49009	1316

Table 4. Continue 10

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
49019	1313	49031	1314	49033	1316	49037	1314	49043	1314	49057	1312	49069	1313	49081	1310
49103	1308	49109	1308	49117	1311	49121	1308	49123	1310	49139	1310	49157	1322	49169	1310
49171	1314	49177	1309	49193	1318	49199	1317	49201	1317	49207	1309	49211	1311	49223	1311
49253	1317	49261	1310	49277	1313	49279	1310	49297	1312	49307	1314	49331	1316	49333	1317
49339	1315	49363	1318	49367	1315	49369	1322	49391	1322	49393	1330	49409	1320	49411	1316
49417	1314	49429	1311	49433	1323	49451	1315	49459	1323	49463	1312	49477	1320	49481	1325
49499	1314	49523	1313	49529	1315	49531	1322	49537	1313	49547	1319	49549	1310	49559	1320
49597	1323	49603	1315	49613	1317	49627	1323	49633	1313	49639	1326	49663	1320	49667	1323
49669	1328	49681	1322	49697	1321	49711	1330	49727	1320	49729	1316	49739	1319	49741	1322
49747	1317	49757	1318	49783	1325	49787	1327	49789	1323	49801	1331	49807	1327	49811	1326
49823	1323	49831	1321	49843	1315	49853	1322	49871	1321	49877	1325	49891	1316	49919	1322
49921	1317	49927	1324	49937	1320	49939	1318	49943	1331	49957	1320	49991	1326	49993	1325
49999	1332	50021	1328	50023	1324	50033	1332	50047	1327	50051	1320	50053	1325	50069	1327
50077	1330	50087	1326	50093	1328	50101	1321	50111	1327	50119	1325	50123	1327	50129	1332
50131	1328	50147	1330	50153	1327	50159	1325	50177	1325	50207	1337	50221	1325	50227	1326
50231	1330	50261	1330	50263	1331	50273	1325	50287	1334	50291	1336	50311	1336	50321	1335
50329	1327	50333	1333	50341	1333	50359	1328	50363	1335	50377	1330	50383	1331	50387	1332
50411	1327	50417	1322	50423	1336	50441	1332	50459	1327	50461	1335	50497	1333	50503	1329
50513	1329	50527	1326	50539	1330	50543	1325	50549	1337	50551	1336	50581	1332	50587	1328
50591	1330	50593	1329	50599	1341	50627	1331	50647	1339	50651	1338	50653	1333	50671	1327
50683	1337	50707	1336	50723	1335	50741	1336	50753	1342	50767	1329	50773	1338	50777	1333
50789	1335	50821	1339	50833	1342	50839	1340	50849	1345	50857	1345	50867	1336	50873	1342
50891	1339	50893	1334	50909	1343	50923	1343	50929	1338	50951	1343	50957	1345	50969	1341
50971	1336	50989	1337	50993	1341	51001	1339	51031	1340	51043	1331	51047	1345	51059	1348
51061	1346	51071	1339	51109	1342	51131	1335	51133	1342	51137	1343	51151	1346	51157	1337
51169	1338	51193	1347	51197	1339	51199	1345	51203	1345	51217	1338	51229	1343	51239	1342
51241	1334	51257	1343	51263	1343	51283	1343	51287	1342	51307	1343	51329	1344	51341	1344
51343	1341	51347	1341	51349	1344	51361	1346	51383	1352	51407	1347	51413	1342	51419	1343
51421	1350	51427	1341	51431	1347	51437	1346	51439	1348	51449	1344	51461	1345	51473	1353
51479	1347	51481	1339	51487	1346	51503	1352	51511	1339	51517	1351	51521	1349	51529	1341
51539	1348	51551	1347	51563	1347	51577	1345	51581	1345	51593	1344	51599	1345	51607	1353
51613	1347	51631	1349	51637	1351	51647	1348	51659	1351	51673	1346	51679	1344	51683	1347
51691	1351	51713	1357	51719	1357	51721	1349	51749	1353	51767	1348	51769	1355	51787	1346
51797	1352	51803	1347	51817	1357	51827	1348	51829	1352	51839	1353	51853	1355	51859	1354
51869	1359	51871	1350	51893	1357	51899	1362	51907	1364	51913	1361	51929	1357	51941	1355
51949	1354	51971	1349	51973	1363	51977	1354	51991	1357	52009	1357	52021	1361	52027	1345
52051	1356	52057	1354	52067	1355	52069	1363	52081	1356	52103	1358	52121	1351	52127	1354
52147	1354	52153	1359	52163	1347	52177	1360	52181	1361	52183	1350	52189	1357	52201	1354
52223	1352	52237	1361	52249	1357	52253	1360	52259	1352	52267	1359	52289	1361	52291	1360
52301	1352	52313	1363	52321	1366	52361	1357	52363	1364	52369	1361	52379	1360	52387	1357
52391	1359	52433	1357	52441	1360	52453	1370	52457	1358	52489	1361	52501	1359	52511	1364
52517	1361	52529	1364	52541	1366	52543	1364	52553	1357	52561	1362	52567	1354	52571	1371
52579	1366	52583	1365	52609	1362	52627	1359	52631	1360	52639	1366	52667	1358	52673	1375
52691	1358	52697	1361	52709	1364	52711	1357	52721	1364	52727	1361	52733	1370	52747	1372
52757	1358	52769	1357	52783	1366	52807	1365	52813	1370	52817	1371	52837	1374	52859	1365
52861	1365	52879	1369	52883	1377	52889	1371	52901	1369	52903	1368	52919	1374	52937	1366
52951	1365	52957	1371	52963	1367	52967	1363	52973	1362	52981	1373	52999	1370	53003	1364
53017	1377	53047	1370	53051	1372	53069	1365	53077	1366	53087	1372	53089	1371	53093	1369

Table 4. Continue 11

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
53101	1370	53113	1368	53117	1376	53129	1378	53147	1367	53149	1373	53161	1370	53171	1368
53173	1368	53189	1373	53197	1369	53201	1367	53231	1375	53233	1377	53239	1364	53267	1369
53269	1368	53279	1377	53281	1377	53299	1368	53309	1366	53323	1373	53327	1377	53353	1377
53359	1378	53377	1375	53381	1377	53401	1371	53407	1371	53411	1379	53419	1376	53437	1367
53441	1376	53453	1379	53479	1380	53503	1371	53507	1369	53527	1377	53549	1382	53551	1376
53569	1375	53591	1375	53593	1380	53597	1376	53609	1365	53611	1368	53617	1382	53623	1372
53629	1378	53633	1388	53639	1372	53653	1376	53657	1375	53681	1377	53693	1379	53699	1387
53717	1379	53719	1387	53731	1385	53759	1377	53773	1376	53777	1378	53783	1380	53791	1383
53813	1378	53819	1379	53831	1377	53849	1382	53857	1382	53861	1379	53881	1383	53887	1376
53891	1380	53897	1375	53899	1386	53917	1377	53923	1383	53927	1373	53939	1381	53951	1384
53959	1378	53987	1381	53993	1380	54001	1381	54011	1385	54013	1382	54037	1384	54049	1383
54059	1386	54083	1378	54091	1379	54101	1382	54121	1390	54133	1381	54139	1380	54151	1387
54163	1388	54167	1378	54181	1385	54193	1377	54217	1388	54251	1381	54269	1387	54277	1383
54287	1380	54289	1385	54293	1386	54311	1389	54319	1388	54323	1388	54331	1389	54347	1377
54361	1386	54367	1386	54371	1382	54377	1392	54401	1380	54403	1391	54409	1387	54413	1392
54419	1387	54421	1389	54437	1384	54443	1390	54449	1392	54469	1391	54493	1396	54497	1390
54499	1394	54503	1385	54517	1390	54521	1399	54539	1386	54541	1389	54547	1389	54559	1387
54563	1394	54577	1390	54581	1392	54583	1385	54601	1397	54617	1389	54623	1390	54629	1397
54631	1390	54647	1387	54667	1393	54673	1391	54679	1396	54709	1396	54713	1393	54721	1387
54727	1391	54751	1395	54767	1389	54773	1395	54779	1404	54787	1394	54799	1393	54829	1384
54833	1400	54851	1391	54869	1399	54877	1393	54881	1394	54907	1394	54917	1394	54919	1391
54941	1398	54949	1399	54959	1389	54973	1390	54979	1399	54983	1390	55001	1403	55009	1398
55021	1391	55049	1394	55051	1393	55057	1404	55061	1395	55073	1402	55079	1394	55103	1391
55109	1399	55117	1401	55127	1396	55147	1407	55163	1388	55171	1389	55201	1408	55207	1399
55213	1395	55217	1396	55219	1399	55229	1401	55243	1406	55249	1406	55259	1399	55291	1402
55313	1399	55331	1406	55333	1399	55337	1394	55339	1396	55343	1395	55351	1390	55373	1397
55381	1401	55399	1403	55411	1399	55439	1410	55441	1402	55457	1404	55469	1404	55487	1397
55501	1407	55511	1402	55529	1408	55541	1399	55547	1395	55579	1405	55589	1405	55603	1406
55609	1409	55619	1414	55621	1402	55631	1412	55633	1412	55639	1404	55661	1416	55663	1405
55667	1403	55673	1417	55681	1408	55691	1410	55697	1404	55711	1408	55717	1407	55721	1406
55733	1407	55763	1407	55787	1410	55793	1406	55799	1411	55807	1409	55813	1407	55817	1407
55819	1410	55823	1404	55829	1409	55837	1415	55843	1412	55849	1407	55871	1407	55889	1409
55897	1414	55901	1410	55903	1411	55921	1407	55927	1409	55931	1406	55933	1406	55949	1407
55967	1408	55987	1409	55997	1405	56003	1412	56009	1409	56039	1411	56041	1412	56053	1403
56081	1414	56087	1412	56093	1416	56099	1405	56101	1413	56113	1416	56123	1412	56131	1409
56149	1414	56167	1409	56171	1409	56179	1419	56197	1415	56207	1418	56209	1406	56237	1410
56239	1413	56249	1415	56263	1413	56267	1418	56269	1407	56299	1414	56311	1412	56333	1414
56359	1411	56369	1417	56377	1417	56383	1421	56393	1411	56401	1415	56417	1415	56431	1417
56437	1417	56443	1420	56453	1414	56467	1411	56473	1421	56477	1418	56479	1417	56489	1419
56501	1422	56503	1418	56509	1406	56519	1413	56527	1416	56531	1415	56533	1414	56543	1417
56569	1418	56591	1414	56597	1417	56599	1420	56611	1425	56629	1417	56633	1414	56659	1427
56663	1426	56671	1417	56681	1421	56687	1422	56701	1417	56711	1416	56713	1414	56731	1422
56737	1418	56747	1423	56767	1422	56773	1415	56779	1416	56783	1423	56807	1425	56809	1423
56813	1420	56821	1422	56827	1428	56843	1421	56857	1425	56873	1426	56891	1421	56893	1419
56897	1426	56909	1421	56911	1425	56921	1417	56923	1417	56929	1426	56941	1421	56951	1422
56957	1415	56963	1432	56983	1425	56989	1419	56993	1430	56999	1424	57037	1430	57041	1419
57047	1424	57059	1420	57073	1429	57077	1420	57089	1424	57097	1422	57107	1428	57119	1426
57121	1424	57131	1424	57139	1430	57143	1430	57149	1425	57163	1429	57173	1425	57179	1424

Table 4. Continue 12

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
57191	1435	57193	1426	57203	1438	57221	1420	57223	1440	57241	1422	57251	1420	57259	1427
57269	1428	57271	1424	57283	1426	57287	1425	57301	1418	57329	1432	57331	1431	57347	1429
57349	1430	57367	1426	57373	1420	57383	1426	57389	1432	57397	1426	57413	1432	57427	1426
57457	1431	57467	1426	57487	1429	57493	1434	57503	1427	57527	1428	57529	1427	57557	1434
57559	1428	57571	1438	57587	1430	57593	1435	57601	1432	57637	1433	57641	1433	57649	1433
57653	1434	57667	1435	57679	1430	57689	1427	57697	1429	57709	1430	57713	1430	57719	1439
57727	1434	57731	1434	57737	1437	57751	1430	57773	1438	57781	1436	57787	1431	57791	1428
57793	1428	57803	1442	57809	1437	57829	1434	57839	1430	57847	1434	57853	1428	57859	1433
57881	1441	57899	1440	57901	1447	57917	1432	57923	1441	57943	1439	57947	1443	57973	1437
57977	1441	57991	1437	58013	1433	58027	1438	58031	1438	58043	1434	58049	1443	58057	1435
58061	1430	58067	1447	58073	1438	58081	1447	58099	1438	58109	1442	58111	1449	58129	1434
58147	1443	58151	1437	58153	1434	58169	1440	58171	1441	58189	1439	58193	1443	58199	1443
58207	1446	58211	1442	58217	1451	58229	1440	58231	1443	58237	1439	58243	1444	58271	1445
58309	1445	58313	1438	58321	1445	58337	1437	58363	1436	58367	1442	58369	1437	58379	1445
58391	1444	58393	1447	58403	1441	58411	1442	58417	1443	58427	1440	58439	1442	58441	1443
58451	1442	58453	1435	58477	1443	58481	1441	58511	1445	58537	1443	58543	1448	58549	1445
58567	1445	58573	1438	58579	1446	58601	1439	58603	1446	58613	1441	58631	1442	58657	1446
58661	1444	58679	1448	58687	1440	58693	1441	58699	1441	58711	1449	58727	1444	58733	1442
58741	1441	58757	1450	58763	1449	58771	1452	58787	1453	58789	1448	58831	1446	58889	1461
58897	1451	58901	1445	58907	1445	58909	1450	58913	1445	58921	1454	58937	1455	58943	1452
58963	1450	58967	1455	58979	1456	58991	1452	58997	1460	59009	1448	59011	1456	59021	1454
59023	1452	59029	1448	59049	1448	59051	1454	59053	1445	59063	1453	59069	1448	59077	1456
59083	1460	59093	1457	59107	1454	59113	1457	59119	1452	59123	1454	59141	1446	59149	1448
59159	1456	59167	1449	59183	1447	59197	1459	59207	1447	59209	1452	59219	1459	59221	1457
59233	1461	59239	1457	59243	1463	59263	1454	59273	1455	59281	1457	59333	1453	59341	1460
59351	1464	59357	1460	59359	1453	59369	1464	59377	1450	59387	1454	59393	1456	59399	1451
59407	1455	59417	1457	59419	1463	59441	1459	59443	1455	59447	1448	59453	1454	59467	1463
59471	1462	59473	1465	59497	1448	59509	1464	59513	1464	59539	1461	59557	1459	59561	1468
59567	1455	59581	1453	59611	1464	59617	1461	59621	1463	59627	1461	59629	1468	59651	1466
59659	1453	59663	1465	59669	1460	59671	1461	59693	1458	59699	1463	59707	1459	59723	1466
59729	1469	59743	1454	59747	1470	59753	1465	59771	1473	59779	1458	59791	1458	59797	1460
59809	1468	59833	1465	59863	1466	59879	1462	59887	1468	59921	1468	59929	1465	59951	1470
59957	1465	59971	1466	59981	1462	59999	1463	60013	1470	60017	1468	60029	1457	60037	1463
60041	1466	60077	1463	60083	1469	60089	1468	60091	1462	60101	1466	60103	1473	60107	1468
60127	1464	60133	1471	60139	1464	60149	1463	60161	1465	60167	1462	60169	1463	60209	1466
60217	1463	60223	1477	60251	1467	60257	1464	60259	1458	60271	1466	60289	1466	60293	1471
60317	1471	60331	1473	60337	1469	60343	1463	60353	1471	60373	1465	60383	1466	60397	1472
60413	1468	60427	1467	60443	1466	60449	1480	60457	1472	60493	1466	60497	1479	60509	1471
60521	1471	60527	1467	60539	1470	60589	1467	60601	1477	60607	1474	60611	1479	60617	1472
60623	1485	60631	1468	60637	1468	60647	1476	60649	1474	60659	1470	60661	1470	60679	1472
60689	1474	60703	1473	60719	1476	60727	1474	60733	1475	60737	1472	60757	1482	60761	1473
60763	1477	60773	1470	60779	1471	60793	1473	60811	1470	60821	1476	60859	1483	60869	1475
60887	1475	60889	1476	60899	1468	60901	1479	60913	1478	60917	1482	60919	1486	60923	1471
60937	1476	60943	1472	60953	1485	60961	1483	61001	1475	61007	1472	61027	1475	61031	1478
61043	1479	61051	1480	61057	1473	61091	1469	61099	1480	61121	1479	61129	1483	61141	1479
61151	1478	61153	1481	61169	1483	61211	1488	61223	1477	61231	1482	61253	1482	61261	1483
61283	1479	61291	1491	61297	1473	61331	1481	61333	1479	61339	1483	61343	1481	61357	1488
61363	1476	61379	1484	61381	1484	61403	1486	61409	1484	61417	1476	61441	1481	61463	1488

Table 4. Continue 13

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
61469	1487	61471	1482	61483	1489	61487	1488	61493	1484	61507	1481	61511	1485	61519	1483
61543	1481	61547	1490	61553	1481	61559	1478	61561	1484	61583	1484	61603	1483	61609	1488
61613	1489	61627	1487	61631	1490	61637	1485	61643	1488	61651	1483	61657	1482	61667	1489
61673	1483	61681	1490	61687	1487	61703	1491	61717	1479	61723	1486	61729	1488	61751	1496
61757	1493	61781	1487	61813	1486	61819	1491	61837	1489	61843	1492	61861	1487	61871	1486
61879	1485	61909	1497	61927	1495	61933	1488	61949	1484	61961	1487	61967	1485	61979	1500
61981	1491	61987	1489	61991	1484	62003	1490	62011	1491	62017	1500	62039	1494	62047	1489
62053	1491	62057	1490	62071	1489	62081	1489	62099	1492	62119	1490	62129	1491	62131	1486
62137	1487	62141	1496	62143	1491	62171	1485	62189	1500	62191	1498	62201	1496	62207	1489
62213	1485	62219	1496	62233	1497	62273	1491	62297	1494	62299	1495	62303	1494	62311	1500
62323	1491	62327	1490	62347	1497	62351	1495	62383	1499	62401	1501	62417	1498	62423	1493
62459	1495	62467	1490	62473	1498	62477	1491	62483	1493	62497	1499	62501	1497	62507	1499
62533	1499	62539	1496	62549	1492	62563	1491	62581	1496	62591	1496	62597	1495	62603	1493
62617	1496	62627	1498	62633	1507	62639	1495	62653	1498	62659	1499	62683	1498	62687	1506
62701	1502	62723	1505	62731	1494	62743	1502	62753	1496	62761	1498	62773	1503	62791	1503
62801	1505	62819	1503	62827	1503	62851	1505	62861	1504	62869	1503	62873	1506	62897	1503
62903	1510	62921	1505	62927	1507	62929	1504	62939	1495	62969	1511	62971	1506	62981	1507
62983	1507	62987	1505	62989	1496	63001	1504	63029	1502	63031	1510	63059	1511	63067	1502
63073	1501	63079	1505	63097	1501	63103	1512	63113	1502	63127	1505	63131	1499	63149	1507
63179	1510	63197	1513	63199	1502	63211	1508	63241	1515	63247	1498	63277	1508	63281	1498
63299	1505	63311	1512	63313	1504	63317	1506	63331	1515	63337	1510	63347	1508	63353	1519
63361	1516	63367	1509	63377	1505	63389	1508	63391	1513	63397	1500	63409	1510	63419	1512
63421	1512	63439	1515	63443	1509	63463	1512	63467	1514	63473	1512	63487	1508	63493	1506
63499	1504	63521	1508	63527	1514	63533	1509	63541	1507	63559	1515	63577	1511	63587	1509
63589	1506	63599	1516	63601	1508	63607	1517	63611	1518	63617	1521	63629	1513	63647	1507
63649	1515	63659	1517	63667	1514	63671	1512	63689	1511	63691	1509	63697	1516	63703	1514
63709	1506	63719	1515	63727	1515	63737	1518	63743	1512	63761	1521	63773	1519	63781	1522
63793	1514	63799	1508	63803	1513	63809	1510	63823	1516	63839	1511	63841	1517	63853	1517
63857	1512	63863	1521	63901	1518	63907	1522	63913	1520	63929	1512	63949	1517	63977	1519
63997	1516	64007	1512	64013	1510	64019	1510	64033	1514	64037	1520	64063	1512	64067	1519
64081	1509	64091	1517	64109	1516	64123	1521	64151	1513	64153	1517	64157	1522	64171	1518
64187	1526	64189	1522	64217	1518	64223	1516	64231	1523	64237	1523	64271	1517	64279	1518
64283	1521	64301	1527	64303	1525	64319	1517	64327	1526	64333	1529	64373	1519	64381	1522
64399	1517	64403	1521	64433	1524	64439	1518	64451	1527	64453	1512	64483	1526	64489	1527
64499	1518	64513	1520	64553	1528	64567	1519	64577	1532	64579	1528	64591	1541	64601	1531
64609	1529	64613	1521	64621	1526	64627	1522	64633	1531	64661	1521	64663	1532	64667	1526
64679	1527	64693	1519	64709	1525	64717	1525	64747	1518	64763	1528	64781	1525	64783	1522
64793	1524	64811	1525	64817	1536	64849	1526	64853	1523	64871	1531	64877	1536	64879	1528
64891	1529	64901	1529	64919	1533	64921	1529	64927	1537	64937	1525	64951	1531	64969	1526
64997	1534	65003	1531	65011	1529	65027	1531	65029	1539	65033	1527	65053	1523	65063	1532
65071	1526	65089	1528	65099	1534	65101	1531	65111	1532	65119	1525	65123	1527	65129	1539
65141	1542	65147	1533	65167	1529	65171	1530	65173	1534	65179	1531	65183	1535	65203	1541
65213	1531	65239	1529	65257	1529	65267	1531	65269	1525	65287	1542	65293	1534	65309	1539
65323	1530	65327	1529	65353	1535	65357	1530	65371	1532	65381	1526	65393	1538	65407	1534
65413	1534	65419	1539	65423	1533	65437	1536	65447	1538	65449	1538	65479	1533	65497	1537
65519	1530	65521	1532	65536	1531	65537	1533	65539	1538	65543	1534	65551	1537	65557	1538
65563	1545	65579	1541	65581	1531	65587	1543	65599	1545	65609	1547	65617	1536	65629	1541
65633	1550	65647	1541	65651	1554	65657	1530	65677	1538	65687	1535	65699	1539	65701	1539

Table 4. Continue 14

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
65707	1535	65713	1538	65717	1545	65719	1541	65729	1536	65731	1538	65761	1552	65777	1534
65789	1541	65809	1536	65827	1531	65831	1544	65837	1537	65839	1544	65843	1550	65851	1538
65867	1540	65881	1543	65899	1547	65921	1541	65927	1537	65929	1536	65951	1538	65957	1540
65963	1542	65981	1546	65983	1544	65993	1542	66029	1543	66037	1542	66041	1537	66047	1539
66049	1542	66067	1552	66071	1545	66083	1545	66089	1535	66103	1536	66107	1544	66109	1551
66137	1549	66161	1538	66169	1542	66173	1549	66179	1543	66191	1548	66221	1551	66239	1542
66271	1540	66293	1558	66301	1548	66337	1540	66343	1544	66347	1546	66359	1549	66361	1548
66373	1542	66377	1542	66383	1545	66403	1551	66413	1555	66431	1539	66449	1547	66457	1543
66463	1547	66467	1544	66491	1542	66499	1544	66509	1548	66523	1550	66529	1553	66533	1555
66541	1550	66553	1554	66569	1550	66571	1555	66587	1545	66593	1543	66601	1552	66617	1548
66629	1552	66643	1552	66653	1549	66683	1552	66697	1555	66701	1545	66713	1550	66721	1547
66733	1552	66739	1556	66749	1549	66751	1546	66763	1562	66791	1555	66797	1551	66809	1559
66821	1557	66841	1553	66851	1542	66853	1551	66863	1560	66877	1564	66883	1559	66889	1551
66919	1543	66923	1563	66931	1557	66943	1555	66947	1561	66949	1549	66959	1557	66973	1552
66977	1563	67003	1548	67021	1559	67033	1552	67043	1559	67049	1559	67057	1559	67061	1552
67073	1555	67079	1563	67103	1555	67121	1554	67129	1557	67139	1554	67141	1559	67153	1554
67157	1554	67169	1557	67181	1557	67187	1556	67189	1559	67211	1554	67213	1554	67217	1552
67219	1566	67231	1564	67247	1556	67261	1557	67271	1557	67273	1557	67289	1560	67307	1564
67339	1558	67343	1570	67349	1562	67369	1562	67391	1565	67399	1566	67409	1567	67411	1559
67421	1566	67427	1560	67429	1568	67433	1564	67447	1561	67453	1563	67477	1557	67481	1568
67489	1568	67493	1559	67499	1563	67511	1560	67523	1570	67531	1566	67537	1561	67547	1563
67559	1572	67567	1558	67577	1574	67579	1562	67589	1569	67601	1568	67607	1565	67619	1559
67631	1559	67651	1560	67679	1564	67699	1566	67709	1564	67723	1564	67733	1567	67741	1561
67751	1565	67757	1561	67759	1558	67763	1561	67777	1568	67783	1573	67789	1560	67801	1569
67807	1566	67819	1564	67829	1563	67843	1568	67853	1570	67867	1569	67883	1565	67891	1572
67901	1566	67927	1566	67931	1562	67933	1563	67939	1567	67943	1571	67957	1568	67961	1567
67967	1568	67979	1563	67987	1575	67993	1571	68023	1565	68041	1570	68053	1571	68059	1571
68071	1567	68087	1577	68099	1567	68111	1564	68113	1564	68141	1573	68147	1571	68161	1578
68171	1577	68207	1566	68209	1568	68213	1570	68219	1566	68227	1572	68239	1574	68261	1566
68279	1572	68281	1571	68311	1564	68329	1570	68351	1572	68371	1577	68389	1575	68399	1573
68437	1574	68443	1575	68447	1578	68449	1567	68473	1569	68477	1572	68483	1580	68489	1575
68491	1578	68501	1573	68507	1574	68521	1579	68531	1577	68539	1574	68543	1575	68567	1574
68581	1577	68597	1575	68611	1578	68633	1581	68639	1583	68659	1574	68669	1574	68683	1576
68687	1578	68699	1575	68711	1574	68713	1581	68729	1580	68737	1571	68743	1574	68749	1578
68767	1579	68771	1577	68777	1573	68791	1575	68813	1580	68819	1578	68821	1576	68863	1574
68879	1580	68881	1576	68891	1583	68897	1581	68899	1573	68903	1577	68909	1581	68917	1581
68921	1579	68927	1585	68947	1583	68963	1583	68993	1577	69001	1586	69011	1581	69019	1584
69029	1587	69031	1585	69061	1580	69067	1585	69073	1581	69109	1581	69119	1577	69127	1581
69143	1581	69149	1580	69151	1583	69163	1584	69169	1575	69191	1587	69193	1583	69197	1578
69203	1582	69221	1580	69233	1583	69239	1592	69247	1589	69257	1585	69259	1578	69263	1590
69313	1589	69317	1581	69337	1583	69341	1588	69371	1584	69379	1582	69383	1580	69389	1593
69401	1594	69403	1589	69427	1588	69431	1595	69439	1582	69457	1580	69463	1583	69467	1590
69473	1594	69481	1594	69491	1584	69493	1585	69497	1590	69499	1587	69539	1589	69557	1592
69593	1586	69623	1591	69653	1586	69661	1591	69677	1580	69691	1591	69697	1596	69709	1586
69737	1590	69739	1587	69761	1592	69763	1592	69767	1594	69779	1589	69809	1588	69821	1586
69827	1596	69829	1586	69833	1588	69847	1592	69857	1587	69859	1593	69877	1595	69899	1591
69911	1589	69929	1590	69931	1590	69941	1589	69959	1583	69991	1598	69997	1595	70001	1599
70003	1592	70009	1590	70019	1591	70039	1603	70051	1596	70061	1594	70067	1590	70079	1594

Table 4. Continue 15

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
70099	1595	70111	1586	70117	1596	70121	1595	70123	1599	70139	1591	70141	1598	70157	1588
70163	1597	70177	1586	70181	1591	70183	1607	70199	1595	70201	1589	70207	1589	70223	1596
70229	1588	70237	1601	70241	1596	70249	1597	70271	1601	70289	1596	70297	1595	70309	1597
70313	1595	70321	1599	70327	1593	70351	1607	70373	1593	70379	1601	70381	1601	70393	1599
70423	1605	70429	1600	70439	1599	70451	1582	70457	1601	70459	1598	70481	1602	70487	1599
70489	1598	70501	1598	70507	1604	70529	1600	70537	1595	70549	1604	70571	1596	70573	1602
70583	1601	70589	1591	70607	1599	70619	1601	70621	1593	70627	1597	70639	1598	70657	1603
70663	1596	70667	1599	70687	1599	70709	1594	70717	1613	70729	1594	70753	1594	70769	1607
70783	1606	70793	1601	70823	1596	70841	1603	70843	1602	70849	1605	70853	1607	70867	1604
70877	1607	70879	1599	70891	1609	70901	1606	70913	1608	70919	1603	70921	1608	70937	1603
70949	1598	70951	1606	70957	1610	70969	1596	70979	1607	70981	1599	70991	1603	70997	1607
70999	1607	71011	1604	71023	1603	71039	1603	71059	1602	71069	1607	71081	1614	71089	1608
71119	1608	71129	1606	71143	1604	71147	1608	71153	1601	71161	1607	71167	1615	71171	1611
71191	1605	71209	1607	71233	1611	71237	1613	71249	1607	71257	1608	71261	1607	71263	1610
71287	1611	71293	1605	71317	1609	71327	1610	71329	1607	71333	1611	71339	1616	71341	1610
71347	1608	71353	1603	71359	1603	71363	1611	71387	1607	71389	1613	71399	1604	71411	1606
71413	1608	71419	1612	71429	1614	71437	1619	71443	1625	71453	1608	71471	1600	71473	1614
71479	1615	71483	1608	71503	1611	71527	1610	71537	1616	71549	1608	71551	1623	71563	1612
71569	1612	71593	1613	71597	1611	71633	1615	71647	1615	71663	1615	71671	1617	71693	1616
71699	1617	71707	1609	71711	1619	71713	1615	71719	1622	71741	1607	71761	1607	71777	1612
71789	1615	71807	1621	71809	1626	71821	1619	71837	1622	71843	1608	71849	1616	71861	1614
71867	1619	71879	1616	71881	1619	71887	1622	71899	1617	71909	1617	71917	1614	71933	1617
71941	1617	71947	1618	71963	1619	71971	1623	71983	1619	71987	1621	71993	1619	71999	1623
72019	1624	72031	1613	72043	1614	72047	1620	72053	1624	72073	1620	72077	1610	72089	1618
72091	1623	72101	1629	72103	1622	72109	1608	72139	1619	72161	1613	72167	1618	72169	1620
72173	1615	72211	1625	72221	1622	72223	1620	72227	1616	72229	1622	72251	1623	72253	1617
72269	1632	72271	1617	72277	1622	72287	1619	72307	1617	72313	1612	72337	1629	72341	1622
72353	1624	72361	1627	72367	1627	72379	1625	72383	1621	72421	1615	72431	1624	72461	1625
72467	1625	72469	1623	72481	1622	72493	1624	72497	1628	72503	1620	72533	1620	72547	1618
72551	1624	72559	1628	72577	1625	72613	1627	72617	1629	72623	1622	72643	1631	72647	1629
72649	1623	72661	1622	72671	1627	72673	1630	72679	1625	72689	1625	72701	1633	72707	1628
72719	1622	72727	1614	72733	1622	72739	1629	72763	1632	72767	1625	72797	1626	72817	1627
72823	1621	72859	1635	72869	1640	72871	1625	72883	1633	72889	1633	72893	1627	72901	1638
72907	1625	72911	1632	72923	1634	72931	1639	72937	1626	72949	1624	72953	1630	72959	1630
72973	1637	72977	1638	72997	1631	73009	1624	73013	1631	73019	1636	73037	1626	73039	1625
73043	1635	73061	1629	73063	1636	73079	1631	73091	1621	73121	1632	73127	1628	73133	1631
73141	1634	73181	1635	73189	1638	73237	1628	73243	1631	73259	1626	73277	1639	73291	1636
73303	1630	73309	1629	73327	1647	73331	1625	73351	1634	73361	1634	73363	1639	73369	1637
73379	1634	73387	1633	73417	1636	73421	1645	73433	1627	73441	1637	73453	1634	73459	1638
73471	1640	73477	1639	73483	1642	73517	1637	73523	1646	73529	1636	73547	1634	73553	1631
73561	1634	73571	1637	73583	1635	73589	1634	73597	1639	73607	1640	73609	1629	73613	1637
73637	1639	73643	1636	73651	1635	73673	1635	73679	1639	73681	1649	73693	1643	73699	1643
73709	1632	73721	1634	73727	1643	73751	1638	73757	1636	73771	1642	73783	1637	73819	1637
73823	1636	73847	1639	73849	1647	73859	1635	73867	1646	73877	1641	73883	1642	73897	1640
73907	1636	73939	1637	73943	1647	73951	1650	73961	1638	73973	1636	73999	1647	74017	1649
74021	1639	74027	1638	74047	1635	74051	1643	74071	1649	74077	1639	74093	1643	74099	1645
74101	1647	74131	1645	74143	1646	74149	1636	74159	1644	74161	1640	74167	1644	74177	1646
74189	1649	74197	1650	74201	1647	74203	1645	74209	1643	74219	1647	74231	1643	74257	1640

Table 4. Continue 16

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
74279	1648	74287	1652	74293	1648	74297	1639	74311	1646	74317	1648	74323	1648	74353	1642
74357	1645	74363	1648	74377	1648	74381	1650	74383	1648	74411	1648	74413	1644	74419	1646
74441	1656	74449	1643	74453	1648	74471	1648	74489	1653	74507	1646	74509	1641	74521	1639
74527	1642	74531	1649	74551	1642	74561	1653	74567	1651	74573	1644	74587	1652	74597	1652
74609	1645	74611	1652	74623	1652	74653	1654	74687	1650	74699	1647	74707	1656	74713	1646
74717	1650	74719	1646	74729	1646	74731	1657	74747	1648	74759	1651	74761	1654	74771	1647
74779	1654	74797	1645	74821	1649	74827	1658	74831	1659	74843	1648	74857	1656	74861	1657
74869	1655	74873	1654	74887	1655	74891	1646	74897	1657	74903	1650	74923	1649	74929	1652
74933	1659	74941	1646	74959	1658	75011	1649	75013	1655	75017	1654	75029	1651	75037	1655
75041	1655	75079	1654	75083	1654	75109	1657	75133	1656	75149	1648	75161	1655	75167	1655
75169	1653	75181	1652	75193	1654	75209	1655	75211	1662	75217	1662	75223	1656	75227	1664
75239	1661	75253	1654	75269	1659	75277	1663	75289	1657	75307	1663	75323	1660	75329	1659
75337	1653	75347	1658	75353	1658	75367	1657	75377	1662	75389	1653	75391	1657	75401	1653
75403	1659	75407	1666	75431	1662	75437	1657	75479	1658	75503	1656	75511	1665	75521	1657
75527	1651	75533	1659	75539	1664	75541	1662	75553	1649	75557	1660	75571	1662	75577	1671
75583	1663	75611	1657	75617	1659	75619	1662	75629	1655	75641	1659	75653	1663	75659	1660
75679	1665	75683	1668	75689	1659	75703	1674	75707	1670	75709	1662	75721	1660	75731	1669
75743	1660	75767	1662	75773	1668	75781	1664	75787	1667	75793	1654	75797	1663	75821	1659
75833	1667	75853	1663	75869	1663	75883	1678	75913	1664	75931	1665	75937	1660	75941	1666
75967	1668	75979	1662	75983	1667	75989	1673	75991	1674	75997	1668	76001	1671	76003	1663
76031	1661	76039	1670	76079	1669	76081	1668	76091	1663	76099	1666	76103	1670	76123	1669
76129	1672	76147	1674	76157	1669	76159	1665	76163	1670	76207	1668	76213	1668	76231	1665
76243	1671	76249	1678	76253	1665	76259	1672	76261	1666	76283	1667	76289	1664	76303	1667
76333	1676	76343	1665	76367	1662	76369	1677	76379	1676	76387	1673	76403	1675	76421	1674
76423	1671	76441	1669	76463	1682	76471	1670	76481	1669	76487	1679	76493	1674	76507	1665
76511	1667	76519	1674	76537	1680	76541	1673	76543	1668	76561	1670	76579	1675	76597	1666
76603	1675	76607	1662	76631	1679	76649	1685	76651	1671	76667	1673	76673	1668	76679	1677
76697	1681	76717	1668	76729	1680	76733	1675	76753	1675	76757	1669	76771	1675	76777	1674
76781	1681	76801	1679	76819	1672	76829	1678	76831	1684	76837	1683	76847	1675	76871	1690
76873	1672	76883	1673	76907	1678	76913	1687	76919	1674	76943	1677	76949	1675	76961	1680
76963	1680	76991	1668	77003	1676	77017	1684	77023	1677	77029	1681	77041	1684	77047	1673
77069	1687	77081	1685	77093	1678	77101	1679	77137	1677	77141	1683	77153	1682	77167	1680
77171	1673	77191	1672	77201	1677	77213	1680	77237	1679	77239	1681	77243	1678	77249	1677
77261	1690	77263	1686	77267	1679	77269	1673	77279	1682	77291	1691	77317	1674	77323	1687
77339	1681	77347	1681	77351	1681	77359	1687	77369	1686	77377	1687	77383	1686	77417	1685
77419	1682	77431	1678	77447	1686	77471	1684	77477	1689	77479	1681	77489	1684	77491	1687
77509	1687	77513	1682	77521	1684	77527	1685	77543	1692	77549	1686	77551	1687	77557	1688
77563	1679	77569	1688	77573	1682	77587	1685	77591	1685	77611	1681	77617	1687	77621	1683
77641	1689	77647	1688	77659	1683	77681	1694	77687	1692	77689	1677	77699	1685	77711	1689
77713	1677	77719	1683	77723	1683	77731	1683	77743	1688	77747	1689	77761	1690	77773	1684
77783	1684	77797	1684	77801	1686	77813	1689	77839	1679	77849	1685	77863	1698	77867	1686
77893	1692	77899	1682	77929	1689	77933	1686	77951	1682	77969	1691	77977	1688	77983	1680
77999	1692	78007	1691	78017	1690	78031	1689	78041	1693	78049	1685	78059	1694	78079	1698
78101	1687	78121	1690	78125	1684	78137	1689	78139	1694	78157	1698	78163	1690	78167	1696
78173	1692	78179	1694	78191	1697	78193	1687	78203	1691	78229	1693	78233	1691	78241	1700
78259	1698	78277	1698	78283	1692	78301	1702	78307	1697	78311	1693	78317	1696	78341	1686
78347	1688	78367	1695	78401	1700	78427	1697	78437	1693	78439	1702	78467	1696	78479	1690
78487	1695	78497	1695	78509	1699	78511	1699	78517	1690	78539	1691	78541	1697	78553	1696

