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КЭЛИ-ДЕЗА ГРАФЫ, ИМЕЮЩИЕ МЕНЕЕ 60 ВЕРШИН

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ABSTRACT. Deza graph, which is the Cayley graph is called the Cayley-Deza graph. The paper describes all non-isomorphic Cayley-Deza graphs of diameter 2 having less than 60 vertices.

Keywords: Deza graph, Cayley graph, graph isomorphism, automorphism group.

1. ВВЕДЕНИЕ

В этой статье мы начинаем изучение графов Деца, которые являются графами Кэли. Графы Деца принято рассматривать как обобщение сильно регулярных графов. В ряде исследований было выяснено, что графы Деца наследуют некоторые свойства сильно регулярных графов. Например, в [1] показано, что вершинная связность графа Деца, полученного из сильно регулярного графа с помощью инволюции, совпадает с валентностью.

Однако, данное обобщение приводит и к потере части свойств. Например, в [2] было показано, что в отличие от сильно регулярных графов, имеющих всегда 3 различных собственных значения, существует граф Деца, имеющий сколь угодно большое число различных собственных значений.

В работах [3–6] были исследованы некоторые свойства дистанционно-регулярных и сильно регулярных графов, которые являются графами Кэли. В частности, получена классификация сильно регулярных графов Кэли циклических и диэдральных групп.

В данной работе с помощью компьютерного перебора получены все графы Деца, являющиеся графами Кэли и имеющие менее 60 вершин.

Статья организована следующим образом. В разделе 2 мы напоминаем основные определения и результаты. В разделе 3 мы описываем алгоритм работы

GORYAINOV S.V., SHALAGINOV L.V., CAYLEY-DEZA GRAPHS WITH FEWER THAN 60 VERTICES.

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программы и обосновываем его корректность. В разделе 4 приводятся результаты работы программы.

2. ОПРЕДЕЛЕНИЯ И ВСПОМОГАТЕЛЬНЫЕ РЕЗУЛЬТАТЫ

Для графа Γ и произвольной его вершины x определим *окрестность* $\Gamma(x) = \{y \mid y \in V(\Gamma), y \sim x\}$ вершины x и положим $x^\perp = \{x\} \cup \Gamma(x)$. Граф Γ называется *регулярным валентности k* , если $|\Gamma(x)| = k$ для любой вершины $x \in \Gamma$.

Граф Γ называется *сильно регулярным* с параметрами (v, k, λ, μ) , если Γ содержит v вершин и для произвольной пары вершин $x, y \in \Gamma$ выполнено

$$|\Gamma(x) \cap \Gamma(y)| = \begin{cases} k, & \text{если } x = y; \\ \lambda, & \text{если } x \sim y; \\ \mu, & \text{если } x \not\sim y. \end{cases}$$

Предложение 1. *Связный сильно регулярный граф с параметрами (v, k, λ, μ) имеет три различных собственных значения $k > r > 0 > s$, последние два из которых удовлетворяют квадратному уравнению $x^2 + (\mu - \lambda)x + (\mu - k) = 0$.*

Граф Γ называется *графом Деца* с параметрами (v, k, b, a) (обычно считают $a < b$), если Γ содержит v вершин и для произвольной пары вершин $x, y \in \Gamma$ выполнено

$$|\Gamma(x) \cap \Gamma(y)| = \begin{cases} k, & \text{если } x = y; \\ a \text{ или } b, & \text{если } x \neq y. \end{cases}$$

Пусть G — группа и $D \subset G$. Определим D^{-1} как множество $\{d^{-1} : d \in D\}$. Пусть Γ — граф, множество вершин которого — все элементы группы G , и вершины u и v смежны тогда и только тогда, когда $v^{-1}u \in D$. Если единица группы G не содержится в D и $D^{-1} = D$, то Γ называется *графом Кэли* группы G по системе образующих D и обозначается $\text{Cay}(G, D)$.

Подмножества элементов D и D' группы G называются *изоморфными*, если найдется $\phi \in \text{Aut}(G)$, что $\phi(D) = D'$. Если подмножества D и D' изоморфны, то изоморфны и графы $\text{Cay}(G, D)$ и $\text{Cay}(G, D')$. Заметим, что обратное не верно, т.е. из двух неизоморфных систем образующих могут быть получены изоморфные графы Кэли. Группы, для которых из изоморфизма графов Кэли следует изоморфизм их систем образующих, называются *СИ-группами*. Вопросы изоморфизма графов Кэли обсуждаются в [7], [8].

В работе [9] приводится следующая

Теорема 1. *Граф Кэли группы G по системе образующих $D \subset \text{Cay}(G, D)$ является графом Деца с параметрами (v, k, b, a) тогда и только тогда, когда выполняются следующие два условия*

- (1) $|G| = v$ и $|D| = k$;
- (2) $DD^{-1} = aA + bB + k\{e\}$, где A, B и $\{e\}$ — разбиение G ;

Графом *Кэли-Деца* будем называть граф Кэли, являющийся графом Деца.

В данной работе с помощью компьютерного перебора получены все неизоморфные Кэли-Деца графы диаметра 2, имеющие менее 60 вершин. Поиск осуществлялся следующим образом: были найдены все неизоморфные системы образующих, для каждой из которой проверялось условие теоремы 1. Ввиду замечания о СИ-группах среди полученных графов могут оставаться изоморфные, поэтому все полученные Кэли-Деца графы с одинаковыми параметрами

были проверены на изоморфизм. Таким образом, в результате работы получен список всех неизоморфных Кэли-Деза графов, имеющих менее 60 вершин.

3. ОПИСАНИЕ АЛГОРИТМА

3.1. Получение вспомогательной информации из системы GAP. На первом шаге с помощью системы компьютерной алгебры GAP получены все таблицы Кэли групп, имеющих порядок менее 60. Для каждой группы вычисляется группа автоморфизмов, которая представлена в виде перестановок на множестве элементов исходной группы.

3.2. Нумерация подмножеств элементов групп. Пусть G - группа, элементы которой занумерованы так же, как в системе GAP. Для произвольного элемента $g \in G$ обозначим $num(g)$ номер элемента g в нумерации GAP.

Сопоставим каждому подмножеству элементов группы G двоичное число по следующему правилу: i -тый разряд двоичного числа равен 1, если элемент группы с номером i входит в подмножество; и равен 0 в противном случае. Теперь на семействе подмножеств элементов группы G естественным образом возникает отношение порядка (при сравнении двух подмножеств сравниваются соответствующие им числа).

Для каждой системы образующих $D \subset G$ определим множество \widehat{D} следующим образом: элемент $x \in D$ лежит в \widehat{D} тогда и только тогда, когда номер элемента x в группе G больше либо равен номеру элемента x^{-1} .

Предложение 2. Пусть $D_1, D_2 \subset G$ — системы образующих. Если $D_1 \geq D_2$, то $\widehat{D}_1 \geq \widehat{D}_2$.

Доказательство. Пусть x — элемент с наименьшим номером, который лежит в D_1 и не лежит в D_2 . Тогда $num(x^{-1}) < num(x)$. Следовательно, $x \in \widehat{D}_1$ и $x \notin \widehat{D}_2$. Каждый элемент с номером, большим чем у элемента x , лежит или не лежит в множествах D_1 и D_2 одновременно, а значит он лежит или не лежит одновременно и в множествах \widehat{D}_1 и \widehat{D}_2 . Отсюда $\widehat{D}_1 \geq \widehat{D}_2$.

3.3. Построение дерева перебора. Процесс перебора является рекурсивным. Основным шагом перебора является формирование новой системы образующих из уже построенной с помощью добавления к ней элемента группы (вместе с обратным), при этом номер добавляемого элемента меньше наименьшего из номеров уже присутствующих элементов. В качестве базовой системы порождающих выберем пустое множество. Очевидно, что если мы будем всевозможным образом расширять это множество, то общность перебора будет достигнута. Мы строим корневое дерево, вершинами которого являются все неизоморфные системы образующих, максимальные в своих орбитах под действием группы автоморфизмов. i -тый слой дерева состоит из упорядоченных по возрастанию систем образующих D_{ij} таких, что $|\widehat{D}_{ij}| = i$ (j обозначает порядковый номер). Корню дерева соответствует пустая система образующих. Определим для каждой системы образующих D_{ij} подмножество $I(D_{ij})$ элементов группы, обладающее следующими свойствами:

- (1) $\forall x \in I(D_{ij}) \quad num(x) \geq num(x^{-1});$
- (2) $\forall x \in I(D_{ij}) \quad num(x) < \min_{y \in \widehat{D}_{ij}} (num(y));$
- (3) $\forall x \in I(D_{ij}) \quad \forall \phi \in Aut(G) \quad \phi(D_{ij} \cup \{x, x^{-1}\}) < D_{ij+1}.$

Предложение 3. *Расширение множеств только с помощью элементов соответствующего множества I сохраняет общность перебора.*

Доказательство. Пусть элемент x не попал в множество $I(D_{ij})$ по свойству 1, т.е. $num(x) < num(x^{-1})$, тогда добавление пары $\{x, x^{-1}\}$ обеспечивается элементом x^{-1} , и общность не нарушена.

Свойство 2 обеспечивает добавление элемента только с номером, меньшим, чем наименьший из уже присутствующих в множестве $\widehat{D_{ij}}$.

Пусть элемент x не попал в множество $I(D_{ij})$ по свойству 3, тогда система образующих $D_{ij} \cup \{x, x^{-1}\}$ не является максимальной в своей орбите. Пусть D' — максимальное множество в орбите множества $D_{ij} \cup \{x, x^{-1}\}$ под действием группы автоморфизмов. Пусть y — элемент с наименьшим номером в множестве $\widehat{D'}$. Рассмотрим систему образующих $D'' := D' \setminus \{y, y^{-1}\}$. Покажем, что множество D'' является максимальным в своей орбите, т.е. $\forall \phi \in Aut(G) \phi(D'') \leq D''$. От противного. Пусть $\exists \psi \in Aut(G) : \psi(D'') > D''$. Заметим, что $\psi(D'') > D'$. Действительно, пусть $t := \max\{num(d) \mid d \in \widehat{\psi(D'')}, d \notin \widehat{D''}\}$ и $b := \min\{num(d) \mid d \in \widehat{D''}\}$. Очевидно, что $t \geq b$. Но по выбору элемента y имеем $num(y) < b$. Т.е. $t > num(y)$ и $\psi(D'') > D'' \cup \{y, y^{-1}\} = D'$. Далее имеем $D' \geq \psi(D') = \psi(D'' \cup \{y, y^{-1}\}) = \psi(D'') \cup \psi(\{y, y^{-1}\}) > \psi(D'') > D'$. Противоречие. Таким образом, система образующих, изоморфная $D_{ij} \cup \{x, x^{-1}\}$, будет рассмотрена в другой ветви дерева. А именно, этой системой является D' , которая получена из системы образующих D'' добавлением множества $\{y, y^{-1}\}$.

Предложение 4. *Пусть D_{ij_1}, D_{ij_2} — системы образующих и $j_1 \neq j_2$. Пусть $I(D_{ij_1}), I(D_{ij_2})$ — соответствующие множества. Тогда $\forall x_1 \in I(D_{ij_1}), \forall x_2 \in I(D_{ij_2})$ системы образующих $D_{ij_1} \cup \{x_1, x_1^{-1}\}$ и $D_{ij_2} \cup \{x_2, x_2^{-1}\}$ не изоморфны.*

Доказательство. Для определенности будем считать, что $j_1 < j_2$. По свойству 3 множества I имеем $\forall \phi \in Aut(G) \phi(D_{ij_1} \cup \{x_1, x_1^{-1}\}) < D_{ij_1+1} \leq D_{ij_2} < D_{ij_2} \cup \{x_2, x_2^{-1}\}$.

Таким образом, системы образующих, полученные из различных систем образующих предыдущего уровня, всегда не изоморфны. Однако, если две системы образующих получены из одной и той же системы образующих D_{ij} с помощью различных элементов множества $I(D_{ij})$, то эти две системы могут оказаться изоморфными. Для системы образующих D_{ij} определим множество $E(D_{ij})$ как множество всех элементов из $I(D_{ij})$, удовлетворяющих свойствам:

- (1) $\forall x_1, x_2 \in E(D_{ij})$ системы порождающих $D_{ij} \cup \{x_1, x_1^{-1}\}$ и $D_{ij} \cup \{x_2, x_2^{-1}\}$ не изоморфны.
- (2) $\forall x \in E(D_{ij}) \forall y \in I(D_{ij}) y \neq x \forall \phi \in Aut(G) \phi(D_{ij} \cup \{x, x^{-1}\}) \simeq D_{ij} \cup \{y, y^{-1}\} \Rightarrow num(y) > num(x)$

Другими словами, в множество $E(D_{ij})$ входят все элементы $I(D_{ij})$, расширение с помощью которых приводит к максимальному множеству.

Теорема 2.

- (1) *Расширение множеств только с помощью элементов соответствующего множества E сохраняет общность перебора.*

- (2) Любые две различные системы образующих, полученные в процессе расширения с помощью элементов соответствующих множеств E , являются не изоморфными.

Доказательство. (1) В силу 3 расширение только с помощью элементов множеств I сохраняет общность перебора. По выбору элементов множества E каждое неизоморфное множество будет рассмотрено, что обеспечивает общность перебора.

- (2) Пусть D_1 и D_2 — системы образующих из дерева перебора. Если D_1 и D_2 расположены на разных уровнях дерева, то $|\widehat{D}_1| \neq |\widehat{D}_2|$, и они не изоморфны. Если D_1 и D_2 расположены на одном уровне и получены из различных систем образующих предыдущего уровня, то D_1 и D_2 не изоморфны в силу 4. Если D_1 и D_2 расположены на одном уровне и получены из одной и той же системы образующих предыдущего уровня, то они не изоморфны по выбору множества E .

3.4. Основные процедуры. Опишем процедуру Extend, с помощью которой происходит построение слоев дерева перебора.

Вход: i -тый слой дерева перебора. Каждой системе образующих D_{ij} сопоставлено множество $E(D_{ij})$

gSz — размер рассматриваемой группы

Выход: Множество систем образующих на $i + 1$ слое дерева, при этом каждой системе образующих D_{i+1k} сопоставлено соответствующее множество $E(D_{i+1k})$.

Extend(i) {

$k := 0$

Для каждой системы образующих D_{ij} из i -того слоя {

Если $(|D_{ij}| \leq \lfloor \frac{gSz-1}{2} \rfloor)$ {

Для каждого $x \in E(D_{ij})$ {

$D_{i+1k} := D_{ij} \cup \{x, x^{-1}\};$

Добавить к $i + 1$ слою систему образующих D_{i+1k}

Вычислить $I(D_{i+1k})$ и $E(D_{i+1k})$;

$k := k + 1$;

}

}

}

}

Процедура проверки, является ли граф Кэли данной системы образующих графом Деза.

Вход:

Система образующих D_{ij}

Выход:

"Да" или "нет".

IsDeza(D_{ij}) {

Для каждой вершины x графа Кэли {

Для каждой вершины y со свойством $num(y) > num(x)$ {

Посчитаем $t := |\Gamma(x) \cap \Gamma(y)|$

Если (Значение t встречается впервые) $cnt := cnt + 1$

Если ($cnt > 2$) Вернуть "нет"

}

}

```

}
Если (cnt = 2) Вернуть "да"
Иначе Вернуть "нет"
}

```

Процедура проверки, является ли граф Кэли данной системы образующих сильно регулярным графом.

Вход:

Система образующих D_{ij}

Выход:

"Да" или "нет".

IsSRG(D_{ij}) {

cnt := 0

Для каждой вершины x графа Кэли {

Для каждой вершины y со свойством $num(y) > num(x)$ {

Посчитаем $t := |\Gamma(x) \cap \Gamma(y)|$

Если ($x \sim y$) {

Если (x, y — первая рассмотренная пара смежных вершин) $\lambda := t$;

Иначе Если ($t \neq \lambda$) Вернуть "нет"

}

Иначе {

Если (x, y — первая рассмотренная пара не смежных вершин) $\mu := t$;

Иначе Если ($t \neq \mu$) Вернуть "нет"

}

}

}

Вернуть "да"

}

Опишем основную процедуру перебора.

GetAllDeza()

Вход:

Таблицы Кэли групп порядка от 8 до 59

Выход: Список Кэли-Деза графов, содержащий все неизоморфные Кэли-Деза графы (в списке могут быть изоморфные графы). Кроме того, для каждого графа указан список групп, из которых данный граф может быть получен с указанием соответствующих систем образующих.

Для всех порядков групп gSz от 8 до 59 {

Для каждой группы G порядка gSz {

Инициализируем корень дерева пустой системой образующих D_0

Вычислим $E(D_0)$

Для всех i от 0 до $\lfloor \frac{gSz-1}{2} \rfloor$ {

Если ($i < \lfloor \frac{gSz-1}{2} \rfloor$) Extend(i)

Для каждой системы образующих D_{ij} на i -том слое {

Если (isDeza(D_{ij}) и не isSRG(D_{ij})) {

Таблица 1 – Продолжение предыдущей страницы

Структурное описание	Список наборов параметров и номера неизоморфных графов для каждого из них
size=20 C5:C4	(7,3,2):1; (11,10,2):1; (13,9,8):1; (17,16,14):1
size=20 C20	(7,3,2):1; (11,10,2):1; (13,9,8):1; (17,16,14):1
size=20 C5:C4	(7,3,2):1; (7,6,2):1; (8,4,2):1; (10,6,4):1; (11,10,2):1; (13,9,8):1; (13,12,8):1; (17,16,14):1
size=20 D20	(7,3,2):1; (11,10,2):1; (13,9,8):1; (17,16,14):1
size=20 C10xC2	(7,3,2):1; (11,10,2):1; (13,9,8):1; (17,16,14):1
size=21 C7:C3	(8,3,2):1; (8,4,2):1; (12,7,5):1; (12,7,6):1, 2
size=21 C21	(12,7,6):2
size=22 D22	(13,8,6):1; (16,12,10):1
size=22 C22	
size=24 C3:C8	(13,12,2):1; (17,16,10):1; (19,18,14):1; (21,20,18):1
size=24 C24	(13,12,2):1; (17,16,10):1; (19,18,14):1; (21,20,18):1
size=24 SL(2,3)	(17,16,10):1; (19,18,14):1; (21,20,18):1
size=24 C3:Q8	(13,12,2):1; (17,16,10):1; (19,18,14):1; (21,20,18):1
size=24 C4xS3	(8,4,2):1, 2, 3; (13,12,2):1; (16,12,10):1, 2, 3; (17,16,10):1; (19,18,14):1; (20,18,16):1; (21,20,18):1
size=24 D24	(8,4,2):1, 2, 3, 4; (9,4,2):1, 2, 3; (11,6,4):1, 2; (13,12,2):1; (15,10,8):1; (16,12,10):1, 2, 3, 4; (17,12,10):1; (17,16,10):1; (18,14,12):1; (19,18,14):1; (20,18,16):1; (21,20,18):1
size=24 C2x(C3:C4)	(8,4,2):1, 2; (13,12,2):1; (16,12,10):1, 2; (17,16,10):1; (19,18,14):1; (20,18,16):1; (21,20,18):1
size=24 (C6xC2):C2	(7,2,1):1; (8,4,2):1, 2, 3; (9,4,2):1, 2, 3, 4, 5; (11,6,4):1, 2, 3; (13,12,2):1; (15,10,8):1; (16,12,10):1, 2, 3; (17,12,10):1; (17,16,10):1; (18,14,12):1; (19,18,14):1; (20,18,16):1; (21,20,18):1
size=24 C12xC2	(8,4,2):1, 2, 4; (13,12,2):1; (16,12,10):1, 2, 4; (17,16,10):1; (19,18,14):1; (20,18,16):1; (21,20,18):1
size=24 C3xD8	(8,4,2):1, 2; (9,4,2):1, 2, 3; (11,6,4):1, 2; (13,12,2):1; (15,10,8):1; (16,12,10):1, 2; (17,12,10):1; (17,16,10):1; (18,14,12):1; (19,18,14):1; (20,18,16):1; (21,20,18):1
size=24 C3xQ8	(13,12,2):1; (17,16,10):1; (19,18,14):1; (21,20,18):1
size=24 S4	(8,4,2):1, 5, 6, 7; (9,4,2):5; (10,4,2):1, 2, 3; (10,4,3):1; (11,6,4):4, 5, 6, 7, 8, 9; (13,8,6):1, 2; (13,12,2):1; (14,8,6):1; (14,8,7):1; (15,10,8):1, 2, 3, 4; (16,12,10):1, 5, 6; (17,12,10):1; (17,16,10):1; (18,14,12):1; (19,18,14):1; (20,18,16):1; (21,20,18):1
size=24 C2xA4	(8,4,2):1, 8, 9, 10; (9,4,2):5, 6, 7; (11,6,4):10; (13,8,6):3; (13,12,2):1; (15,10,8):1, 5, 6; (16,12,10):1, 7, 8, 9; (17,12,10):1; (17,16,10):1; (18,14,12):1; (19,18,14):1; (20,18,16):1; (21,20,18):1
size=24 C2xC2xS3	(8,4,2):1, 2, 3, 4, 11; (13,12,2):1; (16,12,10):1, 2, 3, 4; (17,16,10):1; (19,18,14):1; (20,18,16):1; (21,20,18):1
size=24 C6xC2xC2	(8,4,2):1, 2; (13,12,2):1; (16,12,10):1, 2; (17,16,10):1; (19,18,14):1; (20,18,16):1; (21,20,18):1
size=26 D26	(13,12,6):1
size=26 C26	(13,12,6):1
size=27 C27	
size=27 C9xC3	
size=27 (C3xC3):C3	(18,12,9):1, 2
size=27 C9:C3	(18,12,9):1, 2
size=27 C3xC3xC3	
size=28 C7:C4	(9,5,2):1; (15,14,2):1; (19,15,12):1; (25,24,22):1
size=28 C28	(9,5,2):1; (15,14,2):1; (19,15,12):1; (25,24,22):1
size=28 D28	(9,5,2):1; (10,4,2):1, 2, 3, 4; (12,6,4):1, 2, 3, 4; (15,14,2):1; (18,12,10):1, 2, 3, 4; (19,15,12):1; (22,18,16):1; (23,20,18):1; (25,24,22):1
size=28 C14xC2	(9,5,2):1; (10,4,2):1, 2, 3, 4; (12,6,4):1, 2, 3, 4; (15,14,2):1; (18,12,10):1, 2, 3, 4; (19,15,12):1; (25,24,22):1
size=30 C5xS3	(21,20,12):1; (25,24,20):1
size=30 C3xD10	(21,20,12):1; (25,24,20):1
size=30 D30	(13,6,4):1; (21,20,12):1; (25,24,20):1
size=30 C30	(21,20,12):1; (25,24,20):1
size=32 C32	(17,16,2):1; (25,24,18):1; (29,28,26):1
size=32 (C4xC2):C4	(10,6,2):1, 2; (17,16,2):1; (22,18,12):1; (22,18,14):1, 2; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C8xC4	(10,4,2):1, 2; (10,6,2):1, 2; (12,8,4):1, 2, 3; (16,8,4):1, 2; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1; (22,18,12):1, 2; (22,18,14):1, 2; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C8:C4	(10,4,2):1, 2; (10,6,2):1, 2; (12,8,4):1, 2, 3; (14,6,2):1, 2; (16,8,4):1, 2; (17,16,2):1; (18,10,6):1; (20,16,12):1, 2; (22,16,14):1; (22,18,12):1, 2; (22,18,14):1, 2; (25,24,18):1, 2; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C8xC2):C2	(10,4,2):1, 2; (10,6,2):1, 2; (12,8,4):1, 2, 3, 4; (16,8,4):1, 2, 3, 4, 5; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1; (22,18,12):1; (22,18,14):1, 2; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 ((C4xC2):C2):C2	(10,4,2):1, 2; (10,6,2):1, 2, 3; (12,8,4):1, 2, 3, 4; (14,6,2):2, 3; (16,8,4):1, 2, 3, 4, 5; (17,16,2):1; (18,10,6):1; (20,16,12):1, 2; (22,16,14):1; (22,18,12):1, 2; (22,18,14):1, 2, 3; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C8:C2):C2	(10,6,2):1, 2; (17,16,2):1; (22,18,12):1, 2; (22,18,14):1, 2; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1