Table 4. Continue 17

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
78569	1697	78571	1688	78577	1697	78583	1707	78593	1697	78607	1689	78623	1693	78643	1694
78649	1696	78653	1701	78691	1699	78697	1706	78707	1697	78713	1704	78721	1700	78737	1701
78779	1699	78781	1701	78787	1704	78791	1697	78797	1712	78803	1701	78809	1713	78823	1696
78839	1702	78853	1697	78857	1703	78877	1704	78887	1714	78889	1699	78893	1703	78901	1707
78919	1700	78929	1700	78941	1699	78961	1704	78977	1696	78979	1697	78989	1702	79031	1696
79039	1710	79043	1703	79063	1704	79087	1699	79103	1701	79111	1702	79133	1698	79139	1695
79147	1705	79151	1701	79153	1702	79159	1702	79181	1710	79187	1700	79193	1701	79201	1700
79229	1706	79231	1701	79241	1705	79259	1704	79273	1702	79279	1706	79283	1711	79301	1696
79309	1711	79319	1711	79333	1708	79337	1707	79349	1704	79357	1711	79367	1713	79379	1710
79393	1708	79397	1712	79399	1706	79411	1699	79423	1707	79427	1704	79433	1710	79451	1708
79481	1707	79493	1712	79507	1712	79531	1701	79537	1707	79549	1704	79559	1700	79561	1714
79579	1710	79589	1705	79601	1714	79609	1704	79613	1711	79621	1713	79627	1716	79631	1713
79633	1710	79657	1713	79669	1711	79687	1715	79691	1716	79693	1713	79697	1713	79699	1707
79757	1712	79769	1716	79777	1706	79801	1723	79811	1707	79813	1697	79817	1711	79823	1705
79829	1715	79841	1711	79843	1716	79847	1705	79861	1720	79867	1705	79873	1715	79889	1701
79901	1709	79903	1707	79907	1705	79939	1715	79943	1720	79967	1717	79973	1719	79979	1702
79987	1710	79997	1711	79999	1707	80021	1715	80039	1718	80051	1717	80071	1713	80077	1724
80089	1720	80107	1720	80111	1718	80141	1716	80147	1719	80149	1725	80153	1708	80167	1714
80173	1714	80177	1718	80191	1718	80207	1704	80209	1715	80221	1718	80231	1718	80233	1716
80239	1712	80251	1717	80263	1717	80273	1713	80279	1716	80287	1725	80309	1717	80317	1715
80329	1718	80341	1713	80347	1716	80363	1716	80369	1725	80387	1716	80407	1735	80429	1719
80447	1719	80449	1718	80471	1715	80473	1716	80489	1719	80491	1716	80513	1719	80527	1723
80537	1722	80557	1715	80567	1718	80599	1720	80603	1726	80611	1724	80621	1719	80627	1716
80629	1727	80651	1720	80657	1714	80669	1714	80671	1720	80677	1720	80681	1718	80683	1728
80687	1717	80701	1719	80713	1722	80737	1720	80747	1733	80749	1717	80761	1732	80777	1724
80779	1719	80783	1721	80789	1729	80803	1722	80809	1729	80819	1728	80831	1717	80833	1728
80849	1721	80863	1723	80897	1728	80909	1728	80911	1727	80917	1722	80923	1726	80929	1732
80933	1725	80953	1721	80963	1724	80989	1735	81001	1715	81013	1725	81017	1733	81019	1732
81023	1725	81031	1729	81041	1727	81043	1732	81047	1723	81049	1727	81071	1728	81077	1721
81083	1725	81097	1728	81101	1727	81119	1725	81131	1727	81157	1723	81163	1733	81173	1722
81181	1725	81197	1727	81199	1724	81203	1729	81223	1732	81233	1726	81239	1721	81281	1728
81283	1727	81293	1736	81299	1729	81307	1733	81331	1739	81343	1730	81349	1726	81353	1733
81359	1721	81371	1729	81373	1725	81401	1734	81409	1738	81421	1728	81439	1733	81457	1739
81463	1729	81509	1730	81517	1735	81527	1720	81533	1741	81547	1732	81551	1738	81553	1738
81559	1735	81563	1734	81569	1729	81611	1731	81619	1732	81629	1729	81637	1726	81647	1740
81649	1731	81667	1729	81671	1737	81677	1739	81689	1728	81701	1729	81703	1730	81707	1734
81727	1729	81737	1727	81749	1724	81761	1739	81769	1740	81773	1736	81799	1737	81817	1734
81839	1732	81847	1733	81853	1731	81869	1735	81883	1735	81899	1741	81901	1740	81919	1737
81929	1743	81931	1738	81937	1736	81943	1746	81953	1741	81967	1741	81971	1734	81973	1737
82003	1750	82007	1733	82009	1733	82013	1742	82021	1732	82031	1736	82037	1736	82039	1734
82051	1736	82067	1742	82073	1740	82129	1739	82139	1736	82141	1732	82153	1739	82163	1738
82171	1735	82183	1739	82189	1748	82193	1741	82207	1736	82217	1746	82219	1739	82223	1744
82231	1736	82237	1733	82241	1746	82261	1746	82267	1737	82279	1729	82301	1746	82307	1734
82339	1743	82349	1740	82351	1741	82361	1741	82373	1752	82387	1728	82393	1736	82421	1732
82457	1752	82463	1744	82469	1745	82471	1742	82483	1744	82487	1753	82493	1746	82499	1748
82507	1747	82529	1745	82531	1742	82549	1741	82559	1740	82561	1742	82567	1739	82571	1740
82591	1739	82601	1743	82609	1747	82613	1746	82619	1739	82633	1743	82651	1747	82657	1749
82699	1748	82721	1749	82723	1744	82727	1738	82729	1749	82757	1743	82759	1747	82763	1748

Table 4. Continue 18

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
82781	1753	82787	1750	82793	1750	82799	1740	82811	1745	82813	1734	82837	1744	82847	1751
82883	1738	82889	1745	82891	1751	82903	1744	82913	1744	82939	1751	82963	1746	82981	1758
82997	1749	83003	1740	83009	1746	83023	1749	83047	1748	83059	1748	83063	1752	83071	1755
83077	1751	83089	1751	83093	1754	83101	1747	83117	1752	83137	1749	83177	1747	83203	1750
83207	1748	83219	1754	83221	1752	83227	1755	83231	1755	83233	1754	83243	1746	83257	1756
83267	1755	83269	1746	83273	1751	83299	1758	83311	1751	83339	1757	83341	1748	83357	1742
83383	1765	83389	1757	83399	1755	83401	1747	83407	1745	83417	1758	83423	1746	83431	1758
83437	1749	83443	1755	83449	1754	83459	1761	83471	1748	83477	1760	83497	1748	83521	1755
83537	1755	83557	1753	83561	1758	83563	1760	83579	1753	83591	1758	83597	1756	83609	1750
83617	1751	83621	1753	83639	1758	83641	1765	83653	1754	83663	1749	83689	1752	83701	1752
83717	1756	83719	1756	83737	1758	83761	1762	83773	1756	83777	1762	83791	1750	83813	1757
83833	1753	83843	1764	83857	1763	83869	1759	83873	1760	83891	1749	83903	1756	83911	1759
83921	1768	83933	1750	83939	1752	83969	1757	83983	1760	83987	1756	84011	1756	84017	1765
84047	1755	84053	1761	84059	1759	84061	1763	84067	1757	84089	1769	84121	1763	84127	1761
84131	1763	84137	1764	84143	1764	84163	1760	84179	1756	84181	1769	84191	1757	84199	1765
84211	1758	84221	1771	84223	1766	84229	1757	84239	1767	84247	1756	84263	1760	84299	1766
84307	1768	84313	1770	84317	1770	84319	1766	84347	1768	84349	1763	84377	1765	84389	1762
84391	1764	84401	1754	84407	1768	84421	1763	84431	1762	84437	1762	84443	1762	84449	1767
84457	1777	84463	1773	84467	1754	84481	1755	84499	1769	84503	1761	84509	1758	84521	1766
84523	1766	84533	1771	84551	1766	84559	1771	84589	1765	84629	1773	84631	1767	84649	1767
84653	1781	84659	1772	84673	1765	84691	1769	84697	1772	84701	1767	84713	1761	84719	1763
84731	1770	84737	1773	84751	1767	84761	1774	84787	1776	84793	1768	84809	1765	84811	1769
84827	1777	84857	1770	84859	1767	84869	1767	84871	1770	84913	1771	84919	1769	84947	1777
84961	1777	84967	1768	84977	1774	84979	1776	84991	1774	85009	1771	85021	1775	85027	1777
85037	1764	85049	1777	85061	1777	85081	1773	85087	1775	85091	1774	85093	1765	85103	1766
85109	1767	85121	1769	85133	1775	85147	1766	85159	1774	85193	1772	85199	1780	85201	1776
85213	1772	85223	1771	85229	1771	85237	1768	85243	1777	85247	1777	85259	1774	85297	1772
85303	1772	85313	1777	85331	1775	85333	1775	85361	1778	85363	1773	85369	1771	85381	1771
85411	1783	85427	1778	85429	1776	85439	1774	85447	1774	85451	1778	85453	1770	85469	1778
85487	1778	85513	1782	85517	1773	85523	1775	85531	1772	85549	1776	85571	1779	85577	1790
85597	1777	85601	1781	85607	1771	85619	1777	85621	1785	85627	1786	85639	1780	85643	1779
85661	1778	85667	1778	85669	1780	85691	1772	85703	1779	85711	1785	85717	1779	85733	1772
85751	1780	85781	1776	85793	1776	85817	1778	85819	1783	85829	1782	85831	1784	85837	1778
85843	1787	85847	1778	85849	1776	85853	1776	85889	1783	85903	1769	85909	1777	85931	1772
85933	1781	85991	1770	85999	1784	86011	1779	86017	1784	86027	1778	86029	1773	86069	1782
86077	1789	86083	1785	86111	1788	86113	1785	86117	1790	86131	1784	86137	1792	86143	1778
86161	1784	86171	1781	86179	1779	86183	1773	86197	1784	86201	1781	86209	1776	86239	1790
86243	1780	86249	1789	86257	1784	86263	1795	86269	1786	86287	1784	86291	1790	86293	1785
86297	1787	86311	1788	86323	1793	86341	1790	86351	1782	86353	1784	86357	1786	86369	1786
86371	1786	86381	1784	86389	1787	86399	1787	86413	1787	86423	1791	86441	1787	86453	1791
86461	1779	86467	1787	86477	1790	86491	1792	86501	1786	86509	1787	86531	1792	86533	1799
86539	1785	86561	1789	86573	1784	86579	1791	86587	1781	86599	1797	86627	1788	86629	1793
86677	1790	86689	1793	86693	1789	86711	1787	86719	1794	86729	1794	86743	1796	86753	1793
86767	1792	86771	1791	86783	1784	86813	1798	86837	1787	86843	1789	86851	1801	86857	1792
86861	1784	86869	1791	86923	1792	86927	1793	86929	1788	86939	1797	86951	1783	86959	1789
86969	1809	86981	1795	86993	1795	87011	1793	87013	1790	87037	1790	87041	1790	87049	1790
87071	1797	87083	1798	87103	1797	87107	1792	87119	1800	87121	1803	87133	1792	87149	1795
87151	1798	87179	1798	87181	1793	87187	1797	87211	1784	87221	1804	87223	1792	87251	1798

Table 4. Continue 19

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
87253	1809	87257	1799	87277	1793	87281	1803	87293	1798	87299	1795	87313	1795	87317	1807
87323	1802	87337	1801	87359	1792	87383	1792	87403	1808	87407	1800	87421	1797	87427	1795
87433	1805	87443	1793	87473	1798	87481	1805	87491	1804	87509	1797	87511	1794	87517	1800
87523	1798	87539	1797	87541	1793	87547	1800	87553	1801	87557	1804	87559	1802	87583	1802
87587	1798	87589	1797	87613	1797	87623	1805	87629	1798	87631	1797	87641	1809	87643	1796
87649	1793	87671	1802	87679	1802	87683	1807	87691	1802	87697	1794	87701	1802	87719	1813
87721	1807	87739	1801	87743	1811	87751	1799	87767	1803	87793	1805	87797	1806	87803	1804
87811	1806	87833	1798	87853	1809	87869	1800	87877	1808	87881	1804	87887	1809	87911	1808
87917	1803	87931	1810	87943	1802	87959	1804	87961	1803	87973	1802	87977	1798	87991	1810
88001	1805	88003	1805	88007	1803	88019	1806	88037	1803	88069	1806	88079	1807	88093	1808
88117	1811	88129	1811	88169	1805	88177	1805	88211	1801	88223	1798	88237	1807	88241	1806
88259	1810	88261	1803	88289	1810	88301	1806	88321	1802	88327	1799	88337	1809	88339	1813
88379	1808	88397	1810	88411	1811	88423	1813	88427	1811	88463	1811	88469	1807	88471	1810
88493	1806	88499	1816	88513	1810	88523	1816	88547	1809	88589	1803	88591	1813	88607	1816
88609	1815	88643	1813	88651	1813	88657	1807	88661	1809	88663	1811	88667	1806	88681	1809
88721	1813	88729	1818	88741	1810	88747	1815	88771	1814	88789	1822	88793	1818	88799	1821
88801	1811	88807	1815	88811	1817	88813	1820	88817	1818	88819	1822	88843	1810	88853	1810
88861	1809	88867	1808	88873	1806	88883	1818	88897	1820	88903	1814	88919	1807	88937	1822
88951	1819	88969	1822	88993	1814	88997	1812	89003	1817	89009	1827	89017	1812	89021	1818
89041	1823	89051	1814	89057	1812	89069	1811	89071	1816	89083	1815	89087	1818	89101	1811
89107	1817	89113	1829	89119	1819	89123	1812	89137	1824	89153	1818	89189	1818	89203	1816
89209	1817	89213	1824	89227	1821	89231	1824	89237	1821	89261	1815	89269	1818	89273	1819
89293	1819	89303	1821	89317	1823	89329	1820	89363	1825	89371	1815	89381	1810	89387	1821
89393	1820	89399	1811	89413	1822	89417	1827	89431	1822	89443	1809	89449	1811	89459	1832
89477	1817	89491	1820	89501	1823	89513	1818	89519	1826	89521	1813	89527	1825	89533	1829
89561	1824	89563	1821	89567	1824	89591	1823	89597	1822	89599	1829	89603	1812	89611	1821
89627	1818	89633	1821	89653	1821	89657	1830	89659	1838	89669	1822	89671	1822	89681	1822
89689	1819	89753	1820	89759	1824	89767	1837	89779	1829	89783	1823	89797	1831	89809	1825
89819	1823	89821	1824	89833	1825	89839	1831	89849	1826	89867	1820	89891	1823	89897	1823
89899	1825	89909	1838	89917	1830	89923	1832	89939	1829	89959	1829	89963	1829	89977	1834
89983	1831	89989	1832	90001	1839	90007	1818	90011	1826	90017	1836	90019	1831	90023	1833
90031	1827	90053	1831	90059	1829	90067	1837	90071	1835	90073	1828	90089	1834	90107	1841
90121	1832	90127	1832	90149	1829	90163	1824	90173	1837	90187	1837	90191	1831	90197	1823
90199	1825	90203	1824	90217	1824	90227	1825	90239	1835	90247	1835	90263	1829	90271	1828
90281	1821	90289	1832	90313	1837	90353	1840	90359	1827	90371	1828	90373	1827	90379	1831
90397	1834	90401	1831	90403	1839	90407	1834	90437	1821	90439	1831	90469	1834	90473	1836
90481	1840	90499	1833	90511	1827	90523	1838	90527	1824	90529	1830	90533	1837	90547	1840
90583	1824	90599	1826	90617	1840	90619	1838	90631	1829	90641	1838	90647	1830	90659	1831
90677	1829	90679	1840	90697	1838	90703	1843	90709	1837	90731	1834	90749	1835	90787	1828
90793	1832	90803	1843	90821	1831	90823	1831	90833	1834	90841	1839	90847	1837	90863	1846
90887	1837	90901	1840	90907	1837	90911	1832	90917	1832	90931	1839	90947	1832	90971	1829
90977	1838	90989	1833	90997	1842	91009	1840	91019	1832	91033	1841	91079	1839	91081	1836
91097	1836	91099	1835	91121	1847	91127	1844	91129	1840	91139	1843	91141	1833	91151	1844
91153	1839	91159	1838	91163	1840	91183	1834	91193	1849	91199	1844	91229	1835	91237	1831
91243	1838	91249	1838	91253	1835	91283	1840	91291	1845	91297	1852	91303	1835	91309	1841
91331	1841	91367	1841	91369	1840	91373	1846	91381	1836	91387	1841	91393	1839	91397	1842
91411	1845	91423	1847	91433	1844	91453	1835	91457	1841	91459	1845	91463	1844	91493	1846
91499	1839	91513	1842	91529	1845	91541	1838	91571	1844	91573	1841	91577	1849	91583	1844

Table 4. Continue 20

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
91591	1847	91621	1845	91631	1845	91639	1840	91673	1843	91691	1850	91703	1847	91711	1843
91733	1849	91753	1849	91757	1836	91771	1856	91781	1845	91801	1852	91807	1852	91811	1856
91813	1852	91823	1855	91837	1850	91841	1845	91867	1841	91873	1847	91909	1841	91921	1844
91939	1842	91943	1849	91951	1848	91957	1854	91961	1851	91967	1850	91969	1852	91997	1857
92003	1842	92009	1854	92033	1844	92041	1844	92051	1845	92077	1854	92083	1853	92107	1852
92111	1841	92119	1850	92143	1860	92153	1841	92173	1850	92177	1853	92179	1849	92189	1846
92203	1856	92219	1847	92221	1854	92227	1845	92233	1856	92237	1852	92243	1856	92251	1849
92269	1851	92297	1846	92311	1847	92317	1844	92333	1852	92347	1859	92353	1861	92357	1860
92363	1853	92369	1851	92377	1860	92381	1851	92383	1845	92387	1857	92399	1854	92401	1864
92413	1851	92419	1848	92431	1852	92459	1861	92461	1854	92467	1851	92479	1856	92489	1864
92503	1858	92507	1858	92551	1847	92557	1855	92567	1840	92569	1865	92581	1854	92593	1854
92623	1859	92627	1855	92639	1861	92641	1857	92647	1856	92657	1863	92669	1848	92671	1856
92681	1858	92683	1867	92693	1865	92699	1864	92707	1848	92717	1854	92723	1859	92737	1863
92753	1856	92761	1859	92767	1856	92779	1851	92789	1863	92791	1851	92801	1854	92809	1864
92821	1861	92831	1862	92849	1855	92857	1864	92861	1858	92863	1866	92867	1859	92893	1858
92899	1858	92921	1860	92927	1862	92941	1866	92951	1863	92957	1869	92959	1856	92987	1868
92993	1863	93001	1867	93047	1854	93053	1858	93059	1854	93077	1869	93083	1858	93089	1867
93097	1859	93103	1863	93113	1863	93131	1855	93133	1858	93139	1867	93151	1861	93169	1861
93179	1864	93187	1865	93199	1853	93229	1865	93239	1860	93241	1867	93251	1863	93253	1859
93257	1864	93263	1869	93281	1863	93283	1871	93287	1856	93307	1859	93319	1872	93323	1865
93329	1872	93337	1870	93371	1866	93377	1861	93383	1864	93407	1850	93419	1868	93427	1871
93463	1874	93479	1868	93481	1859	93487	1863	93491	1859	93493	1871	93497	1862	93503	1867
93523	1865	93529	1863	93553	1870	93557	1863	93559	1873	93563	1861	93581	1868	93601	1864
93607	1873	93629	1862	93637	1866	93683	1876	93701	1866	93703	1873	93719	1872	93739	1866
93761	1855	93763	1866	93787	1872	93809	1873	93811	1867	93827	1867	93851	1867	93871	1869
93887	1873	93889	1870	93893	1873	93901	1874	93911	1872	93913	1864	93923	1873	93937	1871
93941	1868	93949	1865	93967	1874	93971	1870	93979	1868	93983	1871	93997	1865	94007	1875
94009	1867	94033	1860	94049	1864	94057	1871	94063	1872	94079	1874	94099	1881	94109	1877
94111	1875	94117	1864	94121	1877	94151	1868	94153	1868	94169	1875	94201	1870	94207	1875
94219	1875	94229	1872	94249	1866	94253	1877	94261	1875	94273	1882	94291	1867	94307	1873
94309	1879	94321	1884	94327	1878	94331	1874	94343	1879	94349	1874	94351	1871	94379	1872
94397	1877	94399	1883	94421	1876	94427	1882	94433	1874	94439	1878	94441	1875	94447	1871
94463	1873	94477	1888	94483	1876	94513	1875	94529	1878	94531	1870	94541	1872	94543	1873
94547	1874	94559	1879	94561	1891	94573	1877	94583	1876	94597	1872	94603	1876	94613	1877
94621	1880	94649	1877	94651	1884	94687	1881	94693	1875	94709	1868	94723	1882	94727	1879
94747	1879	94771	1884	94777	1882	94781	1876	94789	1869	94793	1892	94811	1885	94819	1882
94823	1882	94837	1887	94841	1881	94847	1885	94849	1875	94873	1874	94889	1889	94903	1890
94907	1877	94933	1871	94949	1878	94951	1878	94961	1877	94993	1890	94999	1881	95003	1883
95009	1879	95021	1877	95027	1878	95063	1886	95071	1879	95083	1882	95087	1890	95089	1900
95093	1876	95101	1881	95107	1887	95111	1886	95131	1890	95143	1888	95153	1883	95177	1884
95189	1895	95191	1890	95203	1879	95213	1880	95219	1887	95231	1889	95233	1882	95239	1885
95257	1882	95261	1882	95267	1877	95273	1882	95279	1888	95287	1882	95311	1885	95317	1893
95327	1881	95339	1893	95369	1892	95383	1892	95393	1887	95401	1889	95413	1879	95419	1888
95429	1881	95441	1891	95443	1896	95461	1888	95467	1882	95471	1885	95479	1886	95483	1888
95507	1902	95527	1890	95531	1884	95539	1887	95549	1889	95561	1897	95569	1891	95581	1883
95597	1890	95603	1891	95617	1896	95621	1883	95629	1893	95633	1879	95651	1886	95701	1897
95707	1880	95713	1884	95717	1891	95723	1882	95731	1885	95737	1895	95747	1885	95773	1887
95783	1889	95789	1898	95791	1894	95801	1905	95803	1893	95813	1895	95819	1891	95857	1893

Table 4. Continue 21

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
95869	1888	95873	1894	95881	1890	95891	1891	95911	1884	95917	1886	95923	1891	95929	1890
95947	1887	95957	1895	95959	1896	95971	1889	95987	1897	95989	1905	96001	1891	96013	1900
96017	1889	96043	1889	96053	1893	96059	1880	96079	1886	96097	1890	96137	1901	96149	1894
96157	1882	96167	1900	96179	1897	96181	1896	96199	1892	96211	1896	96221	1899	96223	1886
96233	1896	96259	1903	96263	1892	96269	1904	96281	1885	96289	1894	96293	1886	96323	1899
96329	1894	96331	1895	96337	1891	96353	1903	96377	1894	96401	1896	96419	1900	96431	1895
96443	1897	96451	1898	96457	1905	96461	1909	96469	1901	96479	1904	96487	1902	96493	1896
96497	1892	96517	1899	96527	1889	96553	1894	96557	1900	96581	1898	96587	1899	96589	1898
96601	1902	96643	1899	96661	1899	96667	1899	96671	1896	96697	1905	96703	1906	96721	1891
96731	1898	96737	1901	96739	1907	96749	1893	96757	1907	96763	1904	96769	1902	96779	1898
96787	1904	96797	1903	96799	1899	96821	1902	96823	1897	96827	1909	96847	1897	96851	1906
96857	1911	96893	1908	96907	1893	96911	1907	96931	1908	96953	1904	96959	1905	96973	1896
96979	1898	96989	1905	96997	1904	97001	1909	97003	1898	97007	1902	97021	1908	97039	1900
97073	1908	97081	1912	97103	1903	97117	1903	97127	1893	97151	1905	97157	1903	97159	1900
97169	1903	97171	1909	97177	1892	97187	1896	97213	1919	97231	1899	97241	1903	97259	1910
97283	1906	97301	1907	97303	1903	97327	1918	97367	1905	97369	1907	97373	1907	97379	1916
97381	1909	97387	1899	97397	1908	97423	1910	97429	1904	97441	1904	97453	1909	97459	1912
97463	1908	97499	1918	97501	1908	97511	1909	97523	1907	97547	1901	97549	1903	97553	1907
97561	1911	97571	1911	97577	1908	97579	1907	97583	1914	97607	1911	97609	1910	97613	1913
97649	1908	97651	1913	97673	1910	97687	1912	97711	1909	97729	1903	97771	1906	97777	1913
97787	1911	97789	1913	97813	1924	97829	1922	97841	1910	97843	1907	97847	1917	97849	1913
97859	1914	97861	1910	97871	1914	97879	1917	97883	1915	97919	1910	97927	1915	97931	1906
97943	1917	97961	1916	97967	1919	97969	1910	97973	1918	97987	1912	98009	1911	98011	1918
98017	1914	98041	1913	98047	1911	98057	1916	98081	1908	98101	1916	98123	1918	98129	1920
98143	1912	98179	1927	98207	1921	98213	1920	98221	1920	98227	1918	98251	1907	98257	1913
98269	1914	98297	1918	98299	1927	98317	1917	98321	1915	98323	1910	98327	1917	98347	1915
98369	1921	98377	1911	98387	1920	98389	1911	98407	1919	98411	1910	98419	1921	98429	1923
98443	1926	98453	1916	98459	1923	98467	1917	98473	1915	98479	1919	98491	1916	98507	1924
98519	1915	98533	1921	98543	1928	98561	1915	98563	1923	98573	1912	98597	1921	98621	1927
98627	1921	98639	1922	98641	1918	98663	1917	98669	1913	98689	1917	98711	1928	98713	1923
98717	1930	98729	1927	98731	1922	98737	1923	98773	1922	98779	1922	98801	1919	98807	1930
98809	1928	98837	1921	98849	1925	98867	1925	98869	1929	98873	1923	98887	1929	98893	1914
98897	1926	98899	1920	98909	1923	98911	1930	98927	1928	98929	1924	98939	1927	98947	1922
98953	1919	98963	1927	98981	1928	98993	1921	98999	1927	99013	1922	99017	1923	99023	1929
99041	1925	99053	1930	99079	1922	99083	1920	99089	1929	99103	1927	99109	1925	99119	1930
99131	1922	99133	1931	99137	1930	99139	1935	99149	1930	99173	1932	99181	1926	99191	1921
99223	1924	99233	1925	99241	1931	99251	1923	99257	1915	99259	1935	99277	1930	99289	1926
99317	1929	99347	1927	99349	1923	99367	1934	99371	1933	99377	1933	99391	1932	99397	1929
99401	1926	99409	1917	99431	1926	99439	1924	99469	1927	99487	1936	99497	1927	99523	1924
99527	1936	99529	1930	99551	1932	99559	1931	99563	1930	99571	1939	99577	1931	99581	1928
99607	1932	99611	1928	99623	1928	99643	1931	99661	1936	99667	1933	99679	1926	99689	1942
99707	1934	99709	1924	99713	1938	99719	1924	99721	1932	99733	1930	99761	1936	99767	1935
99787	1926	99793	1939	99809	1929	99817	1931	99823	1931	99829	1932	99833	1928	99839	1941
99859	1935	99871	1928	99877	1941	99881	1935	99901	1939	99907	1934	99923	1933	99929	1939
99961	1936	99971	1934	99989	1934	99991	1932								

Table 5. The sizes $t_2^L = t_2^L(2,q)$ of complete lexiarcs in planes PG$(2,q)$, $100001 \le q \le 301813$, q power prime

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
100003	1940	100019	1934	100043	1936	100049	1938	100057	1931	100069	1941	100103	1939
100109	1941	100129	1940	100151	1945	100153	1937	100169	1935	100183	1933	100189	1937
100193	1934	100207	1939	100213	1944	100237	1938	100267	1937	100271	1940	100279	1941
100291	1933	100297	1951	100313	1940	100333	1935	100343	1934	100357	1932	100361	1940
100363	1944	100379	1941	100391	1943	100393	1943	100403	1928	100411	1942	100417	1932
100447	1944	100459	1935	100469	1942	100483	1946	100489	1947	100493	1940	100501	1946
100511	1939	100517	1934	100519	1939	100523	1944	100537	1943	100547	1942	100549	1950
100559	1942	100591	1943	100609	1947	100613	1949	100621	1943	100649	1944	100669	1939
100673	1942	100693	1939	100699	1941	100703	1941	100733	1942	100741	1942	100747	1936
100769	1934	100787	1935	100799	1947	100801	1949	100811	1947	100823	1945	100829	1943
100847	1946	100853	1941	100907	1942	100913	1946	100927	1938	100931	1951	100937	1953
100943	1943	100957	1948	100981	1954	100987	1942	100999	1939	101009	1949	101021	1947
101027	1946	101051	1943	101063	1947	101081	1945	101089	1944	101107	1951	101111	1949
101113	1955	101117	1951	101119	1956	101141	1945	101149	1948	101159	1951	101161	1947
101173	1944	101183	1938	101197	1956	101203	1942	101207	1953	101209	1949	101221	1952
101267	1945	101273	1954	101279	1947	101281	1956	101287	1950	101293	1948	101323	1955
101333	1956	101341	1936	101347	1950	101359	1947	101363	1952	101377	1953	101383	1954
101399	1946	101411	1949	101419	1951	101429	1950	101449	1948	101467	1943	101477	1955
101483	1949	101489	1955	101501	1951	101503	1954	101513	1952	101527	1957	101531	1962
101533	1951	101537	1951	101561	1950	101573	1952	101581	1954	101599	1950	101603	1955
101611	1959	101627	1947	101641	1945	101653	1950	101663	1947	101681	1953	101693	1943
101701	1945	101719	1957	101723	1958	101737	1961	101741	1954	101747	1949	101749	1949
101771	1945	101789	1957	101797	1959	101807	1956	101833	1949	101837	1961	101839	1940
101863	1955	101869	1949	101873	1952	101879	1958	101891	1949	101917	1958	101921	1942
101929	1947	101939	1955	101957	1964	101963	1953	101977	1955	101987	1957	101999	1967
102001	1959	102013	1951	102019	1965	102023	1952	102031	1947	102043	1958	102059	1957
102061	1955	102071	1958	102077	1959	102079	1959	102101	1962	102103	1950	102107	1959
102121	1949	102139	1947	102149	1953	102161	1956	102181	1960	102191	1962	102197	1965
102199	1953	102203	1959	102217	1956	102229	1957	102233	1959	102241	1954	102251	1960
102253	1960	102259	1956	102293	1959	102299	1954	102301	1969	102317	1950	102329	1958
102337	1962	102359	1951	102367	1964	102397	1964	102407	1970	102409	1963	102433	1952
102437	1962	102451	1959	102461	1957	102481	1965	102497	1959	102499	1956	102503	1967
102523	1968	102533	1958	102539	1970	102547	1966	102551	1968	102559	1963	102563	1969
102587	1960	102593	1969	102607	1963	102611	1962	102643	1961	102647	1962	102653	1962
102667	1962	102673	1968	102677	1966	102679	1962	102701	1962	102761	1966	102763	1962
102769	1961	102793	1970	102797	1965	102811	1969	102829	1969	102841	1956	102859	1963
102871	1966	102877	1968	102881	1964	102911	1966	102913	1976	102929	1963	102931	1965
102953	1963	102967	1965	102983	1966	103001	1963	103007	1963	103043	1966	103049	1956
103067	1977	103069	1973	103079	1970	103087	1974	103091	1964	103093	1979	103099	1966
103123	1968	103141	1967	103171	1966	103177	1964	103183	1970	103217	1974	103231	1973
103237	1971	103289	1969	103291	1968	103307	1962	103319	1971	103333	1973	103349	1973
103357	1969	103387	1973	103391	1968	103393	1976	103399	1969	103409	1977	103421	1967
103423	1975	103451	1966	103457	1980	103471	1966	103483	1969	103511	1967	103529	1968
103549	1977	103553	1966	103561	1970	103567	1975	103573	1982	103577	1967	103583	1963
103591	1966	103613	1971	103619	1989	103643	1977	103651	1974	103657	1963	103669	1969
103681	1974	103687	1975	103699	1974	103703	1965	103723	1964	103769	1974	103787	1968
103801	1968	103811	1972	103813	1970	103823	1980	103837	1973	103841	1975	103843	1967
103867	1977	103889	1975	103903	1971	103913	1972	103919	1962	103951	1977	103963	1968

Table 5. Continue 1

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
103967	1976	103969	1978	103979	1971	103981	1982	103991	1975	103993	1989	103997	1973
104003	1969	104009	1975	104021	1984	104033	1990	104047	1983	104053	1970	104059	1973
104087	1980	104089	1980	104107	1975	104113	1976	104119	1977	104123	1985	104147	1982
104149	1988	104161	1981	104173	1984	104179	1987	104183	1978	104207	1987	104231	1978
104233	1981	104239	1991	104243	1985	104281	1982	104287	1983	104297	1986	104309	1983
104311	1974	104323	1990	104327	1985	104347	1981	104369	1977	104381	1983	104383	1984
104393	1979	104399	1983	104417	1988	104459	1979	104471	1979	104473	1984	104479	1984
104491	1985	104513	1981	104527	1973	104537	1993	104543	1983	104549	1988	104551	1978
104561	1990	104579	1980	104593	1973	104597	1988	104623	1990	104639	1990	104651	1986
104659	1980	104677	1988	104681	1988	104683	1981	104693	1980	104701	1984	104707	1984
104711	1979	104717	1987	104723	1990	104729	1983	104743	1980	104759	1975	104761	1989
104773	1991	104779	1991	104789	1987	104801	1983	104803	1981	104827	1991	104831	1991
104849	1990	104851	1995	104869	1982	104879	1993	104891	1987	104911	1987	104917	1983
104933	1992	104947	1988	104953	1985	104959	1977	104971	1988	104987	1982	104999	1978
105019	1991	105023	1997	105031	1989	105037	1989	105071	1985	105097	1989	105107	1990
105137	1987	105143	1998	105167	1998	105173	1993	105199	1991	105211	1987	105227	1988
105229	1994	105239	1987	105251	1998	105253	1990	105263	1982	105269	1998	105277	1984
105319	1993	105323	1993	105331	1984	105337	1988	105341	1991	105359	1998	105361	1989
105367	1990	105373	1988	105379	1994	105389	1991	105397	1997	105401	1997	105407	1992
105437	1999	105449	1987	105467	1996	105491	1987	105499	1992	105503	1998	105509	1993
105517	1993	105527	1999	105529	1989	105533	1987	105541	1987	105557	1999	105563	2002
105601	1998	105607	1992	105613	1991	105619	2000	105649	2000	105653	1987	105667	1998
105673	2004	105683	1995	105691	1999	105701	1989	105727	1990	105733	1989	105751	1996
105761	1991	105767	1989	105769	1986	105817	1987	105829	1987	105863	1998	105871	1988
105883	2005	105899	1996	105907	1987	105913	1999	105929	2004	105943	2001	105953	1996
105967	2003	105971	1989	105977	1993	105983	2004	105997	1992	106013	2005	106019	2003
106031	2004	106033	1997	106087	2003	106103	2001	106109	1995	106121	1999	106123	2004
106129	1998	106163	1999	106181	2002	106187	2004	106189	1997	106207	2003	106213	2002
106217	2002	106219	1992	106243	2018	106261	2005	106273	2001	106277	2003	106279	1999
106291	1992	106297	2005	106303	1999	106307	1993	106319	1999	106321	1994	106331	1996
106349	1994	106357	1986	106363	2000	106367	2000	106373	2001	106391	2004	106397	2001
106411	2009	106417	2006	106427	2005	106433	2008	106441	2004	106451	2005	106453	1997
106487	2008	106501	2012	106531	1993	106537	2009	106541	2006	106543	1999	106591	2009
106619	2007	106621	2021	106627	2002	106637	2000	106649	2011	106657	2005	106661	2012
106663	2008	106669	2011	106681	2003	106693	2009	106699	2006	106703	2003	106721	2003
106727	1997	106739	2003	106747	2008	106751	2001	106753	2010	106759	2006	106781	2006
106783	2010	106787	2004	106801	2004	106823	2011	106853	2011	106859	2002	106861	2016
106867	2007	106871	2003	106877	2018	106903	2001	106907	2005	106921	2006	106937	2003
106949	2009	106957	2013	106961	2003	106963	2003	106979	2001	106993	2014	107021	2013
107033	2004	107053	2019	107057	2022	107069	2007	107071	1999	107077	2007	107089	2009
107099	2017	107101	2011	107119	2012	107123	2007	107137	2005	107171	2009	107183	2012
107197	2013	107201	2006	107209	2010	107227	2002	107243	2006	107251	2009	107269	2010
107273	2010	107279	2007	107309	2015	107323	2016	107339	2015	107347	2009	107351	2022
107357	2004	107377	2010	107441	2010	107449	2010	107453	2011	107467	2012	107473	2015
107507	2015	107509	2004	107563	2014	107581	2019	107599	2018	107603	2013	107609	2015
107621	2019	107641	2016	107647	2007	107671	2015	107687	2004	107693	2017	107699	2019
107713	2011	107717	2010	107719	2006	107741	2019	107747	2003	107761	2008	107773	2015
107777	2020	107791	2017	107827	2020	107837	2021	107839	2013	107843	2019	107857	2022