Продолжение на следующей странице

Таблица 1 – Продолжение предыдущей страницы

Структурное описание	Список наборов параметров и номера неизоморфных графов для каждого из них
size=32 C2.(C4xC2):C2=(C2x C2).(C4xC2)	(10,4,2):1, 2; (12,8,4):1, 2, 3, 4; (16,8,4):1, 2, 3, 4, 5; (17,16,2):1; (20,16,12):1, 2; (22,18,12):1, 2; (25,20,18):1; (25,20,19):1; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C8xC2):C2	(10,4,2):1, 2, 3, 4, 5, 6; (10,6,2):1, 2, 4; (12,8,4):1, 2, 3, 4, 5, 6; (14,6,2):1, 2; (16,8,4):1, 2, 3, 4, 5, 6, 7; (17,16,2):1; (18,10,6):1; (20,16,12):1, 2, 3; (22,16,14):1, 2; (22,18,12):1, 2; (22,18,14):1, 2, 4; (25,20,18):3; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 Q8:C4	(10,4,2):1, 2; (10,6,2):1, 2; (12,8,4):1, 2, 3, 4; (16,8,4):1, 2, 3, 4, 5; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1; (22,18,12):1; (22,18,14):1, 2; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C4xC4):C2	(10,4,2):1, 2; (10,6,2):1, 2; (12,8,4):1, 2, 3, 4; (16,8,4):1, 2, 3, 4, 5; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1; (22,18,12):1, 2; (22,18,14):1, 2; (25,20,18):1, 2; (25,20,19):1; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C4:C8	(10,4,2):1, 2; (10,6,2):1, 2; (12,8,4):1, 2, 3; (16,8,4):1, 2; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1; (22,18,12):1, 2; (22,18,14):1, 2; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C8:C4	(10,4,2):1, 2, 5; (10,6,2):1, 2; (12,8,4):1, 2, 3, 5, 6; (16,8,4):1, 2, 6, 7; (17,16,2):1; (20,16,12):1, 2, 3; (22,16,14):1; (22,18,12):1; (22,18,14):1, 2; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C8:C4	(10,4,2):1, 2, 3, 4, 6; (10,6,2):1, 2; (12,8,4):1, 2, 3; (16,8,4):1, 2; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1, 2; (22,18,12):1; (22,18,14):1, 2; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C4.D8=C4.(C4xC2)	(11,4,3):1; (17,16,2):1; (22,18,12):1, 2; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C16xC2	(10,4,2):3, 4, 6, 7; (17,16,2):1; (22,16,14):2, 3; (25,24,18):1; (28,26,24):1; (29,28,26):1
size=32 C16:C2	(10,4,2):2, 5, 7; (11,4,3):1; (12,8,4):1, 5, 6; (16,8,4):6, 7; (17,16,2):1; (20,16,12):2, 3; (22,16,14):1, 3; (25,24,18):1; (28,26,24):1; (29,28,26):1
size=32 D32	(10,4,2):3, 4, 6, 7; (17,16,2):1; (22,16,14):2, 3; (25,24,18):1; (28,26,24):1; (29,28,26):1
size=32 QD32	(10,4,2):2, 5, 7, 8; (12,6,4):1, 2; (12,8,4):1, 5, 6, 7, 8, 9; (13,6,4):1, 2; (15,8,6):1, 2; (16,8,4):6, 7, 8, 9, 10, 11; (16,8,6):1, 2; (17,10,8):1, 2; (17,16,2):1; (19,12,10):1, 2; (20,16,12):2, 3, 4; (22,16,14):1, 3; (25,24,18):1; (28,26,24):1; (29,28,26):1
size=32 Q32	(17,16,2):1; (25,24,18):1; (29,28,26):1
size=32 C4xC4xC2	(10,6,2):1, 2; (17,16,2):1; (22,18,12):1, 2; (22,18,14):1, 2; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C2x((C4xC2):C2)	(10,4,2):9, 10; (10,6,2):1, 2, 3; (17,16,2):1; (22,16,14):4; (22,18,12):1; (22,18,14):1, 2, 3; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C2x(C4:C4)	(10,6,2):1, 2; (17,16,2):1; (22,18,12):1; (22,18,14):1, 2; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C4xC4):C2	(10,4,2):1, 2, 9, 11, 12; (10,6,2):1, 2, 3; (12,8,4):1, 2, 3, 4; (16,8,4):1, 2, 3, 4, 5; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1, 4; (22,18,12):1, 2; (22,18,14):1, 2, 3; (25,20,18):1; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C4xD8	(10,4,2):1, 2, 9, 10, 11, 12; (10,6,2):1, 2, 3; (12,8,4):1, 2, 3; (16,8,4):1, 2; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1, 4; (22,18,12):1, 2; (22,18,14):1, 2, 3; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C4xQ8	(10,6,2):1, 2; (17,16,2):1; (22,18,12):1, 2; (22,18,14):1, 2; (25,20,18):1; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C2xC2xC2xC2):C2	(10,4,2):1, 2, 9, 10, 13, 14, 15, 16; (10,6,2):1, 2, 3; (12,6,4):3, 4, 5; (12,8,4):1, 2, 3, 4, 10; (13,6,4):3, 4, 5, 6, 7; (15,8,6):3, 4, 5; (16,8,4):1, 2, 3, 4, 5, 12, 13; (16,8,6):3, 4, 5; (17,10,8):3, 4, 5, 6, 7; (17,16,2):1; (19,12,10):3, 4, 5; (20,16,12):1, 2, 5; (22,16,14):1, 4; (22,18,12):1, 2; (22,18,14):1, 2, 3; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C4xC2xC2):C2	(10,4,2):1, 2, 9, 11, 12, 14, 15, 16, 17; (10,6,2):1, 2, 3; (12,6,4):4, 5; (12,8,4):1, 2, 3, 4, 10; (13,6,4):4, 5, 6, 7; (15,8,6):4, 5; (16,8,4):1, 2, 3, 4, 5, 12, 13; (16,8,6):4, 5; (17,10,8):4, 5, 6, 7; (17,16,2):1; (19,12,10):4, 5; (20,16,12):1, 2, 5; (22,16,14):1, 4; (22,18,12):1, 2; (22,18,14):1, 2, 3; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C2xQ8):C2	(10,4,2):9, 10; (10,6,2):1, 2, 3; (17,16,2):1; (22,16,14):4; (22,18,12):1; (22,18,14):1, 2, 3; (25,20,18):1; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C4xC2xC2):C2	(10,4,2):1, 2, 9, 10, 11, 12, 13, 14, 15, 16, 17; (10,6,2):1, 2, 3; (12,6,4):4, 5, 6; (12,8,4):1, 2, 3, 10; (13,6,4):4, 5, 6, 7, 8, 9, 10; (15,8,6):4, 5, 6; (16,8,4):1, 2, 12, 13; (16,8,6):4, 5, 6; (17,10,8):4, 5, 6, 7, 8, 9, 10; (17,16,2):1; (19,12,10):4, 5, 6; (20,16,12):1, 2, 5; (22,16,14):1, 4; (22,18,12):1, 2; (22,18,14):1, 2, 3; (25,20,18):1; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C4xC4):C2	(10,4,2):1, 2, 9, 10, 17; (10,6,2):1, 2, 3; (12,8,4):1, 2, 3, 4; (16,8,4):1, 2, 3, 4, 5; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1, 4; (22,18,12):1, 2; (22,18,14):1, 2, 3; (25,20,18):1; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C2xC2).(C2xC2xC2)	(10,4,2):1, 2, 9, 11, 12; (12,8,4):1, 2, 3; (14,6,2):1, 2; (16,8,4):1, 2; (17,16,2):1; (18,10,6):1; (20,16,12):1, 2; (22,16,14):1, 4; (22,18,12):1, 2; (25,20,18):1; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C4xC4):C2	(10,4,2):1, 2, 9, 10, 12, 14, 15, 16, 17; (12,6,4):4, 5, 7, 8; (12,8,4):1, 2, 3, 10; (13,6,4):4, 5, 6, 7, 11, 12, 13, 14; (14,6,4):1, 2; (15,7,6):1, 2; (15,8,6):4, 5, 7, 8; (16,8,4):1, 2, 12, 13; (16,8,6):4, 5, 7, 8; (17,10,8):4, 5, 6, 7, 11, 12, 13, 14; (17,16,2):1; (19,12,10):4, 5, 7, 8; (20,16,12):1, 2, 5; (22,16,14):1, 4; (22,18,12):1, 2; (25,20,18):1; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C4xC4):C2	(10,4,2):1, 2; (10,6,2):1, 2, 3; (12,8,4):1, 2, 3; (16,8,4):1, 2; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1; (22,18,12):1, 2; (22,18,14):1, 2, 3; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1

Продолжение на следующей странице

Таблица 1 – Продолжение предыдущей страницы

Структурное описание	Список наборов параметров и номера неизоморфных графов для каждого из них
size=32 C4:Q8	(10,6,2):1, 2; (17,16,2):1; (22,18,12):1, 2; (22,18,14):1, 2; (25,20,18):1; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C8xC2xC2	(10,4,2):1, 2; (10,6,2):1, 2; (12,8,4):1, 2, 3, 4; (16,8,4):1, 2, 3, 4, 5; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1; (22,18,12):1; (22,18,14):1, 2; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C2x(C8:C2)	(10,4,2):1, 2; (10,6,2):1, 2; (12,8,4):1, 2, 3, 4; (16,8,4):1, 2, 3, 4, 5; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1; (22,18,12):1, 2; (22,18,14):1, 2; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C8xC2):C2	(17,16,2):1; (22,18,12):1, 2; (25,20,18):1; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C2xD16	(10,4,2):1, 2, 3, 4, 5, 6, 7; (10,6,2):1, 2, 4, 5; (12,8,4):1, 2, 3, 4, 5, 6; (16,8,4):1, 2, 3, 4, 5, 6, 7; (17,16,2):1; (20,16,12):1, 2, 3; (22,16,14):1, 2, 3; (22,18,12):1, 2; (22,18,14):1, 2, 4; (25,20,18):1, 3; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C2xQD16	(10,4,2):1, 2, 7; (10,6,2):1, 2, 6; (12,8,4):1, 2, 3, 4; (16,8,4):1, 2, 3, 4, 5; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1, 3; (22,18,12):1, 2; (22,18,14):1, 2, 5; (25,20,18):1, 2, 4; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C2xQ16	(10,4,2):7; (17,16,2):1; (22,16,14):3; (25,24,18):1; (28,26,24):1; (29,28,26):1
size=32 (C8xC2):C2	(10,4,2):7; (10,6,2):6; (17,16,2):1; (22,16,14):3; (22,18,12):1, 2; (22,18,14):5; (25,20,18):1, 4; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C2xD8):C2	(10,4,2):1, 2; (10,6,2):1, 2, 6; (12,8,4):1, 2, 3, 4; (16,8,4):1, 2, 3, 4, 5; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1; (22,18,12):1, 2; (22,18,14):1, 2, 5; (25,20,18):1, 2, 4; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C2xQ8):C2	(10,6,2):6; (17,16,2):1; (22,18,12):1, 2; (22,18,14):5; (25,20,18):1, 4; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C4xC2xC2xC2	(10,6,2):1, 2; (17,16,2):1; (22,18,12):1; (22,18,14):1, 2; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C2xC2xD8	(10,4,2):1, 2; (10,6,2):1, 2, 3, 7; (12,8,4):1, 2, 3, 4; (16,8,4):1, 2, 3, 4, 5; (17,16,2):1; (20,16,12):1, 2; (22,16,14):1; (22,18,12):1, 2; (22,18,14):1, 2, 3; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C2xC2xQ8	(10,6,2):1, 2; (17,16,2):1; (22,18,12):1; (22,18,14):1, 2; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 C2x(C4xC2):C2	(10,6,2):1, 2, 3, 7; (17,16,2):1; (22,18,12):1, 2; (22,18,14):1, 2, 3; (25,20,18):1; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C2xD8):C2	(10,6,2):1, 2, 3, 7; (17,16,2):1; (22,18,12):1, 2; (22,18,14):1, 2, 3; (25,20,18):1; (25,24,18):1; (26,22,20):1; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=32 (C2xQ8):C2	(17,16,2):1; (25,20,19):1; (25,24,18):1; (28,26,24):1; (29,28,26):1
size=32 C2xC2xC2xC2xC2	(10,6,2):1, 2; (17,16,2):1; (22,18,12):1; (22,18,14):1, 2; (25,20,18):1, 2; (25,24,18):1; (26,22,20):1, 2; (27,24,22):1; (28,26,24):1; (29,28,26):1
size=34 D34	(17,16,8):1; (21,14,12):1
size=34 C34	(17,16,8):1
size=36 C9:C4	(11,7,2):1; (19,18,2):1; (25,21,16):1; (25,24,14):1; (31,30,26):1; (33,32,30):1
size=36 C36	(11,7,2):1; (19,18,2):1; (25,21,16):1; (25,24,14):1; (31,30,26):1; (33,32,30):1
size=36 (C2xC2):C9	(11,7,2):1; (20,12,10):1, 2; (25,24,14):1; (31,30,26):1; (33,32,30):1
size=36 D36	(10,4,2):1, 2, 3, 4, 5, 6, 7; (11,7,2):1; (14,6,4):1, 2, 3, 4; (19,18,2):1; (20,12,10):1, 2, 3, 4; (22,14,12):1, 2, 3, 4; (25,21,16):1; (25,24,14):1; (26,20,18):1, 2, 3, 4, 5; (31,30,26):1; (33,32,30):1
size=36 C18xC2	(10,4,2):1, 2, 3, 4; (11,7,2):1; (14,6,4):1, 2, 3, 4; (19,18,2):1; (20,12,10):1, 2, 3, 4; (22,14,12):1, 2, 3, 4; (25,21,16):1; (25,24,14):1; (26,20,18):1, 2, 3, 4; (31,30,26):1; (33,32,30):1
size=36 C3x(C3:C4)	(10,4,2):8; (11,6,2):1; (11,7,2):1; (13,6,4):1; (14,6,4):5; (19,18,2):1; (20,12,10):5, 6, 7; (22,14,12):5, 6; (23,16,14):1; (24,16,15):1; (25,21,16):1; (25,24,14):1; (26,20,18):6, 7; (31,30,26):1; (33,32,30):1
size=36 (C3xC3):C4	(11,7,2):1; (19,18,2):1; (25,21,16):1; (25,24,14):1; (31,30,26):1; (33,32,30):1
size=36 C12xC3	(11,7,2):1; (19,18,2):1; (25,21,16):1; (25,24,14):1; (31,30,26):1; (33,32,30):1
size=36 (C3xC3):C4	(10,4,2):8; (11,6,2):1; (11,7,2):1; (13,6,4):2; (14,6,4):6; (19,18,2):1; (20,12,10):8; (23,16,14):2; (24,16,15):2, 3; (25,18,16):1; (25,21,16):1; (26,20,18):6, 7; (31,30,26):1; (33,32,30):1
size=36 S3xS3	(10,4,2):8, 9, 10, 11, 12; (11,6,2):1; (11,7,2):1; (13,6,4):2, 3; (14,6,4):6, 7, 8; (19,18,2):1; (20,12,10):8, 9; (22,14,12):7, 8; (23,16,14):2; (24,16,15):2, 3; (25,18,16):1; (25,20,16):1; (25,21,16):1; (25,24,14):1; (26,20,18):6, 7, 8, 9, 10, 11; (31,30,26):1; (33,32,30):1
size=36 C3xA4	(9,4,2):1; (10,4,2):13, 14; (11,7,2):1; (20,12,10):7; (23,16,14):1; (24,16,15):1; (25,24,14):1; (26,20,18):12, 13; (31,30,26):1; (33,32,30):1
size=36 C6xS3	(10,4,2):8, 9, 10, 11; (11,6,2):1; (11,7,2):1; (13,6,4):2, 3; (14,6,4):6, 7, 8; (17,8,6):1; (19,10,8):1; (19,18,2):1; (20,12,10):8, 9; (22,14,12):7, 8; (23,16,14):2; (24,16,15):3; (25,20,16):1; (25,21,16):1; (25,24,14):1; (26,20,18):6, 7, 8, 9, 10; (31,30,26):1; (33,32,30):1
size=36 C2x(C3xC3):C2	(10,4,2):8, 9, 10; (11,6,2):1; (11,7,2):1; (13,6,4):1; (14,6,4):5, 9; (19,18,2):1; (20,12,10):5, 6, 7; (22,14,12):5, 6, 9; (23,16,14):1; (24,16,15):1; (25,20,16):1; (25,21,16):1; (25,24,14):1; (26,20,18):6, 7, 8, 10; (31,30,26):1; (33,32,30):1
size=36 C6xC6	(10,4,2):8, 9; (11,6,2):1; (11,7,2):1; (13,6,4):1; (14,6,4):5, 9; (19,18,2):1; (20,12,10):5, 6, 7; (22,14,12):5, 6, 9; (23,16,14):1; (24,16,15):1; (25,20,16):1; (25,21,16):1; (25,24,14):1; (26,20,18):6, 7, 8; (31,30,26):1; (33,32,30):1
size=37 C37	(24,16,15):1
size=39 C13:C3	(22,13,11):1

Продолжение на следующей странице

Таблица 1 – Продолжение предыдущей страницы

Структурное описание	Список наборов параметров и номера неизоморфных графов для каждого из них
size=39 C39	
size=40 C5:C8	(21,20,2):1; (31,30,22):1; (33,32,26):1; (37,36,34):1
size=40 C40	(21,20,2):1; (31,30,22):1; (33,32,26):1; (37,36,34):1
size=40 C5:C8	(8,2,1):1, 2, 3, 4; (21,20,2):1; (31,30,22):1; (33,32,26):1; (37,36,34):1
size=40 C5:Q8	(21,20,2):1; (31,30,22):1; (33,32,26):1; (37,36,34):1
size=40 C4xD10	(12,8,2):1, 2, 3; (21,20,2):1; (28,24,18):1, 2, 3; (31,30,22):1; (33,32,26):1; (36,34,32):1; (37,36,34):1
size=40 D40	(12,8,2):1, 2, 3; (21,20,2):1; (28,24,18):1, 2, 3; (31,30,22):1; (33,32,26):1; (36,34,32):1; (37,36,34):1
size=40 C2x(C5:C4)	(12,8,2):1, 2; (21,20,2):1; (28,24,18):1, 2; (31,30,22):1; (33,32,26):1; (36,34,32):1; (37,36,34):1
size=40 (C10xC2):C2	(12,8,2):1, 2, 3; (21,20,2):1; (28,24,18):1, 2, 3; (31,30,22):1; (33,32,26):1; (36,34,32):1; (37,36,34):1
size=40 C20xC2	(12,8,2):1, 2; (21,20,2):1; (28,24,18):1, 2; (31,30,22):1; (33,32,26):1; (36,34,32):1; (37,36,34):1
size=40 C5xD8	(12,8,2):1, 2; (21,20,2):1; (28,24,18):1, 2; (31,30,22):1; (33,32,26):1; (36,34,32):1; (37,36,34):1
size=40 C5xQ8	(21,20,2):1; (31,30,22):1; (33,32,26):1; (37,36,34):1
size=40 C2x(C5:C4)	(12,8,2):1, 2; (16,12,6):1; (18,8,2):1; (21,20,2):1; (22,12,6):1; (24,20,14):1; (28,24,18):1, 2; (31,30,22):1; (33,32,26):1; (36,34,32):1; (37,36,34):1
size=40 C2xC2xD10	(12,8,2):1, 2, 3, 4; (21,20,2):1; (28,24,18):1, 2, 3; (31,30,22):1; (33,32,26):1; (36,34,32):1; (37,36,34):1
size=40 C10xC2xC2	(12,8,2):1, 2; (21,20,2):1; (28,24,18):1, 2; (31,30,22):1; (33,32,26):1; (36,34,32):1; (37,36,34):1
size=42 (C7:C3):C2	(29,28,16):1; (37,34,32):1; (37,36,32):1
size=42 C2x(C7:C3)	(12,4,2):1, 2; (29,28,16):1; (37,36,32):1
size=42 C7xS3	(20,10,8):1; (29,28,16):1; (37,36,32):1
size=42 C3xD14	(29,28,16):1; (37,34,32):1; (37,36,32):1
size=42 D42	(20,10,8):1; (29,28,16):1; (32,25,24):1; (37,34,32):1; (37,36,32):1
size=42 C42	(29,28,16):1; (37,36,32):1
size=44 C11:C4	(13,9,2):1; (23,22,2):1; (31,27,20):1; (41,40,38):1
size=44 C44	(13,9,2):1; (23,22,2):1; (31,27,20):1; (41,40,38):1
size=44 D44	(12,4,2):1, 2, 3, 4, 5, 6, 7, 8; (13,9,2):1; (23,22,2):1; (31,27,20):1; (37,32,30):1; (38,34,32):1; (41,40,38):1
size=44 C22xC2	(12,4,2):1, 2, 3, 4, 5, 6, 7, 8; (13,9,2):1; (23,22,2):1; (31,27,20):1; (41,40,38):1
size=45 C45	
size=45 C15xC3	(24,13,12):1
size=48 C3:C16	(25,24,2):1; (33,32,18):1; (37,36,26):1; (41,40,34):1; (43,42,38):1; (45,44,42):1
size=48 C48	(25,24,2):1; (33,32,18):1; (37,36,26):1; (41,40,34):1; (43,42,38):1; (45,44,42):1
size=48 (C4xC4):C3	(11,4,2):1, 2; (15,6,4):1; (18,8,6):1, 2; (18,10,6):1, 2, 3, 4; (22,10,2):1, 2; (24,12,8):1; (25,14,12):1; (26,14,6):1; (26,14,10):1, 2; (29,18,16):1; (30,20,18):1, 2; (30,22,18):1, 2; (33,32,18):1; (35,26,25):1; (37,36,26):1; (38,34,28):1, 2; (41,40,34):1; (42,38,36):1; (43,40,38):1; (44,42,40):1; (45,44,42):1
size=48 C8xS3	(11,3,2):1; (11,4,2):3, 4, 5; (12,4,2):1, 2, 3, 4, 5; (13,4,2):1, 2, 3, 4, 5, 6; (16,6,4):1; (25,24,2):1; (32,22,20):1; (33,32,18):1; (35,26,24):1, 2, 3, 4; (37,29,28):1, 2; (37,30,28):1; (37,36,26):1; (40,34,32):1; (41,40,34):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C24:C2	(11,3,2):1; (12,4,2):1, 2, 3, 5, 6; (13,4,2):1, 2, 6, 7; (18,10,6):1, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35; (22,10,6):1, 2, 3, 4; (25,24,2):1; (26,14,10):1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12; (30,22,18):3, 4, 5, 6, 7, 8, 9, 10, 11; (33,32,18):1; (35,26,24):1, 2, 4, 5; (37,29,28):1, 3, 4; (37,36,26):1; (38,34,28):1, 2; (40,34,32):2; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C24:C2	(11,3,2):1; (12,4,2):1, 2, 3, 4, 5, 6, 7; (13,4,2):1, 2, 5, 6, 7; (14,6,2):1, 2, 3, 4, 5; (14,10,2):1; (16,8,4):1, 2; (18,10,6):1, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31, 32, 33, 34, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76; (18,12,6):1, 2, 3; (18,14,6):1; (21,10,8):1, 2, 3, 4, 5, 6; (22,10,6):1, 2, 3, 4, 5, 6; (22,10,8):1, 2; (23,12,10):1, 2; (25,14,12):2, 3; (25,24,2):1; (26,14,10):1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17; (26,14,12):1, 2, 3, 4, 5, 6; (27,16,14):1, 2, 3, 4, 5, 6; (30,22,18):3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27; (30,24,18):1; (30,26,18):1; (32,24,20):1, 2; (33,32,18):1; (34,26,22):1; (34,30,22):1; (35,26,24):1, 2, 3, 4, 5; (36,28,26):1; (37,29,28):1; (37,36,26):1; (38,34,28):1, 2; (41,36,34):1; (41,40,34):1; (42,38,36):1, 2; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 D48	(11,3,2):1; (11,4,2):3, 4, 5; (12,4,2):8, 9, 10, 11, 12, 13, 14, 15; (13,4,2):8, 9, 10, 11, 12, 13; (25,24,2):1; (33,32,18):1; (35,26,24):6, 7; (37,29,28):1; (37,30,28):1; (37,36,26):1; (40,34,32):1, 2, 3, 4; (41,36,34):1; (41,40,34):1; (42,38,36):2; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C3:Q16	(25,24,2):1; (33,32,18):1; (37,36,26):1; (41,40,34):1; (43,42,38):1; (45,44,42):1
size=48 C2x(C3:C8)	(11,3,2):1; (11,4,2):3, 4, 5; (12,4,2):1, 2, 3, 5; (13,4,2):1, 2, 6, 14, 15, 16; (15,6,4):2, 3, 4; (25,24,2):1; (33,32,18):1; (35,26,24):1, 2, 4; (37,29,28):1, 2; (37,30,28):1; (37,36,26):1; (41,40,34):1; (43,42,38):1; (44,42,40):1; (45,44,42):1

Продолжение на следующей странице

Таблица 1 – Продолжение предыдущей страницы

Структурное описание	Список наборов параметров и номера неизоморфных графов для каждого из них
size=48 (C3:C8):C2	(18,10,6):1, 5, 6, 7, 8, 13, 16, 17, 20, 21, 26, 29, 31, 32; (22,10,6):1, 2; (25,24,2):1; (26,14,10):1, 3, 6, 9, 10; (30,22,18):3, 4, 7, 9, 11; (33,32,18):1; (37,29,28):3; (37,36,26):1; (38,34,28):1, 2; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C4x(C3:C4)	(14,10,2):2, 3; (16,8,4):3, 4, 5, 6, 7; (18,10,6):1, 5, 16, 20, 29, 36, 41, 46, 49, 50, 77, 78, 79; (18,14,6):2, 3; (22,10,6):1, 6, 7; (25,24,2):1; (26,14,10):1, 9, 13, 14, 18; (30,22,18):3, 9, 12, 23, 28; (30,26,18):2, 3; (32,24,20):3, 4, 5, 6, 7; (33,32,18):1; (34,30,22):2, 3; (37,36,26):1; (38,34,28):1, 2; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 (C3:C4):C4	(11,4,2):3, 4, 5; (14,10,2):2, 3; (16,8,4):3, 4, 5, 6, 7; (18,10,6):16, 41; (18,14,6):2, 3; (22,10,6):1, 6, 7, 8; (25,24,2):1; (26,14,10):9, 13, 18, 19; (30,22,18):9, 23; (30,26,18):2, 3; (32,24,20):3, 4, 5, 6, 7; (33,32,18):1; (34,30,22):2, 3; (37,30,28):1; (37,36,26):1; (38,34,28):1; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C12:C4	(11,4,2):3, 4, 5; (14,10,2):2, 3; (16,8,4):4, 6, 8, 9, 10; (18,10,6):16; (18,14,6):2, 3; (22,10,6):1, 7; (25,24,2):1; (26,14,10):9, 18; (30,22,18):9; (30,26,18):2, 3; (32,24,20):4, 6, 8, 9, 10; (33,32,18):1; (34,30,22):2, 3; (37,30,28):1; (37,36,26):1; (38,34,28):1; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 (C12x2):C2	(11,4,2):3, 4, 5; (14,10,2):2, 3, 4, 5; (16,8,4):3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15; (18,10,6):16, 41, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99; (18,14,6):2, 3, 4; (22,10,6):1, 6, 7, 9; (25,24,2):1; (26,14,10):9, 13, 18, 20, 21, 22, 23; (30,22,18):9, 23, 29, 30, 31, 32, 33, 34, 35, 36; (30,26,18):2, 3, 4; (32,24,20):3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15; (33,32,18):1; (34,30,22):2, 3, 4, 5; (37,30,28):1; (37,36,26):1; (38,34,28):1; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 (C3xD8):C2	(11,4,2):3, 4, 5; (12,4,2):1, 2, 3, 5; (13,4,2):1, 2, 3, 4, 6, 14, 15, 16; (15,6,4):2, 3, 4; (16,6,4):1; (25,24,2):1; (32,22,20):1; (33,24,22):1; (33,32,18):1; (35,26,24):1, 2, 4; (37,29,28):3; (37,30,28):1; (37,36,26):1; (40,34,32):1, 3; (41,36,34):1; (41,40,34):1; (42,38,36):2; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 (C3:C8):C2	(9,2,1):1, 2; (12,4,2):1, 2, 3, 5, 6; (13,4,2):1, 2, 6, 7; (14,6,2):1, 3, 4, 6, 7; (14,10,2):1; (16,8,4):1; (18,10,6):1, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31, 32, 33, 34, 55, 100; (18,12,6):1, 2, 3; (18,14,6):1; (21,10,8):1, 4, 5, 7, 8, 9; (22,10,6):1, 2, 3, 4; (22,10,8):1, 3; (23,12,10):1, 3; (25,14,12):2, 4; (25,24,2):1; (26,14,10):1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12; (26,14,12):1, 4, 5, 7, 8, 9; (27,16,14):1, 4, 5, 7, 8, 9; (30,22,18):3, 4, 5, 6, 7, 8, 9, 10, 11, 14, 15, 26, 37, 38, 39; (30,24,18):1; (30,26,18):1; (32,24,20):1; (33,32,18):1; (34,26,22):1; (34,30,22):1; (35,26,24):1, 2, 4, 5; (37,29,28):2, 4; (37,36,26):1; (38,34,28):1, 2; (41,36,34):1; (41,40,34):1; (42,38,36):1, 2; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 (C3xQ8):C2	(11,3,2):1; (12,4,2):16; (14,6,2):1, 3, 4; (14,10,2):1; (16,8,4):1, 2; (18,10,6):1, 5, 6, 7, 8, 13, 16, 17, 20, 21, 26, 29, 31, 32, 55; (18,12,6):1, 2, 3; (18,14,6):1; (21,10,8):1, 4, 5; (22,10,6):1, 2; (22,10,8):1; (23,12,10):1; (25,14,12):2; (25,24,2):1; (26,14,10):1, 3, 6, 9, 10; (26,14,12):1, 4, 5; (27,16,14):1, 4, 5; (30,22,18):3, 4, 7, 9, 11, 14, 15, 26; (30,24,18):1; (30,26,18):1; (32,24,20):1, 2; (33,32,18):1; (34,26,22):1; (34,30,22):1; (36,28,26):2; (37,29,28):1, 2, 3; (37,36,26):1; (38,34,28):1, 2; (40,34,32):2; (41,36,34):1; (41,40,34):1; (42,38,36):1, 2; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C3:Q16	(11,3,2):1; (12,4,2):1, 2, 3, 4, 5; (13,4,2):1, 2, 5, 6; (16,8,4):2; (25,24,2):1; (32,24,20):2; (33,32,18):1; (35,26,24):1, 2, 3, 4; (37,29,28):1; (37,36,26):1; (41,40,34):1; (43,42,38):1; (45,44,42):1
size=48 (C2x(C3:C4)):C2	(11,4,2):3, 4, 5; (14,10,2):2, 3, 4; (16,8,4):3, 4, 5, 6, 11; (18,10,6):16, 41, 80, 81, 82, 83, 84, 85, 86, 93; (18,14,6):2, 3, 4; (22,10,6):1, 6, 7, 10; (25,24,2):1; (26,14,10):9, 13, 18, 20, 24; (30,22,18):9, 23, 29, 30; (30,26,18):2, 3, 4; (32,24,20):3, 4, 5, 6, 11; (33,32,18):1; (34,30,22):2, 3, 4; (37,30,28):1; (37,36,26):1; (38,34,28):1; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C12xC4	(14,10,2):2, 3; (16,8,4):4, 6, 8, 9, 10, 16; (18,10,6):1, 5, 16, 20, 29; (18,14,6):2, 3; (22,10,6):1; (25,24,2):1; (26,14,10):1, 9; (30,22,18):3, 9; (30,26,18):2, 3; (32,24,20):4, 6, 8, 9, 10, 16; (33,32,18):1; (34,30,22):2, 3; (37,36,26):1; (38,34,28):1, 2; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C3x((C4xC2):C2)	(11,4,2):3, 4, 5; (14,10,2):2, 3, 4; (16,8,4):4, 6, 8, 9, 10, 11, 14; (18,10,6):16, 41, 80, 83, 84, 85, 86, 96, 97; (18,14,6):2, 3, 4; (22,10,6):1, 6; (25,24,2):1; (26,14,10):9, 13, 20; (30,22,18):9, 23, 30, 33, 34; (30,26,18):2, 3, 4; (32,24,20):4, 6, 8, 9, 10, 11, 14; (33,32,18):1; (34,30,22):2, 3, 4; (37,30,28):1; (37,36,26):1; (38,34,28):1; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C3x(C4:C4)	(11,4,2):3, 4, 5; (14,10,2):2, 3; (16,8,4):4, 6, 7, 8, 9, 10, 15; (18,10,6):16; (18,14,6):2, 3; (22,10,6):1; (25,24,2):1; (26,14,10):9; (30,22,18):9; (30,26,18):2, 3; (32,24,20):4, 6, 7, 8, 9, 10, 15; (33,32,18):1; (34,30,22):2, 3; (37,30,28):1; (37,36,26):1; (38,34,28):1; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C24xC2	(11,4,2):3, 4, 5; (12,4,2):8, 9, 10, 11, 12, 13, 14, 15; (13,4,2):8, 9, 10, 11, 12, 13; (25,24,2):1; (33,32,18):1; (35,26,24):6, 7; (37,30,28):1; (37,36,26):1; (41,40,34):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C3x(C8:C2)	(11,3,2):1; (12,4,2):1, 2, 3, 5; (13,4,2):1, 2, 6; (18,10,6):1, 5, 6, 7, 8, 13, 16, 17, 20, 21, 26, 29, 31, 32, 36, 41, 46, 49, 50; (22,10,6):1, 2, 6; (25,24,2):1; (26,14,10):1, 3, 6, 9, 10, 13, 14; (30,22,18):3, 4, 7, 9, 11, 12, 23; (33,32,18):1; (35,26,24):1, 2, 4; (37,29,28):1; (37,36,26):1; (38,34,28):1, 2; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1

Продолжение на следующей странице

Таблица 1 – Продолжение предыдущей страницы

Структурное описание	Список наборов параметров и номера неизоморфных графов для каждого из них
size=48 C3xD16	(11,4,2):3, 4, 5; (12,4,2):1, 2, 3, 5; (13,4,2):1, 2, 3, 4, 6; (16,6,4):1; (25,24,2):1; (32,22,20):1; (33,32,18):1; (35,26,24):1, 2, 4; (37,29,28):4; (37,30,28):1; (37,36,26):1; (40,34,32):3; (41,36,34):1; (41,40,34):1; (42,38,36):2; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C3xQD16	(12,4,2):1, 2, 3, 5; (13,4,2):1, 2, 6; (14,6,2):1, 3, 4, 8, 9; (14,10,2):1; (16,6,4):2, 3; (16,8,4):1; (18,8,6):3; (18,10,6):1, 5, 6, 7, 8, 13, 16, 17, 20, 21, 26, 29, 31, 32, 55, 101, 102, 103, 104; (18,12,6):1, 2, 3; (18,14,6):1; (21,10,8):1, 4, 5, 10, 11, 12, 13; (22,10,6):1, 2; (22,10,8):1; (23,12,10):1; (25,14,12):2; (25,24,2):1; (26,14,10):1, 3, 6, 9, 10, 25, 26, 27, 28; (26,14,12):1, 4, 5, 10, 11, 12, 13; (27,16,14):1, 4, 5, 10, 11, 12, 13; (30,20,18):3; (30,22,18):3, 4, 7, 9, 11, 14, 15, 26, 40, 41; (30,24,18):1; (30,26,18):1; (32,24,20):1; (33,32,18):1; (34,26,22):1; (34,30,22):1; (35,26,24):1, 2, 4; (37,29,28):2, 3; (37,36,26):1; (38,34,28):1, 2; (41,36,34):1; (41,40,34):1; (42,38,36):1, 2; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C3xQ16	(11,3,2):1; (16,8,4):2; (25,24,2):1; (32,24,20):2; (33,32,18):1; (37,29,28):1; (37,36,26):1; (41,40,34):1; (43,42,38):1; (45,44,42):1
size=48 C2.S4=SL(2,3).C2	(13,4,3):1; (25,24,2):1; (33,32,18):1; (35,26,25):2; (37,36,26):1; (41,40,34):1; (43,42,38):1; (45,44,42):1
size=48 GL(2,3)	(11,3,2):1, 2, 3, 4; (12,4,2):16; (13,4,2):17; (14,6,2):10, 11, 12; (16,6,4):4, 5; (18,8,6):4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15; (18,10,6):55, 105, 106, 107, 108; (18,14,6):1; (21,10,8):14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25; (22,10,6):1, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22; (22,10,8):1, 4, 5, 6; (23,12,10):1, 4, 5, 6; (24,12,10):1, 2, 3, 4, 5, 6; (25,14,12):2, 5, 6, 7; (25,24,2):1; (27,16,14):14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25; (30,22,18):42, 43, 44; (30,24,18):1, 2, 3, 4; (32,22,20):2, 3; (33,32,18):1; (34,26,22):1; (34,30,22):1; (35,26,24):8; (36,28,26):2; (37,29,28):1, 2; (37,36,26):1; (38,34,28):1, 2; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 A4:C4	(13,4,2):18, 19, 20, 21, 22, 23; (13,4,3):1; (14,10,2):2, 3, 4; (15,6,4):5, 6, 7, 8, 9, 10, 11, 12; (16,6,4):6, 7, 8, 9, 10; (16,8,4):6; (18,8,6):16, 17, 18, 19; (18,10,6):109, 110; (18,14,6):2, 3, 4; (19,8,6):1, 2; (21,10,8):26, 27; (22,10,2):2, 3, 4, 5, 6; (22,10,6):1; (24,12,8):2, 3, 4, 5, 6, 7, 8, 9; (25,24,2):1; (26,14,6):1, 2, 3; (26,14,10):9; (27,16,14):26, 27; (29,18,16):2, 3; (30,22,18):45, 46; (30,26,18):2, 3, 4; (32,22,20):4, 5, 6; (32,24,20):4; (33,24,22):2, 3, 4, 5; (33,32,18):1; (34,30,22):2, 3, 4; (35,26,25):2; (37,36,26):1; (38,34,28):1; (41,36,34):1; (41,40,34):1; (42,38,36):1, 2; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C4xA4	(13,4,2):18, 19, 20, 21, 22, 23; (14,10,2):2, 3; (15,6,4):12; (16,6,4):10; (16,8,4):6, 9; (18,10,6):109, 110, 111, 112, 113; (18,14,6):2, 3; (22,10,2):7, 8, 9; (22,10,6):1; (24,12,8):2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17; (25,24,2):1; (26,14,6):4, 5, 6; (26,14,10):9; (30,22,18):45, 46, 47, 48, 49; (30,26,18):2, 3; (32,22,20):4, 5, 6; (32,24,20):4, 8; (33,24,22):2, 3, 5; (33,32,18):1; (34,30,22):2, 3; (37,36,26):1; (38,34,28):1; (39,32,30):1; (40,34,32):5; (41,36,34):1; (41,40,34):1; (42,38,36):1, 2; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C2xSL(2,3)	(11,3,2):1; (13,4,3):1; (15,6,4):13, 14, 15, 16, 17, 18; (25,24,2):1; (33,24,22):6, 7; (33,32,18):1; (35,26,25):2; (37,29,28):1, 2; (37,36,26):1; (41,40,34):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 SL(2,3):C2	(24,12,8):18, 19, 20, 21, 22, 23, 24; (25,24,2):1; (33,32,18):1; (37,36,26):1; (41,40,34):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C2x(C3:Q8)	(25,24,2):1; (33,32,18):1; (37,36,26):1; (41,40,34):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C2xC4xS3	(14,10,2):2, 3, 6; (16,8,4):3, 4, 5, 6, 7, 8, 9, 10, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25; (18,10,6):16, 41, 114, 115; (18,14,6):2, 3; (22,10,6):1, 6, 7; (25,24,2):1; (26,14,10):9, 13, 18; (30,22,18):9, 23, 50, 51; (30,26,18):2, 3; (32,24,20):3, 4, 5, 6, 7, 8, 9, 10, 15, 17, 18, 19; (33,32,18):1; (34,30,22):2, 3, 6; (37,36,26):1; (38,34,28):1; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C2xD24	(11,4,2):3, 4, 5; (12,4,2):1, 2, 3, 5, 8, 9, 10, 11, 12, 13, 14, 15; (13,4,2):1, 2, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16; (14,10,2):2, 3, 4, 5, 6, 7, 8; (15,6,4):2, 3, 4; (16,8,4):3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33; (18,10,6):1, 5, 6, 7, 8, 13, 16, 17, 20, 21, 26, 29, 31, 32, 36, 41, 46, 49, 50, 77, 78, 79, 96, 97, 114, 115; (18,14,6):2, 3, 4; (22,10,6):1, 2, 6, 7; (25,24,2):1; (26,14,10):1, 3, 6, 9, 10, 13, 14, 18; (30,22,18):3, 4, 7, 9, 11, 12, 23, 28, 33, 34, 50, 51; (30,26,18):2, 3, 4, 5; (32,24,20):3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20; (33,24,22):1; (33,32,18):1; (34,30,22):2, 3, 4, 5, 6; (35,26,24):1, 2, 4, 6, 7; (37,30,28):1; (37,36,26):1; (38,34,28):1, 2; (39,32,30):2; (40,34,32):6, 7, 8; (41,36,34):1, 2; (41,40,34):1; (42,38,36):1, 2; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 (C12xC2):C2	(11,3,2):1; (12,4,2):1, 2, 3, 5, 17; (13,4,2):1, 2, 6, 24; (16,8,4):34, 35; (25,24,2):1; (32,24,20):21, 22; (33,32,18):1; (35,26,24):1, 2, 4, 9; (37,29,28):1; (37,36,26):1; (40,34,32):6, 9; (41,36,34):1; (41,40,34):1; (42,38,36):2; (43,42,38):1; (44,42,40):1; (45,44,42):1