Table 5. Continue 2

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
107867	2017	107873	2023	107881	2022	107897	2017	107903	2017	107923	2015	107927	2013
107941	2018	107951	2011	107971	2010	107981	2025	107999	2015	108007	2011	108011	2015
108013	2020	108023	2019	108037	2026	108041	2018	108061	2024	108079	2013	108089	2017
108107	2020	108109	2018	108127	2025	108131	2020	108139	2018	108161	2021	108179	2021
108187	2014	108191	2014	108193	2030	108203	2023	108211	2016	108217	2020	108223	2016
108233	2027	108247	2021	108263	2022	108271	2024	108287	2021	108289	2023	108293	2018
108301	2015	108343	2032	108347	2022	108359	2023	108377	2008	108379	2017	108401	2027
108413	2019	108421	2019	108439	2022	108457	2023	108461	2019	108463	2023	108497	2027
108499	2028	108503	2020	108517	2029	108529	2032	108533	2030	108541	2022	108553	2028
108557	2025	108571	2033	108587	2031	108631	2024	108637	2026	108643	2033	108649	2031
108677	2024	108707	2017	108709	2024	108727	2032	108739	2032	108751	2033	108761	2037
108769	2031	108791	2028	108793	2028	108799	2027	108803	2028	108821	2025	108827	2028
108863	2027	108869	2022	108877	2024	108881	2032	108883	2037	108887	2021	108893	2024
108907	2017	108917	2028	108923	2031	108929	2028	108943	2020	108947	2033	108949	2018
108959	2028	108961	2028	108967	2036	108971	2029	108991	2033	109001	2024	109013	2025
109037	2028	109049	2028	109063	2027	109073	2033	109097	2021	109103	2019	109111	2030
109121	2029	109133	2036	109139	2029	109141	2019	109147	2035	109159	2026	109169	2025
109171	2040	109199	2027	109201	2025	109211	2025	109229	2032	109253	2040	109267	2029
109279	2025	109297	2034	109303	2032	109313	2032	109321	2030	109331	2031	109357	2034
109363	2038	109367	2021	109379	2034	109387	2043	109391	2031	109397	2023	109423	2030
109433	2038	109441	2038	109451	2033	109453	2029	109469	2026	109471	2027	109481	2036
109507	2037	109517	2031	109519	2028	109537	2041	109541	2028	109547	2032	109561	2036
109567	2037	109579	2031	109583	2034	109589	2042	109597	2025	109609	2025	109619	2024
109621	2027	109639	2022	109661	2038	109663	2039	109673	2032	109717	2028	109721	2048
109741	2036	109751	2029	109789	2036	109793	2038	109807	2028	109819	2035	109829	2043
109831	2032	109841	2041	109843	2032	109847	2048	109849	2031	109859	2040	109873	2031
109883	2037	109891	2038	109897	2043	109903	2036	109913	2034	109919	2042	109937	2048
109943	2025	109961	2041	109987	2046	110017	2048	110023	2031	110039	2048	110051	2041
110059	2041	110063	2041	110069	2042	110083	2038	110119	2043	110129	2043	110161	2042
110183	2033	110221	2042	110233	2026	110237	2045	110251	2052	110261	2041	110269	2035
110273	2043	110281	2039	110291	2049	110311	2032	110321	2054	110323	2042	110339	2036
110359	2044	110419	2040	110431	2037	110437	2044	110441	2046	110459	2044	110477	2045
110479	2043	110491	2045	110501	2038	110503	2048	110527	2049	110533	2040	110543	2054
110557	2043	110563	2041	110567	2050	110569	2042	110573	2043	110581	2054	110587	2046
110597	2047	110603	2057	110609	2036	110623	2046	110629	2049	110641	2042	110647	2032
110651	2044	110681	2037	110711	2040	110729	2049	110731	2054	110749	2040	110753	2037
110771	2048	110777	2046	110807	2038	110813	2043	110819	2052	110821	2050	110849	2048
110863	2041	110879	2049	110881	2051	110899	2042	110909	2043	110917	2052	110921	2049
110923	2040	110927	2046	110933	2042	110939	2048	110947	2042	110951	2048	110969	2054
110977	2046	110989	2038	111029	2044	111031	2054	111043	2054	111049	2046	111053	2050
111091	2056	111103	2058	111109	2048	111119	2046	111121	2050	111127	2050	111143	2046
111149	2044	111187	2041	111191	2043	111211	2046	111217	2048	111227	2057	111229	2054
111253	2055	111263	2052	111269	2053	111271	2050	111301	2053	111317	2049	111323	2050
111337	2052	111341	2052	111347	2053	111373	2051	111409	2051	111427	2054	111431	2058
111439	2052	111443	2039	111467	2050	111487	2051	111491	2052	111493	2053	111497	2053
111509	2045	111521	2043	111533	2058	111539	2055	111577	2050	111581	2058	111593	2061
111599	2057	111611	2050	111623	2058	111637	2055	111641	2061	111653	2065	111659	2047
111667	2052	111697	2053	111721	2064	111731	2049	111733	2048	111751	2058	111767	2052

Table 5. Continue 3

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
111773	2058	111779	2054	111781	2060	111791	2057	111799	2066	111821	2050	111827	2053
111829	2057	111833	2058	111847	2055	111857	2055	111863	2057	111869	2057	111871	2068
111893	2054	111913	2065	111919	2058	111949	2059	111953	2051	111959	2067	111973	2048
111977	2058	111997	2061	112019	2052	112031	2056	112061	2065	112067	2069	112069	2062
112087	2058	112097	2060	112103	2053	112111	2047	112121	2055	112129	2049	112139	2056
112153	2054	112163	2056	112181	2062	112199	2060	112207	2054	112213	2065	112223	2058
112237	2060	112241	2063	112247	2056	112249	2069	112253	2061	112261	2049	112279	2069
112289	2066	112291	2052	112297	2055	112303	2065	112327	2065	112331	2061	112337	2065
112339	2058	112349	2067	112361	2065	112363	2056	112397	2061	112403	2069	112429	2066
112459	2061	112481	2060	112501	2058	112507	2063	112543	2062	112559	2064	112571	2059
112573	2056	112577	2058	112583	2060	112589	2068	112601	2060	112603	2066	112621	2061
112643	2060	112657	2072	112663	2063	112687	2050	112691	2077	112741	2072	112757	2077
112759	2072	112771	2077	112787	2072	112799	2065	112807	2062	112831	2072	112843	2067
112859	2072	112877	2062	112901	2069	112909	2075	112913	2064	112919	2066	112921	2077
112927	2065	112939	2068	112951	2065	112967	2056	112979	2069	112997	2068	113011	2072
113017	2065	113021	2077	113023	2071	113027	2074	113039	2073	113041	2064	113051	2079
113063	2064	113081	2070	113083	2071	113089	2063	113093	2064	113111	2071	113117	2075
113123	2066	113131	2068	113143	2065	113147	2065	113149	2063	113153	2075	113159	2065
113161	2069	113167	2073	113171	2079	113173	2074	113177	2068	113189	2073	113209	2080
113213	2067	113227	2068	113233	2077	113279	2065	113287	2068	113327	2072	113329	2070
113341	2074	113357	2075	113359	2072	113363	2078	113371	2074	113381	2067	113383	2069
113417	2069	113437	2075	113453	2068	113467	2068	113489	2067	113497	2073	113501	2075
113513	2074	113537	2075	113539	2086	113557	2075	113567	2074	113569	2087	113591	2076
113621	2070	113623	2072	113647	2063	113657	2080	113683	2078	113717	2061	113719	2074
113723	2073	113731	2079	113749	2068	113759	2069	113761	2070	113777	2075	113779	2078
113783	2077	113797	2073	113809	2076	113819	2067	113837	2077	113843	2083	113891	2080
113899	2087	113903	2082	113909	2078	113921	2082	113933	2080	113947	2067	113957	2084
113963	2081	113969	2075	113983	2072	113989	2076	114001	2078	114013	2074	114031	2081
114041	2089	114043	2077	114067	2079	114073	2082	114077	2077	114083	2070	114089	2077
114113	2073	114143	2079	114157	2079	114161	2079	114167	2080	114193	2091	114197	2088
114199	2086	114203	2072	114217	2077	114221	2085	114229	2074	114259	2079	114269	2085
114277	2090	114281	2079	114299	2083	114311	2072	114319	2082	114329	2086	114343	2080
114371	2072	114377	2081	114407	2079	114419	2084	114451	2082	114467	2088	114473	2087
114479	2085	114487	2082	114493	2088	114547	2084	114553	2089	114571	2088	114577	2086
114593	2081	114599	2076	114601	2080	114613	2087	114617	2083	114641	2090	114643	2078
114649	2086	114659	2072	114661	2081	114671	2090	114679	2085	114689	2077	114691	2085
114713	2083	114743	2088	114749	2092	114757	2093	114761	2072	114769	2094	114773	2085
114781	2093	114797	2080	114799	2078	114809	2091	114827	2078	114833	2083	114847	2090
114859	2093	114883	2092	114889	2083	114901	2093	114913	2093	114941	2094	114967	2093
114973	2087	114997	2090	115001	2081	115013	2082	115019	2081	115021	2094	115057	2094
115061	2092	115067	2089	115079	2078	115099	2087	115117	2093	115123	2082	115127	2098
115133	2096	115151	2101	115153	2095	115163	2094	115183	2090	115201	2098	115211	2090
115223	2083	115237	2101	115249	2092	115259	2089	115279	2102	115301	2094	115303	2093
115309	2086	115319	2098	115321	2096	115327	2092	115331	2090	115337	2090	115343	2089
115361	2089	115363	2086	115399	2084	115421	2090	115429	2099	115459	2094	115469	2093
115471	2092	115499	2094	115513	2097	115523	2085	115547	2097	115553	2095	115561	2088
115571	2092	115589	2096	115597	2098	115601	2085	115603	2092	115613	2097	115631	2090
115637	2096	115657	2096	115663	2100	115679	2094	115693	2093	115727	2098	115733	2095

Table 5. Continue 4

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
115741	2086	115751	2099	115757	2090	115763	2097	115769	2093	115771	2108	115777	2103
115781	2100	115783	2099	115793	2093	115807	2090	115811	2096	115823	2092	115831	2098
115837	2091	115849	2089	115853	2096	115859	2100	115861	2103	115873	2097	115877	2100
115879	2095	115883	2098	115891	2101	115901	2092	115903	2093	115931	2100	115933	2103
115963	2102	115979	2094	115981	2104	115987	2108	116009	2102	116027	2092	116041	2105
116047	2097	116089	2103	116099	2094	116101	2097	116107	2092	116113	2089	116131	2094
116141	2096	116159	2105	116167	2101	116177	2103	116189	2099	116191	2100	116201	2107
116239	2108	116243	2110	116257	2102	116269	2098	116273	2100	116279	2113	116293	2100
116329	2099	116341	2108	116351	2098	116359	2092	116371	2102	116381	2105	116387	2097
116411	2104	116423	2093	116437	2105	116443	2109	116447	2101	116461	2102	116471	2111
116483	2101	116491	2102	116507	2105	116531	2099	116533	2094	116537	2098	116539	2113
116549	2106	116579	2107	116593	2108	116639	2106	116657	2106	116663	2104	116681	2104
116687	2109	116689	2100	116707	2114	116719	2113	116731	2106	116741	2114	116747	2104
116789	2101	116791	2101	116797	2100	116803	2095	116819	2118	116827	2106	116833	2096
116849	2108	116867	2106	116881	2108	116903	2104	116911	2104	116923	2103	116927	2111
116929	2111	116933	2102	116953	2111	116959	2116	116969	2106	116981	2108	116989	2108
116993	2107	117017	2108	117023	2108	117037	2098	117041	2115	117043	2113	117053	2109
117071	2114	117101	2106	117109	2109	117119	2108	117127	2115	117133	2104	117163	2114
117167	2106	117191	2112	117193	2109	117203	2100	117209	2118	117223	2109	117239	2114
117241	2109	117251	2103	117259	2122	117269	2107	117281	2107	117307	2119	117319	2111
117329	2110	117331	2114	117353	2106	117361	2116	117371	2112	117373	2109	117389	2110
117413	2109	117427	2099	117431	2101	117437	2112	117443	2114	117497	2104	117499	2114
117503	2111	117511	2116	117517	2113	117529	2108	117539	2120	117541	2110	117563	2108
117571	2120	117577	2119	117617	2123	117619	2112	117643	2114	117649	2119	117659	2111
117671	2117	117673	2117	117679	2105	117701	2114	117703	2119	117709	2116	117721	2121
117727	2113	117731	2123	117751	2111	117757	2105	117763	2105	117773	2118	117779	2118
117787	2122	117797	2113	117809	2109	117811	2116	117833	2110	117839	2111	117841	2101
117851	2106	117877	2111	117881	2099	117883	2115	117889	2117	117899	2112	117911	2121
117917	2115	117937	2117	117959	2120	117973	2121	117977	2115	117979	2124	117989	2122
117991	2117	118033	2115	118037	2126	118043	2114	118051	2121	118057	2127	118061	2125
118081	2119	118093	2119	118127	2128	118147	2120	118163	2126	118169	2107	118171	2119
118189	2124	118211	2122	118213	2126	118219	2120	118247	2120	118249	2113	118253	2122
118259	2133	118273	2110	118277	2116	118297	2109	118343	2130	118361	2114	118369	2113
118373	2124	118387	2111	118399	2115	118409	2125	118411	2121	118423	2121	118429	2128
118453	2113	118457	2114	118463	2120	118471	2126	118493	2134	118529	2114	118543	2126
118549	2116	118571	2119	118583	2118	118589	2121	118603	2118	118619	2120	118621	2115
118633	2122	118661	2134	118669	2128	118673	2120	118681	2120	118687	2123	118691	2123
118709	2122	118717	2125	118739	2123	118747	2123	118751	2127	118757	2133	118787	2125
118799	2128	118801	2127	118819	2122	118831	2133	118843	2113	118861	2117	118873	2129
118891	2134	118897	2125	118901	2125	118903	2122	118907	2130	118913	2129	118927	2128
118931	2140	118967	2125	118973	2135	119027	2127	119033	2136	119039	2120	119047	2136
119057	2117	119069	2138	119083	2129	119087	2127	119089	2129	119099	2116	119101	2125
119107	2132	119129	2130	119131	2120	119159	2130	119173	2122	119179	2125	119183	2127
119191	2130	119227	2125	119233	2130	119237	2140	119243	2130	119267	2142	119291	2124
119293	2128	119297	2125	119299	2118	119311	2134	119321	2128	119359	2135	119363	2122
119389	2136	119417	2129	119419	2127	119429	2139	119447	2133	119489	2131	119503	2127
119513	2140	119533	2131	119549	2137	119551	2130	119557	2129	119563	2138	119569	2128
119591	2132	119611	2132	119617	2126	119627	2139	119633	2133	119653	2125	119657	2138

Table 5. Continue 5

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
119659	2135	119671	2133	119677	2135	119687	2137	119689	2134	119699	2128	119701	2132
119723	2127	119737	2134	119747	2126	119759	2127	119771	2137	119773	2146	119783	2142
119797	2142	119809	2125	119813	2138	119827	2138	119831	2131	119839	2134	119849	2136
119851	2133	119869	2133	119881	2136	119891	2139	119921	2131	119923	2141	119929	2140
119953	2124	119963	2138	119971	2137	119981	2147	119983	2138	119993	2140	120011	2144
120017	2135	120041	2143	120047	2134	120049	2139	120067	2140	120077	2140	120079	2129
120091	2139	120097	2132	120103	2139	120121	2139	120157	2139	120163	2144	120167	2133
120181	2140	120193	2140	120199	2141	120209	2145	120223	2145	120233	2139	120247	2144
120277	2140	120283	2144	120293	2151	120299	2145	120319	2141	120331	2137	120349	2152
120371	2143	120383	2148	120391	2136	120397	2133	120401	2141	120409	2132	120413	2134
120427	2148	120431	2142	120473	2142	120503	2138	120511	2142	120539	2147	120551	2143
120557	2146	120563	2150	120569	2145	120577	2150	120587	2152	120607	2155	120619	2144
120623	2150	120641	2150	120647	2133	120661	2148	120671	2137	120677	2140	120689	2144
120691	2147	120709	2142	120713	2147	120721	2150	120737	2149	120739	2140	120749	2146
120763	2155	120767	2143	120779	2143	120811	2147	120817	2140	120823	2146	120829	2149
120833	2140	120847	2138	120851	2136	120863	2146	120871	2150	120877	2138	120889	2154
120899	2154	120907	2135	120917	2147	120919	2143	120929	2154	120937	2149	120941	2145
120943	2136	120947	2145	120977	2146	120997	2141	121001	2151	121007	2149	121013	2152
121019	2145	121021	2157	121039	2152	121061	2155	121063	2153	121067	2146	121081	2138
121123	2150	121139	2143	121151	2147	121157	2142	121169	2155	121171	2146	121181	2146
121189	2145	121229	2151	121259	2149	121267	2146	121271	2160	121283	2155	121291	2141
121309	2157	121313	2145	121321	2152	121327	2148	121333	2143	121343	2146	121349	2144
121351	2156	121357	2153	121367	2144	121369	2140	121379	2141	121403	2155	121421	2159
121439	2148	121441	2148	121447	2154	121453	2151	121469	2152	121487	2160	121493	2149
121501	2150	121507	2157	121523	2163	121531	2150	121547	2154	121553	2159	121559	2159
121571	2146	121577	2149	121579	2154	121591	2150	121607	2151	121609	2152	121621	2152
121631	2162	121633	2156	121637	2153	121661	2148	121687	2146	121697	2159	121711	2155
121721	2150	121727	2161	121763	2148	121787	2160	121789	2157	121801	2149	121843	2155
121853	2150	121867	2158	121883	2168	121889	2155	121909	2151	121921	2157	121931	2153
121937	2158	121949	2155	121951	2160	121963	2155	121967	2161	121993	2156	121997	2159
122011	2155	122021	2163	122027	2154	122029	2155	122033	2162	122039	2162	122041	2150
122051	2160	122053	2163	122069	2154	122081	2157	122099	2151	122117	2155	122131	2156
122147	2154	122149	2154	122167	2156	122173	2159	122201	2160	122203	2154	122207	2165
122209	2164	122219	2155	122231	2166	122251	2156	122263	2159	122267	2165	122273	2157
122279	2153	122299	2170	122321	2160	122323	2170	122327	2159	122347	2166	122363	2160
122387	2154	122389	2162	122393	2160	122399	2148	122401	2160	122443	2163	122449	2166
122453	2165	122471	2162	122477	2156	122489	2157	122497	2170	122501	2164	122503	2159
122509	2151	122527	2165	122533	2161	122557	2168	122561	2160	122579	2157	122597	2158
122599	2166	122609	2161	122611	2152	122651	2165	122653	2162	122663	2162	122693	2164
122701	2157	122719	2162	122741	2165	122743	2164	122753	2169	122761	2164	122777	2165
122789	2155	122819	2159	122827	2175	122833	2164	122839	2161	122849	2171	122861	2166
122867	2166	122869	2159	122887	2162	122891	2168	122921	2157	122929	2168	122939	2161
122953	2158	122957	2160	122963	2164	122971	2174	123001	2167	123007	2164	123017	2168
123031	2161	123049	2165	123059	2169	123077	2164	123083	2171	123091	2173	123113	2172
123121	2163	123127	2166	123143	2164	123169	2169	123191	2164	123203	2165	123209	2167
123217	2174	123229	2168	123239	2169	123259	2154	123269	2170	123289	2163	123307	2183
123311	2168	123323	2165	123341	2167	123373	2163	123377	2165	123379	2171	123397	2162
123401	2174	123407	2164	123419	2172	123427	2175	123433	2171	123439	2174	123449	2172

Table 5. Continue 6

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
123457	2164	123479	2178	123491	2171	123493	2173	123499	2166	123503	2173	123517	2177
123527	2172	123547	2166	123551	2171	123553	2168	123581	2180	123583	2161	123593	2176
123601	2177	123619	2170	123631	2175	123637	2163	123653	2166	123661	2182	123667	2169
123677	2185	123701	2168	123707	2167	123719	2179	123727	2172	123731	2169	123733	2177
123737	2171	123757	2186	123787	2182	123791	2179	123803	2180	123817	2174	123821	2179
123829	2174	123833	2182	123853	2170	123863	2178	123887	2169	123911	2170	123923	2162
123931	2174	123941	2168	123953	2179	123973	2179	123979	2176	123983	2173	123989	2171
123997	2174	124001	2168	124021	2176	124067	2180	124087	2188	124097	2180	124121	2173
124123	2182	124133	2175	124139	2170	124147	2183	124153	2171	124171	2175	124181	2180
124183	2174	124193	2183	124199	2167	124213	2174	124231	2173	124247	2182	124249	2170
124277	2184	124291	2178	124297	2176	124301	2178	124303	2173	124309	2180	124337	2179
124339	2175	124343	2175	124349	2179	124351	2179	124363	2181	124367	2179	124427	2171
124429	2185	124433	2174	124447	2176	124459	2179	124471	2182	124477	2180	124489	2182
124493	2183	124513	2177	124529	2179	124541	2177	124543	2178	124561	2179	124567	2182
124577	2175	124601	2183	124609	2184	124633	2185	124643	2186	124669	2184	124673	2175
124679	2180	124693	2172	124699	2175	124703	2183	124717	2186	124721	2190	124739	2179
124753	2190	124759	2174	124769	2183	124771	2178	124777	2177	124781	2190	124783	2179
124793	2188	124799	2192	124819	2184	124823	2190	124847	2184	124853	2181	124897	2183
124907	2184	124909	2189	124919	2181	124951	2179	124979	2185	124981	2179	124987	2181
124991	2187	125003	2184	125017	2186	125029	2192	125053	2186	125063	2182	125093	2185
125101	2184	125107	2188	125113	2179	125117	2180	125119	2181	125131	2191	125141	2194
125149	2191	125183	2192	125197	2191	125201	2189	125207	2198	125219	2195	125221	2176
125231	2185	125243	2183	125261	2189	125269	2186	125287	2192	125299	2180	125303	2186
125311	2192	125329	2190	125339	2192	125353	2184	125371	2193	125383	2190	125387	2190
125399	2179	125407	2189	125423	2185	125429	2186	125441	2190	125453	2197	125471	2187
125497	2190	125507	2194	125509	2193	125527	2184	125539	2189	125551	2190	125591	2187
125597	2185	125617	2189	125621	2190	125627	2200	125639	2193	125641	2198	125651	2193
125659	2191	125669	2194	125683	2192	125687	2192	125693	2194	125707	2195	125711	2179
125717	2183	125731	2198	125737	2190	125743	2200	125753	2183	125777	2201	125789	2185
125791	2195	125803	2193	125813	2199	125821	2177	125863	2190	125887	2194	125897	2195
125899	2195	125921	2202	125927	2189	125929	2194	125933	2199	125941	2193	125959	2197
125963	2193	126001	2193	126011	2187	126013	2196	126019	2193	126023	2198	126031	2200
126037	2208	126041	2195	126047	2197	126067	2195	126079	2200	126097	2194	126107	2181
126127	2201	126131	2197	126143	2201	126151	2205	126173	2195	126199	2197	126211	2196
126223	2202	126227	2207	126229	2200	126233	2180	126241	2199	126257	2195	126271	2202
126307	2203	126311	2199	126317	2203	126323	2190	126337	2199	126341	2192	126349	2203
126359	2206	126397	2195	126421	2203	126433	2198	126443	2202	126457	2193	126461	2194
126473	2196	126481	2196	126487	2196	126491	2207	126493	2212	126499	2191	126517	2199
126541	2200	126547	2197	126551	2197	126583	2196	126601	2201	126611	2199	126613	2195
126631	2193	126641	2198	126653	2202	126683	2206	126691	2199	126703	2199	126713	2198
126719	2202	126733	2206	126739	2207	126743	2200	126751	2198	126757	2201	126761	2204
126781	2211	126823	2205	126827	2209	126839	2202	126851	2199	126857	2207	126859	2188
126913	2202	126923	2205	126943	2201	126949	2198	126961	2213	126967	2205	126989	2205
127031	2203	127033	2206	127037	2201	127051	2202	127079	2203	127081	2209	127103	2204
127123	2201	127133	2201	127139	2212	127157	2200	127163	2200	127189	2201	127207	2202
127217	2205	127219	2200	127241	2213	127247	2205	127249	2208	127261	2209	127271	2211
127277	2200	127289	2206	127291	2206	127297	2211	127301	2206	127321	2202	127331	2207
127343	2210	127363	2210	127373	2205	127399	2206	127403	2208	127423	2210	127447	2209

Table 5. Continue 7

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
127453	2212	127481	2212	127487	2210	127493	2209	127507	2217	127529	2208	127541	2205
127549	2218	127579	2212	127583	2208	127591	2208	127597	2216	127601	2208	127607	2219
127609	2214	127637	2216	127643	2208	127649	2211	127657	2209	127663	2213	127669	2216
127679	2211	127681	2209	127691	2219	127703	2203	127709	2211	127711	2213	127717	2221
127727	2212	127733	2207	127739	2208	127747	2213	127763	2203	127781	2211	127807	2209
127817	2212	127819	2220	127837	2219	127843	2201	127849	2210	127859	2218	127867	2208
127873	2214	127877	2214	127913	2215	127921	2202	127931	2211	127951	2213	127973	2220
127979	2223	127997	2216	128021	2208	128033	2215	128047	2206	128053	2218	128099	2211
128111	2213	128113	2221	128119	2216	128147	2216	128153	2220	128159	2218	128173	2219
128189	2223	128201	2216	128203	2224	128213	2216	128221	2221	128237	2208	128239	2206
128257	2213	128273	2210	128287	2215	128291	2229	128311	2222	128321	2216	128327	2216
128339	2213	128341	2217	128347	2215	128351	2215	128377	2215	128389	2229	128393	2221
128399	2217	128411	2214	128413	2225	128431	2208	128437	2234	128449	2215	128461	2221
128467	2216	128473	2221	128477	2222	128483	2216	128489	2207	128509	2223	128519	2225
128521	2224	128549	2231	128551	2217	128563	2218	128591	2220	128599	2219	128603	2211
128621	2212	128629	2225	128657	2220	128659	2220	128663	2226	128669	2220	128677	2235
128683	2230	128693	2223	128717	2214	128747	2220	128749	2228	128761	2232	128767	2222
128813	2218	128819	2227	128831	2214	128833	2222	128837	2220	128857	2228	128861	2226
128873	2224	128879	2223	128881	2214	128903	2226	128923	2220	128939	2219	128941	2231
128951	2220	128959	2211	128969	2221	128971	2219	128981	2230	128983	2215	128987	2221
128993	2221	129001	2224	129011	2215	129023	2230	129037	2232	129049	2217	129061	2220
129083	2229	129089	2225	129097	2228	129113	2220	129119	2227	129121	2221	129127	2226
129169	2231	129187	2227	129193	2232	129197	2222	129209	2217	129221	2224	129223	2222
129229	2224	129263	2218	129277	2220	129281	2229	129287	2222	129289	2218	129293	2224
129313	2228	129341	2223	129347	2230	129361	2224	129379	2232	129401	2236	129403	2223
129419	2240	129439	2228	129443	2223	129449	2227	129457	2213	129461	2228	129469	2233
129491	2221	129497	2227	129499	2228	129509	2223	129517	2223	129527	2228	129529	2231
129533	2232	129539	2234	129553	2224	129581	2232	129587	2234	129589	2228	129593	2232
129607	2238	129629	2228	129631	2222	129641	2224	129643	2230	129671	2233	129707	2230
129719	2232	129733	2228	129737	2238	129749	2221	129757	2232	129763	2232	129769	2234
129793	2229	129803	2240	129841	2229	129853	2225	129887	2222	129893	2227	129901	2231
129917	2236	129919	2227	129937	2237	129953	2232	129959	2229	129967	2219	129971	2241
130003	2231	130021	2226	130027	2226	130043	2240	130051	2232	130057	2229	130069	2238
130073	2238	130079	2239	130087	2241	130099	2237	130121	2240	130127	2233	130147	2237
130171	2238	130183	2235	130199	2235	130201	2233	130211	2231	130223	2233	130241	2234
130253	2230	130259	2238	130261	2234	130267	2244	130279	2229	130303	2237	130307	2228
130321	2231	130337	2234	130343	2235	130349	2234	130363	2234	130367	2236	130369	2231
130379	2234	130399	2237	130409	2240	130411	2238	130423	2244	130439	2238	130447	2229
130457	2226	130469	2229	130477	2235	130483	2231	130489	2236	130513	2235	130517	2230
130523	2229	130531	2237	130547	2247	130553	2229	130579	2238	130589	2253	130619	2233
130621	2239	130631	2238	130633	2239	130639	2230	130643	2228	130649	2231	130651	2236
130657	2237	130681	2233	130687	2235	130693	2236	130699	2246	130729	2227	130769	2237
130783	2230	130787	2247	130807	2235	130811	2240	130817	2248	130829	2240	130841	2246
130843	2254	130859	2234	130873	2234	130927	2240	130957	2229	130969	2238	130973	2252
130981	2243	130987	2239	131009	2244	131011	2234	131023	2244	131041	2243	131059	2243
131063	2242	131071	2242	131072	2240	131101	2244	131111	2239	131113	2242	131129	2237
131143	2244	131149	2247	131171	2249	131203	2240	131213	2249	131221	2243	131231	2239
131249	2245	131251	2232	131267	2237	131293	2236	131297	2238	131303	2244	131311	2253

Table 5. Continue 8

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
131317	2244	131321	2238	131357	2252	131363	2240	131371	2246	131381	2239	131413	2258
131431	2250	131437	2251	131441	2247	131447	2242	131449	2250	131477	2258	131479	2245
131489	2247	131497	2239	131501	2249	131507	2244	131519	2236	131543	2249	131561	2249
131581	2252	131591	2252	131611	2249	131617	2235	131627	2243	131639	2251	131641	2244
131671	2241	131687	2244	131701	2245	131707	2240	131711	2252	131713	2248	131731	2248
131743	2242	131749	2250	131759	2252	131771	2235	131777	2243	131779	2250	131783	2247
131797	2247	131837	2243	131839	2246	131849	2249	131861	2254	131891	2252	131893	2241
131899	2247	131909	2244	131927	2251	131933	2248	131939	2249	131941	2246	131947	2250
131959	2255	131969	2255	132001	2262	132019	2258	132047	2254	132049	2254	132059	2254
132071	2253	132103	2250	132109	2247	132113	2249	132137	2246	132151	2260	132157	2247
132169	2244	132173	2246	132199	2255	132229	2248	132233	2253	132241	2253	132247	2249
132257	2254	132263	2254	132283	2256	132287	2249	132299	2263	132313	2249	132329	2261
132331	2256	132347	2257	132361	2257	132367	2264	132371	2256	132383	2259	132403	2260
132409	2254	132421	2247	132437	2254	132439	2245	132469	2248	132491	2257	132499	2266
132511	2257	132523	2254	132527	2260	132529	2257	132533	2248	132541	2251	132547	2250
132589	2258	132607	2258	132611	2253	132619	2250	132623	2255	132631	2263	132637	2272
132647	2260	132661	2257	132667	2251	132679	2256	132689	2258	132697	2259	132701	2245
132707	2255	132709	2266	132721	2248	132739	2256	132749	2251	132751	2266	132757	2258
132761	2260	132763	2262	132817	2253	132833	2259	132851	2256	132857	2264	132859	2257
132863	2249	132887	2254	132893	2261	132911	2258	132929	2261	132947	2257	132949	2265
132953	2263	132961	2260	132967	2250	132971	2249	132989	2251	133013	2259	133033	2265
133039	2261	133051	2267	133069	2256	133073	2261	133087	2258	133097	2261	133103	2270
133109	2261	133117	2268	133121	2251	133153	2264	133157	2262	133169	2262	133183	2265
133187	2266	133201	2257	133213	2265	133241	2248	133253	2271	133261	2267	133271	2248
133277	2259	133279	2262	133283	2258	133303	2275	133319	2262	133321	2259	133327	2262
133337	2261	133349	2267	133351	2272	133379	2256	133387	2256	133391	2262	133403	2260
133417	2256	133439	2269	133447	2257	133451	2254	133481	2268	133493	2253	133499	2268
133519	2276	133541	2268	133543	2268	133559	2254	133571	2263	133583	2274	133597	2261
133631	2266	133633	2267	133649	2265	133657	2264	133669	2263	133673	2275	133691	2264
133697	2271	133709	2276	133711	2263	133717	2269	133723	2259	133733	2270	133769	2257
133781	2257	133801	2267	133811	2272	133813	2278	133831	2274	133843	2272	133853	2270
133873	2269	133877	2268	133919	2259	133949	2271	133963	2271	133967	2271	133979	2268
133981	2267	133993	2265	133999	2274	134033	2258	134039	2268	134047	2273	134053	2278
134059	2276	134077	2276	134081	2277	134087	2268	134089	2274	134093	2277	134129	2272
134153	2277	134161	2272	134171	2273	134177	2263	134191	2266	134207	2277	134213	2271
134219	2275	134227	2266	134243	2274	134257	2279	134263	2273	134269	2268	134287	2272
134291	2277	134293	2269	134327	2274	134333	2271	134339	2271	134341	2260	134353	2272
134359	2269	134363	2277	134369	2283	134371	2268	134399	2282	134401	2279	134417	2270
134437	2274	134443	2265	134471	2274	134489	2277	134503	2277	134507	2268	134513	2275
134581	2282	134587	2274	134591	2280	134593	2277	134597	2279	134609	2274	134639	2271
134669	2280	134677	2262	134681	2274	134683	2269	134689	2272	134699	2270	134707	2262
134731	2274	134741	2274	134753	2282	134777	2273	134789	2274	134807	2274	134837	2280
134839	2280	134851	2280	134857	2270	134867	2281	134873	2284	134887	2275	134909	2274
134917	2274	134921	2279	134923	2285	134947	2285	134951	2273	134989	2273	134999	2272
135007	2273	135017	2276	135019	2279	135029	2276	135043	2278	135049	2275	135059	2280
135077	2278	135089	2277	135101	2285	135119	2284	135131	2276	135151	2273	135173	2263
135181	2279	135193	2282	135197	2289	135209	2275	135211	2278	135221	2289	135241	2281
135257	2291	135271	2274	135277	2274	135281	2273	135283	2297	135301	2281	135319	2276

Table 5. Continue 9

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
135329	2273	135347	2286	135349	2278	135353	2277	135367	2285	135389	2287	135391	2280
135403	2292	135409	2271	135427	2285	135431	2285	135433	2271	135449	2290	135461	2282
135463	2280	135467	2288	135469	2284	135479	2280	135497	2277	135511	2285	135533	2281
135559	2275	135571	2285	135581	2279	135589	2280	135593	2278	135599	2285	135601	2278
135607	2288	135613	2282	135617	2279	135623	2284	135637	2282	135647	2282	135649	2277
135661	2289	135671	2291	135697	2278	135701	2278	135719	2285	135721	2285	135727	2287
135731	2279	135743	2285	135757	2282	135781	2286	135787	2279	135799	2283	135829	2282
135841	2283	135851	2279	135859	2287	135887	2290	135893	2288	135899	2285	135911	2290
135913	2285	135929	2290	135937	2295	135977	2287	135979	2289	136013	2285	136027	2282
136033	2294	136043	2292	136057	2292	136067	2295	136069	2291	136093	2278	136099	2299
136111	2296	136133	2290	136139	2286	136163	2280	136177	2299	136189	2283	136193	2282
136207	2283	136217	2290	136223	2288	136237	2293	136247	2287	136261	2285	136273	2282
136277	2295	136303	2282	136309	2297	136319	2294	136327	2283	136333	2284	136337	2284
136343	2291	136351	2292	136361	2293	136373	2292	136379	2283	136393	2283	136397	2291
136399	2291	136403	2293	136417	2291	136421	2296	136429	2284	136447	2290	136453	2282
136463	2289	136471	2291	136481	2292	136483	2293	136501	2283	136511	2294	136519	2294
136523	2296	136531	2292	136537	2292	136541	2283	136547	2300	136559	2291	136573	2281
136601	2299	136603	2292	136607	2291	136621	2289	136649	2294	136651	2294	136657	2296
136691	2291	136693	2299	136709	2291	136711	2311	136727	2292	136733	2288	136739	2297
136751	2296	136753	2297	136769	2292	136777	2292	136811	2286	136813	2285	136841	2298
136849	2287	136859	2298	136861	2295	136879	2298	136883	2283	136889	2300	136897	2290
136943	2304	136949	2293	136951	2288	136963	2300	136973	2300	136979	2296	136987	2299
136991	2304	136993	2293	136999	2285	137029	2289	137077	2289	137087	2293	137089	2296
137117	2300	137119	2297	137131	2289	137143	2293	137147	2294	137153	2290	137177	2296
137183	2308	137191	2313	137197	2296	137201	2292	137209	2310	137219	2296	137239	2310
137251	2294	137273	2301	137279	2304	137303	2303	137321	2306	137339	2297	137341	2299
137353	2302	137359	2289	137363	2299	137369	2304	137383	2299	137387	2298	137393	2313
137399	2296	137413	2309	137437	2298	137443	2299	137447	2295	137453	2298	137477	2308
137483	2309	137491	2304	137507	2311	137519	2300	137537	2303	137567	2299	137573	2306
137587	2299	137593	2295	137597	2304	137623	2304	137633	2309	137639	2301	137653	2304
137659	2307	137699	2303	137707	2299	137713	2296	137723	2305	137737	2297	137743	2305
137771	2307	137777	2306	137791	2319	137803	2286	137827	2305	137831	2302	137849	2297
137867	2305	137869	2306	137873	2307	137909	2308	137911	2309	137927	2308	137933	2308
137941	2306	137947	2310	137957	2308	137983	2309	137993	2312	137999	2305	138007	2313
138041	2301	138053	2300	138059	2312	138071	2308	138077	2312	138079	2308	138101	2308
138107	2301	138113	2314	138139	2308	138143	2306	138157	2305	138163	2314	138179	2313
138181	2309	138191	2319	138197	2304	138209	2320	138239	2311	138241	2300	138247	2305
138251	2303	138283	2310	138289	2312	138311	2316	138319	2306	138323	2308	138337	2312
138349	2301	138371	2306	138373	2308	138389	2302	138401	2315	138403	2297	138407	2312
138427	2312	138433	2311	138449	2315	138451	2314	138461	2313	138469	2318	138493	2313
138497	2302	138511	2320	138517	2301	138547	2318	138559	2309	138563	2306	138569	2310
138571	2315	138577	2312	138581	2304	138587	2308	138599	2318	138617	2300	138629	2310
138637	2307	138641	2305	138647	2312	138661	2311	138679	2307	138683	2309	138727	2318
138731	2306	138739	2307	138763	2308	138793	2309	138797	2313	138799	2319	138821	2312
138829	2314	138841	2315	138863	2311	138869	2311	138883	2312	138889	2316	138893	2310
138899	2312	138917	2319	138923	2313	138937	2314	138959	2321	138967	2318	138977	2315
139021	2326	139033	2310	139067	2307	139079	2316	139091	2321	139109	2312	139121	2326
139123	2316	139129	2327	139133	2314	139169	2319	139177	2319	139187	2320	139199	2323