Продолжение на следующей странице

Таблица 1 – Продолжение предыдущей страницы

Структурное описание	Список наборов параметров и номера неизоморфных графов для каждого из них
size=48 D8xS3	(11,4,2):3, 4, 5; (12,4,2):1, 2, 3, 5, 6, 18; (13,4,2):1, 2, 3, 4, 6, 7, 25; (14,10,2):2, 3, 4, 6, 8, 9; (16,6,4):1, 11, 12, 13, 14, 15, 16, 17, 18; (16,8,4):3, 4, 5, 6, 8, 9, 10, 11, 21, 22, 24, 25, 27, 28, 31, 33, 36, 37; (18,10,6):1, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31, 32, 33, 34, 41, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129; (18,14,6):2, 3, 4; (22,10,6):1, 2, 3, 4, 6, 7, 23; (25,24,2):1; (26,14,10):1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 18, 29, 30, 31; (30,22,18):3, 4, 5, 6, 7, 8, 9, 10, 11, 23, 50, 51, 52, 53; (30,26,18):2, 3, 4, 5; (32,22,20):1, 7, 8, 9, 10, 11, 12, 13, 14; (32,24,20):3, 4, 5, 6, 8, 9, 10, 11, 18, 19, 20; (33,32,18):1; (34,30,22):2, 3, 4, 6, 7; (35,26,24):1, 2, 4, 5, 10; (37,30,28):1; (37,36,26):1; (38,34,28):1, 2; (39,32,30):2; (40,34,32):1, 6, 7, 9; (41,36,34):1, 2; (41,40,34):1; (42,38,36):1, 2; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 (C2x(C3:C4)):C2	(11,3,2):5; (25,24,2):1; (33,32,18):1; (37,29,28):4; (37,36,26):1; (40,34,32):6, 9; (41,36,34):1; (41,40,34):1; (42,38,36):2; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 Q8xS3	(11,3,2):1; (25,24,2):1; (33,32,18):1; (37,29,28):1, 2; (37,36,26):1; (41,40,34):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 (C4xS3):C2	(11,3,2):1; (12,4,2):1, 2, 3, 4, 5; (13,4,2):1, 2, 5, 6; (16,8,4):7, 17, 18, 20, 23, 38, 39; (25,24,2):1; (32,24,20):7, 17; (33,32,18):1; (35,26,24):1, 2, 3, 4; (37,29,28):1, 3; (37,36,26):1; (40,34,32):2, 6; (41,36,34):1; (41,40,34):1; (42,38,36):2; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C2xC2x(C3:C4)	(14,10,2):2, 3; (16,8,4):4, 6, 21, 22; (18,10,6):16; (18,14,6):2, 3; (22,10,6):1, 7; (25,24,2):1; (26,14,10):9, 18; (30,22,18):9; (30,26,18):2, 3; (32,24,20):4, 6; (33,32,18):1; (34,30,22):2, 3; (37,36,26):1; (38,34,28):1; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C2x((C6xC2):C2)	(11,4,2):3, 4, 5; (14,10,2):2, 3, 4, 6, 8; (16,8,4):3, 4, 5, 6, 8, 9, 10, 11, 14, 21, 22, 24, 25, 27, 28, 31, 33, 40; (18,10,6):1, 5, 6, 7, 8, 13, 16, 17, 20, 21, 26, 29, 31, 32, 36, 41, 46, 49, 50, 77, 78, 79, 96, 97, 114, 115, 116, 130, 131, 132, 133, 134, 135, 136, 137, 138; (18,14,6):2, 3, 4; (22,10,6):1, 2, 6, 7, 24; (25,24,2):1; (26,14,10):1, 3, 6, 9, 10, 13, 14, 18, 32, 33, 34; (30,22,18):3, 4, 7, 9, 11, 12, 23, 28, 33, 34, 50, 51, 52, 54, 55, 56; (30,26,18):2, 3, 4, 5; (32,24,20):3, 4, 5, 6, 8, 9, 10, 11, 14, 18, 19, 20; (33,32,18):1; (34,30,22):2, 3, 4, 6; (37,30,28):1; (37,36,26):1; (38,34,28):1, 2; (39,32,30):2; (40,34,32):6, 7, 9; (41,36,34):1, 2; (41,40,34):1; (42,38,36):1, 2; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C12xC2xC2	(14,10,2):2, 3; (16,8,4):4, 6, 8, 9, 10, 21, 22, 26; (18,10,6):16; (18,14,6):2, 3; (22,10,6):1; (25,24,2):1; (26,14,10):9; (30,22,18):9; (30,26,18):2, 3; (32,24,20):4, 6, 8, 9, 10; (33,32,18):1; (34,30,22):2, 3; (37,36,26):1; (38,34,28):1; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C6xD8	(11,4,2):3, 4, 5; (14,10,2):2, 3, 4, 8; (16,8,4):4, 6, 11, 21, 22, 27, 28, 31, 33; (18,10,6):1, 5, 6, 7, 8, 13, 16, 17, 20, 21, 26, 29, 31, 32; (18,14,6):2, 3, 4; (22,10,6):1, 2; (25,24,2):1; (26,14,10):1, 3, 6, 9, 10; (30,22,18):3, 4, 7, 9, 11; (30,26,18):2, 3, 4, 5; (32,24,20):4, 6, 11, 20; (33,32,18):1; (34,30,22):2, 3, 4; (37,30,28):1; (37,36,26):1; (38,34,28):1, 2; (39,32,30):2; (40,34,32):6, 7; (41,36,34):1, 2; (41,40,34):1; (42,38,36):1, 2; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C6xQ8	(11,3,2):1; (16,8,4):7, 17, 18, 20, 23; (25,24,2):1; (32,24,20):7, 17; (33,32,18):1; (37,29,28):1, 2; (37,36,26):1; (41,40,34):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C3x((C4xC2):C2)	(12,4,2):1, 2, 3, 5; (13,4,2):1, 2, 6; (25,24,2):1; (33,32,18):1; (35,26,24):1, 2, 4; (37,29,28):3; (37,36,26):1; (40,34,32):6; (41,36,34):1; (41,40,34):1; (42,38,36):2; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C2xS4	(11,3,2):6; (11,4,2):6, 7; (12,4,2):19, 20, 21; (13,4,2):26; (14,10,2):2, 3, 4, 8; (15,6,4):19, 20; (16,6,4):19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37; (16,8,4):6, 9, 22, 41; (18,10,6):109, 110, 113, 139, 140; (18,14,6):2, 3, 4, 5; (22,10,2):5, 6, 10, 11; (22,10,6):1; (24,12,8):2, 3, 4, 5, 6, 7, 8, 9, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46; (25,24,2):1; (26,14,6):2, 3; (26,14,10):9; (30,22,18):45, 46, 49; (30,26,18):2, 3, 4, 5; (32,22,20):15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27; (32,24,20):4, 8; (33,32,18):1; (34,30,22):2, 3, 4, 8; (35,26,24):11; (36,28,26):3; (37,36,26):1; (38,34,28):1, 2; (39,32,30):2; (40,34,32):1, 6, 7, 9; (41,36,34):1, 2; (41,40,34):1; (42,38,36):1, 2; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C2xC2xA4	(13,4,3):1; (14,10,2):2, 3; (15,6,4):5, 6, 7, 8, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31; (16,6,4):6, 7, 8, 9, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50; (16,8,4):6, 22; (18,8,6):16, 17, 18, 19, 20, 21, 22; (18,10,6):109, 110, 111, 112, 139, 141, 142, 143, 144; (18,14,6):2, 3; (19,8,6):1, 2, 3; (21,10,8):26, 27, 28, 29, 30, 31, 32; (22,10,2):7, 8, 12; (22,10,6):1; (24,12,8):2, 3, 4, 5, 10, 11, 12, 13, 14, 15, 16, 17, 25, 28, 29, 47, 48, 49, 50, 51, 52, 53, 54; (25,24,2):1; (26,14,6):4, 5; (26,14,10):9; (27,16,14):26, 27, 28; (29,18,16):2, 3; (30,20,18):4; (30,22,18):45, 46, 47, 48, 57, 58, 59, 60; (30,26,18):2, 3; (32,22,20):28; (32,24,20):4; (33,24,22):8, 9; (33,32,18):1; (34,30,22):2, 3; (35,26,25):2; (37,36,26):1; (38,34,28):1; (39,32,30):1, 2; (40,34,32):5, 6, 7, 9; (41,36,34):1, 2; (41,40,34):1; (42,38,36):1, 2; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 (C2xC2xC2xC2):C3	(11,4,2):8, 9; (14,10,2):3; (15,6,4):6; (18,8,6):17, 20, 23; (18,10,6):80, 143, 144, 145; (18,14,6):3; (22,10,2):13, 14, 15; (24,12,8):5, 55, 56; (25,14,12):8; (26,14,6):4, 7; (26,14,10):9, 35; (29,18,16):3; (30,20,18):5, 6; (30,22,18):45, 57, 58, 59, 60; (30,26,18):3; (33,32,18):1; (34,30,22):3; (35,26,25):2; (37,36,26):1; (38,34,28):1; (41,40,34):1; (42,38,36):1; (43,40,38):1; (44,42,40):1; (45,44,42):1

Продолжение на следующей странице

Таблица 1 – Продолжение предыдущей страницы

Структурное описание	Список наборов параметров и номера неизоморфных графов для каждого из них
size=48 C2xC2xC2xS3	(14,10,2):2, 3, 6, 10; (16,8,4):3, 4, 5, 6, 8, 9, 10, 21, 22, 24, 25, 26, 42, 43, 44; (18,10,6):16, 41, 80, 81, 82, 83, 84, 85, 86, 93, 114, 115; (18,14,6):2, 3; (22,10,6):1, 6, 7; (25,24,2):1; (26,14,10):9, 13, 18, 20; (30,22,18):9, 23, 29, 30, 50, 51; (30,26,18):2, 3; (32,24,20):3, 4, 5, 6, 8, 9, 10, 18, 19; (33,32,18):1; (34,30,22):2, 3, 6; (37,36,26):1; (38,34,28):1; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=48 C6xC2xC2xC2	(14,10,2):2, 3; (16,8,4):4, 6, 21, 22; (18,10,6):16, 80; (18,14,6):2, 3; (22,10,6):1; (25,24,2):1; (26,14,10):9; (30,22,18):9; (30,26,18):2, 3; (32,24,20):4, 6; (33,32,18):1; (34,30,22):2, 3; (37,36,26):1; (38,34,28):1; (41,40,34):1; (42,38,36):1; (43,40,38):1; (43,42,38):1; (44,42,40):1; (45,44,42):1
size=50 D50	(41,40,32):1
size=50 C50	(41,40,32):1
size=50 C5xD10	(25,24,12):1; (41,40,32):1
size=50 (C5xC5):C2	(25,24,12):1; (41,40,32):1
size=50 C10xC5	(25,24,12):1; (41,40,32):1
size=52 C13:C4	(15,11,2):1; (27,26,2):1; (37,33,24):1; (49,48,46):1
size=52 C52	(15,11,2):1; (27,26,2):1; (37,33,24):1; (49,48,46):1
size=52 C13:C4	(15,11,2):1; (27,26,2):1; (37,33,24):1; (49,48,46):1
size=52 D52	(12,4,2):1, 2, 3, 4; (13,4,2):1, 2, 3, 4, 5, 6, 7, 8; (15,11,2):1; (27,26,2):1; (37,33,24):1; (39,30,28):1, 2, 3, 4; (49,48,46):1
size=52 C26xC2	(12,4,2):1, 2, 3, 4; (13,4,2):1, 2, 3, 4, 5, 6, 7, 8; (15,11,2):1; (27,26,2):1; (37,33,24):1; (39,30,28):1, 2, 3, 4; (49,48,46):1
size=54 D54	(37,36,20):1; (49,48,44):1
size=54 C54	(37,36,20):1; (49,48,44):1
size=54 C3xD18	(37,36,20):1; (49,48,44):1
size=54 C9xS3	(33,24,16):1, 2; (37,36,20):1; (42,33,32):1, 2; (49,48,44):1
size=54 (C3xC3):C3:C2	(21,12,4):1, 2; (33,24,16):1, 3; (37,36,20):1; (42,33,32):2, 3, 4, 5; (45,39,36):1, 2; (49,48,44):1
size=54 (C9:C3):C2	(21,12,4):1, 2; (29,16,12):1; (33,24,16):1, 3; (37,36,20):1; (42,33,32):2, 3, 4, 5; (45,39,36):1, 2; (49,48,44):1
size=54 (C3xC3):C3:C2	(21,12,4):1, 2; (33,24,16):1, 3; (37,36,20):1; (42,33,32):2, 3, 4, 5; (45,39,36):1, 2; (49,48,44):1
size=54 C18xC3	(37,36,20):1; (49,48,44):1
size=54 C2x((C3xC3):C3)	(21,12,4):1, 2; (24,12,9):1, 2; (27,15,12):1, 2; (33,24,16):1, 3; (37,36,20):1; (42,33,32):2, 3, 4, 5; (45,39,36):1, 2; (49,48,44):1
size=54 C2x(C9:C3)	(21,12,4):1, 2; (33,24,16):1, 3; (37,36,20):1; (42,33,32):2, 3, 4, 5; (45,39,36):1, 2; (49,48,44):1
size=54 C3xC3xS3	(29,16,12):1; (33,24,16):1; (37,36,20):1; (42,33,32):2; (49,48,44):1
size=54 C3x((C3xC3):C2)	(29,16,12):1; (33,24,16):1; (37,36,20):1; (42,33,32):2; (49,48,44):1
size=54 (C3xC3xC3):C2	(29,16,12):1; (33,24,16):1; (37,36,20):1; (42,33,32):2; (49,48,44):1
size=54 C6xC3xC3	(37,36,20):1; (49,48,44):1
size=55 C11:C5	(22,9,5):1
size=55 C55	
size=56 C7:C8	(29,28,2):1; (43,42,30):1; (49,48,42):1; (53,52,50):1
size=56 C56	(29,28,2):1; (43,42,30):1; (49,48,42):1; (53,52,50):1
size=56 C7:Q8	(29,28,2):1; (43,42,30):1; (49,48,42):1; (53,52,50):1
size=56 C4xD14	(16,12,2):1, 2, 3; (29,28,2):1; (40,36,26):1, 2, 3; (43,42,30):1; (49,44,42):1; (49,48,42):1; (50,46,44):1; (51,48,46):1; (52,50,48):1; (53,52,50):1
size=56 D56	(16,12,2):1, 2, 3; (29,28,2):1; (40,36,26):1, 2, 3; (43,42,30):1; (49,44,42):1; (49,48,42):1; (50,46,44):1; (51,48,46):1; (52,50,48):1; (53,52,50):1
size=56 C2x(C7:C4)	(16,12,2):1, 2; (29,28,2):1; (40,36,26):1, 2; (43,42,30):1; (49,48,42):1; (52,50,48):1; (53,52,50):1
size=56 (C14xC2):C2	(16,12,2):1, 2, 3; (29,28,2):1; (40,36,26):1, 2, 3; (43,42,30):1; (49,44,42):1; (49,48,42):1; (50,46,44):1; (51,48,46):1; (52,50,48):1; (53,52,50):1
size=56 C28xC2	(16,12,2):1, 2; (29,28,2):1; (40,36,26):1, 2; (43,42,30):1; (49,48,42):1; (52,50,48):1; (53,52,50):1
size=56 C7xD8	(16,12,2):1, 2; (29,28,2):1; (40,36,26):1, 2; (43,42,30):1; (49,48,42):1; (52,50,48):1; (53,52,50):1
size=56 C7xQ8	(29,28,2):1; (43,42,30):1; (49,48,42):1; (53,52,50):1
size=56 (C2xC2xC2):C7	(28,14,12):1, 2, 3, 4, 5; (46,38,36):1; (49,48,42):1; (52,50,48):1; (53,52,50):1
size=56 C2xC2xD14	(16,12,2):1, 2, 3, 4; (29,28,2):1; (40,36,26):1, 2, 3; (43,42,30):1; (49,44,42):1; (49,48,42):1; (50,46,44):1; (51,48,46):1; (52,50,48):1; (53,52,50):1
size=56 C14xC2xC2	(16,12,2):1, 2; (29,28,2):1; (40,36,26):1, 2; (43,42,30):1; (49,48,42):1; (52,50,48):1; (53,52,50):1
size=58 D58	(29,28,14):1
size=58 C58	(29,28,14):1

4.2. Для фиксированного графа.