Table 5. Continue 10

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
139201	2311	139241	2320	139267	2316	139273	2319	139291	2313	139297	2308	139301	2311
139303	2320	139309	2310	139313	2320	139333	2327	139339	2323	139343	2320	139361	2310
139367	2329	139369	2320	139387	2318	139393	2319	139397	2320	139409	2316	139423	2317
139429	2314	139439	2322	139457	2318	139459	2308	139483	2320	139487	2320	139493	2322
139501	2319	139511	2304	139537	2323	139547	2308	139571	2324	139589	2333	139591	2311
139597	2330	139609	2327	139619	2324	139627	2333	139661	2320	139663	2320	139681	2319
139697	2333	139703	2325	139709	2309	139721	2324	139729	2322	139739	2322	139747	2318
139753	2323	139759	2327	139787	2330	139801	2319	139813	2318	139831	2319	139837	2324
139861	2326	139871	2326	139883	2325	139891	2329	139901	2322	139907	2322	139921	2322
139939	2329	139943	2318	139967	2329	139969	2324	139981	2317	139987	2318	139991	2319
139999	2318	140009	2317	140053	2330	140057	2312	140069	2328	140071	2330	140111	2327
140123	2319	140143	2321	140159	2328	140167	2322	140171	2324	140177	2325	140191	2326
140197	2329	140207	2330	140221	2330	140227	2325	140237	2326	140249	2327	140263	2332
140269	2325	140281	2319	140297	2332	140317	2324	140321	2318	140333	2313	140339	2326
140351	2328	140363	2319	140381	2332	140401	2336	140407	2328	140411	2332	140417	2325
140419	2333	140423	2327	140443	2323	140449	2322	140453	2327	140473	2330	140477	2332
140521	2331	140527	2344	140533	2335	140549	2332	140551	2329	140557	2330	140587	2339
140593	2330	140603	2329	140611	2322	140617	2328	140627	2322	140629	2328	140639	2331
140659	2336	140663	2329	140677	2323	140681	2337	140683	2343	140689	2328	140717	2341
140729	2337	140731	2324	140741	2323	140759	2328	140761	2336	140773	2326	140779	2330
140797	2328	140813	2326	140827	2330	140831	2331	140837	2326	140839	2326	140863	2341
140867	2331	140869	2328	140891	2328	140893	2333	140897	2333	140909	2335	140929	2330
140939	2334	140977	2332	140983	2330	140989	2344	141023	2337	141041	2336	141061	2338
141067	2332	141073	2337	141079	2330	141101	2327	141107	2336	141121	2330	141131	2340
141157	2329	141161	2345	141179	2331	141181	2332	141199	2345	141209	2338	141221	2339
141223	2344	141233	2334	141241	2333	141257	2338	141263	2333	141269	2346	141277	2342
141283	2336	141301	2335	141307	2341	141311	2330	141319	2333	141353	2353	141359	2328
141371	2334	141397	2334	141403	2336	141413	2340	141439	2330	141443	2331	141461	2338
141481	2340	141497	2336	141499	2335	141509	2341	141511	2343	141529	2336	141539	2331
141551	2329	141587	2331	141601	2346	141613	2332	141619	2345	141623	2335	141629	2345
141637	2335	141649	2334	141653	2336	141667	2338	141671	2343	141677	2335	141679	2338
141689	2339	141697	2344	141707	2335	141709	2339	141719	2339	141731	2337	141761	2332
141767	2344	141769	2334	141773	2328	141793	2339	141803	2339	141811	2339	141829	2339
141833	2345	141851	2356	141853	2341	141863	2346	141871	2346	141907	2344	141917	2341
141931	2351	141937	2338	141941	2337	141959	2350	141961	2330	141971	2345	141991	2352
142007	2342	142019	2332	142031	2340	142039	2345	142049	2349	142057	2347	142061	2342
142067	2336	142097	2352	142099	2339	142111	2338	142123	2333	142151	2342	142157	2340
142159	2354	142169	2355	142183	2337	142189	2345	142193	2346	142211	2353	142217	2349
142223	2345	142231	2338	142237	2339	142271	2345	142297	2348	142319	2345	142327	2344
142357	2345	142369	2350	142381	2353	142391	2346	142403	2338	142421	2355	142427	2358
142433	2341	142453	2348	142469	2351	142501	2342	142529	2345	142537	2351	142543	2334
142547	2343	142553	2347	142559	2358	142567	2341	142573	2358	142589	2352	142591	2337
142601	2348	142607	2343	142609	2351	142619	2350	142657	2351	142673	2348	142697	2341
142699	2347	142711	2346	142733	2351	142757	2352	142759	2352	142771	2362	142787	2349
142789	2358	142799	2348	142811	2352	142837	2348	142841	2351	142867	2355	142871	2353
142873	2347	142897	2350	142903	2345	142907	2347	142939	2348	142949	2352	142963	2355
142969	2348	142973	2354	142979	2357	142981	2354	142993	2351	143053	2351	143063	2354
143093	2359	143107	2353	143111	2356	143113	2353	143137	2350	143141	2352	143159	2351

Table 5. Continue 11

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
143177	2353	143197	2358	143239	2349	143243	2355	143249	2346	143257	2350	143261	2351
143263	2349	143281	2344	143287	2351	143291	2358	143329	2365	143333	2349	143357	2354
143387	2357	143401	2360	143413	2350	143419	2356	143443	2352	143461	2354	143467	2349
143477	2358	143483	2350	143489	2367	143501	2358	143503	2351	143509	2360	143513	2352
143519	2368	143527	2356	143537	2355	143551	2356	143567	2370	143569	2363	143573	2343
143593	2356	143609	2355	143617	2356	143629	2369	143641	2358	143651	2355	143653	2350
143669	2359	143677	2354	143687	2356	143699	2364	143711	2352	143719	2356	143729	2360
143743	2365	143779	2357	143791	2359	143797	2344	143807	2360	143813	2355	143821	2358
143827	2359	143831	2361	143833	2348	143873	2352	143879	2360	143881	2357	143909	2362
143947	2359	143953	2356	143971	2349	143977	2377	143981	2357	143999	2362	144013	2353
144031	2370	144037	2355	144061	2356	144071	2354	144073	2370	144103	2363	144139	2359
144161	2355	144163	2360	144167	2370	144169	2357	144173	2367	144203	2366	144223	2363
144241	2360	144247	2366	144253	2357	144259	2361	144271	2352	144289	2361	144299	2368
144307	2354	144311	2360	144323	2360	144341	2367	144349	2366	144379	2361	144383	2358
144407	2355	144409	2359	144413	2363	144427	2361	144439	2365	144451	2359	144461	2361
144479	2361	144481	2360	144497	2360	144511	2375	144539	2362	144541	2366	144563	2370
144569	2367	144577	2367	144583	2359	144589	2371	144593	2372	144611	2370	144629	2368
144659	2363	144667	2380	144671	2368	144701	2371	144709	2362	144719	2372	144731	2371
144737	2366	144751	2372	144757	2362	144763	2364	144773	2358	144779	2369	144791	2379
144817	2374	144829	2362	144839	2367	144847	2378	144883	2360	144887	2375	144889	2365
144899	2372	144917	2374	144931	2365	144941	2365	144961	2362	144967	2362	144973	2363
144983	2362	145007	2372	145009	2372	145021	2362	145031	2366	145037	2373	145043	2372
145063	2370	145069	2369	145091	2372	145109	2374	145121	2364	145133	2380	145139	2368
145177	2365	145193	2370	145207	2378	145213	2388	145219	2361	145253	2362	145259	2379
145267	2364	145283	2366	145289	2368	145303	2367	145307	2365	145349	2369	145361	2376
145381	2376	145391	2368	145399	2378	145417	2376	145423	2377	145433	2378	145441	2378
145451	2370	145459	2369	145463	2375	145471	2373	145477	2364	145487	2376	145501	2365
145511	2375	145513	2369	145517	2372	145531	2379	145543	2375	145547	2376	145549	2366
145577	2371	145589	2379	145601	2371	145603	2369	145633	2369	145637	2372	145643	2365
145661	2371	145679	2367	145681	2385	145687	2370	145703	2371	145709	2370	145721	2380
145723	2383	145753	2381	145757	2373	145759	2387	145771	2378	145777	2381	145799	2371
145807	2384	145819	2376	145823	2383	145829	2378	145861	2388	145879	2375	145897	2382
145903	2381	145931	2372	145933	2381	145949	2381	145963	2380	145967	2381	145969	2376
145987	2374	145991	2381	146009	2379	146011	2379	146021	2373	146023	2369	146033	2375
146051	2377	146057	2378	146059	2383	146063	2374	146077	2367	146093	2382	146099	2371
146117	2375	146141	2373	146161	2388	146173	2376	146191	2385	146197	2385	146203	2384
146213	2384	146221	2384	146239	2386	146249	2380	146273	2376	146291	2383	146297	2375
146299	2380	146309	2384	146317	2372	146323	2382	146347	2384	146359	2384	146369	2385
146381	2374	146383	2377	146389	2377	146407	2382	146417	2370	146423	2376	146437	2373
146449	2382	146477	2375	146513	2372	146519	2385	146521	2376	146527	2384	146539	2380
146543	2378	146563	2381	146581	2380	146603	2381	146609	2385	146617	2374	146639	2391
146647	2386	146669	2381	146677	2377	146681	2380	146683	2378	146689	2388	146701	2385
146719	2375	146743	2390	146749	2385	146767	2394	146777	2386	146801	2395	146807	2381
146819	2383	146833	2388	146837	2388	146843	2385	146849	2379	146857	2381	146891	2373
146893	2383	146917	2379	146921	2391	146933	2395	146941	2390	146953	2378	146977	2379
146983	2378	146987	2387	146989	2381	147011	2388	147029	2382	147031	2394	147047	2392
147073	2388	147083	2388	147089	2387	147097	2382	147107	2388	147137	2382	147139	2391
147151	2380	147163	2391	147179	2392	147197	2384	147209	2377	147211	2395	147221	2384

Table 5. Continue 12

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
147227	2386	147229	2385	147253	2396	147263	2392	147283	2396	147289	2383	147293	2392
147299	2394	147311	2391	147319	2389	147331	2396	147341	2385	147347	2393	147353	2378
147377	2381	147391	2390	147397	2393	147401	2394	147409	2400	147419	2387	147449	2385
147451	2393	147457	2389	147481	2392	147487	2395	147503	2389	147517	2389	147541	2387
147547	2393	147551	2394	147557	2392	147571	2390	147583	2392	147607	2386	147613	2386
147617	2397	147629	2390	147647	2399	147661	2384	147671	2388	147673	2395	147689	2384
147703	2387	147709	2407	147727	2390	147739	2386	147743	2393	147761	2391	147769	2388
147773	2393	147779	2388	147787	2396	147793	2400	147799	2401	147811	2403	147827	2388
147853	2391	147859	2393	147863	2394	147881	2390	147919	2402	147937	2391	147949	2386
147977	2397	147997	2397	148013	2394	148021	2388	148061	2397	148063	2403	148073	2398
148079	2388	148091	2393	148123	2400	148139	2405	148147	2402	148151	2394	148153	2389
148157	2396	148171	2402	148193	2386	148199	2402	148201	2393	148207	2397	148229	2384
148243	2391	148249	2397	148279	2391	148301	2404	148303	2397	148331	2399	148339	2401
148361	2398	148367	2396	148381	2402	148387	2384	148399	2397	148403	2397	148411	2395
148429	2401	148439	2400	148457	2400	148469	2379	148471	2409	148483	2397	148501	2406
148513	2395	148517	2407	148531	2392	148537	2399	148549	2412	148573	2392	148579	2399
148609	2388	148627	2397	148633	2399	148639	2396	148663	2393	148667	2404	148669	2391
148691	2401	148693	2408	148711	2404	148721	2397	148723	2406	148727	2400	148747	2396
148763	2400	148781	2407	148783	2406	148793	2396	148817	2401	148829	2407	148853	2406
148859	2411	148861	2394	148867	2404	148873	2409	148877	2408	148891	2414	148913	2404
148921	2408	148927	2403	148931	2405	148933	2403	148949	2408	148957	2397	148961	2409
148991	2395	148997	2402	149011	2411	149021	2409	149027	2410	149033	2405	149053	2396
149057	2396	149059	2407	149069	2403	149077	2401	149087	2401	149099	2396	149101	2407
149111	2405	149113	2404	149119	2399	149143	2411	149153	2398	149159	2407	149161	2409
149173	2413	149183	2399	149197	2398	149213	2407	149239	2420	149249	2404	149251	2411
149257	2396	149269	2401	149287	2411	149297	2395	149309	2402	149323	2403	149333	2412
149341	2404	149351	2405	149371	2400	149377	2408	149381	2421	149393	2413	149399	2410
149411	2408	149417	2409	149419	2412	149423	2412	149441	2411	149459	2408	149489	2422
149491	2401	149497	2405	149503	2410	149519	2400	149521	2408	149531	2403	149533	2404
149543	2405	149551	2411	149561	2415	149563	2408	149579	2404	149603	2403	149623	2412
149627	2408	149629	2408	149689	2412	149711	2416	149713	2402	149717	2404	149729	2410
149731	2414	149749	2412	149759	2403	149767	2408	149771	2411	149791	2420	149803	2415
149827	2410	149837	2410	149839	2419	149861	2407	149867	2402	149873	2410	149893	2410
149899	2407	149909	2399	149911	2410	149921	2404	149939	2419	149953	2422	149969	2415
149971	2407	149993	2409	150001	2406	150011	2406	150041	2410	150053	2419	150061	2416
150067	2417	150077	2410	150083	2408	150089	2407	150091	2412	150097	2418	150107	2411
150131	2425	150151	2419	150169	2410	150193	2404	150197	2414	150203	2424	150209	2396
150211	2419	150217	2417	150221	2413	150223	2413	150239	2427	150247	2404	150287	2417
150299	2412	150301	2416	150323	2416	150329	2409	150343	2411	150373	2423	150377	2420
150379	2414	150383	2416	150401	2408	150407	2417	150413	2426	150427	2417	150431	2417
150439	2427	150473	2415	150497	2407	150503	2420	150517	2410	150523	2415	150533	2418
150551	2402	150559	2423	150571	2417	150583	2417	150587	2423	150589	2422	150607	2420
150611	2415	150617	2410	150649	2411	150659	2411	150697	2418	150707	2416	150721	2418
150743	2420	150767	2420	150769	2421	150779	2421	150791	2428	150797	2420	150827	2419
150833	2418	150847	2416	150869	2431	150881	2411	150883	2425	150889	2429	150893	2420
150901	2425	150907	2423	150919	2416	150929	2415	150959	2420	150961	2418	150967	2419
150979	2419	150989	2422	150991	2415	151007	2425	151009	2415	151013	2415	151027	2416
151049	2424	151051	2433	151057	2429	151091	2424	151121	2419	151141	2425	151153	2425

Table 5. Continue 13

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
151157	2422	151163	2423	151169	2420	151171	2425	151189	2413	151201	2427	151213	2419
151237	2418	151241	2427	151243	2426	151247	2421	151253	2429	151273	2424	151279	2430
151289	2428	151303	2414	151321	2419	151337	2426	151339	2429	151343	2421	151357	2432
151379	2427	151381	2423	151391	2430	151397	2418	151423	2428	151429	2416	151433	2421
151451	2419	151471	2420	151477	2424	151483	2422	151499	2430	151507	2433	151517	2430
151523	2435	151531	2429	151537	2422	151549	2429	151553	2427	151561	2436	151573	2427
151579	2419	151597	2425	151603	2434	151607	2436	151609	2430	151631	2428	151637	2422
151643	2427	151651	2419	151667	2438	151673	2427	151681	2430	151687	2433	151693	2420
151703	2427	151717	2430	151729	2446	151733	2425	151769	2421	151771	2425	151783	2436
151787	2425	151799	2419	151813	2428	151817	2437	151841	2425	151847	2425	151849	2422
151871	2435	151883	2437	151897	2428	151901	2433	151903	2426	151909	2438	151937	2438
151939	2418	151967	2420	151969	2420	152003	2435	152017	2431	152027	2428	152029	2426
152039	2415	152041	2430	152063	2430	152077	2432	152081	2433	152083	2428	152093	2434
152111	2434	152123	2432	152147	2438	152183	2432	152189	2434	152197	2431	152203	2436
152213	2433	152219	2434	152231	2431	152239	2429	152249	2437	152267	2437	152287	2440
152293	2433	152297	2426	152311	2434	152363	2432	152377	2431	152381	2440	152389	2436
152393	2431	152407	2443	152417	2436	152419	2433	152423	2444	152429	2434	152441	2432
152443	2423	152459	2443	152461	2414	152501	2428	152519	2437	152531	2423	152533	2425
152539	2436	152563	2434	152567	2434	152597	2436	152599	2441	152617	2429	152623	2435
152629	2447	152639	2441	152641	2432	152657	2443	152671	2430	152681	2434	152717	2431
152723	2443	152729	2436	152753	2435	152767	2438	152777	2441	152783	2434	152791	2431
152809	2440	152819	2442	152821	2436	152833	2436	152837	2440	152839	2445	152843	2433
152851	2436	152857	2425	152879	2439	152897	2447	152899	2429	152909	2435	152939	2441
152941	2433	152947	2432	152953	2439	152959	2437	152981	2449	152989	2442	152993	2433
153001	2431	153059	2434	153067	2432	153071	2437	153073	2436	153077	2436	153089	2433
153107	2443	153113	2447	153133	2445	153137	2447	153151	2449	153191	2438	153247	2449
153259	2436	153269	2446	153271	2440	153277	2430	153281	2451	153287	2445	153313	2440
153319	2436	153337	2447	153343	2447	153353	2447	153359	2441	153371	2445	153379	2451
153407	2435	153409	2442	153421	2446	153427	2441	153437	2455	153443	2451	153449	2444
153457	2449	153469	2442	153487	2446	153499	2447	153509	2436	153511	2432	153521	2443
153523	2438	153529	2452	153533	2442	153557	2444	153563	2440	153589	2452	153607	2438
153611	2443	153623	2453	153641	2437	153649	2440	153689	2443	153701	2439	153719	2443
153733	2445	153739	2453	153743	2440	153749	2439	153757	2443	153763	2442	153817	2450
153841	2451	153871	2445	153877	2443	153887	2438	153889	2448	153911	2440	153913	2438
153929	2442	153941	2451	153947	2441	153949	2448	153953	2453	153991	2435	153997	2451
154001	2448	154027	2443	154043	2447	154057	2452	154061	2437	154067	2447	154073	2444
154079	2440	154081	2452	154087	2452	154097	2453	154111	2443	154127	2451	154153	2457
154157	2442	154159	2454	154181	2457	154183	2446	154211	2456	154213	2455	154229	2456
154243	2455	154247	2448	154267	2451	154277	2449	154279	2455	154291	2448	154303	2447
154313	2440	154321	2453	154333	2444	154339	2441	154351	2451	154369	2454	154373	2452
154387	2455	154409	2445	154417	2451	154423	2456	154439	2451	154459	2455	154487	2448
154493	2452	154501	2452	154523	2459	154543	2446	154571	2451	154573	2454	154579	2454
154589	2450	154591	2446	154613	2458	154619	2455	154621	2465	154643	2448	154667	2448
154669	2442	154681	2452	154691	2452	154699	2455	154723	2453	154727	2449	154733	2449
154747	2453	154753	2455	154769	2453	154787	2465	154789	2451	154799	2457	154807	2445
154823	2449	154841	2453	154849	2456	154871	2454	154873	2458	154877	2450	154883	2451
154897	2453	154927	2454	154933	2448	154937	2458	154943	2462	154981	2456	154991	2459
155003	2452	155009	2454	155017	2461	155027	2467	155047	2464	155069	2459	155081	2453

Table 5. Continue 14

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
155083	2447	155087	2457	155119	2452	155137	2449	155153	2450	155161	2467	155167	2448
155171	2453	155191	2456	155201	2454	155203	2459	155209	2455	155219	2459	155231	2463
155251	2458	155269	2457	155291	2455	155299	2456	155303	2454	155317	2447	155327	2456
155333	2461	155371	2465	155377	2460	155381	2451	155383	2458	155387	2460	155399	2463
155413	2457	155423	2460	155443	2468	155453	2461	155461	2465	155473	2456	155501	2460
155509	2468	155521	2462	155537	2462	155539	2462	155557	2464	155569	2454	155579	2464
155581	2457	155593	2458	155599	2463	155609	2463	155621	2455	155627	2467	155653	2459
155657	2474	155663	2462	155671	2466	155689	2463	155693	2465	155699	2464	155707	2469
155717	2469	155719	2457	155723	2466	155731	2452	155741	2468	155747	2455	155773	2467
155777	2464	155783	2464	155797	2469	155801	2470	155809	2470	155821	2458	155833	2456
155849	2459	155851	2458	155861	2472	155863	2459	155887	2467	155891	2469	155893	2461
155921	2471	156007	2472	156011	2463	156019	2471	156041	2463	156059	2467	156061	2476
156071	2470	156089	2453	156109	2469	156119	2466	156127	2465	156131	2460	156139	2460
156151	2462	156157	2461	156217	2462	156227	2463	156229	2471	156241	2471	156253	2470
156257	2468	156259	2457	156269	2480	156307	2465	156319	2466	156329	2475	156347	2463
156353	2460	156361	2467	156371	2459	156419	2465	156421	2478	156437	2479	156467	2462
156487	2464	156491	2466	156493	2469	156511	2470	156521	2468	156539	2473	156577	2475
156589	2469	156593	2479	156601	2478	156619	2465	156623	2461	156631	2469	156641	2474
156659	2466	156671	2472	156677	2469	156679	2470	156683	2469	156691	2479	156703	2475
156707	2480	156719	2467	156727	2482	156733	2475	156749	2467	156781	2473	156797	2476
156799	2475	156817	2474	156823	2476	156833	2480	156841	2477	156887	2469	156899	2464
156901	2470	156913	2471	156941	2476	156943	2472	156967	2465	156971	2477	156979	2482
157007	2469	157013	2470	157019	2462	157037	2468	157049	2472	157051	2472	157057	2467
157061	2465	157081	2478	157103	2480	157109	2474	157127	2479	157133	2470	157141	2463
157163	2473	157177	2472	157181	2473	157189	2473	157207	2477	157211	2484	157217	2478
157219	2456	157229	2468	157231	2467	157243	2476	157247	2476	157253	2465	157259	2469
157271	2468	157273	2480	157277	2465	157279	2469	157291	2479	157303	2479	157307	2466
157321	2474	157327	2473	157349	2477	157351	2484	157363	2467	157393	2475	157411	2471
157427	2470	157429	2476	157433	2483	157457	2478	157477	2472	157483	2484	157489	2468
157513	2485	157519	2484	157523	2469	157543	2481	157559	2469	157561	2474	157571	2477
157579	2476	157609	2479	157627	2475	157637	2470	157639	2480	157649	2473	157667	2475
157669	2483	157679	2486	157721	2472	157733	2483	157739	2490	157747	2478	157769	2487
157771	2477	157793	2475	157799	2484	157813	2476	157823	2486	157831	2481	157837	2483
157841	2478	157867	2487	157877	2480	157889	2473	157897	2478	157901	2481	157907	2466
157931	2482	157933	2480	157951	2477	157991	2478	157999	2483	158003	2480	158009	2480
158017	2484	158029	2480	158047	2480	158071	2477	158077	2486	158113	2483	158129	2479
158141	2484	158143	2491	158161	2487	158189	2485	158201	2481	158209	2472	158227	2493
158231	2477	158233	2478	158243	2487	158261	2486	158269	2485	158293	2484	158303	2484
158329	2492	158341	2494	158351	2478	158357	2485	158359	2491	158363	2481	158371	2484
158393	2479	158407	2478	158419	2487	158429	2490	158443	2488	158449	2483	158489	2490
158507	2485	158519	2486	158527	2487	158537	2487	158551	2479	158563	2489	158567	2479
158573	2491	158581	2482	158591	2492	158597	2474	158611	2480	158617	2489	158621	2480
158633	2484	158647	2484	158657	2481	158663	2477	158699	2484	158731	2491	158747	2498
158749	2485	158759	2485	158761	2488	158771	2485	158777	2481	158791	2497	158803	2487
158843	2489	158849	2476	158863	2489	158867	2473	158881	2485	158909	2483	158923	2488
158927	2491	158941	2485	158959	2493	158981	2495	158993	2494	159013	2488	159017	2493
159023	2487	159059	2483	159073	2490	159079	2488	159097	2489	159113	2497	159119	2490
159157	2488	159161	2482	159167	2486	159169	2488	159179	2480	159191	2485	159193	2490

Table 5. Continue 15

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
159199	2487	159209	2497	159223	2491	159227	2484	159233	2497	159287	2489	159293	2494
159311	2491	159319	2493	159337	2501	159347	2491	159349	2470	159361	2487	159389	2493
159403	2497	159407	2496	159421	2486	159431	2486	159437	2492	159457	2496	159463	2489
159469	2493	159473	2500	159491	2498	159499	2497	159503	2495	159521	2491	159539	2497
159541	2496	159553	2495	159563	2495	159569	2494	159571	2501	159589	2505	159617	2495
159623	2492	159629	2490	159631	2498	159667	2498	159671	2496	159673	2499	159683	2501
159697	2488	159701	2494	159707	2500	159721	2506	159737	2497	159739	2499	159763	2498
159769	2504	159773	2492	159779	2495	159787	2490	159791	2500	159793	2486	159799	2495
159811	2505	159833	2495	159839	2492	159853	2508	159857	2490	159869	2494	159871	2494
159899	2502	159911	2498	159931	2498	159937	2500	159977	2502	159979	2497	160001	2497
160009	2496	160019	2495	160031	2502	160033	2499	160049	2499	160073	2497	160079	2497
160081	2499	160087	2492	160091	2497	160093	2495	160117	2506	160141	2508	160159	2501
160163	2497	160169	2502	160183	2499	160201	2493	160207	2499	160217	2507	160231	2490
160243	2508	160253	2508	160309	2499	160313	2503	160319	2518	160343	2496	160357	2508
160367	2500	160373	2499	160387	2490	160397	2506	160403	2508	160409	2498	160423	2505
160441	2506	160453	2504	160481	2502	160483	2502	160499	2499	160507	2496	160541	2501
160553	2509	160579	2493	160583	2495	160591	2495	160603	2507	160619	2494	160621	2498
160627	2500	160637	2504	160639	2512	160649	2498	160651	2510	160663	2508	160669	2499
160681	2505	160687	2498	160697	2508	160709	2510	160711	2509	160723	2508	160739	2500
160751	2499	160753	2501	160757	2507	160781	2507	160789	2492	160801	2504	160807	2508
160813	2497	160817	2509	160829	2506	160841	2509	160861	2508	160877	2509	160879	2506
160883	2513	160903	2500	160907	2495	160933	2506	160967	2508	160969	2512	160981	2518
160997	2511	161009	2503	161017	2504	161033	2516	161039	2514	161047	2512	161051	2506
161053	2504	161059	2499	161071	2511	161087	2503	161093	2509	161123	2498	161137	2506
161141	2501	161149	2514	161159	2506	161167	2500	161201	2499	161221	2520	161233	2509
161237	2504	161263	2505	161267	2514	161281	2508	161303	2507	161309	2514	161323	2508
161333	2511	161339	2516	161341	2501	161363	2515	161377	2513	161387	2520	161407	2506
161411	2507	161453	2501	161459	2516	161461	2516	161471	2519	161503	2503	161507	2518
161521	2515	161527	2517	161531	2511	161543	2523	161561	2499	161563	2514	161569	2510
161573	2516	161591	2510	161599	2516	161611	2500	161627	2507	161639	2517	161641	2512
161659	2514	161683	2505	161717	2513	161729	2515	161731	2517	161741	2495	161743	2505
161753	2508	161761	2512	161771	2518	161773	2516	161779	2512	161783	2516	161807	2522
161831	2507	161839	2511	161869	2519	161873	2503	161879	2518	161881	2520	161911	2524
161921	2520	161923	2507	161947	2519	161957	2510	161969	2519	161971	2506	161977	2514
161983	2519	161999	2516	162007	2521	162011	2520	162017	2509	162053	2520	162059	2519
162079	2516	162091	2522	162109	2524	162119	2507	162143	2526	162209	2509	162221	2513
162229	2516	162251	2521	162257	2515	162263	2523	162269	2509	162277	2509	162287	2513
162289	2527	162293	2509	162343	2519	162359	2515	162389	2513	162391	2513	162413	2515
162419	2513	162439	2516	162451	2517	162457	2523	162473	2510	162493	2528	162499	2508
162517	2520	162523	2519	162527	2517	162529	2515	162553	2512	162557	2518	162563	2521
162577	2517	162593	2522	162601	2522	162611	2522	162623	2509	162629	2522	162641	2525
162649	2520	162671	2533	162677	2520	162683	2521	162691	2516	162703	2517	162709	2530
162713	2528	162727	2528	162731	2523	162739	2526	162749	2515	162751	2509	162779	2521
162787	2527	162791	2527	162821	2525	162823	2522	162829	2524	162839	2520	162847	2525
162853	2521	162859	2533	162881	2529	162889	2518	162901	2523	162907	2528	162917	2517
162937	2527	162947	2524	162971	2531	162973	2520	162989	2525	162997	2526	163003	2525
163019	2523	163021	2518	163027	2522	163061	2518	163063	2510	163109	2533	163117	2531
163127	2524	163129	2529	163147	2525	163151	2521	163169	2514	163171	2537	163181	2530

Table 5. Continue 16

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
163193	2530	163199	2526	163211	2529	163223	2523	163243	2528	163249	2523	163259	2532
163307	2516	163309	2528	163321	2524	163327	2519	163337	2528	163351	2518	163363	2534
163367	2525	163393	2538	163403	2526	163409	2526	163411	2536	163417	2526	163433	2538
163469	2529	163477	2525	163481	2523	163483	2523	163487	2529	163517	2525	163543	2525
163561	2529	163567	2515	163573	2530	163601	2516	163613	2529	163621	2533	163627	2526
163633	2524	163637	2516	163643	2533	163661	2522	163673	2520	163679	2542	163697	2536
163729	2538	163733	2540	163741	2524	163753	2534	163771	2533	163781	2518	163789	2538
163811	2530	163819	2522	163841	2542	163847	2529	163853	2530	163859	2527	163861	2534
163871	2529	163883	2526	163901	2540	163909	2529	163927	2520	163973	2537	163979	2542
163981	2516	163987	2530	163991	2535	163993	2525	163997	2520	164011	2538	164023	2523
164039	2522	164051	2531	164057	2545	164071	2527	164089	2530	164093	2530	164113	2538
164117	2542	164147	2537	164149	2527	164173	2537	164183	2535	164191	2527	164201	2531
164209	2533	164231	2539	164233	2541	164239	2524	164249	2525	164251	2546	164267	2537
164279	2536	164291	2531	164299	2535	164309	2538	164321	2527	164341	2539	164357	2532
164363	2542	164371	2537	164377	2532	164387	2537	164413	2534	164419	2539	164429	2543
164431	2531	164443	2537	164447	2531	164449	2529	164471	2541	164477	2532	164503	2540
164513	2531	164531	2548	164569	2527	164581	2540	164587	2541	164599	2534	164617	2541
164621	2543	164623	2533	164627	2531	164653	2541	164663	2527	164677	2533	164683	2540
164701	2537	164707	2541	164729	2532	164743	2538	164767	2546	164771	2537	164789	2531
164809	2545	164821	2537	164831	2534	164837	2543	164839	2538	164881	2536	164893	2545
164911	2536	164953	2529	164963	2539	164987	2535	164999	2543	165001	2542	165037	2544
165041	2539	165047	2536	165049	2548	165059	2545	165079	2546	165083	2544	165089	2532
165103	2543	165133	2538	165161	2541	165173	2544	165181	2540	165203	2546	165211	2545
165229	2540	165233	2537	165247	2533	165287	2543	165293	2545	165311	2546	165313	2540
165317	2540	165331	2541	165343	2543	165349	2544	165367	2538	165379	2535	165383	2534
165391	2547	165397	2548	165437	2535	165443	2538	165449	2545	165457	2544	165463	2542
165469	2553	165479	2550	165511	2541	165523	2541	165527	2548	165533	2550	165541	2544
165551	2540	165553	2548	165559	2536	165569	2541	165587	2531	165589	2558	165601	2536
165611	2546	165617	2549	165653	2538	165667	2557	165673	2538	165701	2554	165703	2548
165707	2533	165709	2541	165713	2544	165719	2544	165721	2546	165749	2548	165779	2553
165799	2548	165811	2542	165817	2541	165829	2536	165833	2542	165857	2551	165877	2540
165883	2554	165887	2538	165901	2554	165931	2556	165941	2549	165947	2557	165961	2547
165983	2543	166013	2547	166021	2550	166027	2554	166031	2560	166043	2537	166063	2551
166081	2552	166099	2561	166147	2550	166151	2537	166157	2541	166169	2559	166183	2545
166189	2544	166207	2554	166219	2540	166237	2541	166247	2551	166259	2556	166273	2547
166289	2554	166297	2557	166301	2550	166303	2556	166319	2551	166349	2552	166351	2564
166357	2550	166363	2562	166393	2565	166399	2549	166403	2559	166409	2560	166417	2547
166429	2547	166457	2553	166471	2555	166487	2557	166541	2550	166561	2556	166567	2552
166571	2547	166597	2562	166601	2543	166603	2556	166609	2554	166613	2556	166619	2559
166627	2555	166631	2547	166643	2542	166657	2552	166667	2562	166669	2557	166679	2557
166693	2553	166703	2561	166723	2558	166739	2552	166741	2549	166781	2547	166783	2564
166799	2556	166807	2549	166823	2547	166841	2555	166843	2555	166847	2553	166849	2552
166853	2549	166861	2559	166867	2550	166871	2560	166909	2551	166919	2555	166931	2548
166949	2565	166967	2549	166973	2555	166979	2557	166987	2556	167009	2552	167017	2560
167021	2560	167023	2557	167033	2548	167039	2559	167047	2561	167051	2559	167071	2545
167077	2552	167081	2566	167087	2571	167099	2560	167107	2551	167113	2558	167117	2549
167119	2560	167149	2559	167159	2562	167173	2563	167177	2564	167191	2555	167197	2557
167213	2557	167221	2554	167249	2563	167261	2564	167267	2558	167269	2557	167281	2553

Table 5. Continue 17

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
167309	2559	167311	2559	167317	2562	167329	2566	167339	2564	167341	2555	167381	2556
167393	2557	167407	2568	167413	2555	167423	2562	167429	2560	167437	2559	167441	2562
167443	2564	167449	2555	167471	2561	167483	2560	167491	2554	167521	2563	167537	2572
167543	2560	167593	2563	167597	2555	167611	2564	167621	2571	167623	2569	167627	2554
167633	2565	167641	2553	167663	2565	167677	2556	167683	2564	167711	2572	167729	2561
167747	2562	167759	2570	167771	2564	167777	2565	167779	2558	167801	2562	167809	2572
167861	2574	167863	2564	167873	2562	167879	2569	167887	2568	167891	2562	167899	2569
167911	2565	167917	2559	167953	2562	167971	2565	167987	2564	168013	2575	168023	2560
168029	2568	168037	2562	168043	2571	168067	2560	168071	2564	168083	2554	168089	2563
168109	2560	168127	2568	168143	2556	168151	2567	168193	2569	168197	2573	168211	2563
168227	2568	168247	2563	168253	2574	168263	2570	168269	2573	168277	2571	168281	2575
168293	2570	168323	2573	168331	2565	168347	2569	168353	2578	168391	2556	168409	2571
168433	2568	168449	2572	168451	2561	168457	2564	168463	2567	168481	2574	168491	2562
168499	2556	168523	2560	168527	2562	168533	2573	168541	2574	168559	2560	168599	2574
168601	2571	168617	2574	168629	2575	168631	2575	168643	2569	168673	2574	168677	2572
168697	2568	168713	2567	168719	2558	168731	2573	168737	2572	168743	2565	168761	2575
168769	2573	168781	2568	168803	2575	168851	2571	168863	2562	168869	2573	168887	2575
168893	2567	168899	2568	168901	2567	168913	2572	168937	2575	168943	2584	168977	2580
168991	2569	169003	2575	169007	2566	169009	2589	169019	2573	169049	2576	169063	2583
169067	2568	169069	2580	169079	2565	169093	2583	169097	2580	169111	2573	169129	2576
169151	2570	169159	2581	169177	2578	169181	2585	169199	2566	169217	2571	169219	2583
169241	2571	169243	2581	169249	2582	169259	2573	169283	2576	169307	2576	169313	2580
169319	2578	169321	2583	169327	2583	169339	2579	169343	2571	169361	2576	169369	2556
169373	2576	169399	2587	169409	2563	169427	2569	169457	2580	169471	2574	169483	2580
169489	2572	169493	2577	169501	2579	169523	2578	169531	2571	169553	2566	169567	2584
169583	2581	169591	2574	169607	2589	169627	2569	169633	2573	169639	2582	169649	2574
169657	2574	169661	2582	169667	2585	169681	2574	169691	2574	169693	2578	169709	2581
169733	2580	169751	2579	169753	2572	169769	2585	169777	2579	169783	2573	169789	2580
169817	2583	169823	2579	169831	2572	169837	2582	169843	2580	169859	2580	169889	2582
169891	2584	169909	2582	169913	2583	169919	2578	169933	2590	169937	2581	169943	2579
169951	2578	169957	2588	169987	2570	169991	2582	170003	2579	170021	2585	170029	2575
170047	2591	170057	2588	170063	2588	170081	2583	170099	2587	170101	2586	170111	2581
170123	2577	170141	2576	170167	2580	170179	2573	170189	2589	170197	2579	170207	2578
170213	2586	170227	2584	170231	2582	170239	2584	170243	2593	170249	2581	170263	2584
170267	2580	170279	2589	170293	2579	170299	2593	170327	2582	170341	2594	170347	2574
170351	2583	170353	2593	170363	2582	170369	2580	170371	2581	170383	2582	170389	2580
170393	2581	170413	2585	170441	2590	170447	2595	170473	2584	170483	2573	170497	2592
170503	2587	170509	2588	170537	2584	170539	2583	170551	2575	170557	2579	170579	2593
170603	2587	170609	2595	170627	2572	170633	2605	170641	2601	170647	2590	170669	2579
170689	2587	170701	2588	170707	2580	170711	2589	170741	2578	170749	2592	170759	2587
170761	2580	170767	2590	170773	2597	170777	2590	170801	2588	170809	2576	170813	2582
170827	2590	170837	2590	170843	2584	170851	2590	170857	2597	170873	2586	170881	2585
170887	2595	170899	2590	170921	2590	170927	2589	170953	2592	170957	2589	170971	2588
171007	2588	171023	2597	171029	2585	171043	2593	171047	2591	171049	2590	171053	2597
171077	2597	171079	2592	171091	2593	171103	2586	171131	2585	171161	2587	171163	2591
171167	2593	171169	2594	171179	2586	171203	2584	171233	2595	171251	2599	171253	2586
171263	2590	171271	2608	171293	2592	171299	2587	171317	2593	171329	2595	171341	2593
171383	2597	171401	2593	171403	2596	171427	2598	171439	2586	171449	2603	171467	2606

Table 5. Continue 18

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
171469	2593	171473	2595	171481	2590	171491	2583	171517	2591	171529	2595	171539	2595
171541	2589	171553	2594	171559	2602	171571	2594	171583	2599	171617	2590	171629	2593
171637	2606	171641	2584	171653	2593	171659	2594	171671	2594	171673	2599	171679	2603
171697	2594	171707	2593	171713	2595	171719	2591	171733	2597	171757	2585	171761	2599
171763	2596	171793	2597	171799	2608	171803	2588	171811	2602	171823	2597	171827	2591
171851	2597	171863	2592	171869	2598	171877	2599	171881	2598	171889	2603	171917	2598
171923	2609	171929	2596	171937	2596	171947	2609	172001	2607	172009	2600	172021	2596
172027	2596	172031	2606	172049	2602	172069	2597	172079	2598	172093	2594	172097	2602
172127	2599	172147	2591	172153	2598	172157	2600	172169	2595	172171	2596	172181	2601
172199	2593	172213	2612	172217	2597	172219	2593	172223	2608	172243	2617	172259	2597
172279	2601	172283	2602	172297	2612	172307	2600	172313	2599	172321	2609	172331	2584
172343	2599	172351	2601	172357	2597	172373	2598	172399	2610	172411	2602	172421	2590
172423	2601	172427	2605	172433	2606	172439	2612	172441	2610	172489	2605	172507	2608
172517	2609	172519	2593	172541	2601	172553	2595	172561	2598	172573	2606	172583	2608
172589	2603	172597	2605	172603	2601	172607	2602	172619	2606	172633	2605	172643	2604
172649	2605	172657	2603	172663	2602	172673	2616	172681	2602	172687	2597	172709	2610
172717	2610	172721	2608	172741	2604	172751	2597	172759	2598	172787	2605	172801	2601
172807	2600	172829	2611	172849	2606	172853	2607	172859	2612	172867	2602	172871	2599
172877	2606	172883	2600	172933	2605	172969	2616	172973	2610	172981	2601	172987	2600
172993	2600	172999	2600	173021	2609	173023	2606	173039	2609	173053	2601	173059	2607
173081	2600	173087	2612	173099	2606	173137	2615	173141	2606	173149	2602	173177	2612
173183	2616	173189	2607	173191	2607	173207	2599	173209	2613	173219	2608	173249	2602
173263	2607	173267	2614	173273	2609	173291	2608	173293	2612	173297	2614	173309	2613
173347	2617	173357	2611	173359	2603	173429	2617	173431	2616	173473	2612	173483	2608
173491	2604	173497	2612	173501	2607	173531	2602	173539	2607	173543	2612	173549	2613
173561	2612	173573	2609	173599	2623	173617	2615	173629	2616	173647	2602	173651	2604
173659	2616	173669	2611	173671	2614	173683	2612	173687	2608	173699	2610	173707	2617
173713	2617	173729	2612	173741	2615	173743	2613	173773	2612	173777	2607	173779	2623
173783	2616	173807	2606	173819	2599	173827	2616	173839	2613	173851	2602	173861	2614
173867	2610	173891	2618	173897	2612	173909	2611	173917	2616	173923	2618	173933	2615
173969	2610	173977	2614	173981	2613	173993	2617	174007	2615	174017	2613	174019	2620
174047	2612	174049	2623	174061	2623	174067	2624	174071	2614	174077	2614	174079	2605
174091	2613	174101	2614	174121	2611	174137	2611	174143	2616	174149	2615	174157	2621
174169	2617	174197	2611	174221	2603	174241	2613	174257	2618	174259	2614	174263	2630
174281	2630	174289	2616	174299	2610	174311	2614	174329	2616	174331	2630	174337	2621
174347	2623	174367	2614	174389	2628	174407	2615	174413	2619	174431	2611	174443	2605
174457	2616	174467	2617	174469	2615	174481	2617	174487	2617	174491	2618	174527	2618
174533	2623	174569	2624	174571	2624	174583	2623	174599	2623	174613	2620	174617	2616
174631	2613	174637	2616	174649	2608	174653	2617	174659	2617	174673	2625	174679	2621
174703	2628	174721	2624	174737	2626	174749	2622	174761	2628	174763	2628	174767	2620
174773	2631	174799	2617	174821	2621	174829	2637	174851	2624	174859	2625	174877	2619
174893	2623	174901	2639	174907	2617	174917	2617	174929	2626	174931	2614	174943	2630
174959	2621	174989	2622	174991	2615	175003	2625	175013	2620	175039	2627	175061	2624
175067	2625	175069	2627	175079	2634	175081	2617	175103	2626	175129	2625	175141	2622
175211	2625	175229	2627	175261	2633	175267	2628	175277	2626	175291	2633	175303	2618
175309	2627	175327	2632	175333	2632	175349	2634	175361	2623	175391	2633	175393	2620
175403	2626	175411	2624	175433	2634	175447	2620	175453	2623	175463	2629	175481	2623
175493	2629	175499	2632	175519	2625	175523	2630	175543	2631	175561	2629	175573	2626

Table 5. Continue 19

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
175601	2620	175621	2622	175631	2633	175633	2622	175649	2624	175663	2630	175673	2624
175687	2627	175691	2624	175699	2626	175709	2624	175723	2632	175727	2628	175753	2628
175757	2626	175759	2633	175781	2625	175783	2621	175811	2628	175829	2619	175837	2630
175843	2638	175853	2620	175859	2635	175873	2621	175891	2627	175897	2633	175909	2635
175919	2629	175937	2628	175939	2631	175949	2631	175961	2629	175963	2637	175979	2629
175991	2630	175993	2625	176017	2627	176021	2625	176023	2641	176041	2623	176047	2628
176051	2641	176053	2634	176063	2623	176081	2635	176087	2638	176089	2630	176123	2640
176129	2629	176153	2635	176159	2620	176161	2624	176179	2630	176191	2641	176201	2633
176207	2630	176213	2628	176221	2629	176227	2637	176237	2632	176243	2637	176261	2632
176299	2634	176303	2627	176317	2638	176321	2639	176327	2648	176329	2636	176333	2630
176347	2627	176353	2632	176357	2638	176369	2635	176383	2641	176389	2634	176401	2635
176413	2635	176417	2634	176419	2632	176431	2632	176459	2629	176461	2640	176467	2628
176489	2629	176497	2635	176503	2626	176507	2639	176509	2633	176521	2628	176531	2639
176537	2634	176549	2629	176551	2636	176557	2630	176573	2631	176591	2642	176597	2636
176599	2636	176609	2627	176611	2636	176629	2640	176641	2630	176651	2631	176677	2634
176699	2644	176711	2638	176713	2636	176741	2637	176747	2638	176753	2640	176777	2630
176779	2641	176789	2642	176791	2630	176797	2640	176807	2635	176809	2635	176819	2634
176849	2638	176857	2638	176887	2627	176899	2642	176903	2647	176921	2636	176923	2641
176927	2639	176933	2646	176951	2641	176977	2631	176983	2646	176989	2640	177007	2633
177011	2642	177013	2631	177019	2630	177043	2641	177091	2643	177101	2639	177109	2629
177113	2647	177127	2644	177131	2630	177147	2638	177167	2645	177173	2648	177209	2633
177211	2639	177217	2641	177223	2645	177239	2637	177241	2649	177257	2651	177269	2639
177283	2635	177301	2638	177319	2651	177323	2636	177337	2643	177347	2640	177379	2641
177383	2639	177409	2642	177421	2663	177427	2644	177431	2635	177433	2641	177467	2638
177473	2644	177481	2636	177487	2639	177493	2653	177511	2646	177533	2632	177539	2644
177553	2659	177589	2639	177601	2647	177623	2647	177647	2647	177677	2644	177679	2648
177691	2641	177739	2646	177743	2644	177761	2646	177763	2647	177787	2648	177791	2646
177797	2640	177811	2637	177823	2655	177839	2647	177841	2640	177883	2652	177887	2648
177889	2642	177893	2647	177907	2651	177913	2644	177917	2646	177929	2645	177943	2646
177949	2639	177953	2645	177967	2637	177979	2651	178001	2645	178021	2644	178037	2652
178039	2651	178067	2642	178069	2640	178091	2653	178093	2651	178103	2649	178117	2634
178127	2651	178141	2648	178151	2655	178169	2671	178183	2653	178187	2649	178207	2646
178223	2655	178231	2655	178247	2647	178249	2645	178259	2650	178261	2653	178289	2649
178301	2656	178307	2646	178327	2635	178333	2643	178349	2642	178351	2658	178361	2639
178393	2652	178397	2649	178403	2654	178417	2659	178439	2658	178441	2662	178447	2655
178469	2653	178481	2642	178487	2651	178489	2647	178501	2642	178513	2655	178531	2657
178537	2664	178559	2644	178561	2652	178567	2654	178571	2639	178597	2656	178601	2657
178603	2656	178609	2658	178613	2649	178621	2645	178627	2650	178639	2653	178643	2657
178681	2653	178691	2644	178693	2654	178697	2643	178753	2648	178757	2652	178781	2647
178793	2662	178799	2660	178807	2648	178813	2664	178817	2660	178819	2655	178831	2649
178853	2664	178859	2646	178873	2640	178877	2654	178889	2644	178897	2644	178903	2658
178907	2647	178909	2657	178921	2654	178931	2653	178933	2647	178939	2654	178951	2646
178973	2664	178987	2650	179021	2657	179029	2658	179033	2652	179041	2655	179051	2654
179057	2659	179083	2651	179089	2662	179099	2665	179107	2660	179111	2656	179119	2654
179143	2661	179161	2662	179167	2651	179173	2659	179203	2659	179209	2650	179213	2652
179233	2657	179243	2663	179261	2666	179269	2645	179281	2658	179287	2658	179317	2649
179321	2664	179327	2666	179351	2661	179357	2657	179369	2652	179381	2658	179383	2644
179393	2658	179407	2658	179411	2665	179429	2655	179437	2648	179441	2664	179453	2655

Table 5. Continue 20

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
179461	2665	179471	2668	179479	2655	179483	2661	179497	2662	179519	2663	179527	2658
179533	2660	179549	2654	179563	2645	179573	2659	179579	2657	179581	2648	179591	2667
179593	2653	179603	2662	179623	2660	179633	2660	179651	2652	179657	2660	179659	2655
179671	2661	179687	2658	179689	2655	179693	2664	179717	2661	179719	2662	179737	2672
179743	2657	179749	2660	179779	2669	179801	2670	179807	2665	179813	2671	179819	2662
179821	2655	179827	2664	179833	2658	179849	2662	179897	2661	179899	2660	179903	2664
179909	2665	179917	2667	179923	2657	179939	2670	179947	2657	179951	2662	179953	2659
179957	2654	179969	2677	179981	2657	179989	2670	179999	2665	180001	2661	180007	2648
180023	2661	180043	2668	180053	2658	180071	2659	180073	2653	180077	2677	180097	2662
180137	2668	180161	2669	180179	2669	180181	2673	180211	2668	180221	2663	180233	2667
180239	2671	180241	2665	180247	2654	180259	2668	180263	2654	180281	2662	180287	2669
180289	2663	180307	2673	180311	2682	180317	2668	180331	2664	180337	2647	180347	2671
180361	2674	180371	2670	180379	2667	180391	2661	180413	2667	180419	2668	180437	2662
180463	2669	180473	2662	180491	2666	180497	2661	180503	2670	180511	2667	180533	2671
180539	2657	180541	2679	180547	2676	180563	2671	180569	2661	180617	2665	180623	2667
180629	2663	180647	2664	180667	2671	180679	2672	180701	2667	180731	2672	180749	2675
180751	2671	180773	2675	180779	2668	180793	2669	180797	2664	180799	2669	180811	2662
180847	2668	180871	2683	180883	2675	180907	2677	180949	2671	180959	2657	181001	2656
181003	2668	181019	2683	181031	2672	181039	2672	181061	2675	181063	2671	181081	2668
181087	2675	181123	2666	181141	2675	181157	2668	181183	2670	181193	2663	181199	2671
181201	2670	181211	2672	181213	2667	181219	2670	181243	2669	181253	2673	181273	2683
181277	2674	181283	2674	181297	2673	181301	2664	181303	2673	181361	2667	181387	2670
181397	2690	181399	2668	181409	2679	181421	2674	181439	2664	181457	2674	181459	2677
181499	2677	181501	2666	181513	2672	181523	2680	181537	2675	181549	2670	181553	2674
181603	2673	181607	2669	181609	2679	181619	2680	181639	2672	181667	2673	181669	2681
181693	2675	181711	2686	181717	2679	181721	2681	181729	2675	181739	2673	181751	2675
181757	2677	181759	2676	181763	2669	181777	2678	181787	2677	181789	2680	181813	2678
181837	2681	181871	2687	181873	2677	181889	2687	181891	2686	181903	2679	181913	2676
181919	2679	181927	2671	181931	2673	181943	2683	181957	2685	181967	2677	181981	2677
181997	2682	182009	2692	182011	2678	182027	2667	182029	2682	182041	2679	182047	2680
182057	2681	182059	2676	182089	2683	182099	2676	182101	2665	182107	2684	182111	2684
182123	2676	182129	2679	182131	2674	182141	2683	182159	2677	182167	2679	182177	2681
182179	2664	182201	2681	182209	2680	182233	2669	182239	2678	182243	2679	182261	2687
182279	2682	182297	2680	182309	2672	182333	2674	182339	2677	182341	2682	182353	2679
182387	2686	182389	2678	182417	2685	182423	2687	182431	2685	182443	2681	182453	2686
182467	2691	182471	2678	182473	2678	182489	2684	182503	2683	182509	2674	182519	2679
182537	2685	182549	2685	182561	2679	182579	2682	182587	2689	182593	2680	182599	2677
182603	2692	182617	2677	182627	2684	182639	2677	182641	2692	182653	2684	182657	2691
182659	2680	182681	2684	182687	2694	182701	2687	182711	2685	182713	2685	182747	2675
182773	2684	182779	2683	182789	2688	182803	2681	182813	2681	182821	2687	182839	2685
182851	2687	182857	2684	182867	2681	182887	2689	182893	2680	182899	2678	182921	2697
182927	2670	182929	2691	182933	2691	182953	2683	182957	2702	182969	2687	182981	2681
182999	2676	183023	2684	183037	2682	183041	2686	183047	2688	183059	2675	183067	2685
183089	2695	183091	2689	183119	2689	183151	2695	183167	2695	183191	2689	183203	2687
183247	2684	183259	2693	183263	2685	183283	2693	183289	2693	183299	2693	183301	2684
183307	2683	183317	2688	183319	2694	183329	2685	183343	2694	183349	2693	183361	2677
183373	2689	183377	2688	183383	2686	183389	2697	183397	2688	183437	2688	183439	2699
183451	2695	183461	2694	183473	2690	183479	2690	183487	2691	183497	2685	183499	2684

Table 5. Continue 21

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
183503	2698	183509	2693	183511	2697	183523	2685	183527	2690	183569	2700	183571	2692
183577	2700	183581	2685	183587	2701	183593	2697	183611	2691	183637	2696	183661	2693
183683	2686	183691	2695	183697	2697	183707	2681	183709	2687	183713	2694	183761	2694
183763	2695	183797	2697	183809	2692	183823	2686	183829	2684	183871	2703	183877	2693
183881	2688	183907	2689	183917	2690	183919	2691	183943	2695	183949	2703	183959	2690
183971	2701	183973	2688	183979	2694	184003	2696	184007	2687	184013	2702	184031	2705
184039	2700	184043	2693	184057	2699	184073	2684	184081	2703	184087	2693	184111	2701
184117	2694	184133	2703	184153	2705	184157	2695	184181	2694	184187	2699	184189	2697
184199	2700	184211	2700	184231	2698	184241	2704	184259	2707	184271	2697	184273	2700
184279	2699	184291	2696	184309	2703	184321	2697	184333	2698	184337	2688	184351	2699
184369	2691	184409	2706	184417	2696	184441	2707	184447	2701	184463	2709	184477	2709
184487	2696	184489	2707	184511	2698	184517	2698	184523	2695	184553	2694	184559	2703
184567	2699	184571	2709	184577	2705	184607	2718	184609	2700	184627	2707	184631	2693
184633	2704	184649	2703	184651	2693	184669	2706	184687	2703	184693	2707	184703	2699
184711	2698	184721	2696	184727	2689	184733	2707	184753	2706	184777	2699	184823	2701
184829	2705	184831	2699	184837	2709	184843	2708	184859	2699	184879	2710	184901	2702
184903	2698	184913	2703	184949	2703	184957	2708	184967	2707	184969	2710	184993	2701
184997	2701	184999	2709	185021	2701	185027	2709	185051	2715	185057	2701	185063	2699
185069	2708	185071	2698	185077	2698	185089	2700	185099	2706	185123	2703	185131	2706
185137	2704	185149	2709	185153	2701	185161	2718	185167	2712	185177	2697	185183	2701
185189	2696	185221	2699	185233	2709	185243	2697	185267	2711	185291	2697	185299	2709
185303	2696	185309	2712	185323	2698	185327	2716	185359	2707	185363	2710	185369	2709
185371	2710	185401	2708	185429	2705	185441	2698	185467	2705	185477	2708	185483	2704
185491	2712	185519	2705	185527	2712	185531	2693	185533	2705	185539	2705	185543	2706
185551	2691	185557	2715	185567	2711	185569	2715	185593	2710	185599	2696	185621	2702
185641	2708	185651	2715	185677	2707	185681	2715	185683	2706	185693	2703	185699	2710
185707	2702	185711	2709	185723	2698	185737	2703	185747	2703	185749	2701	185753	2704
185761	2713	185767	2707	185789	2707	185797	2708	185813	2710	185819	2701	185821	2701
185831	2710	185833	2719	185849	2707	185869	2716	185873	2719	185893	2699	185897	2720
185903	2702	185917	2709	185923	2717	185947	2711	185951	2707	185957	2712	185959	2709
185971	2710	185987	2713	185993	2707	186007	2712	186013	2717	186019	2712	186023	2706
186037	2706	186041	2714	186049	2715	186071	2713	186097	2713	186103	2714	186107	2712
186113	2715	186119	2725	186149	2702	186157	2712	186161	2708	186163	2717	186187	2708
186191	2718	186211	2710	186227	2700	186229	2703	186239	2713	186247	2715	186253	2712
186259	2715	186271	2713	186283	2705	186299	2709	186301	2713	186311	2711	186317	2711
186343	2709	186377	2712	186379	2721	186391	2705	186397	2719	186419	2719	186437	2713
186451	2720	186469	2714	186479	2708	186481	2713	186551	2710	186569	2716	186581	2728
186583	2722	186587	2708	186601	2719	186619	2714	186629	2724	186647	2723	186649	2715
186653	2721	186671	2725	186679	2723	186689	2719	186701	2722	186707	2722	186709	2714
186727	2718	186733	2709	186743	2709	186757	2721	186761	2712	186763	2719	186773	2711
186793	2714	186799	2719	186841	2725	186859	2723	186869	2711	186871	2725	186877	2725
186883	2728	186889	2720	186917	2706	186947	2722	186959	2723	187003	2715	187009	2715
187027	2720	187043	2717	187049	2723	187067	2720	187069	2720	187073	2718	187081	2718
187091	2719	187111	2721	187123	2726	187127	2722	187129	2718	187133	2720	187139	2716
187141	2716	187163	2716	187171	2716	187177	2716	187181	2725	187189	2723	187193	2723
187211	2716	187217	2712	187219	2720	187223	2711	187237	2712	187273	2720	187277	2730
187303	2714	187337	2725	187339	2718	187349	2722	187361	2720	187367	2719	187373	2727
187379	2713	187387	2720	187393	2713	187409	2715	187417	2718	187423	2733	187433	2724

Table 5. Continue 22

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
187441	2728	187463	2726	187469	2725	187471	2723	187477	2724	187489	2721	187507	2721
187513	2724	187531	2724	187547	2727	187559	2716	187573	2725	187597	2716	187631	2714
187633	2720	187637	2726	187639	2730	187651	2723	187661	2725	187669	2728	187687	2724
187699	2721	187711	2724	187721	2737	187751	2720	187763	2730	187787	2720	187793	2729
187823	2729	187843	2719	187861	2730	187871	2717	187877	2731	187883	2728	187897	2732
187907	2722	187909	2726	187921	2733	187927	2722	187931	2726	187951	2729	187963	2735
187973	2730	187987	2718	188011	2723	188017	2720	188021	2726	188029	2724	188107	2720
188137	2730	188143	2727	188147	2739	188159	2725	188171	2725	188179	2736	188189	2739
188197	2721	188249	2722	188261	2725	188273	2736	188281	2734	188291	2728	188299	2738
188303	2736	188311	2730	188317	2731	188323	2720	188333	2727	188351	2736	188359	2733
188369	2736	188389	2723	188401	2733	188407	2732	188417	2728	188431	2722	188437	2734
188443	2724	188459	2721	188473	2734	188483	2745	188491	2730	188519	2729	188527	2728
188533	2729	188563	2735	188579	2728	188603	2721	188609	2751	188621	2737	188633	2730
188653	2732	188677	2725	188681	2722	188687	2737	188693	2742	188701	2732	188707	2725
188711	2731	188719	2728	188729	2743	188753	2725	188767	2735	188779	2733	188791	2725
188801	2746	188827	2735	188831	2731	188833	2727	188843	2735	188857	2730	188861	2729
188863	2735	188869	2734	188891	2735	188911	2748	188927	2727	188933	2729	188939	2731
188941	2735	188953	2740	188957	2724	188983	2730	188999	2733	189011	2743	189017	2734
189019	2727	189041	2751	189043	2739	189061	2726	189067	2727	189127	2748	189139	2743
189149	2727	189151	2729	189169	2733	189187	2741	189199	2733	189223	2741	189229	2731
189239	2736	189251	2742	189253	2728	189257	2741	189271	2740	189307	2731	189311	2725
189337	2737	189347	2725	189349	2742	189353	2738	189361	2747	189377	2733	189389	2741
189391	2737	189401	2740	189407	2745	189421	2736	189433	2748	189437	2744	189439	2752
189463	2736	189467	2743	189473	2742	189479	2731	189491	2738	189493	2731	189509	2739
189517	2732	189523	2735	189529	2738	189547	2736	189559	2735	189583	2739	189593	2737
189599	2727	189613	2730	189617	2731	189619	2737	189643	2742	189653	2736	189661	2737
189671	2747	189691	2737	189697	2744	189701	2748	189713	2741	189733	2730	189743	2733
189757	2739	189767	2741	189797	2744	189799	2743	189817	2751	189823	2743	189851	2735
189853	2752	189859	2736	189877	2745	189881	2747	189887	2740	189901	2748	189913	2737
189929	2748	189947	2748	189949	2734	189961	2743	189967	2747	189977	2748	189983	2738
189989	2739	189997	2739	190027	2745	190031	2750	190051	2744	190063	2736	190093	2739
190097	2750	190121	2753	190129	2749	190147	2745	190159	2741	190181	2738	190207	2744
190243	2746	190249	2741	190261	2743	190271	2744	190283	2732	190297	2746	190301	2746
190313	2754	190321	2740	190331	2750	190339	2747	190357	2756	190367	2737	190369	2753
190387	2751	190391	2746	190403	2755	190409	2750	190471	2757	190507	2755	190523	2749
190529	2751	190537	2745	190543	2755	190573	2726	190577	2743	190579	2735	190583	2742
190591	2749	190607	2745	190613	2748	190633	2738	190639	2758	190649	2755	190657	2745
190667	2742	190669	2751	190699	2755	190709	2757	190711	2745	190717	2741	190753	2743
190759	2753	190763	2751	190769	2748	190783	2747	190787	2764	190793	2745	190807	2739
190811	2745	190823	2751	190829	2742	190837	2749	190843	2743	190871	2755	190889	2746
190891	2758	190901	2746	190909	2753	190913	2750	190921	2747	190979	2753	190997	2756
191021	2758	191027	2746	191033	2749	191039	2750	191047	2755	191057	2753	191071	2745
191089	2738	191099	2742	191119	2754	191123	2750	191137	2749	191141	2747	191143	2755
191161	2761	191173	2754	191189	2765	191227	2753	191231	2756	191237	2750	191249	2751
191251	2748	191281	2754	191297	2736	191299	2754	191339	2751	191341	2740	191353	2750
191413	2744	191441	2761	191447	2741	191449	2744	191453	2749	191459	2745	191461	2741
191467	2749	191473	2755	191491	2748	191497	2758	191507	2752	191509	2754	191519	2748
191531	2747	191533	2752	191537	2751	191551	2764	191561	2749	191563	2757	191579	2749

Table 5. Continue 23

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
191599	2746	191621	2760	191627	2751	191657	2754	191669	2747	191671	2747	191677	2768
191689	2754	191693	2752	191699	2757	191707	2754	191717	2761	191747	2749	191749	2754
191773	2756	191783	2759	191791	2757	191801	2755	191803	2768	191827	2754	191831	2755
191833	2758	191837	2752	191861	2757	191899	2757	191903	2761	191911	2757	191929	2768
191953	2751	191969	2770	191977	2759	191999	2754	192007	2754	192013	2753	192029	2752
192037	2750	192043	2763	192047	2759	192053	2753	192091	2766	192097	2760	192103	2763
192113	2766	192121	2765	192133	2737	192149	2756	192161	2761	192173	2760	192187	2759
192191	2765	192193	2755	192229	2746	192233	2757	192239	2753	192251	2767	192259	2759
192263	2752	192271	2767	192307	2765	192317	2755	192319	2766	192323	2763	192341	2759
192343	2757	192347	2767	192373	2750	192377	2761	192383	2768	192391	2766	192407	2765
192431	2748	192461	2759	192463	2764	192497	2773	192499	2763	192529	2753	192539	2763
192547	2768	192553	2768	192557	2762	192571	2760	192581	2764	192583	2766	192587	2761
192601	2765	192611	2764	192613	2763	192617	2762	192629	2757	192631	2769	192637	2752
192667	2761	192677	2764	192697	2763	192721	2774	192737	2765	192743	2759	192749	2758
192757	2775	192767	2754	192781	2760	192791	2768	192799	2765	192811	2759	192817	2756
192833	2777	192847	2770	192853	2768	192859	2762	192877	2772	192883	2769	192887	2771
192889	2763	192917	2760	192923	2761	192931	2767	192949	2764	192961	2765	192971	2764
192977	2771	192979	2776	192991	2765	193003	2761	193009	2756	193013	2769	193031	2776
193043	2753	193051	2770	193057	2759	193073	2774	193093	2758	193133	2768	193139	2766
193147	2771	193153	2761	193163	2766	193181	2783	193183	2769	193189	2765	193201	2787
193243	2771	193247	2772	193261	2760	193283	2759	193301	2756	193327	2773	193337	2767
193357	2772	193367	2769	193373	2774	193379	2762	193381	2769	193387	2766	193393	2770
193423	2769	193433	2763	193441	2765	193447	2778	193451	2759	193463	2766	193469	2769
193493	2767	193507	2765	193513	2762	193541	2761	193549	2768	193559	2772	193573	2767
193577	2764	193597	2765	193601	2772	193603	2765	193607	2770	193619	2781	193649	2774
193663	2765	193679	2773	193703	2766	193723	2774	193727	2778	193741	2776	193751	2779
193757	2772	193763	2775	193771	2768	193789	2771	193793	2772	193799	2776	193811	2770
193813	2780	193841	2766	193847	2777	193859	2783	193861	2757	193871	2766	193873	2774
193877	2772	193883	2759	193891	2770	193937	2767	193939	2782	193943	2777	193951	2768
193957	2775	193979	2763	193993	2770	194003	2783	194017	2772	194027	2769	194057	2779
194069	2779	194071	2771	194083	2766	194087	2769	194093	2783	194101	2778	194113	2772
194119	2765	194141	2769	194149	2777	194167	2773	194179	2776	194197	2771	194203	2784
194239	2781	194263	2778	194267	2772	194269	2777	194309	2772	194323	2774	194353	2767
194371	2785	194377	2786	194413	2772	194431	2777	194443	2782	194471	2774	194479	2780
194483	2774	194507	2775	194521	2766	194527	2779	194543	2783	194569	2770	194581	2778
194591	2774	194609	2781	194647	2783	194653	2776	194659	2785	194671	2783	194681	2778
194683	2768	194687	2775	194707	2787	194713	2782	194717	2783	194723	2773	194729	2789
194749	2789	194767	2783	194771	2773	194809	2778	194813	2790	194819	2780	194827	2776
194839	2775	194861	2780	194863	2783	194867	2779	194869	2775	194891	2787	194899	2772
194911	2783	194917	2779	194933	2775	194963	2784	194977	2777	194981	2784	194989	2790
195023	2781	195029	2781	195043	2784	195047	2780	195049	2792	195053	2786	195071	2785
195077	2786	195089	2785	195103	2785	195121	2779	195127	2783	195131	2783	195137	2788
195157	2790	195161	2782	195163	2798	195193	2783	195197	2771	195203	2783	195229	2795
195241	2774	195253	2790	195259	2790	195271	2779	195277	2777	195281	2781	195311	2782
195319	2794	195329	2780	195341	2784	195343	2779	195353	2783	195359	2774	195389	2782
195401	2770	195407	2775	195413	2785	195427	2791	195443	2782	195457	2778	195469	2784
195479	2793	195493	2786	195497	2781	195511	2776	195527	2781	195539	2787	195541	2791
195581	2781	195593	2792	195599	2781	195659	2785	195677	2784	195691	2793	195697	2777

Table 5. Continue 24

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
195709	2795	195731	2782	195733	2774	195737	2795	195739	2793	195743	2797	195751	2776
195761	2783	195781	2791	195787	2786	195791	2793	195809	2791	195817	2779	195863	2793
195869	2783	195883	2793	195887	2788	195893	2790	195907	2768	195913	2790	195919	2788
195929	2792	195931	2790	195967	2784	195971	2785	195973	2787	195977	2782	195991	2783
195997	2781	196003	2782	196033	2789	196039	2788	196043	2791	196051	2786	196073	2795
196081	2788	196087	2793	196111	2795	196117	2787	196139	2793	196159	2789	196169	2791
196171	2790	196177	2790	196181	2786	196187	2797	196193	2801	196201	2786	196247	2789
196249	2785	196271	2794	196277	2793	196279	2784	196291	2787	196303	2786	196307	2788
196331	2797	196337	2794	196379	2792	196387	2803	196429	2792	196439	2796	196453	2797
196459	2793	196477	2789	196499	2802	196501	2788	196519	2787	196523	2785	196541	2787
196543	2788	196549	2793	196561	2792	196579	2796	196583	2805	196597	2801	196613	2800
196643	2793	196657	2794	196661	2803	196663	2796	196681	2789	196687	2785	196699	2785
196709	2795	196717	2785	196727	2800	196739	2793	196751	2799	196769	2789	196771	2790
196799	2797	196817	2804	196831	2788	196837	2787	196853	2802	196871	2794	196873	2793
196879	2793	196901	2798	196907	2795	196919	2783	196927	2802	196961	2784	196991	2795
196993	2804	197003	2805	197009	2798	197023	2799	197033	2802	197059	2798	197063	2800
197077	2803	197083	2796	197089	2796	197101	2795	197117	2794	197123	2792	197137	2792
197147	2802	197159	2791	197161	2804	197203	2810	197207	2795	197221	2803	197233	2804
197243	2801	197257	2806	197261	2803	197269	2809	197273	2798	197279	2803	197293	2807
197297	2796	197299	2792	197311	2796	197339	2806	197341	2804	197347	2795	197359	2794
197369	2802	197371	2801	197381	2795	197383	2801	197389	2804	197419	2796	197423	2793
197441	2802	197453	2795	197479	2814	197507	2800	197521	2808	197539	2806	197551	2792
197567	2807	197569	2794	197573	2803	197597	2796	197599	2803	197609	2803	197621	2798
197641	2806	197647	2794	197651	2800	197677	2794	197683	2803	197689	2806	197699	2800
197711	2801	197713	2805	197741	2813	197753	2798	197759	2811	197767	2798	197773	2809
197779	2801	197803	2818	197807	2799	197831	2803	197837	2802	197887	2793	197891	2791
197893	2799	197909	2804	197921	2807	197927	2805	197933	2801	197947	2807	197957	2799
197959	2804	197963	2794	197969	2804	197971	2806	198013	2803	198017	2803	198031	2812
198043	2807	198047	2791	198073	2808	198083	2802	198091	2811	198097	2797	198109	2812
198127	2807	198139	2807	198173	2805	198179	2808	198193	2803	198197	2799	198221	2807
198223	2810	198241	2808	198251	2814	198257	2809	198259	2800	198277	2805	198281	2805
198301	2814	198313	2804	198323	2807	198337	2809	198347	2808	198349	2802	198377	2798
198391	2803	198397	2810	198409	2811	198413	2803	198427	2808	198437	2805	198439	2808
198461	2805	198463	2805	198469	2818	198479	2811	198491	2805	198503	2812	198529	2818
198533	2809	198553	2813	198571	2802	198589	2808	198593	2806	198599	2814	198613	2806
198623	2817	198637	2800	198641	2810	198647	2812	198659	2819	198673	2813	198689	2806
198701	2804	198719	2808	198733	2814	198761	2819	198769	2793	198811	2803	198817	2815
198823	2808	198827	2800	198829	2815	198833	2811	198839	2812	198841	2815	198851	2809
198859	2821	198899	2823	198901	2805	198929	2810	198937	2812	198941	2803	198943	2807
198953	2809	198959	2816	198967	2817	198971	2812	198977	2812	198997	2806	199021	2806
199033	2805	199037	2816	199039	2816	199049	2812	199081	2815	199103	2809	199109	2821
199151	2809	199153	2807	199181	2818	199193	2817	199207	2824	199211	2807	199247	2808
199261	2819	199267	2817	199289	2820	199313	2819	199321	2806	199337	2813	199343	2812
199357	2821	199373	2819	199379	2813	199399	2812	199403	2826	199411	2819	199417	2804
199429	2820	199447	2807	199453	2804	199457	2824	199483	2813	199487	2805	199489	2821
199499	2819	199501	2818	199523	2813	199559	2816	199567	2818	199583	2812	199601	2816
199603	2823	199621	2810	199637	2813	199657	2820	199669	2805	199673	2824	199679	2810
199687	2823	199697	2819	199721	2815	199729	2833	199739	2822	199741	2813	199751	2815

Table 5. Continue 25

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
199753	2821	199777	2811	199783	2809	199799	2819	199807	2831	199811	2821	199813	2827
199819	2811	199831	2810	199853	2821	199873	2819	199877	2822	199889	2816	199909	2834
199921	2819	199931	2826	199933	2818	199961	2825	199967	2822	199999	2828	200003	2822
200009	2822	200017	2823	200023	2824	200029	2813	200033	2815	200041	2822	200063	2818
200087	2820	200117	2826	200131	2825	200153	2821	200159	2827	200171	2819	200177	2823
200183	2824	200191	2827	200201	2811	200227	2836	200231	2817	200237	2813	200257	2818
200273	2802	200293	2824	200297	2827	200323	2827	200329	2827	200341	2830	200351	2822
200357	2818	200363	2810	200371	2819	200381	2830	200383	2819	200401	2819	200407	2822
200437	2822	200443	2823	200461	2829	200467	2832	200483	2810	200513	2815	200569	2824
200573	2813	200579	2819	200587	2831	200591	2832	200597	2834	200609	2820	200639	2826
200657	2827	200671	2831	200689	2809	200699	2818	200713	2829	200723	2822	200731	2823
200771	2832	200779	2829	200789	2835	200797	2818	200807	2834	200843	2824	200861	2822
200867	2827	200869	2826	200881	2818	200891	2818	200899	2834	200903	2818	200909	2823
200927	2827	200929	2832	200971	2830	200983	2828	200987	2834	200989	2838	201007	2827
201011	2826	201031	2839	201037	2820	201049	2826	201073	2830	201101	2820	201107	2832
201119	2828	201121	2823	201139	2834	201151	2825	201163	2841	201167	2826	201193	2825
201203	2828	201209	2835	201211	2828	201233	2826	201247	2825	201251	2832	201281	2832
201287	2815	201307	2828	201329	2827	201337	2827	201359	2828	201389	2817	201401	2837
201403	2835	201413	2821	201437	2832	201449	2821	201451	2820	201473	2831	201491	2835
201493	2833	201497	2836	201499	2833	201511	2833	201517	2827	201547	2838	201557	2824
201577	2827	201581	2827	201589	2829	201599	2832	201601	2831	201611	2828	201623	2831
201629	2828	201653	2827	201661	2844	201667	2834	201673	2827	201683	2842	201701	2834
201709	2843	201731	2839	201743	2831	201757	2831	201767	2837	201769	2839	201781	2845
201787	2835	201791	2825	201797	2829	201809	2829	201821	2827	201823	2827	201827	2830
201829	2827	201833	2834	201847	2842	201881	2832	201889	2829	201893	2826	201907	2841
201911	2844	201919	2837	201923	2829	201937	2850	201947	2832	201953	2830	201961	2834
201973	2830	201979	2837	201997	2830	202001	2830	202021	2835	202031	2830	202049	2834
202061	2836	202063	2834	202067	2828	202087	2835	202099	2835	202109	2839	202121	2837
202127	2833	202129	2842	202183	2842	202187	2835	202201	2835	202219	2836	202231	2836
202243	2842	202277	2848	202289	2838	202291	2836	202309	2838	202327	2830	202339	2841
202343	2835	202357	2837	202361	2839	202381	2833	202387	2841	202393	2837	202403	2835
202409	2844	202441	2838	202471	2840	202481	2853	202493	2843	202519	2831	202529	2830
202549	2839	202567	2850	202577	2845	202591	2841	202613	2842	202621	2836	202627	2828
202637	2843	202639	2855	202661	2830	202667	2839	202679	2836	202693	2836	202717	2849
202729	2843	202733	2830	202747	2841	202751	2835	202753	2848	202757	2833	202777	2841
202799	2845	202817	2841	202823	2844	202841	2844	202859	2839	202877	2829	202879	2836
202889	2841	202907	2840	202921	2842	202931	2838	202933	2842	202949	2834	202967	2849
202973	2846	202981	2835	202987	2849	202999	2835	203011	2839	203017	2848	203023	2848
203039	2847	203051	2845	203057	2855	203117	2839	203141	2838	203173	2849	203183	2839
203207	2847	203209	2851	203213	2834	203221	2837	203227	2837	203233	2846	203249	2843
203279	2838	203293	2847	203309	2836	203311	2834	203317	2848	203321	2849	203323	2851
203339	2838	203341	2846	203351	2848	203353	2848	203363	2839	203381	2845	203383	2850
203387	2843	203393	2839	203417	2842	203419	2842	203429	2834	203431	2845	203449	2843
203459	2853	203461	2832	203531	2846	203549	2853	203563	2846	203569	2854	203579	2845
203591	2849	203617	2848	203627	2845	203641	2841	203653	2839	203657	2850	203659	2845
203663	2858	203669	2851	203713	2854	203761	2848	203767	2838	203771	2851	203773	2837
203789	2844	203807	2841	203809	2848	203821	2854	203843	2846	203857	2845	203869	2849
203873	2846	203897	2849	203909	2856	203911	2847	203921	2861	203947	2853	203953	2848