Таблица 2: Список групп, из которых получается фиксированный Кэли-Деца граф

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(8,4,2,1) 1	C8; D8;	(8,5,4,2) 1	C8; C4xC2; D8; Q8; C2xC2xC2;
(9,4,2,1) 1	C9;	(10,5,4,2) 1	D10; C10;
(12,5,2,1) 1	C3:C4; C12; A4; D12; C6xC2;	(12,6,3,2) 1	A4;
(12,7,4,3) 1	C3:C4; C12; D12; C6xC2;	(12,7,6,2) 1	C3:C4; C12; D12; C6xC2;
(12,9,8,6) 1	C3:C4; C12; A4; D12; C6xC2;	(13,8,5,4) 1	C13;
(14,9,6,4) 1	D14;	(16,5,2,1) 1	QD16;
(16,7,4,2) 1	C4xC4; C8:C2; QD16; C2xD8;	(16,7,4,2) 2	C4xC4; (C4xC2):C2; C4:C4; C8:C2; QD16; C4xC2xC2; C2xD8; C2xC2xC2xC2;
(16,8,4,2) 1	(C4xC2):C2; C4:C4; C8xC2; D16; C2xD8;	(16,9,6,4) 1	C4xC4; (C4xC2):C2; C4:C4; C4xC2xC2; C2xD8; C2xC2xC2xC2;
(16,9,8,2) 1	C16; C4xC4; (C4xC2):C2; C4:C4; C8xC2; C8:C2; D16; QD16; Q16; C4xC2xC2; C2xD8; C2xQ8; (C4xC2):C2; C2xC2xC2xC2;	(16,11,8,6) 1	C4xC4; (C4xC2):C2; C4:C4; C8:C2; QD16; C4xC2xC2; C2xD8; C2xC2xC2xC2;
(16,12,10,8) 1	C4xC4; (C4xC2):C2; C4:C4; C8xC2; C8:C2; D16; QD16; C4xC2xC2; C2xD8; C2xQ8; (C4xC2):C2; C2xC2xC2xC2;	(16,13,12,10) 1	C16; C4xC4; (C4xC2):C2; C4:C4; C8xC2; C8:C2; D16; QD16; Q16; C4xC2xC2; C2xD8; C2xQ8; (C4xC2):C2; C2xC2xC2xC2;
(18,8,4,2) 1	D18;	(18,8,4,2) 2	C3xS3; (C3xC3):C2;
(18,9,6,4) 1	C3xS3; (C3xC3):C2;	(18,9,8,4) 1	C3xS3; (C3xC3):C2; C6xC3;
(18,13,12,8) 1	D18; C18; C3xS3; (C3xC3):C2; C6xC3;	(19,6,2,1) 1	C19;
(20,7,3,2) 1	C5:C4; C20; C5:C4; D20; C10xC2;	(20,7,6,2) 1	C5:C4;
(20,8,4,2) 1	C5:C4;	(20,10,6,4) 1	C5:C4;
(20,11,10,2) 1	C5:C4; C20; C5:C4; D20; C10xC2;	(20,13,9,8) 1	C5:C4; C20; C5:C4; D20; C10xC2;
(20,13,12,8) 1	C5:C4;	(20,17,16,14) 1	C5:C4; C20; C5:C4; D20; C10xC2;
(21,8,3,2) 1	C7:C3;	(21,8,4,2) 1	C7:C3;
(21,12,7,5) 1	C7:C3;	(21,12,7,6) 1	C7:C3;
(21,12,7,6) 2	C7:C3; C21;	(22,13,8,6) 1	D22;
(22,16,12,10) 1	D22;	(24,7,2,1) 1	(C6xC2):C2;
(24,8,4,2) 1	C4xS3; D24; C2x(C3:C4); (C6xC2):C2; C12xC2; C3xD8; S4; C2xA4; C2xC2xS3; C6xC2xC2;	(24,8,4,2) 2	C4xS3; D24; C2x(C3:C4); (C6xC2):C2; C12xC2; C3xD8; C2xC2xS3; C6xC2xC2;
(24,8,4,2) 3	C4xS3; D24; (C6xC2):C2; C2xC2xS3;	(24,8,4,2) 4	D24; C12xC2; C2xC2xS3;
(24,8,4,2) 5	S4;	(24,8,4,2) 6	S4;
(24,8,4,2) 7	S4;	(24,8,4,2) 8	C2xA4;
(24,8,4,2) 9	C2xA4;	(24,8,4,2) 10	C2xA4;
(24,8,4,2) 11	C2xC2xS3;	(24,9,4,2) 1	D24; (C6xC2):C2; C3xD8;
(24,9,4,2) 2	D24; (C6xC2):C2; C3xD8;	(24,9,4,2) 3	D24; (C6xC2):C2; C3xD8;
(24,9,4,2) 4	(C6xC2):C2;	(24,9,4,2) 5	(C6xC2):C2; S4; C2xA4;
(24,9,4,2) 6	C2xA4;	(24,9,4,2) 7	C2xA4;
(24,10,4,2) 1	S4;	(24,10,4,2) 2	S4;
(24,10,4,2) 3	S4;	(24,10,4,3) 1	S4;
(24,11,6,4) 1	D24; (C6xC2):C2; C3xD8;	(24,11,6,4) 2	D24; (C6xC2):C2; C3xD8;
(24,11,6,4) 3	(C6xC2):C2;	(24,11,6,4) 4	S4;
(24,11,6,4) 5	S4;	(24,11,6,4) 6	S4;
(24,11,6,4) 7	S4;	(24,11,6,4) 8	S4;
(24,11,6,4) 9	S4;	(24,11,6,4) 10	C2xA4;
(24,13,8,6) 1	S4;	(24,13,8,6) 2	S4;
(24,13,8,6) 3	C2xA4;	(24,13,12,2) 1	C3:C8; C24; C3:Q8; C4xS3; D24; C2x(C3:C4); (C6xC2):C2; C12xC2; C3xD8; C3xQ8; S4; C2xA4; C2xC2xS3; C6xC2xC2;
(24,14,8,6) 1	S4;	(24,14,8,7) 1	S4;
(24,15,10,8) 1	D24; (C6xC2):C2; C3xD8; S4; C2xA4;	(24,15,10,8) 2	S4;
(24,15,10,8) 3	S4;	(24,15,10,8) 4	S4;
(24,15,10,8) 5	C2xA4;	(24,15,10,8) 6	C2xA4;
(24,16,12,10) 1	C4xS3; D24; C2x(C3:C4); (C6xC2):C2; C12xC2; C3xD8; S4; C2xA4; C2xC2xS3; C6xC2xC2;	(24,16,12,10) 2	C4xS3; D24; C2x(C3:C4); (C6xC2):C2; C12xC2; C3xD8; C2xC2xS3; C6xC2xC2;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(24,16,12,10) 3	C4xS3; D24; (C6xC2):C2; C2xC2xS3;	(24,16,12,10) 4	D24; C12xC2; C2xC2xS3;
(24,16,12,10) 5	S4;	(24,16,12,10) 6	S4;
(24,16,12,10) 7	C2xA4;	(24,16,12,10) 8	C2xA4;
(24,16,12,10) 9	C2xA4;	(24,17,12,10) 1	D24; (C6xC2):C2; C3xD8; S4; C2xA4;
(24,17,16,10) 1	C3:C8; C24; SL(2,3); C3:Q8; C4xS3; D24; C2x(C3:C4); (C6xC2):C2; C12xC2; C3xD8; C3xQ8; S4; C2xA4; C2xC2xS3; C6xC2xC2;	(24,18,14,12) 1	D24; (C6xC2):C2; C3xD8; S4; C2xA4;
(24,19,18,14) 1	C3:C8; C24; SL(2,3); C3:Q8; C4xS3; D24; C2x(C3:C4); (C6xC2):C2; C12xC2; C3xD8; C3xQ8; S4; C2xA4; C2xC2xS3; C6xC2xC2;	(24,20,18,16) 1	C4xS3; D24; C2x(C3:C4); (C6xC2):C2; C12xC2; C3xD8; S4; C2xA4; C2xC2xS3; C6xC2xC2;
(24,21,20,18) 1	C3:C8; C24; SL(2,3); C3:Q8; C4xS3; D24; C2x(C3:C4); (C6xC2):C2; C12xC2; C3xD8; C3xQ8; S4; C2xA4; C2xC2xS3; C6xC2xC2;	(26,13,12,6) 1	D26; C26;
(27,18,12,9) 1	(C3xC3):C3; C9:C3;	(27,18,12,9) 2	(C3xC3):C3; C9:C3;
(28,9,5,2) 1	C7:C4; C28; D28; C14xC2;	(28,10,4,2) 1	D28; C14xC2;
(28,10,4,2) 2	D28; C14xC2;	(28,10,4,2) 3	D28; C14xC2;
(28,10,4,2) 4	D28; C14xC2;	(28,12,6,4) 1	D28; C14xC2;
(28,12,6,4) 2	D28; C14xC2;	(28,12,6,4) 3	D28; C14xC2;
(28,12,6,4) 4	D28; C14xC2;	(28,15,14,2) 1	C7:C4; C28; D28; C14xC2;
(28,18,12,10) 1	D28; C14xC2;	(28,18,12,10) 2	D28; C14xC2;
(28,18,12,10) 3	D28; C14xC2;	(28,18,12,10) 4	D28; C14xC2;
(28,19,15,12) 1	C7:C4; C28; D28; C14xC2;	(28,22,18,16) 1	D28;
(28,23,20,18) 1	D28;	(28,25,24,22) 1	C7:C4; C28; D28; C14xC2;
(30,13,6,4) 1	D30;	(30,21,20,12) 1	C5xS3; C3xD10; D30; C30;
(30,25,24,20) 1	C5xS3; C3xD10; D30; C30;	(32,10,4,2) 1	C8xC4; C8:C4; (C8xC2):C2; ((C4xC2):C2):C2; C2.((C4xC2):C2)= (C2xC2).(C4xC2); (C8xC2):C2; Q8:C4; (C4xC4):C2; C4:C8; C8:C4; C8:C4; C16:C2; QD32; (C4xC4):C2; C4xD8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2; (C2xC2).(C2xC2xC2); (C4xC4):C2; (C4xC4):C2; C8xC2xC2; C2x(C8:C2); C2xD16; C2xQD16; (C2xD8):C2; C2xC2xD8;
(32,10,4,2) 2	C8xC4; C8:C4; (C8xC2):C2; ((C4xC2):C2):C2; C2.((C4xC2):C2)= (C2xC2).(C4xC2); (C8xC2):C2; Q8:C4; (C4xC4):C2; C4:C8; C8:C4; C8:C4; C16:C2; QD32; (C4xC4):C2; C4xD8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2; (C2xC2).(C2xC2xC2); (C4xC4):C2; (C4xC4):C2; C8xC2xC2; C2x(C8:C2); C2xD16; C2xQD16; (C2xD8):C2; C2xC2xD8;	(32,10,4,2) 3	(C8xC2):C2; C8:C4; C16xC2; D32; C2xD16;
(32,10,4,2) 4	(C8xC2):C2; C8:C4; C16xC2; D32; C2xD16;	(32,10,4,2) 5	(C8xC2):C2; C8:C4; C16xC2; QD32; C2xD16;
(32,10,4,2) 6	(C8xC2):C2; C8:C4; C16xC2; D32; C2xD16;	(32,10,4,2) 7	C16xC2; C16:C2; D32; QD32; C2xD16; C2xQD16; C2xQ16; (C8xC2):C2;
(32,10,4,2) 8	QD32;	(32,10,4,2) 9	C2x((C4xC2):C2); (C4xC4):C2; C4xD8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C2xQ8):C2; (C4xC2xC2):C2; (C4xC4):C2; (C2xC2).(C2xC2xC2); (C4xC4):C2;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(32,10,4,2) 10	$C2x((C4xC2):C2); C4xD8;$ $(C2xC2xC2xC2):C2; (C2xQ8):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$ $(C4xC4):C2;$	(32,10,4,2) 11	$(C4xC4):C2; C4xD8;$ $(C4xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C2xC2); (C2xC2xC2);$
(32,10,4,2) 12	$(C4xC4):C2; C4xD8;$ $(C4xC2xC2):C2; (C4xC2xC2):C2;$ $(C2xC2); (C2xC2xC2);$ $(C4xC4):C2;$	(32,10,4,2) 13	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$
(32,10,4,2) 14	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC2xC2):C2;$ $(C4xC4):C2;$	(32,10,4,2) 15	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$
(32,10,4,2) 16	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC2xC2):C2;$ $(C4xC4):C2;$	(32,10,4,2) 17	$(C4xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$ $(C4xC4):C2;$
(32,10,6,2) 1	$(C4xC2):C4; C8xC4; C8:C4;$ $(C8xC2):C2; ((C4xC2):C2):C2;$ $(C8:C2):C2; (C8xC2):C2;$ $Q8:C4; (C4xC4):C2; C4:C8;$ $C8:C4; C8:C4; C4xC4xC2;$ $C2x((C4xC2):C2); C2x(C4:C4);$ $(C4xC4):C2; C4xD8;$ $C4xQ8; (C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2; (C2xQ8):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$ $(C4xC4):C2; C4:Q8; C8xC2xC2;$ $C2x(C8:C2); C2xD16; C2xQD16;$ $(C2xD8):C2; C4xC2xC2xC2;$ $C2xC2xD8; C2xC2xQ8;$ $C2x((C4xC2):C2); (C2xD8):C2;$ $C2xC2xC2xC2xC2;$	(32,10,6,2) 2	$(C4xC2):C4; C8xC4;$ $C8:C4; (C8xC2):C2;$ $((C4xC2):C2):C2;$ $(C8:C2):C2; (C8xC2):C2;$ $Q8:C4; (C4xC4):C2; C4:C8;$ $C8:C4; C8:C4; C4xC4xC2;$ $C2x((C4xC2):C2);$ $C2x(C4:C4); (C4xC4):C2;$ $C4xD8; C4xQ8;$ $(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2; (C2xQ8):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$ $(C4xC4):C2; C4:Q8;$ $C8xC2xC2; C2x(C8:C2);$ $C2xD16; C2xQD16;$ $(C2xD8):C2; C4xC2xC2xC2;$ $C2xC2xD8; C2xC2xQ8;$ $C2x((C4xC2):C2);$ $(C2xD8):C2;$ $C2xC2xC2xC2xC2;$
(32,10,6,2) 3	$((C4xC2):C2):C2;$ $C2x((C4xC2):C2); (C4xC4):C2;$ $C4xD8; (C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2; (C2xQ8):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$ $(C4xC4):C2; C2xC2xD8;$ $C2x((C4xC2):C2); (C2xD8):C2;$	(32,10,6,2) 4	$(C8xC2):C2; C2xD16;$
(32,10,6,2) 5	$C2xD16;$	(32,10,6,2) 6	$C2xQD16; (C8xC2):C2;$ $(C2xD8):C2; (C2xQ8):C2;$
(32,10,6,2) 7	$C2xC2xD8; C2x((C4xC2):C2);$ $(C2xD8):C2;$	(32,11,4,3) 1	$C4.D8 = C4.(C4xC2); C16:C2;$
(32,12,6,4) 1	$QD32;$	(32,12,6,4) 2	$QD32;$
(32,12,6,4) 3	$(C2xC2xC2xC2):C2;$	(32,12,6,4) 4	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$
(32,12,6,4) 5	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC2xC2):C2;$ $(C4xC4):C2;$	(32,12,6,4) 6	$(C4xC2xC2):C2;$
(32,12,6,4) 7	$(C4xC4):C2;$	(32,12,6,4) 8	$(C4xC4):C2;$
(32,12,8,4) 1	$C8xC4; C8:C4; (C8xC2):C2;$ $((C4xC2):C2):C2;$ $C2.((C4xC2):C2) =$ $(C2xC2).(C4xC2); (C8xC2):C2;$ $Q8:C4; (C4xC4):C2;$ $C4:C8; C8:C4; C8:C4;$ $C16:C2; QD32; (C4xC4):C2;$ $C4xD8; (C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$ $(C2xC2).(C2xC2xC2);$ $(C4xC4):C2; (C4xC4):C2;$ $C8xC2xC2; C2x(C8:C2);$ $C2xD16; C2xQD16; (C2xD8):C2;$ $C2xC2xD8;$	(32,12,8,4) 2	$C8xC4; C8:C4; (C8xC2):C2;$ $((C4xC2):C2):C2;$ $C2.((C4xC2):C2) =$ $(C2xC2).(C4xC2);$ $(C8xC2):C2; Q8:C4;$ $(C4xC4):C2; C4:C8;$ $C8:C4; C8:C4; (C4xC4):C2;$ $C4xD8; (C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$ $(C2xC2).(C2xC2xC2);$ $(C4xC4):C2; (C4xC4):C2;$ $C8xC2xC2; C2x(C8:C2);$ $C2xD16; C2xQD16;$ $(C2xD8):C2; C2xC2xD8;$

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(32,12,8,4) 3	$C8xC4; C8:C4; (C8xC2):C2;$ $((C4xC2):C2):C2;$ $C2.((C4xC2):C2)=$ $(C2xC2).(C4xC2); (C8xC2):C2;$ $Q8:C4; (C4xC4):C2; C4:C8;$ $C8:C4; C8:C4; (C4xC4):C2;$ $C4xD8; (C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$ $(C2xC2).(C2xC2xC2);$ $(C4xC4):C2; (C4xC4):C2;$ $C8xC2xC2; C2x(C8:C2);$ $C2xD16; C2xQD16; (C2xD8):C2;$ $C2xC2xD8;$	(32,12,8,4) 4	$(C8xC2):C2;$ $((C4xC2):C2):C2;$ $C2.((C4xC2):C2)=$ $(C2xC2).(C4xC2);$ $(C8xC2):C2; Q8:C4;$ $(C4xC4):C2; (C4xC4):C2;$ $(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$ $C8xC2xC2; C2x(C8:C2);$ $C2xD16; C2xQD16;$ $(C2xD8):C2; C2xC2xD8;$
(32,12,8,4) 5	$(C8xC2):C2; C8:C4; C16:C2;$ $QD32; C2xD16;$	(32,12,8,4) 6	$(C8xC2):C2; C8:C4; C16:C2;$ $QD32; C2xD16;$
(32,12,8,4) 7	$QD32;$	(32,12,8,4) 8	$QD32;$
(32,12,8,4) 9	$QD32;$	(32,12,8,4) 10	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$
(32,13,6,4) 1	$QD32;$	(32,13,6,4) 2	$QD32;$
(32,13,6,4) 3	$(C2xC2xC2xC2):C2;$	(32,13,6,4) 4	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$
(32,13,6,4) 5	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC2xC2):C2;$ $(C4xC4):C2;$	(32,13,6,4) 6	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$
(32,13,6,4) 7	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC2xC2):C2;$ $(C4xC4):C2;$	(32,13,6,4) 8	$(C4xC2xC2):C2;$
(32,13,6,4) 9	$(C4xC2xC2):C2;$	(32,13,6,4) 10	$(C4xC2xC2):C2;$
(32,13,6,4) 11	$(C4xC4):C2;$	(32,13,6,4) 12	$(C4xC4):C2;$
(32,13,6,4) 13	$(C4xC4):C2;$	(32,13,6,4) 14	$(C4xC4):C2;$
(32,14,6,2) 1	$C8:C4; (C8xC2):C2;$ $(C2xC2).(C2xC2xC2);$	(32,14,6,2) 2	$C8:C4; ((C4xC2):C2):C2;$ $(C8xC2):C2;$ $(C2xC2).(C2xC2xC2);$
(32,14,6,2) 3	$((C4xC2):C2):C2;$	(32,14,6,4) 1	$(C4xC4):C2;$
(32,14,6,4) 2	$(C4xC4):C2;$	(32,15,7,6) 1	$(C4xC4):C2;$
(32,15,7,6) 2	$(C4xC4):C2;$	(32,15,8,6) 1	$QD32;$
(32,15,8,6) 2	$QD32;$	(32,15,8,6) 3	$(C2xC2xC2xC2):C2;$
(32,15,8,6) 4	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC2xC2):C2;$ $(C4xC4):C2;$	(32,15,8,6) 5	$(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$
(32,15,8,6) 6	$(C4xC2xC2):C2;$	(32,15,8,6) 7	$(C4xC4):C2;$
(32,15,8,6) 8	$(C4xC4):C2;$	(32,16,8,4) 1	$C8xC4; C8:C4; (C8xC2):C2;$ $((C4xC2):C2):C2;$ $C2.((C4xC2):C2)=$ $(C2xC2).(C4xC2);$ $(C8xC2):C2; Q8:C4;$ $(C4xC4):C2; C4:C8;$ $C8:C4; C8:C4; (C4xC4):C2;$ $C4xD8; (C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$ $(C2xC2).(C2xC2xC2);$ $(C4xC4):C2; (C4xC4):C2;$ $C8xC2xC2; C2x(C8:C2);$ $C2xD16; C2xQD16;$ $(C2xD8):C2; C2xC2xD8;$
(32,16,8,4) 2	$C8xC4; C8:C4; (C8xC2):C2;$ $((C4xC2):C2):C2;$ $C2.((C4xC2):C2)=$ $(C2xC2).(C4xC2); (C8xC2):C2;$ $Q8:C4; (C4xC4):C2; C4:C8;$ $C8:C4; C8:C4; (C4xC4):C2;$ $C4xD8; (C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$ $(C2xC2).(C2xC2xC2);$ $(C4xC4):C2; (C4xC4):C2;$ $C8xC2xC2; C2x(C8:C2);$ $C2xD16; C2xQD16;$ $C2xC2xD8;$	(32,16,8,4) 3	$(C8xC2):C2;$ $((C4xC2):C2):C2;$ $C2.((C4xC2):C2)=$ $(C2xC2).(C4xC2);$ $(C8xC2):C2; Q8:C4;$ $(C4xC4):C2; (C4xC4):C2;$ $(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2; (C4xC4):C2;$ $C8xC2xC2; C2x(C8:C2);$ $C2xD16; C2xQD16;$ $(C2xD8):C2; C2xC2xD8;$

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(32,16,8,4) 4	(C8xC2):C2; ((C4xC2):C2):C2; C2.((C4xC2):C2)= (C2xC2).(C4xC2); (C8xC2):C2; Q8:C4; (C4xC4):C2; (C4xC4):C2; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2; C8xC2xC2; C2x(C8:C2); C2xD16; C2xQD16; (C2xD8):C2; C2xC2xD8;	(32,16,8,4) 5	(C8xC2):C2; ((C4xC2):C2):C2; C2.((C4xC2):C2)= (C2xC2).(C4xC2); (C8xC2):C2; Q8:C4; (C4xC4):C2; (C4xC4):C2; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2; C8xC2xC2; C2x(C8:C2); C2xD16; C2xQD16; (C2xD8):C2; C2xC2xD8;
(32,16,8,4) 6	(C8xC2):C2; C8:C4; C16:C2; QD32; C2xD16;	(32,16,8,4) 7	(C8xC2):C2; C8:C4; C16:C2; QD32; C2xD16;
(32,16,8,4) 8	QD32;	(32,16,8,4) 9	QD32;
(32,16,8,4) 10	QD32;	(32,16,8,4) 11	QD32;
(32,16,8,4) 12	(C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2;	(32,16,8,4) 13	(C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2;
(32,16,8,6) 1	QD32;	(32,16,8,6) 2	QD32;
(32,16,8,6) 3	(C2xC2xC2xC2):C2;	(32,16,8,6) 4	(C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2;
(32,16,8,6) 5	(C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2;	(32,16,8,6) 6	(C4xC2xC2):C2;
(32,16,8,6) 7	(C4xC4):C2;	(32,16,8,6) 8	(C4xC4):C2;
(32,17,10,8) 1	QD32;	(32,17,10,8) 2	QD32;
(32,17,10,8) 3	(C2xC2xC2xC2):C2;	(32,17,10,8) 4	(C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2;
(32,17,10,8) 5	(C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2;	(32,17,10,8) 6	(C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2;
(32,17,10,8) 7	(C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2;	(32,17,10,8) 8	(C4xC2xC2):C2;
(32,17,10,8) 9	(C4xC2xC2):C2;	(32,17,10,8) 10	(C4xC2xC2):C2;
(32,17,10,8) 11	(C4xC4):C2;	(32,17,10,8) 12	(C4xC4):C2;
(32,17,10,8) 13	(C4xC4):C2;	(32,17,10,8) 14	(C4xC4):C2;
(32,17,16,2) 1	C32; (C4xC2):C4; C8xC4; C8:C4; (C8xC2):C2; ((C4xC2):C2):C2; (C8:C2):C2; C2.((C4xC2):C2)= (C2xC2).(C4xC2); (C8xC2):C2; Q8:C4; (C4xC4):C2; C4:C8; C8:C4; C8:C4; C4.D8= C4.(C4xC2); C16xC2; C16:C2; D32; QD32; Q32; C4xC4xC2; C2x((C4xC2):C2); C2x(C4:C4); (C4xC4):C2; C4xD8; C4xQ8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C2xQ8):C2; (C4xC2xC2):C2; (C4xC4):C2; (C2xC2).(C2xC2xC2); (C4xC4):C2; (C4xC4):C2; C4:Q8; C8xC2xC2; C2x(C8:C2); (C8xC2):C2; C2xD16; C2xQD16; C2xQ16; (C8xC2):C2; (C2xD8):C2; (C2xQ8):C2; C4xC2xC2xC2; C2xC2xD8; C2xC2xQ8; C2x((C4xC2):C2); (C2xD8):C2; (C2xQ8):C2; C2xC2xC2xC2xC2;	(32,18,10,6) 1	C8:C4; ((C4xC2):C2):C2; (C8xC2):C2; (C2xC2).(C2xC2xC2);
(32,19,12,10) 1	QD32;	(32,19,12,10) 2	QD32;
(32,19,12,10) 3	(C2xC2xC2xC2):C2;	(32,19,12,10) 4	(C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2;
(32,19,12,10) 5	(C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2;	(32,19,12,10) 6	(C4xC2xC2):C2;
(32,19,12,10) 7	(C4xC4):C2;	(32,19,12,10) 8	(C4xC4):C2;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(32,20,16,12) 1	$C8xC4$; $C8:C4$; $(C8xC2):C2$; $((C4xC2):C2):C2$; $C2.((C4xC2):C2)=$ $(C2xC2).(C4xC2)$; $(C8xC2):C2$; $Q8:C4$; $(C4xC4):C2$; $C4:C8$; $C8:C4$; $C8:C4$; $(C4xC4):C2$; $C4xD8$; $(C2xC2xC2xC2):C2$; $(C4xC2xC2):C2$; $(C4xC4):C2$; $(C4xC2xC2):C2$; $(C4xC4):C2$; $(C2xC2).(C2xC2xC2)$; $(C4xC4):C2$; $(C4xC4):C2$; $C8xC2xC2$; $C2x(C8:C2)$; $C2xD16$; $C2xQD16$; $(C2xD8):C2$; $C2xC2xD8$;	(32,20,16,12) 2	$C8xC4$; $C8:C4$; $(C8xC2):C2$; $((C4xC2):C2):C2$; $C2.((C4xC2):C2)=$ $(C2xC2).(C4xC2)$; $(C8xC2):C2$; $Q8:C4$; $(C4xC4):C2$; $C4:C8$; $C8:C4$; $C8:C4$; $C16:C2$; $QD32$; $(C4xC4):C2$; $C4xD8$; $(C2xC2xC2xC2):C2$; $(C4xC2xC2):C2$; $(C4xC2xC2):C2$; $(C4xC4):C2$; $(C2xC2).(C2xC2xC2)$; $(C4xC4):C2$; $(C4xC4):C2$; $C8xC2xC2$; $C2x(C8:C2)$; $C2xD16$; $C2xQD16$; $(C2xD8):C2$; $C2xC2xD8$;
(32,20,16,12) 3	$(C8xC2):C2$; $C8:C4$; $C16:C2$; $QD32$; $C2xD16$;	(32,20,16,12) 4	$QD32$;
(32,20,16,12) 5	$(C2xC2xC2xC2):C2$; $(C4xC2xC2):C2$; $(C4xC2xC2):C2$; $(C4xC4):C2$;	(32,22,16,14) 1	$C8xC4$; $C8:C4$; $(C8xC2):C2$; $((C4xC2):C2):C2$; $C2.((C4xC2):C2)=$ $(C2xC2).(C4xC2)$; $(C8xC2):C2$; $Q8:C4$; $(C4xC4):C2$; $C4:C8$; $C8:C4$; $C8:C4$; $C16:C2$; $QD32$; $(C4xC4):C2$; $C4xD8$; $(C2xC2xC2xC2):C2$; $(C4xC2xC2):C2$; $(C4xC2xC2):C2$; $(C4xC4):C2$; $(C2xC2).(C2xC2xC2)$; $(C4xC4):C2$; $(C4xC4):C2$; $C8xC2xC2$; $C2x(C8:C2)$; $C2xD16$; $C2xQD16$; $(C2xD8):C2$; $C2xC2xD8$;
(32,22,16,14) 2	$(C8xC2):C2$; $C8:C4$; $C16xC2$; $D32$; $C2xD16$;	(32,22,16,14) 3	$C16xC2$; $C16:C2$; $D32$; $QD32$; $C2xD16$; $C2xQD16$; $C2xQ16$; $(C8xC2):C2$;
(32,22,16,14) 4	$C2x((C4xC2):C2)$; $(C4xC4):C2$; $C4xD8$; $(C2xC2xC2xC2):C2$; $(C4xC2xC2):C2$; $(C2xQ8):C2$; $(C4xC2xC2):C2$; $(C4xC4):C2$; $(C2xC2).(C2xC2xC2)$; $(C4xC4):C2$;	(32,22,18,12) 1	$(C4xC2):C4$; $C8xC4$; $C8:C4$; $(C8xC2):C2$; $((C4xC2):C2):C2$; $(C8:C2):C2$; $C2.((C4xC2):C2)=$ $(C2xC2).(C4xC2)$; $(C8xC2):C2$; $Q8:C4$; $(C4xC4):C2$; $C4:C8$; $C8:C4$; $C8:C4$; $C4.D8=$ $C4.(C4xC2)$; $C4xC4xC2$; $C2x((C4xC2):C2)$; $C2x(C4xC4)$; $(C4xC4):C2$; $C4xD8$; $C4xQ8$; $(C2xC2xC2xC2):C2$; $(C4xC2xC2):C2$; $(C2xQ8):C2$; $(C4xC2xC2):C2$; $(C4xC4):C2$; $(C2xC2).(C2xC2xC2)$; $(C4xC4):C2$; $(C4xC4):C2$; $C4:Q8$; $C8xC2xC2$; $C2x(C8:C2)$; $(C8xC2):C2$; $C2xD16$; $C2xQD16$; $(C8xC2):C2$; $(C2xD8):C2$; $(C2xQ8):C2$; $C4xC2xC2xC2$; $C2xC2xD8$; $C2xC2xQ8$; $C2x((C4xC2):C2)$; $(C2xD8):C2$; $C2xC2xC2xC2xC2$;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(32,22,18,12) 2	C8xC4; C8:C4; ((C4xC2):C2):C2; (C8:C2):C2; C2.((C4xC2):C2)= (C2xC2).(C4xC2); (C8xC2):C2; (C4xC4):C2; C4:C8; C4.D8= C4.(C4xC2); C4xC4xC2; (C4xC4):C2; C4xD8; C4xQ8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2; (C4xC2xC2):C2; (C4xC4):C2; (C2xC2).(C2xC2xC2); (C4xC4):C2; (C4xC4):C2; C4:Q8; C2x(C8:C2); (C8xC2):C2; C2xD16; C2xQD16; (C8xC2):C2; (C2xD8):C2; (C2xQ8):C2; C2xC2xD8; C2x((C4xC2):C2); (C2xD8):C2;	(32,22,18,14) 1	(C4xC2):C4; C8xC4; C8:C4; (C8xC2):C2; ((C4xC2):C2):C2; (C8xC2):C2; (C8xC2):C2; Q8:C4; (C4xC4):C2; C4:C8; C8:C4; C8:C4; C4xC4xC2; C2x((C4xC2):C2); C2x(C4:C4); (C4xC4):C2; C4xD8; C4xQ8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C2xQ8):C2; (C4xC2xC2):C2; (C4xC4):C2; (C4xC4):C2; C4:Q8; C8xC2xC2; C2x(C8:C2); C2xD16; C2xQD16; (C2xD8):C2; C4xC2xC2xC2; C2xC2xD8; C2xC2xQ8; C2x((C4xC2):C2); (C2xD8):C2; C2xC2xC2xC2xC2;
(32,22,18,14) 2	(C4xC2):C4; C8xC4; C8:C4; (C8xC2):C2; ((C4xC2):C2):C2; (C8:C2):C2; (C8xC2):C2; Q8:C4; (C4xC4):C2; C4:C8; C8:C4; C8:C4; C4xC4xC2; C2x((C4xC2):C2); C2x(C4:C4); (C4xC4):C2; C4xD8; C4xQ8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C2xQ8):C2; (C4xC2xC2):C2; (C4xC4):C2; (C4xC4):C2; C4:Q8; C8xC2xC2; C2x(C8:C2); C2xD16; C2xQD16; (C2xD8):C2; C4xC2xC2xC2; C2xC2xD8; C2xC2xQ8; C2x((C4xC2):C2); (C2xD8):C2; C2xC2xC2xC2xC2;	(32,22,18,14) 3	((C4xC2):C2):C2; C2x((C4xC2):C2); (C4xC4):C2; C4xD8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C2xQ8):C2; (C4xC2xC2):C2; (C4xC4):C2; (C4xC4):C2; C2xC2xD8; C2x((C4xC2):C2); (C2xD8):C2;
(32,22,18,14) 4	(C8xC2):C2; C2xD16;	(32,22,18,14) 5	C2xQD16; (C8xC2):C2; (C2xD8):C2; (C2xQ8):C2;
(32,25,20,18) 1	((C4xC2):C2):C2; (C8:C2):C2; C2.((C4xC2):C2)= (C2xC2).(C4xC2); (C4xC4):C2; C4xC4xC2; C2x((C4xC2):C2); C2x(C4:C4); (C4xC4):C2; C4xD8; C4xQ8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C2xQ8):C2; (C4xC2xC2):C2; (C4xC4):C2; (C2xC2).(C2xC2xC2); (C4xC4):C2; (C4xC4):C2; C4:Q8; C2x(C8:C2); (C8xC2):C2; C2xD16; C2xQD16; (C8xC2):C2; (C2xD8):C2; (C2xQ8):C2; C4xC2xC2xC2; C2xC2xD8; C2x((C4xC2):C2); (C2xD8):C2; C2xC2xC2xC2xC2;	(32,25,20,18) 2	((C4xC2):C2):C2; (C8:C2):C2; (C4xC4):C2; C4xC4xC2; C2x((C4xC2):C2); C2x(C4:C4); C4xD8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C4xC4):C2; C2x(C8:C2); C2xQD16; (C2xD8):C2; C4xC2xC2xC2; C2xC2xD8; C2xC2xC2xC2xC2;
(32,25,20,18) 3	(C8xC2):C2; C2xD16;	(32,25,20,18) 4	C2xQD16; (C8xC2):C2; (C2xD8):C2; (C2xQ8):C2;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(32,25,20,19) 1	$C2.(C4xC2):C2=$ $(C2xC2).(C4xC2);$ $(C4xC4):C2;$ $(C2xQ8):C2;$	(32,25,24,18) 1	$C32;$ $(C4xC2):C4;$ $C8xC4;$ $C8:C4;$ $(C8xC2):C2;$ $((C4xC2):C2):C2;$ $(C8:C2):C2;$ $C2.(C4xC2):C2=$ $(C2xC2).(C4xC2);$ $(C8xC2):C2;$ $Q8:C4;$ $(C4xC4):C2;$ $C4:C8;$ $C8:C4;$ $C8:C4;$ $C4.D8= C4.(C4xC2);$ $C16xC2;$ $C16:C2;$ $D32;$ $QD32;$ $Q32;$ $C4xC4xC2;$ $C2x((C4xC2):C2);$ $C2x(C4:C4);$ $(C4xC4):C2;$ $C4xD8;$ $C4xQ8;$ $(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C2xQ8):C2;$ $(C4xC2xC2):C2;$ $(C4xC4):C2;$ $(C2xC2).(C2xC2xC2);$ $(C4xC4):C2;$ $(C4xC4):C2;$ $C4:Q8;$ $C8xC2xC2;$ $C2x(C8:C2);$ $(C8xC2):C2;$ $C2xD16;$ $C2xQD16;$ $C2xQ16;$ $(C8xC2):C2;$ $(C2xD8):C2;$ $(C2xQ8):C2;$ $C4xC2xC2xC2;$ $C2xC2xD8;$ $C2xC2xQ8;$ $C2x((C4xC2):C2);$ $(C2xD8):C2;$ $(C2xQ8):C2;$ $C2xC2xC2xC2xC2;$
(32,26,22,20) 1	$(C4xC2):C4;$ $C8xC4;$ $C8:C4;$ $(C8xC2):C2;$ $((C4xC2):C2):C2;$ $(C8:C2):C2;$ $C2.(C4xC2):C2=$ $(C2xC2).(C4xC2);$ $(C8xC2):C2;$ $Q8:C4;$ $(C4xC4):C2;$ $C4:C8;$ $C8:C4;$ $C8:C4;$ $C4.D8=$ $C4.(C4xC2);$ $C4xC4xC2;$ $C2x((C4xC2):C2);$ $C2x(C4:C4);$ $(C4xC4):C2;$ $C4xD8;$ $C4xQ8;$ $(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C2xQ8):C2;$ $(C4xC2xC2):C2;$ $(C4xC4):C2;$ $(C2xC2).(C2xC2xC2);$ $(C4xC4):C2;$ $(C4xC4):C2;$ $C4:Q8;$ $C8xC2xC2;$ $C2x(C8:C2);$ $(C8xC2):C2;$ $C2xD16;$ $C2xQD16;$ $(C8xC2):C2;$ $(C2xD8):C2;$ $(C2xQ8):C2;$ $C4xC2xC2xC2;$ $C2xC2xD8;$ $C2xC2xQ8;$ $C2x((C4xC2):C2);$ $(C2xD8):C2;$ $C2xC2xC2xC2xC2;$	(32,26,22,20) 2	$((C4xC2):C2):C2;$ $(C8:C2):C2;$ $(C4xC4):C2;$ $C4xC4xC2;$ $C2x((C4xC2):C2);$ $C2x(C4:C4);$ $C4xD8;$ $(C2xC2xC2xC2):C2;$ $(C4xC2xC2):C2;$ $(C4xC4):C2;$ $C2x(C8:C2);$ $C2xQD16;$ $(C2xD8):C2;$ $C4xC2xC2xC2;$ $C2xC2xD8;$ $C2xC2xC2xC2xC2;$

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(32,27,24,22) 1	(C4xC2):C4; C8xC4; C8:C4; (C8xC2):C2; ((C4xC2):C2):C2; (C8:C2):C2; C2.((C4xC2):C2)= (C2xC2).(C4xC2); (C8xC2):C2; Q8:C4; (C4xC4):C2; C4:C8; C8:C4; C8:C4; C4.D8= C4.(C4xC2); C4xC4xC2; C2x((C4xC2):C2); C2x(C4:C4); (C4xC4):C2; C4xD8; C4xQ8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C2xQ8):C2; (C4xC2xC2):C2; (C4xC4):C2; (C2xC2).(C2xC2xC2); (C4xC4):C2; (C4xC4):C2; C4:Q8; C8xC2xC2; C2x(C8:C2); (C8xC2):C2; C2xD16; C2xQD16; (C8xC2):C2; (C2xD8):C2; (C2xQ8):C2; C4xC2xC2xC2; C2xC2xD8; C2xC2xQ8; C2x((C4xC2):C2); (C2xD8):C2; C2xC2xC2xC2xC2;	(32,28,26,24) 1	(C4xC2):C4; C8xC4; C8:C4; (C8xC2):C2; ((C4xC2):C2):C2; (C8:C2):C2; C2.((C4xC2):C2)= (C2xC2).(C4xC2); (C8xC2):C2; C2.((C4xC2):C2)= (C2xC2).(C4xC2); (C8xC2):C2; Q8:C4; (C4xC4):C2; C4:C8; C8:C4; C8:C4; C4.D8= C4.(C4xC2); C16xC2; C16:C2; D32; QD32; C4xC4xC2; C2x((C4xC2):C2); C2x(C4:C4); (C4xC4):C2; C4xD8; C4xQ8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C2xQ8):C2; (C4xC2xC2):C2; (C4xC4):C2; (C2xC2).(C2xC2xC2); (C4xC4):C2; (C4xC4):C2; C4:Q8; C8xC2xC2; C2x(C8:C2); (C8xC2):C2; C2xD16; C2xQD16; C2xQ16; (C8xC2):C2; (C2xD8):C2; (C2xQ8):C2; C4xC2xC2xC2; C2xC2xD8; C2xC2xQ8; C2x((C4xC2):C2); (C2xD8):C2; (C2xQ8):C2; C2xC2xC2xC2xC2;
(32,29,28,26) 1	C32; (C4xC2):C4; C8xC4; C8:C4; (C8xC2):C2; ((C4xC2):C2):C2; (C8:C2):C2; C2.((C4xC2):C2)= (C2xC2).(C4xC2); (C8xC2):C2; Q8:C4; (C4xC4):C2; C4:C8; C8:C4; C8:C4; C4.D8= C4.(C4xC2); C16xC2; C16:C2; D32; QD32; Q32; C4xC4xC2; C2x((C4xC2):C2); C2x(C4:C4); (C4xC4):C2; C4xD8; C4xQ8; (C2xC2xC2xC2):C2; (C4xC2xC2):C2; (C2xQ8):C2; (C4xC2xC2):C2; (C4xC4):C2; (C2xC2).(C2xC2xC2); (C4xC4):C2; (C4xC4):C2; C4:Q8; C8xC2xC2; C2x(C8:C2); (C8xC2):C2; C2xD16; C2xQD16; C2xQ16; (C8xC2):C2; (C2xD8):C2; (C2xQ8):C2; C4xC2xC2xC2; C2xC2xD8; C2xC2xQ8; C2x((C4xC2):C2); (C2xD8):C2; (C2xQ8):C2; C2xC2xC2xC2xC2;	(34,17,16,8) 1	D34; C34;
(34,21,14,12) 1	D34;	(36,9,4,2) 1	C3xA4;
(36,10,4,2) 1	D36; C18xC2;	(36,10,4,2) 2	D36; C18xC2;
(36,10,4,2) 3	D36; C18xC2;	(36,10,4,2) 4	D36; C18xC2;
(36,10,4,2) 5	D36;	(36,10,4,2) 6	D36;
(36,10,4,2) 7	D36;	(36,10,4,2) 8	C3x(C3:C4); (C3xC3):C4; S3xS3; C6xS3; C2x((C3xC3):C2); C6xC6;
(36,10,4,2) 9	S3xS3; C6xS3; C2x((C3xC3):C2); C6xC6;	(36,10,4,2) 10	S3xS3; C6xS3; C2x((C3xC3):C2);
(36,10,4,2) 11	S3xS3; C6xS3;	(36,10,4,2) 12	S3xS3;
(36,10,4,2) 13	C3xA4;	(36,10,4,2) 14	C3xA4;
(36,11,6,2) 1	C3x(C3:C4); (C3xC3):C4; S3xS3; C6xS3; C2x((C3xC3):C2); C6xC6;	(36,11,7,2) 1	C9:C4; C36; (C2xC2):C9; D36; C18xC2; C3x(C3:C4); (C3xC3):C4; C12xC3; (C3xC3):C4; S3xS3; C3xA4; C6xS3; C2x((C3xC3):C2); C6xC6;
(36,13,6,4) 1	C3x(C3:C4); C2x((C3xC3):C2); C6xC6;	(36,13,6,4) 2	(C3xC3):C4; S3xS3; C6xS3;
(36,13,6,4) 3	S3xS3; C6xS3;	(36,14,6,4) 1	D36; C18xC2;
(36,14,6,4) 2	D36; C18xC2;	(36,14,6,4) 3	D36; C18xC2;
(36,14,6,4) 4	D36; C18xC2;	(36,14,6,4) 5	C3x(C3:C4); C2x((C3xC3):C2); C6xC6;
(36,14,6,4) 6	(C3xC3):C4; S3xS3; C6xS3;	(36,14,6,4) 7	S3xS3; C6xS3;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(36,14,6,4) 8	S3xS3; C6xS3;	(36,14,6,4) 9	C2x((C3xC3):C2); C6xC6;
(36,17,8,6) 1	C6xS3;	(36,19,10,8) 1	C6xS3;
(36,19,18,2) 1	C9:C4; C36; D36; C18xC2; C3x(C3:C4); (C3xC3):C4; C12xC3; (C3xC3):C4; S3xS3; C6xS3; C2x((C3xC3):C2); C6xC6;	(36,20,12,10) 1	(C2xC2):C9; D36; C18xC2;
(36,20,12,10) 2	(C2xC2):C9; D36; C18xC2;	(36,20,12,10) 3	D36; C18xC2;
(36,20,12,10) 4	D36; C18xC2;	(36,20,12,10) 5	C3x(C3:C4); C2x((C3xC3):C2); C6xC6;
(36,20,12,10) 6	C3x(C3:C4); C2x((C3xC3):C2); C6xC6;	(36,20,12,10) 7	C3x(C3:C4); C3xA4; C2x((C3xC3):C2); C6xC6;
(36,20,12,10) 8	(C3xC3):C4; S3xS3; C6xS3;	(36,20,12,10) 9	S3xS3; C6xS3;
(36,22,14,12) 1	D36; C18xC2;	(36,22,14,12) 2	D36; C18xC2;
(36,22,14,12) 3	D36; C18xC2;	(36,22,14,12) 4	D36; C18xC2;
(36,22,14,12) 5	C3x(C3:C4); C2x((C3xC3):C2); C6xC6;	(36,22,14,12) 6	C3x(C3:C4); C2x((C3xC3):C2); C6xC6;
(36,22,14,12) 7	S3xS3; C6xS3;	(36,22,14,12) 8	S3xS3; C6xS3;
(36,22,14,12) 9	C2x((C3xC3):C2); C6xC6;	(36,23,16,14) 1	C3x(C3:C4); C3xA4; C2x((C3xC3):C2); C6xC6;
(36,23,16,14) 2	(C3xC3):C4; S3xS3; C6xS3;	(36,24,16,15) 1	C3x(C3:C4); C3xA4; C2x((C3xC3):C2); C6xC6;
(36,24,16,15) 2	(C3xC3):C4; S3xS3;	(36,24,16,15) 3	(C3xC3):C4; S3xS3; C6xS3;
(36,25,18,16) 1	(C3xC3):C4; S3xS3;	(36,25,20,16) 1	S3xS3; C6xS3; C2x((C3xC3):C2); C6xC6;
(36,25,21,16) 1	C9:C4; C36; D36; C18xC2; C3x(C3:C4); (C3xC3):C4; C12xC3; (C3xC3):C4; S3xS3; C6xS3; C2x((C3xC3):C2); C6xC6;	(36,25,24,14) 1	C9:C4; C36; (C2xC2):C9; D36; C18xC2; C3x(C3:C4); (C3xC3):C4; C12xC3; S3xS3; C3xA4; C6xS3; C2x((C3xC3):C2); C6xC6;
(36,26,20,18) 1	D36; C18xC2;	(36,26,20,18) 2	D36; C18xC2;
(36,26,20,18) 3	D36; C18xC2;	(36,26,20,18) 4	D36; C18xC2;
(36,26,20,18) 5	D36;	(36,26,20,18) 6	C3x(C3:C4); (C3xC3):C4; S3xS3; C6xS3; C2x((C3xC3):C2); C6xC6;
(36,26,20,18) 7	C3x(C3:C4); (C3xC3):C4; S3xS3; C6xS3; C2x((C3xC3):C2); C6xC6;	(36,26,20,18) 8	S3xS3; C6xS3; C2x((C3xC3):C2); C6xC6;
(36,26,20,18) 9	S3xS3; C6xS3;	(36,26,20,18) 10	S3xS3; C6xS3; C2x((C3xC3):C2);
(36,26,20,18) 11	S3xS3;	(36,26,20,18) 12	C3xA4;
(36,26,20,18) 13	C3xA4;	(36,31,30,26) 1	C9:C4; C36; (C2xC2):C9; D36; C18xC2; C3x(C3:C4); (C3xC3):C4; C12xC3; (C3xC3):C4; S3xS3; C3xA4; C6xS3; C2x((C3xC3):C2); C6xC6;
(36,33,32,30) 1	C9:C4; C36; (C2xC2):C9; D36; C18xC2; C3x(C3:C4); (C3xC3):C4; C12xC3; (C3xC3):C4; S3xS3; C3xA4; C6xS3; C2x((C3xC3):C2); C6xC6;	(37,24,16,15) 1	C37;
(39,22,13,11) 1	C13:C3;	(40,8,2,1) 1	C5:C8;
(40,8,2,1) 2	C5:C8;	(40,8,2,1) 3	C5:C8;
(40,8,2,1) 4	C5:C8;	(40,12,8,2) 1	C4xD10; D40; C2x(C5:C4); (C10xC2):C2; C20xC2; C5xD8; C2x(C5:C4); C2xC2xD10; C10xC2xC2;
(40,12,8,2) 2	C4xD10; D40; C2x(C5:C4); (C10xC2):C2; C20xC2; C5xD8; C2x(C5:C4); C2xC2xD10; C10xC2xC2;	(40,12,8,2) 3	C4xD10; D40; (C10xC2):C2; C2xC2xD10;
(40,12,8,2) 4	C2xC2xD10;	(40,16,12,6) 1	C2x(C5:C4);
(40,18,8,2) 1	C2x(C5:C4);	(40,21,20,2) 1	C5:C8; C40; C5:C8; C5:Q8; C4xD10; D40; C2x(C5:C4); (C10xC2):C2; C20xC2; C5xD8; C5xQ8; C2x(C5:C4); C2xC2xD10; C10xC2xC2;
(40,22,12,6) 1	C2x(C5:C4);	(40,24,20,14) 1	C2x(C5:C4);
(40,28,24,18) 1	C4xD10; D40; C2x(C5:C4); (C10xC2):C2; C20xC2; C5xD8; C2x(C5:C4); C2xC2xD10; C10xC2xC2;	(40,28,24,18) 2	C4xD10; D40; C2x(C5:C4); (C10xC2):C2; C20xC2; C5xD8; C2x(C5:C4); C2xC2xD10; C10xC2xC2;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(40,28,24,18) 3	C4xD10; D40; (C10xC2):C2; C2xC2xD10;	(40,31,30,22) 1	C5:C8; C40; C5:C8; C5:Q8; C4xD10; D40; C2x(C5:C4); (C10xC2):C2; C20xC2; C5xD8; C5xQ8; C2x(C5:C4); C2xC2xD10; C10xC2xC2;
(40,33,32,26) 1	C5:C8; C40; C5:C8; C5:Q8; C4xD10; D40; C2x(C5:C4); (C10xC2):C2; C20xC2; C5xD8; C5xQ8; C2x(C5:C4); C2xC2xD10; C10xC2xC2;	(40,36,34,32) 1	C4xD10; D40; C2x(C5:C4); (C10xC2):C2; C20xC2; C5xD8; C2x(C5:C4); C2xC2xD10; C10xC2xC2;
(40,37,36,34) 1	C5:C8; C40; C5:C8; C5:Q8; C4xD10; D40; C2x(C5:C4); (C10xC2):C2; C20xC2; C5xD8; C5xQ8; C2x(C5:C4); C2xC2xD10; C10xC2xC2;	(42,12,4,2) 1	C2x(C7:C3);
(42,12,4,2) 2	C2x(C7:C3);	(42,20,10,8) 1	C7xS3; D42;
(42,29,28,16) 1	(C7:C3):C2; C2x(C7:C3); C7xS3; C3xD14; D42; C42;	(42,32,25,24) 1	D42;
(42,37,34,32) 1	(C7:C3):C2; C3xD14; D42;	(42,37,36,32) 1	(C7:C3):C2; C2x(C7:C3); C7xS3; C3xD14; D42; C42;
(44,12,4,2) 1	D44; C22xC2;	(44,12,4,2) 2	D44; C22xC2;
(44,12,4,2) 3	D44; C22xC2;	(44,12,4,2) 4	D44; C22xC2;
(44,12,4,2) 5	D44; C22xC2;	(44,12,4,2) 6	D44; C22xC2;
(44,12,4,2) 7	D44; C22xC2;	(44,12,4,2) 8	D44; C22xC2;
(44,13,9,2) 1	C11:C4; C44; D44; C22xC2;	(44,23,22,2) 1	C11:C4; C44; D44; C22xC2;
(44,31,27,20) 1	C11:C4; C44; D44; C22xC2;	(44,37,32,30) 1	D44;
(44,38,34,32) 1	D44;	(44,41,40,38) 1	C11:C4; C44; D44; C22xC2;
(45,24,13,12) 1	C15xC3;	(48,9,2,1) 1	(C3:C8):C2;
(48,9,2,1) 2	(C3:C8):C2;	(48,11,3,2) 1	C8xS3; C24:C2; C24:C2; D48; C2x(C3:C8); (C3xQ8):C2; C3:Q16; C3x(C8:C2); C3xQ16; GL(2,3); C2xSL(2,3); (C12xC2):C2; Q8xS3; (C4xS3):C2; C6xQ8;
(48,11,3,2) 2	GL(2,3);	(48,11,3,2) 3	GL(2,3);
(48,11,3,2) 4	GL(2,3);	(48,11,3,2) 5	(C2x(C3:C4)):C2;
(48,11,3,2) 6	C2xS4;	(48,11,4,2) 1	(C4xC4):C3;
(48,11,4,2) 2	(C4xC4):C3;	(48,11,4,2) 3	C8xS3; D48; C2x(C3:C8); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3xD8):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C3x(C4:C4); C24xC2; C3xD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,11,4,2) 4	C8xS3; D48; C2x(C3:C8); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3xD8):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C3x(C4:C4); C24xC2; C3xD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,11,4,2) 5	C8xS3; D48; C2x(C3:C8); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3xD8):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C3x(C4:C4); C24xC2; C3xD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,11,4,2) 6	C2xS4;	(48,11,4,2) 7	C2xS4;
(48,11,4,2) 8	(C2xC2xC2xC2):C3;	(48,11,4,2) 9	(C2xC2xC2xC2):C3;
(48,12,4,2) 1	C8xS3; C24:C2; C24:C2; C2x(C3:C8); (C3xD8):C2; (C3:C8):C2; C3:Q16; C3x(C8:C2); C3xD16; C3xQD16; C2xD24; (C12xC2):C2; D8xS3; (C4xS3):C2; C3x((C4xC2):C2);	(48,12,4,2) 2	C8xS3; C24:C2; C24:C2; C2x(C3:C8); (C3xD8):C2; (C3:C8):C2; C3:Q16; C3x(C8:C2); C3xD16; C3xQD16; C2xD24; D8xS3; (C12xC2):C2; (C4xS3):C2; C3x((C4xC2):C2);
(48,12,4,2) 3	C8xS3; C24:C2; C24:C2; C2x(C3:C8); (C3xD8):C2; (C3:C8):C2; C3:Q16; C3x(C8:C2); C3xD16; C3xQD16; C2xD24; (C12xC2):C2; D8xS3; (C4xS3):C2; C3x((C4xC2):C2);	(48,12,4,2) 4	C8xS3; C24:C2; C3:Q16; (C4xS3):C2;
(48,12,4,2) 5	C8xS3; C24:C2; C24:C2; C2x(C3:C8); (C3xD8):C2; (C3:C8):C2; C3:Q16; C3x(C8:C2); C3xD16; C3xQD16; C2xD24; (C12xC2):C2; D8xS3; (C4xS3):C2; C3x((C4xC2):C2);	(48,12,4,2) 6	C24:C2; C24:C2; (C3:C8):C2; D8xS3;