Table 5. Continue 26

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
203969	2851	203971	2857	203977	2858	203989	2850	203999	2849	204007	2853	204013	2849
204019	2855	204023	2848	204047	2864	204059	2846	204067	2858	204101	2854	204107	2857
204133	2844	204137	2847	204143	2858	204151	2859	204161	2845	204163	2854	204173	2850
204233	2853	204251	2853	204299	2860	204301	2846	204311	2843	204319	2852	204329	2851
204331	2852	204353	2857	204359	2858	204361	2853	204367	2836	204371	2855	204377	2845
204397	2851	204427	2851	204431	2850	204437	2846	204439	2859	204443	2849	204461	2860
204481	2855	204487	2855	204509	2851	204511	2840	204517	2851	204521	2858	204557	2853
204563	2861	204583	2864	204587	2855	204599	2854	204601	2843	204613	2859	204623	2852
204641	2859	204667	2853	204679	2850	204707	2858	204719	2854	204733	2852	204749	2854
204751	2860	204781	2849	204791	2849	204793	2855	204797	2862	204803	2846	204821	2856
204857	2865	204859	2851	204871	2853	204887	2859	204913	2858	204917	2847	204923	2855
204931	2848	204947	2861	204973	2875	204979	2865	204983	2854	205019	2864	205031	2859
205033	2855	205043	2858	205063	2863	205069	2843	205081	2852	205097	2864	205103	2860
205111	2850	205129	2860	205133	2858	205141	2854	205151	2864	205157	2865	205171	2861
205187	2858	205201	2860	205211	2847	205213	2853	205223	2860	205237	2872	205253	2867
205267	2850	205297	2864	205307	2858	205319	2867	205327	2852	205339	2851	205357	2862
205379	2858	205391	2859	205397	2859	205399	2866	205417	2866	205421	2857	205423	2872
205427	2853	205433	2861	205441	2870	205453	2860	205463	2874	205477	2858	205483	2858
205487	2864	205493	2867	205507	2863	205519	2863	205529	2856	205537	2852	205549	2858
205553	2855	205559	2861	205589	2861	205603	2865	205607	2868	205619	2857	205627	2851
205633	2862	205651	2873	205657	2873	205661	2860	205663	2860	205703	2863	205721	2871
205759	2868	205763	2859	205783	2866	205817	2869	205823	2862	205837	2857	205847	2864
205879	2871	205883	2848	205913	2860	205937	2866	205949	2851	205951	2860	205957	2869
205963	2864	205967	2861	205981	2863	205991	2864	205993	2872	206009	2867	206021	2869
206027	2862	206033	2851	206039	2864	206047	2870	206051	2873	206069	2864	206077	2861
206081	2865	206083	2870	206123	2855	206153	2865	206177	2870	206179	2856	206183	2873
206191	2859	206197	2878	206203	2873	206209	2873	206221	2868	206233	2861	206237	2867
206249	2868	206251	2855	206263	2863	206273	2860	206279	2871	206281	2872	206291	2869
206299	2856	206303	2875	206341	2876	206347	2880	206351	2863	206369	2873	206383	2873
206399	2867	206407	2873	206411	2867	206413	2873	206419	2867	206447	2870	206461	2866
206467	2870	206477	2861	206483	2856	206489	2867	206501	2874	206519	2864	206527	2858
206543	2869	206551	2863	206593	2874	206597	2855	206603	2862	206623	2872	206627	2868
206639	2868	206641	2870	206651	2875	206699	2874	206749	2873	206779	2866	206783	2860
206803	2869	206807	2875	206813	2877	206819	2874	206821	2865	206827	2875	206879	2869
206887	2871	206897	2869	206909	2865	206911	2871	206917	2878	206923	2865	206933	2876
206939	2865	206951	2865	206953	2870	206993	2875	207013	2867	207017	2865	207029	2873
207037	2869	207041	2863	207061	2876	207073	2870	207079	2865	207113	2880	207121	2870
207127	2877	207139	2873	207169	2866	207187	2875	207191	2870	207197	2878	207199	2877
207227	2875	207239	2867	207241	2878	207257	2870	207269	2879	207287	2873	207293	2867
207301	2877	207307	2878	207329	2871	207331	2870	207341	2875	207343	2876	207367	2876
207371	2873	207377	2884	207401	2873	207409	2882	207433	2878	207443	2876	207457	2870
207463	2881	207469	2881	207479	2861	207481	2876	207491	2871	207497	2876	207509	2874
207511	2869	207517	2881	207521	2874	207523	2873	207541	2870	207547	2877	207551	2871
207563	2864	207569	2878	207589	2875	207593	2874	207619	2879	207629	2879	207643	2894
207653	2877	207661	2864	207671	2872	207673	2867	207679	2868	207709	2873	207719	2890
207721	2884	207743	2881	207763	2875	207769	2870	207797	2875	207799	2878	207811	2883
207821	2866	207833	2874	207847	2887	207869	2890	207877	2881	207923	2885	207931	2885
207941	2875	207947	2873	207953	2887	207967	2876	207971	2870	207973	2884	207997	2887

Table 5. Continue 27

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
208001	2882	208003	2886	208009	2881	208037	2871	208049	2878	208057	2880	208067	2876
208073	2887	208099	2873	208111	2888	208121	2883	208129	2886	208139	2876	208141	2870
208147	2874	208189	2880	208207	2888	208213	2879	208217	2889	208223	2883	208231	2884
208253	2883	208261	2889	208277	2882	208279	2883	208283	2887	208291	2883	208309	2884
208319	2883	208333	2885	208337	2866	208367	2885	208379	2897	208387	2882	208391	2882
208393	2884	208409	2880	208433	2880	208441	2885	208457	2882	208459	2887	208463	2884
208469	2892	208489	2881	208493	2891	208499	2872	208501	2886	208511	2886	208513	2891
208519	2881	208529	2875	208553	2881	208577	2892	208589	2884	208591	2885	208609	2891
208627	2884	208631	2880	208657	2886	208667	2883	208673	2889	208687	2874	208697	2884
208699	2886	208721	2883	208729	2886	208739	2883	208759	2889	208787	2885	208799	2892
208807	2901	208837	2887	208843	2873	208849	2891	208877	2890	208889	2883	208891	2894
208907	2888	208927	2887	208931	2881	208933	2878	208961	2887	208963	2882	208991	2888
208993	2895	208997	2890	209021	2889	209029	2886	209039	2892	209063	2889	209071	2882
209089	2884	209123	2890	209147	2886	209159	2876	209173	2889	209179	2895	209189	2884
209201	2892	209203	2888	209213	2881	209221	2879	209227	2900	209233	2894	209249	2885
209257	2895	209263	2887	209267	2883	209269	2894	209299	2889	209311	2896	209317	2893
209327	2893	209333	2896	209347	2890	209353	2886	209357	2895	209359	2891	209371	2883
209381	2896	209393	2881	209401	2887	209431	2888	209441	2895	209449	2884	209459	2895
209471	2886	209477	2889	209497	2889	209519	2897	209533	2898	209543	2890	209549	2871
209563	2896	209567	2886	209569	2894	209579	2886	209581	2898	209597	2904	209621	2887
209623	2895	209639	2886	209647	2890	209659	2893	209669	2888	209687	2891	209701	2886
209707	2888	209717	2884	209719	2893	209743	2893	209767	2885	209771	2887	209789	2878
209801	2902	209809	2890	209813	2899	209819	2885	209821	2896	209837	2884	209851	2892
209857	2893	209861	2895	209887	2891	209917	2906	209927	2901	209929	2890	209939	2891
209953	2891	209959	2888	209971	2894	209977	2904	209983	2896	209987	2892	210011	2886
210019	2898	210031	2883	210037	2898	210053	2900	210071	2894	210097	2895	210101	2898
210109	2902	210113	2880	210127	2895	210131	2899	210139	2892	210143	2898	210157	2891
210169	2899	210173	2903	210187	2895	210191	2897	210193	2892	210209	2900	210229	2901
210233	2893	210241	2902	210247	2892	210257	2894	210263	2894	210277	2900	210283	2897
210299	2904	210317	2900	210319	2899	210323	2902	210347	2894	210359	2900	210361	2884
210391	2898	210401	2899	210403	2897	210407	2908	210421	2894	210437	2901	210461	2896
210467	2894	210481	2902	210487	2891	210491	2901	210499	2895	210523	2897	210527	2903
210533	2911	210557	2907	210599	2901	210601	2901	210619	2903	210631	2902	210643	2897
210659	2894	210671	2907	210709	2903	210713	2897	210719	2899	210731	2891	210739	2888
210761	2905	210773	2899	210803	2905	210809	2895	210811	2904	210823	2893	210827	2907
210839	2901	210853	2901	210857	2893	210869	2904	210901	2898	210907	2897	210911	2906
210913	2894	210923	2897	210929	2909	210943	2900	210961	2906	210967	2908	211007	2904
211039	2905	211049	2908	211051	2897	211061	2898	211063	2901	211067	2906	211073	2893
211093	2906	211097	2898	211129	2905	211151	2904	211153	2908	211177	2897	211187	2897
211193	2897	211199	2905	211213	2907	211217	2915	211219	2900	211229	2916	211231	2895
211241	2902	211247	2919	211271	2907	211283	2903	211291	2895	211297	2911	211313	2904
211319	2906	211333	2906	211339	2900	211349	2901	211369	2907	211373	2898	211403	2894
211427	2906	211433	2908	211441	2904	211457	2923	211469	2900	211493	2899	211499	2908
211501	2902	211507	2909	211543	2900	211559	2904	211571	2907	211573	2908	211583	2910
211597	2909	211619	2888	211639	2903	211643	2909	211657	2897	211661	2907	211663	2900
211681	2912	211691	2918	211693	2910	211711	2916	211723	2912	211727	2902	211741	2907
211747	2916	211777	2902	211781	2907	211789	2904	211801	2910	211811	2917	211817	2908
211859	2898	211867	2909	211873	2902	211877	2909	211879	2911	211889	2905	211891	2904

Table 5. Continue 28

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
211927	2905	211931	2923	211933	2902	211943	2914	211949	2917	211969	2907	211979	2901
211997	2915	212029	2905	212039	2907	212057	2912	212081	2919	212099	2919	212117	2917
212123	2900	212131	2912	212141	2914	212161	2913	212167	2915	212183	2910	212203	2923
212207	2910	212209	2924	212227	2909	212239	2911	212243	2913	212281	2901	212293	2920
212297	2915	212353	2913	212369	2907	212383	2913	212411	2917	212419	2903	212423	2916
212437	2920	212447	2904	212453	2915	212461	2920	212467	2908	212479	2912	212501	2916
212507	2918	212521	2919	212557	2914	212561	2909	212573	2913	212579	2913	212587	2908
212593	2910	212627	2906	212633	2914	212651	2911	212669	2917	212671	2921	212677	2914
212683	2902	212701	2922	212777	2914	212791	2920	212801	2920	212827	2917	212837	2920
212843	2910	212851	2920	212867	2912	212869	2914	212873	2912	212881	2918	212897	2918
212903	2916	212909	2919	212917	2904	212923	2917	212969	2930	212981	2924	212987	2910
212999	2919	213019	2925	213023	2905	213029	2912	213043	2913	213067	2922	213079	2920
213091	2917	213097	2915	213119	2923	213131	2919	213133	2910	213139	2928	213149	2912
213173	2921	213181	2925	213193	2912	213203	2920	213209	2918	213217	2914	213223	2920
213229	2909	213247	2924	213253	2908	213263	2916	213281	2915	213287	2918	213289	2926
213307	2911	213319	2929	213329	2917	213337	2921	213349	2919	213359	2915	213361	2927
213383	2927	213391	2918	213397	2917	213407	2916	213449	2915	213461	2924	213467	2919
213481	2921	213491	2928	213523	2932	213533	2917	213539	2937	213553	2928	213557	2920
213589	2922	213599	2924	213611	2930	213613	2921	213623	2923	213637	2919	213641	2921
213649	2929	213659	2922	213713	2926	213721	2927	213727	2932	213737	2933	213751	2930
213791	2930	213799	2924	213821	2930	213827	2926	213833	2928	213847	2915	213859	2926
213881	2923	213887	2923	213901	2924	213919	2915	213929	2932	213943	2918	213947	2918
213949	2923	213953	2913	213973	2928	213977	2931	213989	2916	214003	2924	214007	2929
214009	2938	214021	2924	214031	2923	214033	2928	214043	2922	214051	2924	214063	2931
214069	2937	214087	2940	214091	2920	214129	2936	214133	2922	214141	2923	214147	2928
214163	2919	214177	2927	214189	2925	214211	2928	214213	2928	214219	2927	214237	2928
214243	2915	214259	2928	214283	2931	214297	2929	214309	2926	214351	2929	214363	2927
214369	2934	214373	2932	214381	2937	214391	2927	214399	2927	214433	2928	214439	2926
214451	2932	214457	2922	214463	2926	214469	2927	214481	2923	214483	2933	214499	2926
214507	2923	214517	2926	214519	2932	214531	2932	214541	2933	214559	2921	214561	2925
214589	2919	214603	2922	214607	2931	214631	2930	214639	2934	214651	2922	214657	2926
214663	2930	214667	2939	214673	2921	214691	2931	214723	2936	214729	2922	214733	2923
214741	2924	214759	2921	214763	2921	214771	2922	214783	2925	214787	2937	214789	2922
214807	2938	214811	2923	214817	2927	214831	2933	214849	2934	214853	2918	214867	2933
214883	2945	214891	2931	214913	2931	214939	2937	214943	2927	214967	2928	214987	2934
214993	2938	215051	2938	215063	2933	215077	2937	215087	2935	215123	2937	215141	2936
215143	2934	215153	2935	215161	2938	215179	2921	215183	2927	215191	2938	215197	2943
215239	2933	215249	2929	215261	2917	215273	2937	215279	2929	215297	2933	215309	2927
215317	2926	215329	2931	215351	2933	215353	2942	215359	2930	215381	2927	215389	2938
215393	2947	215399	2935	215417	2930	215443	2928	215447	2931	215459	2938	215461	2937
215471	2935	215483	2930	215497	2935	215503	2931	215507	2925	215521	2930	215531	2939
215563	2930	215573	2942	215587	2944	215617	2940	215653	2935	215659	2937	215681	2951
215687	2935	215689	2935	215693	2941	215723	2938	215737	2933	215753	2920	215767	2942
215771	2926	215797	2940	215801	2944	215827	2935	215833	2939	215843	2923	215851	2943
215857	2939	215863	2957	215893	2928	215899	2939	215909	2931	215921	2939	215927	2927
215939	2921	215953	2935	215959	2950	215981	2940	215983	2929	216023	2937	216037	2937
216061	2943	216071	2943	216091	2931	216103	2936	216107	2950	216113	2937	216119	2939
216127	2936	216133	2941	216149	2944	216157	2939	216173	2937	216179	2945	216211	2943

Table 5. Continue 29

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
216217	2948	216233	2938	216259	2936	216263	2937	216289	2939	216317	2944	216319	2946
216329	2943	216347	2938	216371	2941	216373	2939	216379	2944	216397	2932	216401	2937
216421	2935	216431	2942	216451	2944	216481	2950	216493	2947	216509	2950	216523	2946
216551	2945	216553	2945	216569	2943	216571	2955	216577	2939	216607	2939	216617	2941
216641	2932	216647	2942	216649	2940	216653	2940	216661	2936	216679	2952	216703	2948
216719	2946	216731	2952	216743	2943	216751	2947	216757	2947	216761	2939	216779	2942
216781	2953	216787	2953	216791	2938	216803	2950	216829	2948	216841	2942	216851	2947
216859	2943	216877	2949	216899	2943	216901	2945	216911	2959	216917	2945	216919	2945
216947	2948	216967	2939	216973	2938	216991	2949	217001	2955	217003	2943	217027	2941
217033	2946	217057	2950	217069	2947	217081	2948	217111	2948	217117	2942	217121	2944
217157	2945	217163	2950	217169	2956	217199	2947	217201	2947	217207	2941	217219	2945
217223	2950	217229	2947	217241	2947	217253	2940	217271	2941	217307	2956	217309	2947
217313	2949	217319	2949	217333	2951	217337	2958	217339	2943	217351	2942	217361	2943
217363	2946	217367	2958	217369	2953	217387	2952	217397	2961	217409	2949	217411	2944
217421	2942	217429	2952	217439	2948	217457	2950	217463	2947	217489	2951	217499	2953
217517	2965	217519	2953	217559	2942	217561	2968	217573	2946	217577	2952	217579	2953
217619	2948	217643	2951	217661	2946	217667	2958	217681	2956	217687	2951	217691	2954
217697	2950	217717	2950	217727	2959	217733	2949	217739	2955	217747	2943	217771	2960
217781	2951	217793	2955	217823	2945	217829	2959	217849	2948	217859	2945	217901	2950
217907	2953	217909	2960	217933	2940	217937	2957	217969	2945	217979	2956	217981	2953
218003	2960	218021	2966	218047	2946	218069	2958	218077	2958	218081	2958	218083	2957
218087	2953	218089	2956	218107	2944	218111	2955	218117	2962	218131	2966	218137	2958
218143	2969	218149	2964	218171	2950	218191	2959	218213	2956	218227	2958	218233	2960
218249	2957	218279	2957	218287	2954	218357	2961	218363	2941	218371	2953	218381	2959
218389	2952	218401	2949	218417	2945	218419	2951	218423	2953	218437	2956	218447	2955
218453	2950	218459	2960	218461	2955	218479	2955	218509	2960	218513	2960	218521	2951
218527	2955	218531	2958	218549	2962	218551	2959	218579	2948	218591	2956	218599	2954
218611	2959	218623	2950	218627	2963	218629	2973	218641	2959	218651	2960	218657	2956
218677	2960	218681	2960	218711	2950	218717	2971	218719	2961	218723	2960	218737	2956
218749	2961	218761	2967	218783	2967	218797	2948	218809	2957	218819	2972	218833	2960
218839	2972	218843	2960	218849	2955	218857	2969	218873	2966	218887	2955	218923	2960
218941	2954	218947	2970	218963	2958	218969	2969	218971	2957	218987	2966	218989	2958
218993	2959	219001	2968	219017	2969	219019	2956	219031	2961	219041	2956	219053	2960
219059	2954	219071	2960	219083	2955	219091	2954	219097	2955	219103	2974	219119	2959
219133	2968	219143	2964	219169	2961	219187	2972	219217	2956	219223	2966	219251	2953
219277	2977	219281	2964	219293	2969	219301	2957	219311	2968	219313	2967	219353	2966
219361	2975	219371	2961	219377	2964	219389	2960	219407	2972	219409	2959	219433	2963
219437	2964	219451	2963	219463	2964	219467	2964	219491	2962	219503	2964	219517	2965
219523	2958	219529	2965	219533	2971	219547	2963	219577	2968	219587	2964	219599	2963
219607	2955	219613	2964	219619	2965	219629	2964	219647	2964	219649	2967	219677	2968
219679	2965	219683	2965	219689	2965	219707	2960	219721	2963	219727	2967	219731	2964
219749	2963	219757	2952	219761	2965	219763	2965	219767	2963	219787	2968	219797	2969
219799	2975	219809	2966	219823	2973	219829	2975	219839	2962	219847	2973	219851	2964
219871	2961	219881	2974	219889	2971	219911	2971	219917	2963	219931	2961	219937	2964
219941	2970	219943	2969	219953	2963	219959	2968	219971	2970	219977	2975	219979	2967
219983	2965	220009	2958	220013	2974	220019	2961	220021	2963	220057	2970	220063	2973
220123	2979	220141	2967	220147	2973	220151	2965	220163	2974	220169	2963	220177	2967
220189	2971	220217	2970	220243	2973	220279	2971	220291	2958	220301	2973	220307	2970

Table 5. Continue 30

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
220327	2969	220333	2976	220351	2970	220357	2978	220361	2968	220369	2967	220373	2980
220391	2979	220399	2976	220403	2971	220411	2967	220421	2974	220447	2972	220469	2970
220471	2980	220511	2975	220513	2982	220529	2960	220537	2975	220543	2964	220553	2971
220559	2963	220573	2969	220579	2966	220589	2977	220613	2964	220663	2975	220667	2972
220673	2978	220681	2970	220687	2976	220699	2970	220709	2977	220721	2972	220747	2991
220757	2974	220771	2970	220783	2971	220789	2969	220793	2975	220807	2987	220811	2970
220841	2980	220859	2977	220861	2980	220873	2992	220877	2975	220879	2970	220889	2978
220897	2987	220901	2964	220903	2965	220907	2972	220919	2984	220931	2979	220933	2978
220939	2977	220973	2972	221021	2975	221047	2982	221059	2988	221069	2968	221071	2978
221077	2978	221083	2972	221087	2978	221093	2981	221101	2979	221159	2983	221171	2974
221173	2989	221197	2970	221201	2977	221203	2970	221209	2970	221219	2992	221227	2984
221233	2974	221239	2979	221251	2985	221261	2983	221281	2970	221303	2981	221311	2987
221317	2970	221327	2980	221393	2970	221399	2974	221401	2986	221411	2967	221413	2973
221447	2984	221453	2984	221461	2986	221471	2970	221477	2970	221489	2982	221497	2988
221509	2981	221537	2978	221539	2977	221549	2980	221567	2982	221581	2975	221587	2984
221603	2977	221621	2981	221623	2986	221653	2987	221657	2978	221659	2992	221671	2978
221677	2981	221707	2985	221713	2974	221717	2987	221719	2978	221723	2978	221729	2985
221737	2981	221747	2970	221773	2982	221797	2992	221807	2980	221813	2988	221827	2985
221831	2991	221849	2973	221873	2978	221891	2993	221909	2982	221941	2992	221951	2978
221953	2977	221957	2987	221987	2986	221989	2981	221999	2984	222007	2981	222011	2980
222023	2984	222029	2986	222041	2982	222043	2981	222059	2983	222067	2980	222073	2985
222107	2990	222109	2978	222113	2974	222127	2978	222137	2989	222149	2974	222151	2986
222161	2977	222163	2987	222193	2988	222197	2983	222199	2979	222247	2978	222269	2989
222289	2996	222293	2991	222311	2978	222317	2992	222323	2993	222329	2981	222337	2984
222347	2978	222349	2988	222361	2986	222367	2985	222379	2979	222389	2986	222403	2978
222419	2979	222437	2993	222461	2977	222493	2975	222499	2988	222511	2990	222527	2995
222533	2987	222553	3002	222557	2995	222587	2993	222601	2988	222613	2994	222619	2975
222643	2981	222647	2987	222659	2990	222679	2994	222707	2982	222713	2988	222731	2993
222773	2988	222779	2993	222787	2972	222791	2992	222793	2989	222799	2989	222823	2983
222839	2991	222841	2989	222857	2993	222863	2990	222877	2981	222883	2996	222913	2997
222919	3006	222931	2992	222941	2991	222947	2987	222953	2984	222967	2992	222977	2990
222979	2990	222991	2982	223007	2989	223009	2995	223019	2993	223037	2992	223049	2998
223051	2981	223061	2995	223063	2992	223087	2995	223099	2983	223103	2992	223129	2989
223133	3002	223151	2991	223207	3009	223211	2995	223217	2992	223219	2997	223229	2985
223241	2988	223243	2990	223247	2999	223253	2995	223259	2985	223273	2988	223277	2986
223283	3002	223291	2997	223303	3000	223313	2999	223319	2988	223331	2993	223337	2996
223339	3002	223361	2999	223367	2990	223381	2988	223403	2990	223423	2981	223429	2982
223439	2993	223441	2988	223463	2981	223469	2997	223481	2996	223493	2998	223507	2988
223529	2995	223543	2984	223547	2997	223549	2991	223577	2981	223589	2984	223621	3002
223633	2997	223637	2997	223667	2994	223679	2991	223681	2998	223697	2993	223711	2997
223747	3004	223753	2997	223757	2986	223759	2993	223781	2992	223823	3006	223829	3000
223831	2998	223837	2993	223841	2995	223843	2995	223849	3005	223903	3005	223919	2999
223921	3009	223939	2990	223963	3000	223969	2995	223999	2998	224011	2993	224027	2994
224033	2999	224041	2997	224047	3001	224057	3000	224069	2996	224071	3001	224101	2997
224113	3000	224129	2996	224131	3010	224149	2998	224153	2985	224171	3001	224177	2988
224197	2994	224201	3007	224209	3007	224221	2992	224233	2988	224239	2993	224251	3002
224261	3004	224267	3000	224291	2998	224299	3006	224303	2999	224309	2998	224317	3005
224327	2998	224351	3003	224359	2996	224363	3016	224401	3005	224423	3002	224429	2996

Table 5. Continue 31

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
224443	3005	224449	3001	224461	3005	224467	2999	224473	3004	224491	3008	224501	3005
224513	3000	224527	2996	224563	2990	224569	3000	224579	2997	224591	3002	224603	3006
224611	3007	224617	3000	224629	3007	224633	3007	224669	3004	224677	3001	224683	3002
224699	3007	224711	3001	224717	3000	224729	3000	224737	3010	224743	3001	224759	2999
224771	3003	224797	3000	224813	3010	224831	3012	224863	3004	224869	3000	224881	3009
224891	3007	224897	3003	224909	3011	224911	3005	224921	3004	224929	3007	224947	3006
224951	3010	224969	3016	224977	3013	224993	3007	225023	3002	225037	3008	225061	2998
225067	3017	225077	3011	225079	3010	225089	3013	225109	3005	225119	3003	225133	3005
225143	3003	225149	3008	225157	3010	225161	3008	225163	3004	225167	3007	225217	3001
225221	2994	225223	3010	225227	3016	225241	3013	225257	3011	225263	3008	225287	3017
225289	3006	225299	3003	225307	3011	225341	3004	225343	3010	225347	3004	225349	3014
225353	2997	225371	3009	225373	3007	225383	3009	225427	3005	225431	3017	225457	3015
225461	3002	225479	2999	225493	3018	225499	3005	225503	3001	225509	3005	225523	3007
225527	3016	225529	3007	225569	3019	225581	3009	225583	3006	225601	2997	225611	3011
225613	3013	225619	3008	225629	3010	225637	2998	225671	3010	225683	3018	225689	3008
225697	3011	225721	3005	225733	3011	225749	3002	225751	3003	225767	3012	225769	3008
225779	3006	225781	2998	225809	3013	225821	2997	225829	3019	225839	3004	225859	3016
225871	3011	225889	3010	225919	3009	225931	3017	225941	3005	225943	3023	225949	3012
225961	3011	225977	3016	225983	3013	225989	3017	226001	3011	226007	3012	226013	3011
226027	3010	226063	3007	226087	3012	226099	3005	226103	3013	226123	3011	226129	3018
226133	2998	226141	3023	226169	3020	226183	3019	226189	3013	226199	3014	226201	3024
226217	3015	226231	3023	226241	3017	226267	3015	226283	3011	226307	3012	226313	3015
226337	3015	226357	3016	226367	3004	226379	3018	226381	3001	226397	3011	226409	3013
226427	3009	226433	3027	226451	3011	226453	3007	226463	3014	226483	3012	226487	3012
226511	3017	226531	3028	226547	3014	226549	3014	226553	3024	226571	3007	226601	3013
226609	3022	226621	3010	226631	3016	226637	3032	226643	3018	226649	3020	226657	3008
226663	3021	226669	3015	226691	3014	226697	3021	226741	3016	226753	3016	226769	3011
226777	3031	226783	3011	226789	3021	226799	3020	226813	3030	226817	3025	226819	3016
226823	3023	226843	3019	226871	3011	226901	3012	226903	3023	226907	3014	226913	3017
226937	3033	226943	3016	226981	3020	226991	3026	227011	3026	227027	3018	227053	3025
227081	3017	227089	3015	227093	3027	227111	3015	227113	3010	227131	3023	227147	3020
227153	3011	227159	3021	227167	3021	227177	3019	227189	3022	227191	3026	227207	3028
227219	3026	227231	3011	227233	3015	227251	3012	227257	3011	227267	3025	227281	3026
227299	3024	227303	3029	227363	3025	227371	3017	227377	3023	227387	3013	227393	3022
227399	3031	227407	3024	227419	3019	227431	3016	227453	3021	227459	3020	227467	3029
227471	3032	227473	3026	227489	3020	227497	3018	227501	3013	227519	3021	227531	3024
227533	3022	227537	3013	227561	3031	227567	3019	227569	3014	227581	3017	227593	3026
227597	3010	227603	3023	227609	3024	227611	3013	227627	3029	227629	3028	227651	3021
227653	3018	227663	3026	227671	3022	227693	3023	227699	3022	227707	3019	227719	3019
227729	3026	227743	3017	227789	3022	227797	3022	227827	3022	227849	3012	227869	3027
227873	3031	227893	3027	227947	3025	227951	3025	227977	3024	227989	3040	227993	3016
228013	3012	228023	3018	228049	3030	228061	3028	228077	3031	228097	3027	228103	3027
228113	3033	228127	3028	228131	3019	228139	3032	228181	3024	228197	3027	228199	3019
228203	3036	228211	3033	228223	3024	228233	3032	228251	3028	228257	3032	228281	3011
228299	3034	228301	3023	228307	3030	228311	3029	228331	3022	228337	3025	228341	3025
228353	3023	228359	3030	228383	3025	228409	3025	228419	3035	228421	3029	228427	3036
228443	3032	228451	3036	228457	3032	228461	3030	228469	3028	228479	3025	228509	3029
228511	3033	228517	3041	228521	3035	228523	3033	228539	3031	228559	3034	228577	3032

Table 5. Continue 32

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
228581	3034	228587	3030	228593	3037	228601	3035	228611	3036	228617	3039	228619	3037
228637	3027	228647	3021	228677	3022	228707	3035	228713	3022	228731	3037	228733	3036
228737	3028	228751	3040	228757	3033	228773	3030	228793	3022	228797	3039	228799	3035
228829	3035	228841	3035	228847	3031	228853	3032	228859	3023	228869	3034	228881	3035
228883	3036	228887	3035	228901	3031	228911	3043	228913	3029	228923	3046	228929	3029
228953	3037	228959	3031	228961	3018	228983	3025	228989	3030	229003	3035	229027	3031
229037	3029	229081	3036	229093	3030	229123	3025	229127	3050	229133	3039	229139	3032
229153	3028	229157	3038	229171	3047	229181	3039	229189	3035	229199	3039	229213	3040
229217	3042	229223	3026	229237	3038	229247	3036	229249	3038	229253	3036	229261	3032
229267	3030	229283	3043	229309	3035	229321	3037	229343	3054	229351	3036	229373	3031
229393	3034	229399	3036	229403	3030	229409	3041	229423	3035	229433	3044	229441	3029
229459	3038	229469	3037	229487	3030	229499	3039	229507	3034	229519	3055	229529	3044
229547	3042	229549	3037	229553	3036	229561	3031	229583	3038	229589	3036	229591	3048
229601	3043	229613	3050	229627	3037	229631	3043	229637	3028	229639	3046	229681	3035
229693	3039	229699	3024	229703	3041	229711	3040	229717	3035	229727	3044	229739	3035
229751	3034	229753	3035	229759	3036	229763	3034	229769	3037	229771	3033	229777	3033
229781	3037	229799	3047	229813	3031	229819	3042	229837	3039	229841	3036	229847	3044
229849	3038	229897	3035	229903	3041	229937	3045	229939	3034	229949	3047	229961	3043
229963	3042	229979	3028	229981	3031	230003	3033	230017	3033	230047	3039	230059	3042
230063	3040	230077	3045	230081	3048	230089	3045	230101	3047	230107	3038	230117	3038
230123	3038	230137	3040	230143	3034	230149	3043	230189	3046	230203	3045	230213	3036
230221	3033	230227	3044	230233	3046	230239	3031	230257	3038	230273	3046	230281	3046
230291	3042	230303	3041	230309	3043	230311	3055	230327	3038	230339	3032	230341	3049
230353	3049	230357	3035	230369	3038	230383	3033	230387	3050	230389	3045	230393	3042
230431	3041	230449	3046	230453	3030	230467	3028	230471	3046	230479	3039	230501	3039
230507	3041	230539	3038	230551	3046	230561	3047	230563	3048	230567	3053	230597	3055
230611	3046	230647	3046	230653	3040	230663	3052	230683	3043	230693	3049	230719	3050
230729	3051	230743	3040	230761	3047	230767	3057	230771	3042	230773	3037	230779	3047
230807	3052	230819	3051	230827	3045	230833	3044	230849	3038	230861	3046	230863	3047
230873	3040	230891	3043	230929	3045	230933	3056	230939	3059	230941	3053	230959	3058
230969	3052	230977	3045	230999	3053	231001	3058	231017	3043	231019	3053	231031	3049
231041	3054	231053	3051	231067	3028	231079	3050	231107	3047	231109	3040	231131	3054
231169	3056	231197	3056	231223	3043	231241	3052	231269	3042	231271	3049	231277	3050
231289	3040	231293	3044	231299	3050	231317	3067	231323	3050	231331	3049	231347	3047
231349	3044	231359	3046	231367	3051	231379	3045	231409	3061	231419	3043	231431	3059
231433	3046	231443	3050	231461	3053	231463	3050	231479	3041	231481	3046	231493	3053
231503	3066	231529	3051	231533	3058	231547	3059	231551	3054	231559	3051	231563	3064
231571	3048	231589	3057	231599	3045	231607	3053	231611	3044	231613	3053	231631	3055
231643	3049	231661	3056	231677	3054	231701	3042	231709	3052	231719	3041	231779	3057
231799	3043	231809	3046	231821	3056	231823	3053	231827	3061	231839	3054	231841	3052
231859	3058	231871	3058	231877	3066	231893	3066	231901	3048	231919	3065	231923	3051
231943	3051	231947	3057	231961	3055	231967	3049	232003	3066	232007	3058	232013	3066
232049	3049	232051	3050	232073	3056	232079	3051	232081	3062	232091	3049	232103	3056
232109	3043	232117	3056	232129	3056	232153	3061	232171	3049	232187	3042	232189	3056
232207	3059	232217	3049	232259	3059	232303	3069	232307	3055	232333	3059	232357	3055
232363	3051	232367	3063	232381	3059	232391	3052	232409	3065	232411	3053	232417	3056
232433	3062	232439	3055	232451	3052	232457	3050	232459	3050	232487	3048	232499	3052
232513	3045	232523	3065	232549	3074	232567	3052	232571	3050	232591	3057	232597	3063

Table 5. Continue 33

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
232607	3064	232621	3049	232633	3067	232643	3046	232663	3055	232669	3061	232681	3060
232699	3061	232709	3056	232711	3055	232741	3060	232751	3061	232753	3057	232777	3051
232801	3052	232811	3063	232819	3061	232823	3059	232847	3054	232853	3064	232861	3063
232871	3054	232877	3069	232891	3060	232901	3057	232907	3067	232919	3063	232937	3062
232961	3070	232963	3058	232987	3068	233021	3066	233069	3061	233071	3073	233083	3068
233113	3076	233117	3060	233141	3056	233143	3086	233159	3060	233161	3064	233173	3060
233183	3069	233201	3067	233221	3067	233231	3065	233239	3066	233251	3057	233267	3056
233279	3067	233293	3063	233297	3061	233323	3069	233327	3060	233329	3077	233341	3064
233347	3067	233353	3064	233357	3056	233371	3069	233407	3062	233417	3063	233419	3056
233423	3068	233437	3069	233477	3062	233489	3065	233509	3054	233549	3057	233551	3065
233557	3058	233591	3069	233599	3062	233609	3069	233617	3058	233621	3069	233641	3066
233663	3070	233669	3078	233683	3070	233687	3066	233689	3066	233693	3071	233713	3066
233743	3063	233747	3061	233759	3072	233777	3067	233837	3071	233851	3070	233861	3069
233879	3080	233881	3069	233911	3061	233917	3060	233921	3076	233923	3064	233939	3067
233941	3067	233969	3063	233983	3077	233993	3064	234007	3065	234029	3079	234043	3073
234067	3070	234083	3064	234089	3078	234103	3070	234121	3070	234131	3074	234139	3070
234149	3064	234161	3068	234167	3064	234181	3058	234187	3066	234191	3079	234193	3074
234197	3063	234203	3070	234211	3070	234217	3065	234239	3073	234259	3061	234271	3078
234281	3065	234287	3058	234293	3081	234317	3083	234319	3073	234323	3067	234331	3066
234341	3060	234343	3066	234361	3077	234383	3077	234431	3069	234457	3071	234461	3069
234463	3059	234467	3079	234473	3083	234499	3074	234511	3088	234527	3063	234529	3077
234539	3082	234541	3075	234547	3072	234571	3077	234587	3070	234589	3071	234599	3073
234613	3072	234629	3079	234653	3080	234659	3070	234673	3076	234683	3074	234713	3071
234721	3067	234727	3072	234733	3071	234743	3072	234749	3080	234769	3076	234781	3071
234791	3071	234799	3062	234803	3081	234809	3077	234811	3070	234833	3077	234847	3070
234851	3071	234863	3075	234869	3074	234893	3083	234907	3084	234917	3079	234931	3080
234947	3079	234959	3065	234961	3081	234967	3068	234977	3073	234979	3079	234989	3069
235003	3078	235007	3086	235009	3076	235013	3079	235043	3076	235051	3083	235057	3071
235069	3080	235091	3070	235099	3091	235111	3072	235117	3081	235159	3084	235171	3063
235177	3081	235181	3074	235199	3087	235211	3075	235231	3073	235241	3071	235243	3082
235273	3092	235289	3073	235307	3074	235309	3080	235337	3075	235349	3078	235369	3083
235397	3084	235439	3076	235441	3070	235447	3082	235483	3072	235489	3077	235493	3077
235513	3083	235519	3084	235523	3092	235537	3072	235541	3081	235553	3080	235559	3088
235577	3083	235591	3082	235601	3081	235607	3076	235621	3076	235661	3097	235663	3080
235673	3084	235679	3079	235699	3083	235723	3075	235747	3071	235751	3066	235783	3066
235787	3067	235789	3083	235793	3077	235811	3082	235813	3083	235849	3078	235871	3082
235877	3079	235889	3076	235891	3081	235901	3072	235919	3072	235927	3076	235951	3070
235967	3081	235979	3078	235997	3076	236017	3081	236021	3070	236053	3093	236063	3090
236069	3077	236077	3083	236087	3083	236107	3082	236111	3098	236129	3085	236143	3081
236153	3087	236167	3072	236207	3092	236209	3077	236219	3079	236231	3083	236261	3083
236287	3083	236293	3087	236297	3085	236323	3087	236329	3080	236333	3094	236339	3080
236377	3079	236381	3080	236387	3086	236399	3086	236407	3087	236429	3097	236449	3089
236461	3093	236471	3079	236477	3071	236479	3092	236503	3093	236507	3091	236519	3088
236527	3076	236549	3082	236563	3073	236573	3080	236609	3097	236627	3103	236641	3083
236653	3076	236659	3094	236681	3082	236699	3090	236701	3086	236707	3079	236713	3086
236723	3095	236729	3084	236737	3102	236749	3088	236771	3084	236773	3097	236779	3091
236783	3078	236807	3092	236813	3097	236867	3089	236869	3088	236879	3093	236881	3087
236891	3087	236893	3088	236897	3088	236909	3082	236917	3075	236947	3089	236981	3088