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Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,12,4,2) 7	C24:C2;	(48,12,4,2) 8	D48; C24xC2; C2xD24;
(48,12,4,2) 9	D48; C24xC2; C2xD24;	(48,12,4,2) 10	D48; C24xC2; C2xD24;
(48,12,4,2) 11	D48; C24xC2; C2xD24;	(48,12,4,2) 12	D48; C24xC2; C2xD24;
(48,12,4,2) 13	D48; C24xC2; C2xD24;	(48,12,4,2) 14	D48; C24xC2; C2xD24;
(48,12,4,2) 15	D48; C24xC2; C2xD24;	(48,12,4,2) 16	(C3xQ8):C2; GL(2,3);
(48,12,4,2) 17	(C12xC2):C2;	(48,12,4,2) 18	D8xS3;
(48,12,4,2) 19	C2xS4;	(48,12,4,2) 20	C2xS4;
(48,12,4,2) 21	C2xS4;	(48,13,4,2) 1	C8xS3; C24:C2; C2x(C3:C8); (C3:C8):C2; C3:Q16; C3x(C8:C2); C3xD16; C3xQD16; C2xD24; C2xD24; (C12xC2):C2; D8xS3; (C4xS3):C2; C3x((C4xC2):C2);
(48,13,4,2) 2	C8xS3; C24:C2; C24:C2; C2x(C3:C8); (C3xC8):C2; C3:Q16; C3x(C8:C2); C3xD16; C3xQD16; C2xD24; (C12xC2):C2; D8xS3; (C4xS3):C2; C3x((C4xC2):C2);	(48,13,4,2) 3	C8xS3; (C3xC8):C2; C3xD16; D8xS3;
(48,13,4,2) 4	C8xS3; (C3xC8):C2; C3xD16; D8xS3;	(48,13,4,2) 5	C8xS3; C24:C2; C3:Q16; (C4xS3):C2;
(48,13,4,2) 6	C8xS3; C24:C2; C24:C2; C2x(C3:C8); (C3xC8):C2; C3:Q16; C3x(C8:C2); C3xD16; C3xQD16; C2xD24; (C12xC2):C2; D8xS3; (C4xS3):C2; C3x((C4xC2):C2);	(48,13,4,2) 7	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,13,4,2) 8	D48; C24xC2; C2xD24;	(48,13,4,2) 9	D48; C24xC2; C2xD24;
(48,13,4,2) 10	D48; C24xC2; C2xD24;	(48,13,4,2) 11	D48; C24xC2; C2xD24;
(48,13,4,2) 12	D48; C24xC2; C2xD24;	(48,13,4,2) 13	D48; C24xC2; C2xD24;
(48,13,4,2) 14	C2x(C3:C8); (C3xC8):C2; C2xD24;	(48,13,4,2) 15	C2x(C3:C8); (C3xC8):C2; C2xD24;
(48,13,4,2) 16	C2x(C3:C8); (C3xC8):C2; C2xD24;	(48,13,4,2) 17	GL(2,3);
(48,13,4,2) 18	A4:C4; C4xA4;	(48,13,4,2) 19	A4:C4; C4xA4;
(48,13,4,2) 20	A4:C4; C4xA4;	(48,13,4,2) 21	A4:C4; C4xA4;
(48,13,4,2) 22	A4:C4; C4xA4;	(48,13,4,2) 23	A4:C4; C4xA4;
(48,13,4,2) 24	(C12xC2):C2;	(48,13,4,2) 25	D8xS3;
(48,13,4,2) 26	C2xS4;	(48,13,4,3) 1	C2.S4= SL(2,3).C2; A4:C4; C2xSL(2,3); C2xC2xA4;
(48,14,6,2) 1	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;	(48,14,6,2) 2	C24:C2;
(48,14,6,2) 3	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;	(48,14,6,2) 4	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;
(48,14,6,2) 5	C24:C2;	(48,14,6,2) 6	(C3:C8):C2;
(48,14,6,2) 7	(C3:C8):C2;	(48,14,6,2) 8	C3xQD16;
(48,14,6,2) 9	C3xQD16;	(48,14,6,2) 10	GL(2,3);
(48,14,6,2) 11	GL(2,3);	(48,14,6,2) 12	GL(2,3);
(48,14,10,2) 1	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;	(48,14,10,2) 2	C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); A4:C4; C4xA4; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C6xD8; C2xS4; C12xC2xC2; C2xC2xA4; C2xC2xC2xS3; C6xC2xC2xC2;
(48,14,10,2) 3	C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); A4:C4; C4xA4; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xS4; C2xC2xA4; (C2xC2xC2xC2):C3; C2xC2xC2xS3; C6xC2xC2xC2;	(48,14,10,2) 4	(C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); A4:C4; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8; C2xS4;
(48,14,10,2) 5	(C12xC2):C2; C2xD24;	(48,14,10,2) 6	C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,14,10,2) 7	C2xD24;	(48,14,10,2) 8	C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8; C2xS4;
(48,14,10,2) 9	D8xS3;	(48,14,10,2) 10	C2xC2xC2xS3;
(48,15,6,4) 1	(C4xC4):C3;	(48,15,6,4) 2	C2x(C3:C8); (C3xD8):C2; C2xD24;
(48,15,6,4) 3	C2x(C3:C8); (C3xD8):C2; C2xD24;	(48,15,6,4) 4	C2x(C3:C8); (C3xD8):C2; C2xD24;
(48,15,6,4) 5	A4:C4; C2xC2xA4;	(48,15,6,4) 6	A4:C4; C2xC2xA4; (C2xC2xC2xC2):C3;
(48,15,6,4) 7	A4:C4; C2xC2xA4;	(48,15,6,4) 8	A4:C4; C2xC2xA4;
(48,15,6,4) 9	A4:C4;	(48,15,6,4) 10	A4:C4;
(48,15,6,4) 11	A4:C4;	(48,15,6,4) 12	A4:C4; C4xA4;
(48,15,6,4) 13	C2xSL(2,3);	(48,15,6,4) 14	C2xSL(2,3);
(48,15,6,4) 15	C2xSL(2,3);	(48,15,6,4) 16	C2xSL(2,3);
(48,15,6,4) 17	C2xSL(2,3);	(48,15,6,4) 18	C2xSL(2,3);
(48,15,6,4) 19	C2xS4;	(48,15,6,4) 20	C2xS4;
(48,15,6,4) 21	C2xC2xA4;	(48,15,6,4) 22	C2xC2xA4;
(48,15,6,4) 23	C2xC2xA4;	(48,15,6,4) 24	C2xC2xA4;
(48,15,6,4) 25	C2xC2xA4;	(48,15,6,4) 26	C2xC2xA4;
(48,15,6,4) 27	C2xC2xA4;	(48,15,6,4) 28	C2xC2xA4;
(48,15,6,4) 29	C2xC2xA4;	(48,15,6,4) 30	C2xC2xA4;
(48,15,6,4) 31	C2xC2xA4;	(48,16,6,4) 1	C8xS3; (C3xD8):C2; C3xD16; D8xS3;
(48,16,6,4) 2	C3xQD16;	(48,16,6,4) 3	C3xQD16;
(48,16,6,4) 4	GL(2,3);	(48,16,6,4) 5	GL(2,3);
(48,16,6,4) 6	A4:C4; C2xC2xA4;	(48,16,6,4) 7	A4:C4; C2xC2xA4;
(48,16,6,4) 8	A4:C4; C2xC2xA4;	(48,16,6,4) 9	A4:C4; C2xC2xA4;
(48,16,6,4) 10	A4:C4; C4xA4;	(48,16,6,4) 11	D8xS3;
(48,16,6,4) 12	D8xS3;	(48,16,6,4) 13	D8xS3;
(48,16,6,4) 14	D8xS3;	(48,16,6,4) 15	D8xS3;
(48,16,6,4) 16	D8xS3;	(48,16,6,4) 17	D8xS3;
(48,16,6,4) 18	D8xS3;	(48,16,6,4) 19	C2xS4;
(48,16,6,4) 20	C2xS4;	(48,16,6,4) 21	C2xS4;
(48,16,6,4) 22	C2xS4;	(48,16,6,4) 23	C2xS4;
(48,16,6,4) 24	C2xS4;	(48,16,6,4) 25	C2xS4;
(48,16,6,4) 26	C2xS4;	(48,16,6,4) 27	C2xS4;
(48,16,6,4) 28	C2xS4;	(48,16,6,4) 29	C2xS4;
(48,16,6,4) 30	C2xS4;	(48,16,6,4) 31	C2xS4;
(48,16,6,4) 32	C2xS4;	(48,16,6,4) 33	C2xS4;
(48,16,6,4) 34	C2xS4;	(48,16,6,4) 35	C2xS4;
(48,16,6,4) 36	C2xS4;	(48,16,6,4) 37	C2xS4;
(48,16,6,4) 38	C2xC2xA4;	(48,16,6,4) 39	C2xC2xA4;
(48,16,6,4) 40	C2xC2xA4;	(48,16,6,4) 41	C2xC2xA4;
(48,16,6,4) 42	C2xC2xA4;	(48,16,6,4) 43	C2xC2xA4;
(48,16,6,4) 44	C2xC2xA4;	(48,16,6,4) 45	C2xC2xA4;
(48,16,6,4) 46	C2xC2xA4;	(48,16,6,4) 47	C2xC2xA4;
(48,16,6,4) 48	C2xC2xA4;	(48,16,6,4) 49	C2xC2xA4;
(48,16,6,4) 50	C2xC2xA4;	(48,16,8,4) 1	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;
(48,16,8,4) 2	C24:C2; (C3xQ8):C2; C3:Q16; C3xQ16;	(48,16,8,4) 3	C4x(C3:C4); (C3:C4):C4; (C12xC2):C2; (C3:C4):C4; (C2x(C3:C4)):C2; C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;
(48,16,8,4) 4	C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xC2xC2xS3; C6xC2xC2xC2;	(48,16,8,4) 5	C4x(C3:C4); (C3:C4):C4; (C12xC2):C2; (C3:C4):C4; (C2x(C3:C4)):C2; C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;
(48,16,8,4) 6	C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); A4:C4; C4xA4; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xS4; C2xC2xA4; C2xC2xC2xS3; C6xC2xC2xC2;	(48,16,8,4) 7	C4x(C3:C4); (C3:C4):C4; (C12xC2):C2; C3x(C4:C4); C2xC4xS3; C2xD24; (C4xS3):C2; C6xQ8;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,16,8,4) 8	C12:C4; (C12xC2):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C12xC2xC2; C2xC2xC2xS3;	(48,16,8,4) 9	C12:C4; (C12xC2):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C4xA4; C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C12xC2xC2; C2xS4; C2xC2xC2xS3;
(48,16,8,4) 10	C12:C4; (C12xC2):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C12xC2xC2; C2xC2xC2xS3;	(48,16,8,4) 11	(C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,16,8,4) 12	(C12xC2):C2; C2xD24;	(48,16,8,4) 13	(C12xC2):C2; C2xD24;
(48,16,8,4) 14	(C12xC2):C2; C3x((C4xC2):C2); C2xD24; C2x((C6xC2):C2);	(48,16,8,4) 15	(C12xC2):C2; C3x(C4:C4); C2xC4xS3; C2xD24;
(48,16,8,4) 16	C12xC4; C2xD24;	(48,16,8,4) 17	C2xC4xS3; C2xD24; (C4xS3):C2; C6xQ8;
(48,16,8,4) 18	C2xC4xS3; C2xD24; (C4xS3):C2; C6xQ8;	(48,16,8,4) 19	C2xC4xS3;
(48,16,8,4) 20	C2xC4xS3; C2xD24; (C4xS3):C2; C6xQ8;	(48,16,8,4) 21	C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xC2xC2xS3; C6xC2xC2xC2;
(48,16,8,4) 22	C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xS4; C2xC2xA4; C2xC2xC2xS3; C6xC2xC2xC2;	(48,16,8,4) 23	C2xC4xS3; C2xD24; (C4xS3):C2; C6xQ8;
(48,16,8,4) 24	C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;	(48,16,8,4) 25	C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;
(48,16,8,4) 26	C2xD24; C12xC2xC2; C2xC2xC2xS3;	(48,16,8,4) 27	C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,16,8,4) 28	C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,16,8,4) 29	C2xD24;
(48,16,8,4) 30	C2xD24;	(48,16,8,4) 31	C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,16,8,4) 32	C2xD24;	(48,16,8,4) 33	C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,16,8,4) 34	(C12xC2):C2;	(48,16,8,4) 35	(C12xC2):C2;
(48,16,8,4) 36	D8xS3;	(48,16,8,4) 37	D8xS3;
(48,16,8,4) 38	(C4xS3):C2;	(48,16,8,4) 39	(C4xS3):C2;
(48,16,8,4) 40	C2x((C6xC2):C2);	(48,16,8,4) 41	C2xS4;
(48,16,8,4) 42	C2xC2xC2xS3;	(48,16,8,4) 43	C2xC2xC2xS3;
(48,16,8,4) 44	C2xC2xC2xS3;	(48,18,8,6) 1	(C4xC4):C3;
(48,18,8,6) 2	(C4xC4):C3;	(48,18,8,6) 3	C3xQD16;
(48,18,8,6) 4	GL(2,3);	(48,18,8,6) 5	GL(2,3);
(48,18,8,6) 6	GL(2,3);	(48,18,8,6) 7	GL(2,3);
(48,18,8,6) 8	GL(2,3);	(48,18,8,6) 9	GL(2,3);
(48,18,8,6) 10	GL(2,3);	(48,18,8,6) 11	GL(2,3);
(48,18,8,6) 12	GL(2,3);	(48,18,8,6) 13	GL(2,3);
(48,18,8,6) 14	GL(2,3);	(48,18,8,6) 15	GL(2,3);
(48,18,8,6) 16	A4:C4; C2xC2xA4;	(48,18,8,6) 17	A4:C4; C2xC2xA4; (C2xC2xC2xC2):C3;
(48,18,8,6) 18	A4:C4; C2xC2xA4;	(48,18,8,6) 19	A4:C4; C2xC2xA4;
(48,18,8,6) 20	C2xC2xA4; (C2xC2xC2xC2):C3;	(48,18,8,6) 21	C2xC2xA4;
(48,18,8,6) 22	C2xC2xA4;	(48,18,8,6) 23	(C2xC2xC2xC2):C3;
(48,18,10,6) 1	(C4xC4):C3; C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C8):C2; (C3xQ8):C2; C12xC4; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,18,10,6) 2	(C4xC4):C3;
(48,18,10,6) 3	(C4xC4):C3;	(48,18,10,6) 4	(C4xC4):C3;
(48,18,10,6) 5	C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C8):C2; (C3xQ8):C2; C12xC4; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,18,10,6) 6	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3xQ8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,18,10,6) 7	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3:Q8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,18,10,6) 8	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3:Q8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,18,10,6) 9	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,18,10,6) 10	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,18,10,6) 11	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,18,10,6) 12	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,18,10,6) 13	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3:Q8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,18,10,6) 14	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,18,10,6) 15	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,18,10,6) 16	C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3:C8):C2; (C3:Q8):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C3x(C8:C2); C3xQD16; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C6xD8; C12xC2xC2; C2xC2xC2xC2; C6xC2xC2xC2;
(48,18,10,6) 17	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3:Q8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,18,10,6) 18	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,18,10,6) 19	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,18,10,6) 20	C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C8):C2; (C3:Q8):C2; C12xC4; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,18,10,6) 21	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3:Q8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,18,10,6) 22	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,18,10,6) 23	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,18,10,6) 24	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,18,10,6) 25	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,18,10,6) 26	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3:Q8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,18,10,6) 27	C24:C2;	(48,18,10,6) 28	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,18,10,6) 29	C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C8):C2; (C3:Q8):C2; C12xC4; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,18,10,6) 30	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,18,10,6) 31	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3:Q8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,18,10,6) 32	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3:Q8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,18,10,6) 33	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,18,10,6) 34	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,18,10,6) 35	C24:C2;	(48,18,10,6) 36	C24:C2; C4x(C3:C4); C3x(C8:C2); C2xD24; C2x((C6xC2):C2);
(48,18,10,6) 37	C24:C2;	(48,18,10,6) 38	C24:C2;
(48,18,10,6) 39	C24:C2;	(48,18,10,6) 40	C24:C2;
(48,18,10,6) 41	C24:C2; C4x(C3:C4); (C3:C4):C4; (C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C3x(C8:C2); C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xC2;	(48,18,10,6) 42	C24:C2;
(48,18,10,6) 43	C24:C2;	(48,18,10,6) 44	C24:C2;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,18,10,6) 45	C24:C2;	(48,18,10,6) 46	C24:C2; C4x(C3:C4); C3x(C8:C2); C2xD24; C2x((C6xC2):C2);
(48,18,10,6) 47	C24:C2;	(48,18,10,6) 48	C24:C2;
(48,18,10,6) 49	C24:C2; C4x(C3:C4); C3x(C8:C2); C2xD24; C2x((C6xC2):C2);	(48,18,10,6) 50	C24:C2; C4x(C3:C4); C3x(C8:C2); C2xD24; C2x((C6xC2):C2);
(48,18,10,6) 51	C24:C2;	(48,18,10,6) 52	C24:C2;
(48,18,10,6) 53	C24:C2;	(48,18,10,6) 54	C24:C2;
(48,18,10,6) 55	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16; GL(2,3);	(48,18,10,6) 56	C24:C2;
(48,18,10,6) 57	C24:C2;	(48,18,10,6) 58	C24:C2;
(48,18,10,6) 59	C24:C2;	(48,18,10,6) 60	C24:C2;
(48,18,10,6) 61	C24:C2;	(48,18,10,6) 62	C24:C2;
(48,18,10,6) 63	C24:C2;	(48,18,10,6) 64	C24:C2;
(48,18,10,6) 65	C24:C2;	(48,18,10,6) 66	C24:C2;
(48,18,10,6) 67	C24:C2;	(48,18,10,6) 68	C24:C2;
(48,18,10,6) 69	C24:C2;	(48,18,10,6) 70	C24:C2;
(48,18,10,6) 71	C24:C2;	(48,18,10,6) 72	C24:C2;
(48,18,10,6) 73	C24:C2;	(48,18,10,6) 74	C24:C2;
(48,18,10,6) 75	C24:C2;	(48,18,10,6) 76	C24:C2;
(48,18,10,6) 77	C4x(C3:C4); C2xD24; C2x((C6xC2):C2);	(48,18,10,6) 78	C4x(C3:C4); C2xD24; C2x((C6xC2):C2);
(48,18,10,6) 79	C4x(C3:C4); C2xD24; C2x((C6xC2):C2);	(48,18,10,6) 80	(C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); (C2xC2xC2xC2):C3; C2xC2xC2xS3; C6xC2xC2xC2;
(48,18,10,6) 81	(C12xC2):C2; (C2x(C3:C4)):C2; C2xC2xC2xS3;	(48,18,10,6) 82	(C12xC2):C2; (C2x(C3:C4)):C2; C2xC2xC2xS3;
(48,18,10,6) 83	(C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C2xC2xC2xS3;	(48,18,10,6) 84	(C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C2xC2xC2xS3;
(48,18,10,6) 85	(C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C2xC2xC2xS3;	(48,18,10,6) 86	(C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C2xC2xC2xS3;
(48,18,10,6) 87	(C12xC2):C2;	(48,18,10,6) 88	(C12xC2):C2;
(48,18,10,6) 89	(C12xC2):C2;	(48,18,10,6) 90	(C12xC2):C2;
(48,18,10,6) 91	(C12xC2):C2;	(48,18,10,6) 92	(C12xC2):C2;
(48,18,10,6) 93	(C12xC2):C2; (C2x(C3:C4)):C2; C2xC2xC2xS3;	(48,18,10,6) 94	(C12xC2):C2;
(48,18,10,6) 95	(C12xC2):C2;	(48,18,10,6) 96	(C12xC2):C2; C3x((C4xC2):C2); C2xD24; C2x((C6xC2):C2);
(48,18,10,6) 97	(C12xC2):C2; C3x((C4xC2):C2); C2xD24; C2x((C6xC2):C2);	(48,18,10,6) 98	(C12xC2):C2;
(48,18,10,6) 99	(C12xC2):C2;	(48,18,10,6) 100	(C3:C8):C2;
(48,18,10,6) 101	C3xQD16;	(48,18,10,6) 102	C3xQD16;
(48,18,10,6) 103	C3xQD16;	(48,18,10,6) 104	C3xQD16;
(48,18,10,6) 105	GL(2,3);	(48,18,10,6) 106	GL(2,3);
(48,18,10,6) 107	GL(2,3);	(48,18,10,6) 108	GL(2,3);
(48,18,10,6) 109	A4:C4; C4xA4; C2xS4; C2xC2xA4;	(48,18,10,6) 110	A4:C4; C4xA4; C2xS4; C2xC2xA4;
(48,18,10,6) 111	C4xA4; C2xC2xA4;	(48,18,10,6) 112	C4xA4; C2xC2xA4;
(48,18,10,6) 113	C4xA4; C2xS4;	(48,18,10,6) 114	C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;
(48,18,10,6) 115	C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;	(48,18,10,6) 116	D8xS3; C2x((C6xC2):C2);
(48,18,10,6) 117	D8xS3;	(48,18,10,6) 118	D8xS3;
(48,18,10,6) 119	D8xS3;	(48,18,10,6) 120	D8xS3;
(48,18,10,6) 121	D8xS3;	(48,18,10,6) 122	D8xS3;
(48,18,10,6) 123	D8xS3;	(48,18,10,6) 124	D8xS3;
(48,18,10,6) 125	D8xS3;	(48,18,10,6) 126	D8xS3;
(48,18,10,6) 127	D8xS3;	(48,18,10,6) 128	D8xS3;
(48,18,10,6) 129	D8xS3;	(48,18,10,6) 130	C2x((C6xC2):C2);
(48,18,10,6) 131	C2x((C6xC2):C2);	(48,18,10,6) 132	C2x((C6xC2):C2);
(48,18,10,6) 133	C2x((C6xC2):C2);	(48,18,10,6) 134	C2x((C6xC2):C2);
(48,18,10,6) 135	C2x((C6xC2):C2);	(48,18,10,6) 136	C2x((C6xC2):C2);