Table 5. Continue 34

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
236983	3086	236993	3092	237011	3095	237019	3091	237043	3084	237053	3089	237067	3097
237071	3084	237073	3089	237089	3098	237091	3081	237137	3089	237143	3081	237151	3103
237157	3089	237161	3094	237163	3086	237169	3097	237173	3097	237179	3094	237203	3079
237217	3085	237233	3084	237257	3091	237271	3093	237277	3111	237283	3093	237287	3096
237301	3094	237313	3085	237319	3101	237331	3092	237343	3094	237361	3091	237373	3091
237379	3098	237401	3084	237409	3084	237467	3091	237487	3092	237509	3098	237547	3090
237563	3092	237571	3096	237581	3095	237607	3090	237619	3087	237631	3093	237673	3081
237683	3100	237689	3085	237691	3104	237701	3089	237707	3097	237733	3091	237737	3083
237749	3098	237763	3104	237767	3101	237781	3096	237791	3096	237821	3094	237851	3088
237857	3090	237859	3107	237877	3097	237883	3102	237901	3100	237911	3097	237929	3099
237959	3092	237967	3091	237971	3099	237973	3102	237977	3096	237997	3095	238001	3100
238009	3100	238019	3098	238031	3101	238037	3098	238039	3102	238079	3094	238081	3098
238093	3100	238099	3091	238103	3093	238109	3087	238141	3104	238151	3110	238157	3107
238159	3109	238163	3112	238171	3099	238181	3097	238201	3103	238207	3094	238213	3097
238223	3102	238229	3102	238237	3102	238247	3104	238261	3097	238267	3098	238291	3089
238307	3100	238313	3095	238321	3116	238331	3092	238339	3106	238361	3098	238363	3104
238369	3097	238373	3100	238397	3108	238417	3100	238423	3113	238439	3101	238451	3091
238463	3102	238471	3108	238477	3093	238481	3100	238499	3109	238519	3101	238529	3106
238531	3106	238547	3101	238573	3104	238591	3089	238627	3101	238639	3101	238649	3115
238657	3101	238673	3095	238681	3113	238691	3109	238703	3097	238709	3097	238723	3111
238727	3093	238729	3104	238747	3100	238759	3102	238781	3099	238789	3104	238801	3089
238829	3106	238837	3096	238841	3101	238853	3106	238859	3102	238877	3107	238879	3109
238883	3092	238897	3111	238919	3090	238921	3104	238939	3114	238943	3100	238949	3100
238967	3101	238991	3112	239017	3115	239023	3100	239027	3098	239053	3114	239069	3104
239081	3100	239087	3102	239119	3116	239137	3107	239147	3096	239167	3102	239171	3100
239179	3097	239201	3108	239231	3100	239233	3100	239237	3104	239243	3101	239251	3102
239263	3091	239273	3110	239287	3104	239297	3095	239329	3101	239333	3104	239347	3113
239357	3109	239383	3110	239387	3119	239389	3110	239417	3107	239423	3110	239429	3115
239431	3094	239441	3104	239461	3115	239489	3100	239509	3102	239521	3111	239527	3106
239531	3107	239539	3111	239543	3112	239557	3109	239567	3103	239579	3106	239587	3106
239597	3110	239611	3105	239623	3115	239633	3103	239641	3104	239671	3104	239689	3107
239699	3118	239711	3113	239713	3116	239731	3110	239737	3113	239753	3107	239779	3101
239783	3104	239803	3116	239807	3105	239831	3095	239843	3101	239849	3113	239851	3112
239857	3125	239873	3112	239879	3120	239893	3115	239929	3105	239933	3116	239947	3112
239957	3116	239963	3102	239977	3104	239999	3114	240007	3120	240011	3108	240017	3118
240041	3112	240043	3122	240047	3115	240049	3100	240059	3115	240073	3113	240089	3111
240101	3099	240109	3113	240113	3111	240131	3108	240139	3106	240151	3109	240169	3120
240173	3118	240197	3111	240203	3128	240209	3106	240257	3115	240259	3124	240263	3104
240271	3116	240283	3119	240287	3113	240319	3115	240341	3112	240347	3108	240349	3116
240353	3103	240371	3119	240379	3112	240421	3110	240433	3115	240437	3126	240473	3110
240479	3121	240491	3117	240503	3127	240509	3109	240517	3119	240551	3112	240571	3128
240587	3120	240589	3115	240599	3124	240607	3113	240623	3120	240631	3118	240641	3108
240659	3119	240677	3114	240701	3119	240707	3110	240719	3118	240727	3118	240733	3109
240739	3121	240743	3117	240763	3115	240769	3106	240797	3119	240811	3108	240829	3119
240841	3113	240853	3117	240859	3107	240869	3118	240881	3113	240883	3117	240893	3118
240899	3120	240913	3108	240943	3123	240953	3107	240959	3110	240967	3111	240997	3110
241013	3112	241027	3123	241037	3120	241049	3120	241051	3128	241061	3123	241067	3106
241069	3118	241079	3115	241081	3119	241093	3128	241117	3117	241127	3115	241141	3126

Table 5. Continue 35

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
241169	3127	241177	3127	241183	3118	241207	3116	241229	3116	241249	3118	241253	3123
241259	3120	241261	3116	241271	3113	241291	3122	241303	3131	241313	3117	241321	3125
241327	3121	241333	3129	241337	3109	241343	3119	241361	3130	241363	3123	241391	3119
241393	3125	241421	3128	241429	3115	241441	3127	241453	3118	241463	3131	241469	3120
241489	3118	241511	3120	241513	3127	241517	3106	241537	3126	241543	3120	241559	3126
241561	3127	241567	3119	241589	3133	241597	3128	241601	3125	241603	3128	241639	3116
241643	3124	241651	3122	241663	3116	241667	3128	241679	3128	241687	3123	241691	3118
241711	3123	241727	3125	241739	3124	241771	3121	241781	3124	241783	3120	241793	3124
241807	3125	241811	3125	241817	3122	241823	3135	241847	3124	241861	3119	241867	3141
241873	3125	241877	3132	241883	3121	241903	3130	241907	3125	241919	3128	241921	3122
241931	3119	241939	3113	241951	3132	241963	3122	241973	3124	241979	3134	241981	3121
241993	3119	242009	3125	242057	3118	242059	3121	242069	3125	242083	3128	242093	3127
242101	3131	242119	3119	242129	3125	242147	3137	242161	3123	242171	3134	242173	3132
242197	3122	242201	3132	242227	3118	242243	3142	242257	3132	242261	3126	242273	3133
242279	3126	242309	3125	242329	3126	242357	3121	242371	3135	242377	3128	242393	3144
242399	3131	242413	3127	242419	3121	242441	3122	242447	3126	242449	3132	242453	3124
242467	3127	242479	3131	242483	3122	242491	3129	242509	3139	242519	3143	242521	3136
242533	3120	242551	3142	242591	3125	242603	3127	242617	3115	242621	3131	242629	3132
242633	3122	242639	3121	242647	3134	242659	3139	242677	3126	242681	3126	242689	3136
242713	3124	242729	3125	242731	3132	242747	3119	242773	3122	242779	3140	242789	3128
242797	3131	242807	3138	242813	3131	242819	3133	242863	3125	242867	3141	242873	3136
242887	3140	242911	3133	242923	3138	242927	3131	242971	3136	242989	3136	242999	3135
243011	3130	243031	3132	243073	3132	243077	3132	243091	3131	243101	3140	243109	3129
243119	3135	243121	3137	243137	3134	243149	3133	243157	3125	243161	3130	243167	3141
243197	3131	243203	3127	243209	3129	243227	3130	243233	3130	243239	3133	243259	3136
243263	3135	243301	3134	243311	3140	243343	3143	243367	3135	243391	3143	243401	3139
243403	3127	243421	3140	243431	3140	243433	3143	243437	3147	243461	3133	243469	3122
243473	3139	243479	3121	243487	3135	243517	3133	243521	3149	243527	3144	243533	3134
243539	3132	243553	3146	243577	3142	243583	3133	243587	3139	243589	3133	243613	3140
243623	3140	243631	3130	243643	3139	243647	3136	243671	3136	243673	3136	243701	3134
243703	3139	243707	3130	243709	3142	243769	3151	243781	3151	243787	3135	243799	3140
243809	3133	243829	3137	243839	3140	243851	3132	243857	3140	243863	3141	243871	3130
243889	3142	243911	3123	243917	3143	243931	3130	243953	3142	243973	3129	243989	3142
244003	3147	244009	3136	244021	3142	244033	3144	244043	3141	244087	3135	244091	3137
244109	3146	244121	3150	244129	3129	244141	3144	244147	3138	244157	3142	244159	3135
244177	3140	244199	3143	244217	3132	244219	3152	244243	3134	244247	3147	244253	3141
244261	3131	244291	3133	244297	3142	244301	3145	244303	3135	244313	3142	244333	3141
244339	3149	244351	3137	244357	3142	244367	3145	244379	3145	244381	3147	244393	3135
244399	3142	244403	3146	244411	3139	244423	3148	244429	3135	244451	3143	244457	3146
244463	3134	244471	3143	244481	3139	244493	3144	244507	3151	244529	3138	244547	3149
244553	3154	244561	3148	244567	3137	244583	3141	244589	3141	244597	3159	244603	3138
244619	3145	244633	3142	244637	3151	244639	3149	244667	3143	244669	3130	244687	3140
244691	3138	244703	3153	244711	3146	244721	3147	244733	3135	244747	3152	244753	3141
244759	3159	244781	3151	244787	3145	244813	3134	244837	3162	244841	3139	244843	3140
244859	3155	244861	3145	244873	3140	244877	3160	244889	3143	244897	3140	244901	3148
244939	3157	244943	3146	244957	3142	244997	3145	245023	3141	245029	3147	245033	3139
245039	3140	245071	3146	245083	3147	245087	3141	245107	3139	245129	3137	245131	3150
245149	3153	245171	3150	245173	3150	245177	3152	245183	3160	245209	3164	245251	3154

Table 5. Continue 36

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
245257	3157	245261	3147	245269	3149	245279	3143	245291	3144	245299	3151	245317	3156
245321	3153	245339	3154	245383	3152	245389	3151	245407	3146	245411	3147	245417	3156
245419	3143	245437	3143	245471	3153	245473	3148	245477	3155	245501	3147	245513	3148
245519	3155	245521	3149	245527	3165	245533	3155	245561	3150	245563	3157	245587	3160
245591	3140	245593	3147	245621	3157	245627	3151	245629	3145	245639	3143	245653	3143
245671	3139	245681	3160	245683	3155	245711	3152	245719	3152	245723	3151	245741	3156
245747	3152	245753	3152	245759	3150	245771	3148	245783	3157	245789	3149	245821	3151
245849	3147	245851	3153	245863	3149	245881	3159	245897	3156	245899	3155	245909	3154
245911	3155	245941	3154	245963	3153	245977	3143	245981	3145	245983	3151	245989	3144
246011	3152	246017	3156	246049	3154	246073	3151	246097	3149	246119	3144	246121	3155
246131	3152	246133	3151	246151	3158	246167	3154	246173	3154	246187	3147	246193	3156
246203	3149	246209	3153	246217	3157	246223	3172	246241	3153	246247	3150	246251	3158
246271	3158	246277	3151	246289	3164	246317	3153	246319	3154	246329	3151	246343	3166
246349	3156	246361	3155	246371	3151	246391	3144	246403	3167	246439	3163	246469	3157
246473	3157	246497	3169	246509	3150	246511	3151	246523	3154	246527	3148	246539	3160
246557	3156	246569	3158	246577	3175	246599	3147	246607	3155	246611	3153	246613	3155
246637	3153	246641	3161	246643	3156	246661	3159	246683	3152	246689	3156	246707	3153
246709	3142	246713	3164	246731	3155	246739	3165	246769	3155	246773	3162	246781	3150
246787	3150	246793	3163	246803	3158	246809	3167	246811	3146	246817	3160	246833	3140
246839	3161	246889	3162	246899	3161	246907	3152	246913	3166	246919	3153	246923	3163
246929	3157	246931	3164	246937	3158	246941	3150	246947	3162	246971	3157	246979	3173
247001	3175	247007	3167	247031	3151	247067	3159	247069	3162	247073	3157	247087	3159
247099	3166	247141	3154	247183	3162	247193	3155	247201	3161	247223	3158	247229	3156
247241	3151	247249	3170	247259	3160	247279	3156	247301	3160	247309	3161	247337	3162
247339	3170	247343	3167	247363	3160	247369	3160	247381	3156	247391	3151	247393	3167
247409	3169	247421	3178	247433	3168	247439	3169	247451	3171	247463	3153	247501	3161
247519	3165	247529	3170	247531	3169	247547	3163	247553	3162	247579	3150	247591	3155
247601	3164	247603	3160	247607	3157	247609	3157	247613	3165	247633	3161	247649	3162
247651	3150	247691	3163	247693	3160	247697	3168	247711	3160	247717	3160	247729	3176
247739	3169	247759	3173	247769	3169	247771	3164	247781	3182	247799	3162	247811	3166
247813	3163	247829	3163	247847	3168	247853	3178	247873	3160	247879	3166	247889	3167
247901	3159	247913	3169	247939	3162	247943	3177	247957	3164	247991	3163	247993	3158
247997	3159	247999	3160	248021	3174	248033	3169	248041	3163	248051	3184	248057	3161
248063	3171	248071	3164	248077	3169	248089	3158	248099	3169	248117	3159	248119	3163
248137	3176	248141	3166	248161	3170	248167	3174	248177	3155	248179	3169	248189	3172
248201	3177	248203	3165	248231	3177	248243	3170	248257	3173	248267	3158	248291	3171
248293	3176	248299	3175	248309	3189	248317	3165	248323	3166	248351	3173	248357	3162
248371	3167	248389	3171	248401	3175	248407	3165	248431	3161	248441	3179	248447	3175
248461	3168	248473	3169	248477	3176	248483	3159	248509	3167	248533	3171	248537	3164
248543	3175	248569	3163	248579	3168	248587	3179	248593	3175	248597	3186	248609	3172
248621	3166	248627	3176	248639	3172	248641	3172	248657	3161	248683	3169	248701	3165
248707	3165	248719	3171	248723	3166	248737	3180	248749	3173	248753	3176	248779	3169
248783	3164	248789	3167	248797	3165	248813	3175	248821	3176	248827	3177	248839	3172
248851	3173	248861	3172	248867	3182	248869	3172	248879	3165	248887	3188	248891	3178
248893	3179	248903	3181	248909	3161	248971	3170	248981	3177	248987	3167	249001	3174
249017	3180	249037	3161	249059	3176	249079	3184	249089	3179	249097	3171	249103	3171
249107	3185	249127	3180	249131	3164	249133	3173	249143	3170	249181	3176	249187	3176
249199	3170	249211	3175	249217	3178	249229	3170	249233	3179	249253	3165	249257	3177

Table 5. Continue 37

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
249287	3170	249311	3170	249317	3171	249329	3175	249341	3168	249367	3178	249377	3175
249383	3183	249397	3179	249419	3181	249421	3175	249427	3175	249433	3175	249437	3164
249439	3175	249449	3187	249463	3172	249497	3168	249499	3176	249503	3187	249517	3177
249521	3180	249533	3180	249539	3186	249541	3188	249563	3176	249583	3179	249589	3187
249593	3186	249607	3179	249647	3187	249659	3171	249671	3183	249677	3180	249703	3179
249721	3183	249727	3173	249737	3173	249749	3176	249763	3177	249779	3180	249797	3176
249811	3179	249827	3186	249833	3176	249853	3179	249857	3172	249859	3177	249863	3181
249871	3172	249881	3181	249911	3178	249923	3175	249943	3177	249947	3199	249967	3186
249971	3174	249973	3195	249989	3190	250007	3189	250013	3176	250027	3183	250031	3187
250037	3180	250043	3178	250049	3177	250051	3174	250057	3183	250073	3175	250091	3180
250109	3187	250123	3183	250147	3177	250153	3184	250169	3186	250199	3174	250253	3179
250259	3180	250267	3177	250279	3183	250301	3180	250307	3175	250343	3185	250361	3182
250403	3175	250409	3179	250423	3170	250433	3185	250441	3173	250451	3180	250489	3192
250499	3187	250501	3175	250543	3184	250583	3193	250619	3172	250643	3181	250673	3181
250681	3196	250687	3190	250693	3182	250703	3185	250709	3183	250721	3185	250727	3192
250739	3185	250741	3183	250751	3191	250753	3185	250777	3185	250787	3179	250793	3191
250799	3180	250807	3188	250813	3185	250829	3182	250837	3178	250841	3188	250853	3179
250867	3186	250871	3189	250889	3180	250919	3193	250949	3191	250951	3195	250963	3190
250967	3189	250969	3188	250979	3181	250993	3182	251003	3182	251033	3187	251051	3187
251057	3180	251059	3191	251063	3191	251071	3195	251081	3191	251087	3189	251099	3193
251117	3189	251143	3187	251149	3190	251159	3186	251171	3178	251177	3184	251179	3195
251191	3185	251197	3189	251201	3177	251203	3184	251219	3184	251221	3202	251231	3191
251233	3187	251257	3186	251261	3201	251263	3195	251287	3190	251291	3201	251297	3199
251323	3193	251347	3197	251353	3197	251359	3199	251387	3196	251393	3196	251417	3193
251429	3184	251431	3185	251437	3194	251443	3200	251467	3193	251473	3198	251477	3188
251483	3204	251491	3188	251501	3191	251513	3188	251519	3196	251527	3186	251533	3190
251539	3190	251543	3183	251561	3186	251567	3193	251609	3195	251611	3202	251621	3197
251623	3186	251639	3193	251653	3188	251663	3197	251677	3215	251701	3199	251707	3200
251737	3197	251761	3204	251789	3191	251791	3194	251809	3195	251831	3187	251833	3194
251843	3195	251857	3197	251861	3192	251879	3187	251887	3198	251893	3182	251897	3185
251903	3202	251917	3184	251939	3191	251941	3188	251947	3194	251969	3191	251971	3202
251983	3198	252001	3193	252013	3198	252017	3192	252029	3184	252037	3183	252079	3190
252101	3200	252139	3208	252143	3201	252151	3199	252157	3191	252163	3197	252169	3200
252173	3187	252181	3190	252193	3186	252209	3193	252223	3183	252233	3191	252253	3200
252277	3201	252283	3194	252289	3203	252293	3202	252313	3191	252319	3204	252323	3197
252341	3192	252359	3199	252383	3199	252391	3185	252401	3205	252409	3199	252419	3206
252431	3190	252443	3196	252449	3206	252457	3193	252463	3204	252481	3195	252509	3201
252533	3198	252541	3190	252559	3207	252583	3200	252589	3202	252607	3200	252611	3199
252617	3194	252641	3205	252667	3196	252691	3191	252709	3204	252713	3210	252727	3193
252731	3186	252737	3202	252761	3201	252767	3197	252779	3203	252817	3202	252823	3208
252827	3196	252829	3200	252869	3198	252877	3199	252881	3197	252887	3204	252893	3208
252899	3203	252911	3200	252913	3195	252919	3215	252937	3203	252949	3204	252971	3197
252979	3206	252983	3204	253003	3197	253009	3206	253013	3205	253049	3198	253063	3196
253081	3203	253103	3204	253109	3199	253133	3214	253153	3211	253157	3205	253159	3214
253229	3203	253243	3200	253247	3193	253273	3191	253307	3209	253321	3211	253343	3208
253349	3204	253361	3202	253367	3219	253369	3212	253381	3210	253387	3197	253417	3201
253423	3194	253427	3203	253433	3197	253439	3199	253447	3201	253469	3204	253481	3212
253493	3197	253501	3199	253507	3203	253531	3209	253537	3204	253543	3204	253553	3201

Table 5. Continue 38

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
253567	3206	253573	3211	253601	3205	253607	3206	253609	3206	253613	3211	253633	3205
253637	3227	253639	3208	253651	3201	253661	3215	253679	3198	253681	3212	253703	3201
253717	3197	253733	3200	253741	3210	253751	3203	253763	3202	253769	3214	253777	3206
253787	3201	253789	3197	253801	3215	253811	3199	253819	3206	253823	3210	253853	3204
253867	3213	253871	3216	253879	3220	253901	3203	253907	3209	253909	3192	253919	3210
253937	3207	253949	3205	253951	3206	253969	3212	253987	3212	253993	3196	253999	3201
254003	3211	254021	3207	254027	3202	254039	3201	254041	3201	254047	3207	254053	3225
254071	3207	254083	3212	254119	3213	254141	3213	254147	3202	254161	3213	254179	3224
254197	3203	254207	3218	254209	3206	254213	3206	254249	3199	254257	3212	254279	3211
254281	3222	254291	3204	254299	3199	254329	3215	254369	3216	254377	3214	254383	3222
254389	3216	254407	3218	254413	3211	254437	3217	254447	3212	254461	3202	254489	3221
254491	3232	254519	3204	254537	3209	254557	3215	254593	3210	254623	3205	254627	3212
254647	3211	254659	3210	254663	3209	254699	3221	254713	3217	254729	3223	254731	3214
254741	3215	254747	3212	254753	3222	254773	3218	254777	3213	254783	3213	254791	3211
254803	3220	254827	3205	254831	3220	254833	3222	254857	3220	254869	3200	254873	3215
254879	3222	254887	3215	254899	3212	254911	3222	254927	3214	254929	3207	254941	3212
254959	3215	254963	3227	254971	3224	254977	3215	254987	3214	254993	3212	255007	3213
255019	3224	255023	3211	255043	3216	255049	3222	255053	3217	255071	3224	255077	3216
255083	3219	255097	3219	255107	3228	255121	3210	255127	3218	255133	3217	255137	3209
255149	3218	255173	3210	255179	3221	255181	3219	255191	3212	255193	3215	255197	3221
255209	3222	255217	3207	255239	3215	255247	3215	255251	3217	255253	3223	255259	3204
255313	3213	255329	3208	255349	3211	255361	3216	255371	3217	255383	3223	255413	3223
255419	3216	255443	3222	255457	3222	255467	3225	255469	3217	255473	3214	255487	3219
255499	3217	255503	3219	255511	3216	255517	3214	255523	3210	255551	3223	255571	3233
255587	3221	255589	3224	255613	3225	255617	3222	255637	3221	255641	3208	255649	3221
255653	3218	255659	3224	255667	3221	255679	3221	255709	3229	255713	3223	255733	3225
255743	3223	255757	3211	255763	3214	255767	3221	255803	3224	255839	3230	255841	3224
255847	3231	255851	3209	255859	3228	255869	3231	255877	3206	255887	3226	255907	3208
255917	3222	255919	3225	255923	3224	255947	3225	255961	3238	255971	3223	255973	3228
255977	3222	255989	3234	256019	3221	256021	3216	256031	3225	256033	3222	256049	3213
256057	3218	256079	3220	256093	3218	256117	3222	256121	3227	256129	3224	256133	3213
256147	3225	256163	3240	256169	3221	256181	3218	256187	3234	256189	3226	256199	3223
256211	3220	256219	3229	256279	3231	256301	3217	256307	3226	256313	3227	256337	3226
256349	3235	256363	3231	256369	3230	256391	3226	256393	3228	256423	3219	256441	3229
256469	3236	256471	3230	256483	3229	256489	3218	256493	3242	256499	3214	256517	3231
256541	3229	256561	3226	256567	3216	256577	3216	256579	3226	256589	3231	256603	3220
256609	3234	256639	3215	256643	3236	256651	3231	256661	3223	256687	3224	256699	3232
256721	3229	256723	3212	256757	3235	256771	3222	256799	3239	256801	3219	256813	3224
256831	3229	256873	3224	256877	3222	256889	3225	256901	3221	256903	3225	256931	3224
256939	3218	256957	3232	256967	3243	256981	3232	257003	3225	257017	3224	257053	3237
257069	3222	257077	3232	257093	3224	257099	3228	257107	3230	257123	3232	257141	3231
257161	3225	257171	3233	257177	3217	257189	3224	257219	3236	257221	3231	257239	3230
257249	3251	257263	3234	257273	3225	257281	3224	257287	3234	257293	3232	257297	3234
257311	3235	257321	3236	257339	3238	257351	3231	257353	3228	257371	3236	257381	3225
257399	3244	257401	3230	257407	3227	257437	3240	257443	3236	257447	3229	257459	3244
257473	3237	257489	3240	257497	3240	257501	3230	257503	3227	257519	3237	257539	3219
257561	3230	257591	3234	257611	3233	257627	3237	257639	3243	257657	3232	257671	3238
257687	3232	257689	3235	257707	3242	257711	3237	257713	3231	257717	3234	257731	3233

Table 5. Continue 39

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
257783	3236	257791	3226	257797	3229	257837	3233	257857	3233	257861	3238	257863	3236
257867	3236	257869	3228	257879	3238	257893	3238	257903	3231	257921	3239	257947	3248
257953	3229	257981	3237	257987	3230	257989	3230	257993	3235	258019	3242	258023	3230
258031	3227	258061	3233	258067	3253	258101	3236	258107	3228	258109	3219	258113	3233
258119	3229	258127	3222	258131	3243	258143	3234	258157	3231	258161	3233	258173	3228
258197	3240	258211	3222	258233	3230	258241	3238	258253	3231	258277	3230	258283	3239
258299	3247	258317	3243	258319	3238	258329	3245	258331	3237	258337	3237	258353	3232
258373	3232	258389	3240	258403	3234	258407	3238	258413	3235	258421	3247	258437	3252
258443	3229	258449	3239	258469	3242	258487	3236	258491	3240	258499	3248	258521	3241
258527	3238	258539	3242	258551	3254	258563	3225	258569	3236	258581	3242	258607	3233
258611	3235	258613	3239	258617	3242	258623	3233	258631	3246	258637	3245	258659	3237
258673	3243	258677	3243	258691	3229	258697	3250	258703	3244	258707	3241	258721	3243
258733	3233	258737	3242	258743	3247	258763	3236	258779	3246	258787	3247	258803	3227
258809	3243	258827	3247	258847	3240	258871	3248	258887	3236	258917	3240	258919	3241
258949	3237	258959	3243	258967	3252	258971	3236	258977	3241	258983	3237	258991	3236
259001	3228	259009	3237	259019	3249	259033	3241	259081	3236	259099	3234	259121	3232
259123	3244	259151	3236	259157	3239	259159	3248	259163	3262	259169	3241	259177	3229
259183	3246	259201	3247	259211	3234	259213	3236	259219	3243	259229	3231	259271	3242
259277	3242	259309	3251	259321	3253	259339	3244	259379	3247	259381	3253	259387	3249
259397	3246	259411	3245	259421	3251	259429	3247	259451	3262	259453	3245	259459	3248
259499	3257	259507	3243	259517	3249	259531	3245	259537	3244	259547	3249	259577	3242
259583	3235	259603	3248	259619	3236	259621	3238	259627	3241	259631	3252	259639	3232
259643	3245	259657	3258	259667	3259	259681	3250	259691	3239	259697	3245	259717	3247
259723	3242	259733	3245	259751	3239	259771	3250	259781	3250	259783	3248	259801	3242
259813	3261	259823	3244	259829	3247	259837	3251	259841	3255	259867	3246	259907	3251
259933	3247	259937	3250	259943	3255	259949	3249	259967	3252	259991	3242	259993	3248
260003	3250	260009	3246	260011	3243	260017	3248	260023	3248	260047	3247	260081	3252
260089	3250	260111	3243	260137	3257	260171	3256	260179	3249	260189	3251	260191	3244
260201	3255	260207	3243	260209	3246	260213	3257	260231	3249	260263	3254	260269	3252
260317	3246	260329	3254	260339	3255	260363	3252	260387	3257	260399	3256	260411	3249
260413	3240	260417	3249	260419	3255	260441	3246	260453	3256	260461	3259	260467	3260
260483	3246	260489	3249	260527	3252	260539	3234	260543	3253	260549	3258	260551	3257
260569	3245	260573	3254	260581	3256	260587	3246	260609	3256	260629	3261	260647	3255
260651	3255	260671	3256	260677	3262	260713	3244	260717	3264	260723	3247	260747	3267
260753	3255	260761	3260	260773	3263	260791	3252	260807	3252	260809	3250	260849	3255
260857	3266	260861	3257	260863	3263	260873	3248	260879	3252	260893	3269	260921	3250
260941	3251	260951	3253	260959	3255	260969	3269	260983	3254	260987	3254	260999	3267
261011	3252	261013	3253	261017	3252	261031	3263	261043	3255	261059	3261	261061	3267
261071	3263	261077	3263	261089	3257	261101	3254	261127	3270	261167	3258	261169	3268
261223	3259	261229	3256	261241	3259	261251	3270	261271	3263	261281	3263	261301	3254
261323	3251	261329	3250	261337	3262	261347	3255	261353	3261	261379	3251	261389	3258
261407	3261	261427	3252	261431	3276	261433	3262	261439	3256	261451	3261	261463	3256
261467	3242	261509	3259	261523	3265	261529	3257	261557	3262	261563	3261	261577	3255
261581	3261	261587	3264	261593	3262	261601	3254	261619	3260	261631	3256	261637	3252
261641	3261	261643	3266	261673	3258	261697	3272	261707	3268	261713	3266	261721	3251
261739	3260	261757	3260	261761	3275	261773	3270	261787	3257	261791	3256	261799	3252
261823	3264	261847	3268	261881	3264	261887	3263	261917	3250	261959	3269	261971	3261
261973	3268	261977	3269	261983	3266	262007	3264	262027	3264	262049	3263	262051	3262

Table 5. Continue 40

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
262069	3258	262079	3265	262103	3266	262109	3264	262111	3263	262121	3264	262127	3258
262133	3259	262139	3257	262144	3258	262147	3248	262151	3273	262153	3263	262187	3266
262193	3266	262217	3260	262231	3274	262237	3271	262253	3265	262261	3269	262271	3265
262303	3272	262313	3254	262321	3263	262331	3266	262337	3266	262349	3255	262351	3273
262369	3264	262387	3269	262391	3262	262399	3274	262411	3260	262433	3272	262459	3267
262469	3265	262489	3273	262501	3267	262511	3255	262513	3264	262519	3265	262541	3273
262543	3278	262553	3264	262567	3273	262583	3269	262597	3274	262621	3265	262627	3279
262643	3282	262649	3274	262651	3270	262657	3275	262681	3258	262693	3259	262697	3268
262709	3271	262723	3264	262733	3252	262739	3273	262741	3274	262747	3264	262781	3268
262783	3261	262807	3278	262819	3266	262853	3268	262877	3280	262883	3259	262897	3277
262901	3267	262909	3272	262937	3268	262949	3269	262957	3262	262981	3270	263009	3263
263023	3264	263047	3276	263063	3266	263071	3278	263077	3262	263083	3285	263089	3263
263101	3270	263111	3273	263119	3276	263129	3274	263167	3266	263171	3265	263183	3269
263191	3266	263201	3270	263209	3270	263213	3272	263227	3272	263239	3278	263257	3256
263267	3276	263269	3277	263273	3285	263287	3275	263293	3258	263303	3263	263323	3271
263369	3265	263383	3264	263387	3262	263399	3264	263401	3275	263411	3278	263423	3262
263429	3280	263437	3270	263443	3269	263489	3272	263491	3272	263503	3280	263513	3279
263519	3267	263521	3281	263533	3274	263537	3269	263561	3278	263567	3275	263573	3270
263591	3266	263597	3271	263609	3270	263611	3271	263621	3263	263647	3285	263651	3279
263657	3268	263677	3273	263723	3283	263729	3266	263737	3275	263759	3271	263761	3281
263803	3269	263819	3269	263821	3274	263827	3276	263843	3283	263849	3279	263863	3276
263867	3261	263869	3274	263881	3279	263899	3276	263909	3276	263911	3277	263927	3286
263933	3274	263941	3268	263951	3269	263953	3263	263957	3272	263983	3286	264007	3274
264013	3283	264029	3279	264031	3282	264053	3275	264059	3268	264071	3267	264083	3279
264091	3270	264101	3273	264113	3284	264127	3284	264133	3271	264137	3284	264139	3285
264167	3290	264169	3269	264179	3267	264211	3279	264221	3280	264263	3267	264269	3279
264283	3269	264289	3268	264301	3274	264323	3270	264331	3274	264343	3277	264349	3283
264353	3277	264359	3277	264371	3284	264391	3278	264403	3277	264437	3282	264443	3280
264463	3280	264487	3279	264527	3288	264529	3275	264553	3283	264559	3275	264577	3291
264581	3279	264599	3291	264601	3286	264619	3281	264631	3274	264637	3270	264643	3285
264659	3281	264697	3288	264731	3281	264739	3288	264743	3278	264749	3277	264757	3285
264763	3285	264769	3280	264779	3281	264787	3274	264791	3285	264793	3292	264811	3289
264827	3272	264829	3280	264839	3276	264871	3292	264881	3270	264889	3283	264893	3277
264899	3275	264919	3284	264931	3281	264949	3281	264959	3286	264961	3271	264977	3290
264991	3289	264997	3282	265003	3286	265007	3283	265021	3297	265037	3277	265079	3271
265091	3281	265093	3286	265117	3271	265123	3285	265129	3283	265141	3284	265151	3296
265157	3280	265163	3290	265169	3278	265193	3284	265207	3284	265231	3286	265241	3280
265247	3283	265249	3280	265261	3287	265271	3277	265273	3282	265277	3271	265313	3289
265333	3287	265337	3289	265339	3286	265381	3284	265399	3296	265403	3291	265417	3278
265423	3298	265427	3278	265451	3284	265459	3283	265471	3294	265483	3289	265493	3275
265511	3280	265513	3289	265541	3282	265543	3284	265547	3288	265561	3288	265567	3292
265571	3274	265579	3282	265607	3300	265613	3291	265619	3294	265621	3294	265703	3286
265709	3281	265711	3288	265717	3302	265729	3285	265739	3285	265747	3282	265757	3298
265781	3305	265787	3298	265807	3288	265813	3290	265819	3284	265831	3295	265841	3286
265847	3293	265861	3290	265871	3274	265873	3282	265883	3300	265891	3291	265921	3303
265957	3293	265961	3284	265987	3298	266003	3286	266009	3275	266023	3305	266027	3292
266029	3300	266047	3293	266051	3300	266053	3283	266059	3295	266081	3288	266083	3286
266089	3292	266093	3293	266099	3291	266111	3297	266117	3286	266129	3285	266137	3294

Table 5. Continue 41

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
266153	3291	266159	3289	266177	3282	266183	3285	266221	3288	266239	3284	266261	3270
266269	3280	266281	3301	266291	3291	266293	3304	266297	3299	266333	3293	266351	3294
266353	3282	266359	3302	266369	3298	266381	3292	266401	3293	266411	3278	266417	3289
266447	3307	266449	3280	266477	3297	266479	3294	266489	3292	266491	3294	266521	3304
266549	3291	266587	3294	266599	3285	266603	3292	266633	3311	266641	3294	266647	3301
266663	3295	266671	3289	266677	3292	266681	3293	266683	3295	266687	3289	266689	3301
266701	3297	266711	3302	266719	3301	266759	3289	266767	3300	266797	3299	266801	3297
266821	3293	266837	3294	266839	3305	266863	3311	266867	3297	266891	3294	266897	3306
266899	3293	266909	3297	266921	3298	266927	3306	266933	3299	266947	3296	266953	3289
266957	3291	266971	3293	266977	3298	266983	3299	266993	3300	266999	3309	267017	3291
267037	3304	267049	3294	267097	3301	267131	3294	267133	3307	267139	3303	267143	3302
267167	3290	267187	3303	267193	3302	267199	3291	267203	3299	267217	3289	267227	3300
267229	3288	267233	3294	267259	3298	267271	3295	267277	3302	267299	3294	267301	3292
267307	3312	267317	3304	267341	3299	267353	3295	267373	3298	267389	3292	267391	3295
267401	3306	267403	3296	267413	3302	267419	3292	267431	3309	267433	3298	267439	3301
267451	3296	267469	3294	267479	3292	267481	3295	267493	3299	267497	3302	267511	3301
267517	3311	267521	3287	267523	3308	267541	3310	267551	3293	267557	3292	267569	3307
267581	3289	267587	3293	267593	3302	267601	3299	267611	3308	267613	3293	267629	3293
267637	3309	267643	3305	267647	3300	267649	3304	267661	3299	267667	3294	267671	3301
267677	3299	267679	3293	267713	3309	267719	3294	267721	3309	267727	3308	267737	3290
267739	3298	267749	3301	267763	3296	267781	3307	267791	3299	267797	3301	267803	3307
267811	3292	267829	3292	267833	3298	267857	3304	267863	3288	267877	3304	267887	3299
267893	3300	267899	3314	267901	3295	267907	3300	267913	3303	267929	3307	267941	3289
267959	3299	267961	3300	268003	3295	268013	3316	268043	3307	268049	3315	268063	3312
268069	3304	268091	3298	268123	3307	268133	3304	268153	3310	268171	3318	268189	3300
268199	3302	268207	3302	268211	3306	268237	3303	268253	3302	268267	3301	268271	3312
268283	3314	268291	3296	268297	3308	268343	3292	268403	3316	268439	3300	268459	3308
268487	3303	268493	3293	268501	3309	268507	3319	268517	3302	268519	3312	268529	3304
268531	3303	268537	3305	268547	3304	268573	3314	268607	3310	268613	3309	268637	3297
268643	3304	268661	3308	268693	3312	268721	3305	268729	3303	268733	3295	268747	3322
268757	3322	268759	3309	268771	3302	268777	3312	268781	3310	268783	3298	268789	3313
268811	3303	268813	3305	268817	3313	268819	3300	268823	3316	268841	3317	268843	3304
268861	3301	268883	3315	268897	3311	268909	3313	268913	3310	268921	3304	268927	3306
268937	3301	268969	3312	268973	3311	268979	3315	268993	3305	268997	3309	268999	3312
269023	3319	269029	3314	269039	3313	269041	3309	269057	3310	269063	3311	269069	3317
269089	3309	269117	3310	269131	3309	269141	3317	269167	3307	269177	3308	269179	3310
269183	3307	269189	3323	269201	3311	269209	3326	269219	3320	269221	3312	269231	3309
269237	3321	269251	3308	269257	3312	269281	3316	269317	3310	269327	3307	269333	3313
269341	3318	269351	3310	269377	3306	269383	3318	269387	3313	269389	3314	269393	3303
269413	3307	269419	3309	269429	3313	269431	3305	269441	3326	269461	3312	269473	3315
269513	3308	269519	3319	269527	3308	269539	3314	269543	3318	269561	3316	269573	3321
269579	3309	269597	3316	269617	3314	269623	3311	269641	3318	269651	3304	269663	3314
269683	3313	269701	3306	269713	3320	269719	3322	269723	3313	269741	3307	269749	3317
269761	3323	269779	3308	269783	3314	269791	3317	269851	3331	269879	3319	269887	3315
269891	3323	269897	3321	269923	3312	269939	3318	269947	3317	269953	3320	269981	3315
269987	3319	270001	3319	270029	3317	270031	3308	270037	3322	270059	3314	270071	3314
270073	3312	270097	3321	270121	3314	270131	3316	270133	3315	270143	3329	270157	3316
270163	3314	270167	3315	270191	3326	270209	3311	270217	3321	270223	3313	270229	3329

Table 5. Continue 42

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
270239	3318	270241	3320	270269	3319	270271	3321	270287	3308	270299	3316	270307	3311
270311	3303	270323	3325	270329	3317	270337	3324	270343	3324	270371	3310	270379	3320
270407	3312	270421	3313	270437	3312	270443	3330	270451	3309	270461	3312	270463	3319
270493	3311	270509	3326	270527	3323	270539	3317	270547	3310	270551	3313	270553	3335
270563	3329	270577	3316	270583	3319	270587	3329	270593	3308	270601	3321	270619	3319
270631	3324	270653	3331	270659	3321	270667	3314	270679	3320	270689	3324	270701	3317
270709	3318	270719	3334	270737	3330	270749	3318	270761	3325	270763	3312	270791	3325
270797	3329	270799	3322	270821	3320	270833	3325	270841	3323	270859	3329	270899	3336
270913	3330	270923	3334	270931	3326	270937	3322	270953	3329	270961	3321	270967	3332
270973	3332	271003	3311	271013	3327	271021	3330	271027	3324	271043	3316	271057	3317
271067	3324	271079	3341	271097	3315	271109	3328	271127	3330	271129	3315	271163	3327
271169	3326	271177	3323	271181	3330	271211	3310	271217	3324	271231	3314	271241	3322
271253	3324	271261	3326	271273	3337	271277	3327	271279	3332	271289	3321	271333	3316
271351	3331	271357	3336	271363	3324	271367	3327	271393	3317	271409	3316	271429	3315
271441	3328	271451	3327	271463	3327	271471	3328	271483	3329	271489	3324	271499	3326
271501	3327	271517	3333	271549	3322	271553	3324	271571	3314	271573	3320	271597	3331
271603	3330	271619	3329	271637	3323	271639	3330	271651	3325	271657	3331	271693	3319
271703	3335	271723	3316	271729	3327	271753	3334	271769	3330	271771	3327	271787	3322
271807	3336	271811	3324	271829	3330	271841	3330	271849	3329	271853	3328	271861	3333
271867	3316	271879	3334	271897	3331	271903	3323	271919	3323	271927	3322	271939	3327
271967	3332	271969	3329	271981	3326	272003	3339	272009	3334	272011	3335	272029	3329
272039	3331	272053	3340	272059	3329	272093	3330	272131	3334	272141	3330	272171	3330
272179	3336	272183	3331	272189	3325	272191	3328	272201	3336	272203	3335	272227	3335
272231	3338	272249	3329	272257	3322	272263	3344	272267	3339	272269	3334	272287	3341
272299	3331	272317	3337	272329	3328	272333	3338	272341	3325	272347	3327	272351	3331
272353	3335	272359	3337	272369	3334	272381	3329	272383	3331	272399	3343	272407	3341
272411	3325	272417	3334	272423	3325	272449	3335	272453	3335	272477	3332	272507	3338
272533	3331	272537	3334	272539	3343	272549	3328	272563	3332	272567	3335	272581	3328
272603	3329	272621	3326	272651	3332	272659	3335	272683	3332	272693	3330	272717	3332
272719	3338	272737	3336	272759	3335	272761	3337	272771	3340	272777	3324	272807	3329
272809	3329	272813	3337	272863	3332	272879	3337	272887	3332	272903	3330	272911	3341
272917	3340	272927	3334	272933	3341	272959	3331	272971	3335	272981	3334	272983	3340
272989	3332	272999	3337	273001	3340	273029	3333	273043	3329	273047	3344	273059	3344
273061	3333	273067	3331	273073	3341	273083	3342	273107	3344	273113	3332	273127	3330
273131	3347	273149	3330	273157	3327	273181	3340	273187	3337	273193	3340	273233	3339
273253	3344	273269	3342	273271	3335	273281	3347	273283	3346	273289	3341	273311	3347
273313	3347	273323	3336	273349	3348	273359	3340	273367	3331	273433	3349	273457	3338
273473	3345	273503	3341	273517	3339	273521	3339	273527	3339	273529	3358	273551	3338
273569	3341	273601	3333	273613	3354	273617	3346	273629	3337	273641	3334	273643	3336
273653	3338	273697	3345	273709	3351	273719	3331	273727	3331	273739	3341	273773	3334
273787	3343	273797	3345	273803	3337	273821	3347	273827	3345	273857	3341	273881	3341
273899	3342	273901	3340	273913	3351	273919	3342	273929	3336	273941	3346	273943	3348
273967	3341	273971	3345	273979	3344	273997	3336	274007	3356	274019	3352	274033	3350
274061	3335	274069	3342	274081	3336	274093	3340	274103	3351	274117	3327	274121	3346
274123	3347	274139	3344	274147	3343	274163	3347	274171	3344	274177	3341	274187	3344
274199	3340	274201	3339	274213	3341	274223	3351	274237	3346	274243	3351	274259	3352
274271	3335	274277	3335	274283	3350	274301	3341	274333	3344	274349	3348	274357	3343
274361	3353	274403	3343	274423	3341	274441	3342	274451	3353	274453	3339	274457	3337

Table 5. Continue 43

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
274471	3352	274489	3348	274517	3351	274529	3358	274579	3352	274583	3346	274591	3333
274609	3339	274627	3350	274661	3354	274667	3349	274679	3349	274693	3348	274697	3343
274709	3345	274711	3347	274723	3350	274739	3339	274751	3348	274777	3346	274783	3336
274787	3355	274811	3349	274817	3348	274829	3356	274831	3353	274837	3347	274843	3339
274847	3358	274853	3337	274861	3344	274867	3347	274871	3349	274889	3342	274909	3345
274931	3353	274943	3349	274951	3359	274957	3348	274961	3346	274973	3354	274993	3351
275003	3347	275027	3343	275039	3344	275047	3351	275053	3348	275059	3359	275083	3350
275087	3346	275129	3353	275131	3338	275147	3353	275153	3353	275159	3358	275161	3340
275167	3349	275183	3353	275201	3345	275207	3341	275227	3352	275251	3344	275263	3355
275269	3355	275299	3356	275309	3359	275321	3350	275323	3354	275339	3349	275357	3343
275371	3353	275389	3347	275393	3339	275399	3346	275419	3351	275423	3353	275447	3358
275449	3346	275453	3361	275459	3349	275461	3357	275489	3348	275491	3354	275503	3349
275521	3358	275531	3358	275543	3365	275549	3354	275573	3336	275579	3353	275581	3345
275591	3362	275593	3346	275599	3357	275623	3344	275641	3350	275651	3348	275657	3352
275669	3354	275677	3364	275699	3360	275711	3359	275719	3348	275729	3355	275741	3351
275767	3361	275773	3358	275783	3349	275813	3354	275827	3342	275837	3346	275881	3350
275897	3366	275911	3359	275917	3352	275921	3337	275923	3359	275929	3349	275939	3360
275941	3351	275963	3359	275969	3349	275981	3359	275987	3355	275999	3358	276007	3365
276011	3356	276019	3369	276037	3353	276041	3365	276043	3360	276047	3355	276049	3348
276079	3354	276083	3366	276091	3359	276113	3354	276137	3368	276151	3354	276173	3343
276181	3356	276187	3342	276191	3368	276209	3363	276229	3354	276239	3353	276247	3349
276251	3365	276257	3347	276277	3353	276293	3352	276319	3349	276323	3362	276337	3356
276343	3360	276347	3366	276359	3345	276371	3366	276373	3352	276389	3350	276401	3357
276439	3359	276443	3359	276449	3358	276461	3352	276467	3357	276487	3359	276499	3366
276503	3355	276517	3358	276527	3365	276553	3362	276557	3367	276581	3364	276587	3356
276589	3354	276593	3363	276599	3342	276623	3358	276629	3358	276637	3360	276671	3356
276673	3360	276707	3354	276721	3358	276739	3355	276763	3372	276767	3347	276779	3365
276781	3356	276817	3356	276821	3363	276823	3356	276827	3353	276833	3354	276839	3353
276847	3360	276869	3352	276883	3349	276901	3362	276907	3370	276917	3360	276919	3365
276929	3360	276949	3351	276953	3361	276961	3366	276977	3368	277003	3370	277007	3361
277021	3359	277051	3354	277063	3367	277073	3361	277087	3359	277097	3373	277099	3358
277157	3363	277163	3371	277169	3370	277177	3368	277183	3369	277213	3362	277217	3374
277223	3369	277231	3355	277247	3364	277259	3362	277261	3374	277273	3367	277279	3370
277297	3349	277301	3377	277309	3364	277331	3353	277363	3354	277373	3374	277411	3374
277421	3358	277427	3353	277429	3378	277483	3365	277493	3377	277499	3378	277513	3368
277531	3373	277547	3368	277549	3371	277567	3359	277577	3362	277579	3365	277597	3363
277601	3377	277603	3370	277637	3372	277639	3362	277643	3371	277657	3354	277663	3370
277687	3372	277691	3369	277703	3370	277741	3370	277747	3368	277751	3365	277757	3364
277787	3376	277789	3360	277793	3385	277813	3357	277829	3379	277847	3378	277859	3360
277883	3366	277889	3364	277891	3375	277897	3370	277903	3368	277919	3368	277961	3358
277993	3367	277999	3372	278017	3365	278029	3379	278041	3364	278051	3375	278063	3370
278071	3369	278087	3377	278111	3371	278119	3362	278123	3370	278143	3376	278147	3374
278149	3370	278177	3376	278191	3364	278207	3370	278209	3375	278219	3366	278227	3364
278233	3364	278237	3378	278261	3373	278269	3368	278279	3369	278321	3368	278329	3368
278347	3369	278353	3382	278363	3376	278387	3365	278393	3373	278413	3374	278437	3374
278459	3372	278479	3372	278489	3367	278491	3364	278497	3371	278501	3369	278503	3372
278543	3371	278549	3376	278557	3376	278561	3367	278563	3369	278581	3366	278591	3375
278609	3368	278611	3366	278617	3373	278623	3363	278627	3369	278639	3366	278651	3375

Table 5. Continue 44

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
278671	3366	278687	3375	278689	3368	278701	3389	278717	3370	278741	3378	278743	3373
278753	3369	278767	3375	278801	3373	278807	3368	278809	3376	278813	3377	278819	3380
278827	3372	278843	3374	278849	3377	278867	3368	278879	3374	278881	3381	278891	3376
278903	3375	278909	3378	278911	3379	278917	3363	278947	3367	278981	3382	279001	3361
279007	3379	279023	3372	279029	3367	279047	3381	279073	3373	279109	3362	279119	3375
279121	3364	279127	3366	279131	3380	279137	3376	279143	3379	279173	3366	279179	3391
279187	3380	279203	3384	279211	3378	279221	3379	279269	3382	279311	3374	279317	3393
279329	3365	279337	3370	279353	3385	279397	3379	279407	3363	279413	3377	279421	3363
279431	3381	279443	3371	279451	3378	279479	3375	279481	3379	279511	3375	279523	3389
279541	3378	279551	3370	279553	3383	279557	3382	279571	3377	279577	3378	279583	3376
279593	3369	279607	3370	279613	3381	279619	3380	279637	3369	279641	3374	279649	3381
279659	3388	279679	3376	279689	3389	279707	3377	279709	3389	279731	3382	279751	3386
279761	3377	279767	3377	279779	3382	279817	3376	279823	3371	279841	3391	279847	3377
279857	3384	279863	3394	279883	3375	279913	3378	279919	3382	279941	3388	279949	3393
279967	3378	279977	3381	279991	3372	280001	3383	280009	3383	280013	3396	280031	3373
280037	3376	280061	3377	280069	3384	280097	3378	280099	3393	280103	3376	280121	3363
280129	3389	280139	3382	280183	3381	280187	3381	280199	3391	280207	3392	280219	3378
280223	3397	280229	3379	280243	3390	280249	3388	280253	3391	280277	3372	280297	3391
280303	3381	280321	3398	280327	3389	280337	3380	280339	3379	280351	3385	280373	3378
280409	3382	280411	3388	280451	3385	280463	3390	280487	3386	280499	3394	280507	3379
280513	3388	280537	3391	280541	3376	280547	3376	280549	3386	280561	3384	280583	3387
280589	3388	280591	3374	280597	3383	280603	3381	280607	3382	280613	3390	280627	3386
280639	3385	280673	3393	280681	3379	280697	3375	280699	3390	280703	3377	280711	3381
280717	3393	280729	3383	280751	3390	280759	3379	280769	3377	280771	3393	280811	3392
280817	3386	280837	3375	280843	3381	280859	3380	280871	3388	280879	3394	280883	3375
280897	3384	280909	3392	280913	3383	280921	3388	280927	3384	280933	3386	280939	3390
280949	3379	280957	3394	280963	3394	280967	3389	280979	3391	280997	3392	281023	3387
281033	3385	281053	3381	281063	3384	281069	3390	281081	3385	281117	3397	281131	3383
281153	3392	281159	3376	281167	3396	281189	3394	281191	3385	281207	3381	281227	3380
281233	3384	281243	3394	281249	3396	281251	3390	281273	3384	281279	3396	281291	3387
281297	3375	281317	3387	281321	3388	281327	3386	281339	3391	281353	3402	281357	3389
281363	3396	281381	3391	281419	3405	281423	3399	281429	3400	281431	3390	281509	3393
281527	3399	281531	3392	281539	3383	281549	3397	281551	3389	281557	3396	281563	3383
281579	3397	281581	3393	281609	3385	281621	3388	281623	3395	281627	3399	281641	3396
281647	3395	281651	3384	281653	3380	281663	3401	281669	3378	281683	3394	281717	3393
281719	3386	281737	3394	281747	3390	281761	3396	281767	3381	281777	3392	281783	3399
281791	3385	281797	3389	281803	3410	281807	3387	281833	3387	281837	3404	281839	3398
281849	3392	281857	3407	281867	3393	281887	3399	281893	3387	281921	3387	281923	3401
281927	3390	281933	3385	281947	3392	281959	3391	281971	3396	281989	3385	281993	3389
282001	3392	282011	3397	282019	3395	282053	3394	282059	3404	282071	3388	282089	3406
282091	3395	282097	3391	282101	3385	282103	3397	282127	3389	282143	3398	282157	3402
282167	3389	282221	3385	282229	3385	282239	3401	282241	3389	282253	3394	282281	3399
282287	3382	282299	3393	282307	3391	282311	3405	282313	3402	282349	3402	282377	3400
282383	3399	282389	3388	282391	3400	282407	3399	282409	3403	282413	3398	282427	3397
282439	3390	282461	3395	282481	3389	282487	3395	282493	3391	282559	3400	282563	3397
282571	3389	282577	3413	282589	3403	282599	3388	282617	3400	282661	3397	282671	3397
282677	3403	282679	3408	282683	3396	282691	3405	282697	3404	282703	3401	282707	3405
282713	3406	282767	3405	282769	3406	282773	3401	282797	3399	282809	3410	282827	3387

Table 5. Continue 45

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
282833	3399	282847	3408	282851	3396	282869	3392	282881	3396	282889	3404	282907	3413
282911	3402	282913	3397	282917	3395	282959	3398	282973	3396	282977	3399	282991	3397
283001	3402	283007	3399	283009	3408	283027	3399	283051	3407	283079	3414	283093	3395
283097	3407	283099	3397	283111	3401	283117	3401	283121	3400	283133	3408	283139	3416
283159	3414	283163	3398	283181	3400	283183	3400	283193	3412	283207	3407	283211	3395
283267	3400	283277	3407	283289	3400	283303	3403	283369	3406	283397	3405	283403	3398
283411	3404	283447	3398	283463	3395	283487	3400	283489	3405	283501	3408	283511	3400
283519	3403	283541	3392	283553	3404	283571	3395	283573	3421	283579	3415	283583	3407
283601	3399	283607	3394	283609	3411	283631	3403	283637	3408	283639	3407	283669	3410
283687	3406	283697	3402	283721	3403	283741	3410	283763	3404	283769	3401	283771	3406
283793	3403	283799	3412	283807	3397	283813	3404	283817	3405	283831	3410	283837	3418
283859	3413	283861	3413	283873	3405	283909	3404	283937	3403	283949	3408	283957	3405
283961	3395	283979	3410	284003	3397	284023	3411	284041	3409	284051	3401	284057	3404
284059	3418	284083	3402	284093	3398	284111	3408	284117	3405	284129	3398	284131	3404
284149	3409	284153	3415	284159	3409	284161	3413	284173	3413	284191	3416	284201	3416
284227	3409	284231	3404	284233	3410	284237	3404	284243	3403	284261	3402	284267	3411
284269	3415	284293	3412	284311	3415	284341	3398	284357	3416	284369	3406	284377	3411
284387	3400	284407	3407	284413	3405	284423	3409	284429	3418	284447	3413	284467	3412
284477	3408	284483	3404	284489	3413	284507	3405	284509	3407	284521	3408	284527	3405
284539	3404	284551	3411	284561	3420	284573	3411	284587	3405	284591	3419	284593	3412
284623	3399	284633	3418	284651	3413	284657	3414	284659	3405	284681	3421	284689	3406
284701	3413	284707	3414	284723	3407	284729	3408	284731	3418	284737	3416	284741	3427
284743	3416	284747	3414	284749	3410	284759	3414	284777	3420	284783	3403	284803	3410
284807	3419	284813	3414	284819	3413	284831	3424	284833	3405	284839	3412	284857	3418
284881	3412	284897	3420	284899	3418	284917	3418	284927	3415	284957	3408	284969	3410
284989	3411	285007	3411	285023	3415	285031	3409	285049	3416	285071	3423	285079	3410
285091	3406	285101	3412	285113	3407	285119	3412	285121	3411	285139	3411	285151	3418
285161	3416	285179	3408	285191	3409	285199	3412	285221	3422	285227	3419	285251	3418
285281	3406	285283	3412	285287	3425	285289	3415	285301	3409	285317	3417	285343	3422
285377	3421	285421	3412	285433	3416	285451	3417	285457	3419	285463	3406	285469	3412
285473	3430	285497	3414	285517	3419	285521	3418	285533	3418	285539	3422	285553	3418
285557	3422	285559	3421	285569	3423	285599	3420	285611	3420	285613	3429	285629	3424
285631	3421	285641	3413	285643	3421	285661	3421	285667	3421	285673	3416	285697	3428
285707	3416	285709	3415	285721	3427	285731	3418	285749	3425	285757	3427	285763	3421
285767	3433	285773	3412	285781	3431	285823	3419	285827	3416	285839	3428	285841	3418
285871	3413	285937	3420	285949	3414	285953	3413	285977	3432	285979	3412	285983	3423
285997	3418	286001	3418	286009	3419	286019	3422	286043	3427	286049	3423	286061	3418
286063	3426	286073	3432	286103	3422	286129	3415	286163	3417	286171	3425	286199	3426
286243	3414	286249	3428	286289	3409	286301	3422	286333	3422	286367	3424	286369	3425
286381	3427	286393	3425	286397	3410	286411	3426	286421	3427	286427	3434	286453	3414
286457	3422	286459	3428	286469	3420	286477	3418	286483	3423	286487	3434	286493	3427
286499	3422	286513	3434	286519	3429	286541	3417	286543	3430	286547	3420	286553	3423
286589	3432	286591	3434	286609	3419	286613	3435	286619	3421	286633	3423	286651	3431
286673	3428	286687	3423	286697	3427	286703	3434	286711	3420	286721	3426	286733	3423
286751	3418	286753	3436	286763	3430	286771	3433	286777	3425	286789	3428	286801	3428
286813	3424	286831	3422	286859	3427	286873	3427	286927	3424	286973	3427	286981	3426
286987	3425	286999	3432	287003	3428	287047	3438	287057	3433	287059	3436	287087	3424
287093	3422	287099	3428	287107	3427	287117	3426	287137	3433	287141	3435	287149	3425

Table 5. Continue 46

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
287159	3435	287167	3420	287173	3421	287179	3426	287191	3430	287219	3441	287233	3444
287237	3437	287239	3435	287251	3424	287257	3422	287269	3433	287279	3429	287281	3433
287291	3430	287297	3427	287321	3435	287327	3441	287333	3428	287341	3419	287347	3425
287383	3432	287387	3436	287393	3435	287437	3429	287449	3442	287491	3426	287501	3435
287503	3428	287537	3429	287549	3412	287557	3436	287579	3423	287597	3422	287611	3432
287629	3430	287669	3434	287671	3429	287681	3433	287689	3429	287701	3420	287731	3435
287747	3431	287783	3440	287789	3439	287801	3433	287813	3436	287821	3429	287849	3431
287851	3420	287857	3423	287863	3418	287867	3435	287873	3434	287887	3438	287921	3432
287933	3438	287939	3443	287977	3426	288007	3424	288023	3425	288049	3435	288053	3442
288061	3422	288077	3435	288089	3435	288109	3428	288137	3441	288179	3438	288181	3429
288191	3431	288199	3437	288203	3432	288209	3445	288227	3423	288241	3423	288247	3427
288257	3428	288283	3437	288293	3434	288307	3428	288313	3434	288317	3430	288349	3444
288359	3437	288361	3439	288383	3429	288389	3444	288403	3430	288413	3435	288427	3445
288433	3422	288461	3445	288467	3423	288481	3445	288493	3444	288499	3437	288527	3431
288529	3438	288539	3429	288551	3450	288559	3439	288571	3446	288577	3435	288583	3437
288647	3436	288649	3436	288653	3428	288661	3438	288679	3432	288683	3436	288689	3437
288697	3445	288731	3437	288733	3424	288751	3436	288767	3445	288773	3440	288803	3441
288817	3442	288823	3443	288833	3445	288839	3435	288851	3446	288853	3444	288877	3449
288907	3421	288913	3434	288929	3444	288931	3443	288947	3444	288973	3441	288979	3438
288989	3446	288991	3448	288997	3439	289001	3435	289019	3432	289021	3439	289031	3439
289033	3451	289039	3440	289049	3441	289063	3433	289067	3445	289099	3446	289103	3436
289109	3430	289111	3434	289127	3431	289129	3445	289139	3434	289141	3436	289151	3444
289169	3439	289171	3438	289181	3439	289189	3440	289193	3437	289213	3438	289241	3449
289243	3451	289249	3459	289253	3442	289273	3435	289283	3446	289291	3450	289297	3442
289309	3432	289319	3448	289343	3440	289349	3446	289361	3442	289369	3448	289381	3445
289397	3453	289417	3450	289423	3435	289439	3441	289453	3443	289463	3445	289469	3435
289477	3443	289489	3444	289511	3452	289543	3454	289559	3448	289573	3430	289577	3441
289589	3453	289603	3436	289607	3441	289637	3454	289643	3445	289657	3433	289669	3449
289717	3440	289721	3443	289727	3452	289733	3444	289741	3449	289759	3444	289763	3436
289771	3437	289789	3438	289837	3447	289841	3438	289843	3449	289847	3446	289853	3442
289859	3443	289871	3446	289889	3439	289897	3446	289937	3450	289951	3439	289957	3447
289967	3436	289973	3445	289987	3449	289999	3435	290011	3459	290021	3443	290023	3444
290027	3433	290033	3453	290039	3450	290041	3451	290047	3445	290057	3460	290083	3446
290107	3439	290113	3457	290119	3441	290137	3445	290141	3460	290161	3456	290183	3448
290189	3444	290201	3447	290209	3451	290219	3441	290233	3449	290243	3449	290249	3437
290317	3450	290327	3442	290347	3442	290351	3452	290359	3446	290369	3444	290383	3437
290393	3440	290399	3434	290419	3443	290429	3450	290441	3445	290443	3441	290447	3449
290471	3448	290473	3441	290489	3451	290497	3446	290509	3441	290527	3453	290531	3448
290533	3452	290539	3447	290557	3443	290593	3441	290597	3443	290611	3446	290617	3441
290621	3448	290623	3449	290627	3454	290657	3456	290659	3451	290663	3463	290669	3458
290671	3466	290677	3453	290701	3449	290707	3449	290711	3461	290737	3450	290761	3440
290767	3443	290791	3457	290803	3450	290821	3448	290827	3451	290837	3458	290839	3446
290861	3452	290869	3449	290879	3451	290897	3466	290923	3442	290959	3457	290963	3450
290971	3466	290987	3458	290993	3456	290999	3443	291007	3448	291013	3450	291037	3441
291041	3439	291043	3443	291077	3458	291089	3450	291101	3455	291103	3448	291107	3452
291113	3467	291143	3454	291167	3463	291169	3466	291173	3459	291191	3458	291199	3450
291209	3455	291217	3447	291253	3454	291257	3446	291271	3454	291287	3450	291293	3451
291299	3459	291331	3463	291337	3450	291349	3455	291359	3457	291367	3454	291371	3443

Table 5. Continue 47

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
291373	3450	291377	3455	291419	3451	291437	3455	291439	3458	291443	3454	291457	3442
291481	3452	291491	3462	291503	3468	291509	3464	291521	3452	291539	3458	291547	3454
291559	3456	291563	3455	291569	3459	291619	3450	291647	3468	291649	3461	291661	3453
291677	3449	291689	3456	291691	3450	291701	3461	291721	3458	291727	3454	291743	3460
291751	3449	291779	3463	291791	3459	291817	3467	291829	3435	291833	3464	291853	3448
291857	3457	291869	3463	291877	3456	291887	3455	291899	3457	291901	3451	291923	3457
291971	3459	291979	3456	291983	3455	291997	3457	292021	3464	292027	3457	292037	3465
292057	3463	292069	3458	292079	3456	292081	3461	292091	3464	292093	3461	292133	3464
292141	3461	292147	3457	292157	3452	292181	3466	292183	3466	292223	3465	292231	3459
292241	3469	292249	3466	292267	3470	292283	3462	292301	3462	292309	3467	292319	3463
292343	3451	292351	3465	292363	3453	292367	3466	292381	3452	292393	3469	292427	3453
292441	3464	292459	3465	292469	3464	292471	3452	292477	3460	292483	3475	292489	3454
292493	3458	292517	3458	292531	3466	292541	3467	292549	3470	292561	3450	292573	3455
292577	3471	292601	3456	292627	3473	292631	3456	292661	3461	292667	3463	292673	3464
292679	3465	292681	3461	292693	3460	292703	3471	292709	3466	292711	3460	292717	3447
292727	3462	292753	3459	292759	3465	292777	3462	292793	3459	292801	3452	292807	3463
292819	3464	292837	3465	292841	3467	292849	3466	292867	3478	292879	3463	292909	3484
292921	3458	292933	3468	292969	3469	292973	3470	292979	3472	292993	3468	293021	3483
293071	3463	293081	3470	293087	3461	293093	3470	293099	3460	293107	3464	293123	3467
293129	3460	293147	3470	293149	3460	293173	3462	293177	3471	293179	3454	293201	3477
293207	3460	293213	3462	293221	3473	293257	3469	293261	3481	293263	3462	293269	3462
293311	3469	293329	3468	293339	3463	293351	3475	293357	3460	293399	3463	293413	3473
293431	3467	293441	3464	293453	3476	293459	3464	293467	3461	293473	3471	293483	3467
293507	3477	293543	3463	293599	3468	293603	3473	293617	3474	293621	3461	293633	3470
293639	3474	293651	3476	293659	3473	293677	3479	293681	3463	293701	3469	293717	3482
293723	3466	293729	3458	293749	3471	293767	3466	293773	3472	293791	3470	293803	3456
293827	3467	293831	3477	293861	3475	293863	3469	293893	3472	293899	3472	293941	3477
293957	3469	293983	3466	293989	3467	293999	3477	294001	3486	294013	3473	294023	3467
294029	3470	294043	3476	294053	3469	294059	3469	294067	3474	294103	3469	294127	3471
294131	3476	294149	3478	294157	3475	294167	3474	294169	3479	294179	3470	294181	3472
294199	3478	294211	3477	294223	3478	294227	3471	294241	3470	294247	3466	294251	3480
294269	3468	294277	3481	294289	3469	294293	3474	294311	3477	294313	3471	294317	3477
294319	3468	294337	3472	294341	3468	294347	3459	294353	3477	294383	3467	294391	3470
294397	3464	294403	3459	294431	3480	294439	3483	294461	3465	294467	3473	294479	3487
294499	3478	294509	3471	294523	3464	294529	3477	294551	3475	294563	3473	294629	3475
294641	3484	294647	3470	294649	3477	294659	3476	294673	3473	294703	3486	294731	3478
294751	3492	294757	3458	294761	3488	294773	3475	294781	3471	294787	3486	294793	3480
294799	3470	294803	3457	294809	3480	294821	3478	294829	3467	294859	3481	294869	3479
294887	3474	294893	3476	294911	3485	294919	3477	294923	3484	294947	3468	294949	3484
294953	3485	294979	3480	294989	3464	294991	3480	294997	3476	295007	3485	295033	3475
295037	3485	295039	3474	295049	3471	295073	3475	295079	3478	295081	3479	295111	3477
295123	3484	295129	3471	295153	3486	295187	3496	295199	3483	295201	3478	295219	3482
295237	3467	295247	3475	295259	3474	295271	3480	295277	3489	295283	3477	295291	3475
295313	3487	295319	3477	295333	3490	295357	3476	295363	3485	295387	3471	295411	3487
295417	3472	295429	3487	295433	3481	295439	3479	295441	3485	295459	3487	295513	3487
295517	3485	295541	3480	295553	3477	295567	3485	295571	3464	295591	3485	295601	3479
295663	3477	295693	3487	295699	3491	295703	3475	295727	3487	295751	3476	295759	3482
295769	3483	295777	3489	295787	3479	295819	3477	295831	3482	295837	3486	295843	3490

Table 5. Continue 48

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
295847	3471	295853	3491	295861	3480	295871	3482	295873	3492	295877	3491	295879	3485
295901	3488	295903	3490	295909	3492	295937	3481	295943	3487	295949	3493	295951	3482
295961	3490	295973	3488	295993	3487	296011	3496	296017	3494	296027	3481	296041	3487
296047	3474	296071	3485	296083	3485	296099	3483	296117	3483	296129	3478	296137	3489
296159	3485	296183	3486	296201	3488	296213	3481	296221	3485	296237	3491	296243	3480
296249	3485	296251	3493	296269	3497	296273	3500	296279	3490	296287	3481	296299	3474
296347	3483	296353	3483	296363	3486	296369	3484	296377	3491	296437	3489	296441	3488
296473	3482	296477	3487	296479	3496	296489	3489	296503	3486	296507	3485	296509	3490
296519	3484	296551	3484	296557	3493	296561	3495	296563	3493	296579	3482	296581	3481
296587	3506	296591	3488	296627	3493	296651	3487	296663	3499	296669	3484	296683	3478
296687	3492	296693	3492	296713	3482	296719	3482	296729	3484	296731	3492	296741	3494
296749	3488	296753	3487	296767	3496	296771	3486	296773	3482	296797	3482	296801	3488
296819	3492	296827	3486	296831	3499	296833	3493	296843	3497	296909	3498	296911	3492
296921	3489	296929	3482	296941	3491	296969	3492	296971	3484	296981	3488	296983	3501
296987	3498	297019	3496	297023	3491	297049	3501	297061	3482	297067	3491	297079	3493
297083	3493	297097	3484	297113	3495	297133	3482	297151	3490	297161	3489	297169	3504
297191	3490	297233	3482	297247	3491	297251	3510	297257	3494	297263	3487	297289	3489
297317	3495	297359	3499	297371	3503	297377	3498	297391	3494	297397	3493	297403	3481
297421	3496	297439	3490	297457	3498	297467	3491	297469	3495	297481	3500	297487	3498
297503	3491	297509	3497	297523	3501	297533	3491	297581	3494	297589	3497	297601	3497
297607	3489	297613	3477	297617	3502	297623	3487	297629	3499	297641	3490	297659	3494
297683	3486	297691	3497	297707	3488	297719	3501	297727	3500	297757	3505	297779	3502
297793	3488	297797	3493	297809	3490	297811	3498	297833	3481	297841	3482	297853	3498
297881	3491	297889	3494	297893	3504	297907	3491	297911	3496	297931	3495	297953	3499
297967	3476	297971	3502	297989	3497	297991	3495	298013	3500	298021	3500	298031	3493
298043	3500	298049	3499	298063	3496	298087	3496	298093	3494	298099	3501	298153	3502
298157	3506	298159	3508	298169	3504	298171	3489	298187	3489	298201	3508	298211	3493
298213	3496	298223	3496	298237	3503	298247	3497	298261	3495	298283	3495	298303	3509
298307	3506	298327	3503	298339	3500	298343	3497	298349	3512	298369	3508	298373	3502
298399	3508	298409	3511	298411	3506	298427	3503	298451	3498	298477	3499	298483	3504
298513	3506	298559	3500	298579	3498	298583	3511	298589	3506	298601	3500	298607	3510
298621	3503	298631	3497	298651	3495	298667	3502	298679	3500	298681	3499	298687	3504
298691	3505	298693	3509	298709	3499	298723	3510	298733	3502	298757	3508	298759	3495
298777	3507	298799	3499	298801	3505	298817	3507	298819	3504	298841	3498	298847	3502
298853	3494	298861	3509	298897	3508	298937	3501	298943	3506	298993	3506	298999	3519
299011	3511	299017	3508	299027	3506	299029	3499	299053	3503	299059	3495	299063	3509
299087	3519	299099	3503	299107	3503	299113	3501	299137	3509	299147	3494	299171	3503
299179	3509	299191	3506	299197	3508	299209	3505	299213	3504	299239	3509	299261	3498
299281	3497	299287	3508	299311	3509	299317	3508	299329	3508	299333	3510	299357	3506
299359	3510	299363	3503	299371	3506	299389	3491	299393	3512	299401	3499	299417	3511
299419	3507	299447	3504	299471	3515	299473	3510	299477	3504	299479	3499	299501	3507
299513	3515	299521	3512	299527	3510	299539	3515	299567	3514	299569	3508	299603	3512
299617	3507	299623	3499	299653	3505	299671	3507	299681	3511	299683	3510	299699	3511
299701	3503	299711	3497	299723	3501	299731	3495	299743	3520	299749	3510	299771	3510
299777	3513	299807	3517	299843	3514	299857	3502	299861	3509	299881	3499	299891	3506
299903	3513	299909	3506	299933	3514	299941	3508	299951	3497	299969	3511	299977	3500
299983	3499	299993	3508	300007	3516	300017	3512	300023	3500	300043	3509	300073	3502
300089	3512	300109	3520	300119	3512	300137	3517	300149	3514	300151	3503	300163	3504

Table 5. Continue 49

q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L	q	t_2^L
300187	3507	300191	3515	300193	3506	300221	3508	300229	3515	300233	3521	300239	3504
300247	3506	300277	3516	300299	3517	300301	3517	300317	3515	300319	3514	300323	3518
300331	3513	300343	3525	300347	3505	300367	3506	300397	3516	300413	3520	300427	3500
300431	3506	300439	3503	300463	3517	300481	3512	300491	3507	300493	3512	300497	3513
300499	3510	300511	3503	300557	3516	300569	3519	300581	3532	300583	3508	300589	3508
300593	3501	300623	3506	300631	3518	300647	3518	300649	3519	300661	3512	300667	3502
300673	3519	300683	3504	300691	3512	300719	3507	300721	3501	300733	3503	300739	3517
300743	3513	300749	3505	300757	3508	300761	3522	300763	3512	300779	3514	300787	3519
300799	3516	300809	3518	300821	3513	300823	3520	300851	3511	300857	3503	300869	3520
300877	3513	300889	3532	300893	3512	300929	3515	300931	3515	300953	3513	300961	3522
300967	3517	300973	3512	300977	3522	300997	3511	301013	3522	301027	3514	301039	3505
301051	3514	301057	3502	301073	3531	301079	3520	301123	3521	301127	3531	301141	3526
301153	3511	301159	3510	301177	3523	301181	3520	301183	3510	301211	3512	301219	3527
301237	3519	301241	3505	301243	3530	301247	3517	301267	3512	301303	3516	301319	3524
301331	3519	301333	3516	301349	3526	301361	3518	301363	3514	301381	3519	301403	3511
301409	3528	301423	3526	301429	3520	301447	3517	301459	3519	301463	3526	301471	3522
301487	3516	301489	3524	301493	3520	301501	3514	301531	3515	301577	3527	301579	3522
301583	3523	301591	3517	301601	3512	301619	3527	301627	3524	301643	3518	301649	3528
301657	3528	301669	3516	301673	3538	301681	3523	301703	3523	301711	3525	301747	3515
301751	3513	301753	3523	301759	3521	301789	3531	301793	3527	301813	3519		