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,18,10,6) 137	$C2x((C6xC2):C2);$	(48,18,10,6) 138	$C2x((C6xC2):C2);$
(48,18,10,6) 139	$C2xS4; C2xC2xA4;$	(48,18,10,6) 140	$C2xS4;$
(48,18,10,6) 141	$C2xC2xA4;$	(48,18,10,6) 142	$C2xC2xA4;$
(48,18,10,6) 143	$C2xC2xA4; (C2xC2xC2xC2):C3;$	(48,18,10,6) 144	$C2xC2xA4;$ $(C2xC2xC2xC2):C3;$
(48,18,10,6) 145	$(C2xC2xC2xC2):C3;$	(48,18,12,6) 1	$C24:C2; (C3:C8):C2;$ $(C3xQ8):C2; C3xQD16;$
(48,18,12,6) 2	$C24:C2; (C3:C8):C2; (C3xQ8):C2;$ $C3xQD16;$	(48,18,12,6) 3	$C24:C2; (C3:C8):C2;$ $(C3xQ8):C2; C3xQD16;$
(48,18,14,6) 1	$C24:C2; (C3:C8):C2; (C3xQ8):C2;$ $C3xQD16; GL(2,3);$	(48,18,14,6) 2	$C4x(C3:C4); (C3:C4):C4;$ $C12:C4; (C12xC2):C2;$ $(C2x(C3:C4)):C2; C12xC4;$ $C3x((C4xC2):C2);$ $C3x(C4:C4); A4:C4;$ $C4xA4; C2xC4xS3; C2xD24;$ $D8xS3; C2xC2x(C3:C4);$ $C2x((C6xC2):C2);$ $C12xC2xC2; C6xD8; C2xS4;$ $C2xC2xA4; C2xC2xC2xS3;$ $C6xC2xC2xC2;$
(48,18,14,6) 3	$C4x(C3:C4); (C3:C4):C4;$ $C12:C4; (C12xC2):C2;$ $(C2x(C3:C4)):C2; C12xC4;$ $C3x((C4xC2):C2); C3x(C4:C4);$ $A4:C4; C4xA4; C2xC4xS3;$ $C2xD24; D8xS3; C2xC2x(C3:C4);$ $C2x((C6xC2):C2); C12xC2xC2;$ $C6xD8; C2xS4; C2xC2xA4;$ $(C2xC2xC2xC2):C3;$ $C2xC2xC2xS3; C6xC2xC2xC2;$	(48,18,14,6) 4	$(C12xC2):C2;$ $(C2x(C3:C4)):C2;$ $C3x((C4xC2):C2); D8xS3;$ $A4:C4; C2xD24; C6xD8;$ $C2x((C6xC2):C2);$ $C2xS4;$
(48,18,14,6) 5	$C2xS4;$	(48,19,8,6) 1	$A4:C4; C2xC2xA4;$
(48,19,8,6) 2	$A4:C4; C2xC2xA4;$	(48,19,8,6) 3	$C2xC2xA4;$
(48,21,10,8) 1	$C24:C2; (C3:C8):C2; (C3xQ8):C2;$ $C3xQD16;$	(48,21,10,8) 2	$C24:C2;$
(48,21,10,8) 3	$C24:C2;$	(48,21,10,8) 4	$C24:C2; (C3:C8):C2;$ $(C3xQ8):C2; C3xQD16;$
(48,21,10,8) 5	$C24:C2; (C3:C8):C2; (C3xQ8):C2;$ $C3xQD16;$	(48,21,10,8) 6	$C24:C2;$
(48,21,10,8) 7	$(C3:C8):C2;$	(48,21,10,8) 8	$(C3:C8):C2;$
(48,21,10,8) 9	$(C3:C8):C2;$	(48,21,10,8) 10	$C3xQD16;$
(48,21,10,8) 11	$C3xQD16;$	(48,21,10,8) 12	$C3xQD16;$
(48,21,10,8) 13	$C3xQD16;$	(48,21,10,8) 14	$GL(2,3);$
(48,21,10,8) 15	$GL(2,3);$	(48,21,10,8) 16	$GL(2,3);$
(48,21,10,8) 17	$GL(2,3);$	(48,21,10,8) 18	$GL(2,3);$
(48,21,10,8) 19	$GL(2,3);$	(48,21,10,8) 20	$GL(2,3);$
(48,21,10,8) 21	$GL(2,3);$	(48,21,10,8) 22	$GL(2,3);$
(48,21,10,8) 23	$GL(2,3);$	(48,21,10,8) 24	$GL(2,3);$
(48,21,10,8) 25	$GL(2,3);$	(48,21,10,8) 26	$A4:C4; C2xC2xA4;$
(48,21,10,8) 27	$A4:C4; C2xC2xA4;$	(48,21,10,8) 28	$C2xC2xA4;$
(48,21,10,8) 29	$C2xC2xA4;$	(48,21,10,8) 30	$C2xC2xA4;$
(48,21,10,8) 31	$C2xC2xA4;$	(48,21,10,8) 32	$C2xC2xA4;$
(48,22,10,2) 1	$(C4xC4):C3;$	(48,22,10,2) 2	$(C4xC4):C3; A4:C4;$
(48,22,10,2) 3	$A4:C4;$	(48,22,10,2) 4	$A4:C4;$
(48,22,10,2) 5	$A4:C4; C2xS4;$	(48,22,10,2) 6	$A4:C4; C2xS4;$
(48,22,10,2) 7	$C4xA4; C2xC2xA4;$	(48,22,10,2) 8	$C4xA4; C2xC2xA4;$
(48,22,10,2) 9	$C4xA4;$	(48,22,10,2) 10	$C2xS4;$
(48,22,10,2) 11	$C2xS4;$	(48,22,10,2) 12	$C2xC2xA4;$
(48,22,10,2) 13	$(C2xC2xC2xC2):C3;$	(48,22,10,2) 14	$(C2xC2xC2xC2):C3;$
(48,22,10,2) 15	$(C2xC2xC2xC2):C3;$	(48,22,10,6) 1	$C24:C2; C24:C2; (C3:C8):C2;$ $C4x(C3:C4); (C3:C4):C4;$ $C12:C4; (C12xC2):C2;$ $(C3:C8):C2; (C3xQ8):C2;$ $(C2x(C3:C4)):C2; C12xC4;$ $C3x((C4xC2):C2);$ $C3x(C4:C4); C3x(C8:C2);$ $C3xQD16; GL(2,3); A4:C4;$ $C4xA4; C2xC4xS3; C2xD24;$ $D8xS3; C2xC2x(C3:C4);$ $C2x((C6xC2):C2);$ $C12xC2xC2; C6xD8; C2xS4;$ $C2xC2xA4; C2xC2xC2xS3;$ $C6xC2xC2xC2;$

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,22,10,6) 2	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3:Q8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,22,10,6) 3	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,22,10,6) 4	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,22,10,6) 5	C24:C2;
(48,22,10,6) 6	C24:C2; C4x(C3:C4); (C3:C4):C4; (C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C3x(C8:C2); C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;	(48,22,10,6) 7	C4x(C3:C4); (C3:C4):C4; C12xC4; (C12xC2):C2; (C2x(C3:C4)):C2; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C2xC2xC2xS3;
(48,22,10,6) 8	(C3:C4):C4;	(48,22,10,6) 9	(C12xC2):C2;
(48,22,10,6) 10	(C2x(C3:C4)):C2;	(48,22,10,6) 11	GL(2,3);
(48,22,10,6) 12	GL(2,3);	(48,22,10,6) 13	GL(2,3);
(48,22,10,6) 14	GL(2,3);	(48,22,10,6) 15	GL(2,3);
(48,22,10,6) 16	GL(2,3);	(48,22,10,6) 17	GL(2,3);
(48,22,10,6) 18	GL(2,3);	(48,22,10,6) 19	GL(2,3);
(48,22,10,6) 20	GL(2,3);	(48,22,10,6) 21	GL(2,3);
(48,22,10,6) 22	GL(2,3);	(48,22,10,6) 23	D8xS3;
(48,22,10,6) 24	C2x((C6xC2):C2);	(48,22,10,8) 1	C24:C2; (C3:C8):C2; C3xQD16; GL(2,3);
(48,22,10,8) 2	C24:C2;	(48,22,10,8) 3	(C3:C8):C2;
(48,22,10,8) 4	GL(2,3);	(48,22,10,8) 5	GL(2,3);
(48,22,10,8) 6	GL(2,3);	(48,23,12,10) 1	C24:C2; (C3:C8):C2; C3xQD16; GL(2,3);
(48,23,12,10) 2	C24:C2;	(48,23,12,10) 3	(C3:C8):C2;
(48,23,12,10) 4	GL(2,3);	(48,23,12,10) 5	GL(2,3);
(48,23,12,10) 6	GL(2,3);	(48,24,12,8) 1	(C4xC4):C3;
(48,24,12,8) 2	A4:C4; C4xA4; C2xS4; C2xC2xA4;	(48,24,12,8) 3	A4:C4; C4xA4; C2xS4; C2xC2xA4;
(48,24,12,8) 4	A4:C4; C4xA4; C2xS4; C2xC2xA4;	(48,24,12,8) 5	A4:C4; C4xA4; C2xS4; C2xC2xA4; (C2xC2xC2xC2):C3;
(48,24,12,8) 6	A4:C4; C4xA4; C2xS4;	(48,24,12,8) 7	A4:C4; C4xA4; C2xS4;
(48,24,12,8) 8	A4:C4; C4xA4; C2xS4;	(48,24,12,8) 9	A4:C4; C4xA4; C2xS4;
(48,24,12,8) 10	C4xA4; C2xC2xA4;	(48,24,12,8) 11	C4xA4; C2xC2xA4;
(48,24,12,8) 12	C4xA4; C2xC2xA4;	(48,24,12,8) 13	C4xA4; C2xC2xA4;
(48,24,12,8) 14	C4xA4; C2xC2xA4;	(48,24,12,8) 15	C4xA4; C2xC2xA4;
(48,24,12,8) 16	C4xA4; C2xC2xA4;	(48,24,12,8) 17	C4xA4; C2xC2xA4;
(48,24,12,8) 18	SL(2,3):C2;	(48,24,12,8) 19	SL(2,3):C2;
(48,24,12,8) 20	SL(2,3):C2;	(48,24,12,8) 21	SL(2,3):C2;
(48,24,12,8) 22	SL(2,3):C2;	(48,24,12,8) 23	SL(2,3):C2;
(48,24,12,8) 24	SL(2,3):C2;	(48,24,12,8) 25	C2xS4; C2xC2xA4;
(48,24,12,8) 26	C2xS4;	(48,24,12,8) 27	C2xS4;
(48,24,12,8) 28	C2xS4; C2xC2xA4;	(48,24,12,8) 29	C2xS4; C2xC2xA4;
(48,24,12,8) 30	C2xS4;	(48,24,12,8) 31	C2xS4;
(48,24,12,8) 32	C2xS4;	(48,24,12,8) 33	C2xS4;
(48,24,12,8) 34	C2xS4;	(48,24,12,8) 35	C2xS4;
(48,24,12,8) 36	C2xS4;	(48,24,12,8) 37	C2xS4;
(48,24,12,8) 38	C2xS4;	(48,24,12,8) 39	C2xS4;
(48,24,12,8) 40	C2xS4;	(48,24,12,8) 41	C2xS4;
(48,24,12,8) 42	C2xS4;	(48,24,12,8) 43	C2xS4;
(48,24,12,8) 44	C2xS4;	(48,24,12,8) 45	C2xS4;
(48,24,12,8) 46	C2xS4;	(48,24,12,8) 47	C2xC2xA4;
(48,24,12,8) 48	C2xC2xA4;	(48,24,12,8) 49	C2xC2xA4;
(48,24,12,8) 50	C2xC2xA4;	(48,24,12,8) 51	C2xC2xA4;
(48,24,12,8) 52	C2xC2xA4;	(48,24,12,8) 53	C2xC2xA4;
(48,24,12,8) 54	C2xC2xA4;	(48,24,12,8) 55	(C2xC2xC2xC2):C3;
(48,24,12,8) 56	(C2xC2xC2xC2):C3;	(48,24,12,10) 1	GL(2,3);
(48,24,12,10) 2	GL(2,3);	(48,24,12,10) 3	GL(2,3);
(48,24,12,10) 4	GL(2,3);	(48,24,12,10) 5	GL(2,3);
(48,24,12,10) 6	GL(2,3);	(48,25,14,12) 1	(C4xC4):C3;
(48,25,14,12) 2	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16; GL(2,3);	(48,25,14,12) 3	C24:C2;
(48,25,14,12) 4	(C3:C8):C2;	(48,25,14,12) 5	GL(2,3);
(48,25,14,12) 6	GL(2,3);	(48,25,14,12) 7	GL(2,3);

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,25,14,12) 8	(C2xC2xC2xC2):C3;	(48,25,24,2) 1	C3:C16; C48; C8xS3; C24:C2; C24:C2; D48; C3:Q16; C2x(C3:C8); (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3xQ8):C2; (C3:C8):C2; (C3xQ8):C2; C3:Q16; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C24xC2; C3x(C8:C2); C3xD16; C3xQD16; C3xQ16; C2.S4= SL(2,3).C2; GL(2,3); A4:C4; C4xA4; C2xSL(2,3); SL(2,3):C2; C2x(C3:Q8); C2xC4xS3; C2xD24; (C12xC2):C2; D8xS3; (C2x(C3:C4)):C2; Q8xS3; (C4xS3):C2; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C6xQ8; C3x((C4xC2):C2); C2xS4; C2xC2xA4; C2xC2xC2xS3; C6xC2xC2xC2;
(48,26,14,6) 1	(C4xC4):C3; A4:C4;	(48,26,14,6) 2	A4:C4; C2xS4;
(48,26,14,6) 3	A4:C4; C2xS4;	(48,26,14,6) 4	C4xA4; C2xC2xA4; (C2xC2xC2xC2):C3;
(48,26,14,6) 5	C4xA4; C2xC2xA4;	(48,26,14,6) 6	C4xA4;
(48,26,14,6) 7	(C2xC2xC2xC2):C3;	(48,26,14,10) 1	(C4xC4):C3; C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C8):C2; (C3xQ8):C2; C12xC4; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,26,14,10) 2	(C4xC4):C3;	(48,26,14,10) 3	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3xQ8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,26,14,10) 4	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,26,14,10) 5	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,26,14,10) 6	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3xQ8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,26,14,10) 7	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,26,14,10) 8	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,26,14,10) 9	C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3:C8):C2; (C3xQ8):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C3x(C8:C2); C3xQD16; A4:C4; C4xA4; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xS4; C2xC2xA4; (C2xC2xC2xC2):C3; C2xC2xC2xS3; C6xC2xC2xC2;
(48,26,14,10) 10	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3xQ8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,26,14,10) 11	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,26,14,10) 12	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,26,14,10) 13	C24:C2; C4x(C3:C4); (C3:C4):C4; (C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C3x(C8:C2); C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;
(48,26,14,10) 14	C24:C2; C4x(C3:C4); C3x(C8:C2); C2xD24; C2x((C6xC2):C2);	(48,26,14,10) 15	C24:C2;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,26,14,10) 16	C24:C2;	(48,26,14,10) 17	C24:C2;
(48,26,14,10) 18	C4x(C3:C4); (C3:C4):C4; C12:C4; (C12x2):C2; (C2x(C3:C4)):C2; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6x2):C2); C2xC2xC2xS3;	(48,26,14,10) 19	(C3:C4):C4;
(48,26,14,10) 20	(C12x2):C2; (C2x(C3:C4)):C2; C3x((C4x2):C2); C2xC2xC2xS3;	(48,26,14,10) 21	(C12x2):C2;
(48,26,14,10) 22	(C12x2):C2;	(48,26,14,10) 23	(C12x2):C2;
(48,26,14,10) 24	(C2x(C3:C4)):C2;	(48,26,14,10) 25	C3xQD16;
(48,26,14,10) 26	C3xQD16;	(48,26,14,10) 27	C3xQD16;
(48,26,14,10) 28	C3xQD16;	(48,26,14,10) 29	D8xS3;
(48,26,14,10) 30	D8xS3;	(48,26,14,10) 31	D8xS3;
(48,26,14,10) 32	C2x((C6x2):C2);	(48,26,14,10) 33	C2x((C6x2):C2);
(48,26,14,10) 34	C2x((C6x2):C2);	(48,26,14,10) 35	(C2xC2xC2x2):C3;
(48,26,14,12) 1	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;	(48,26,14,12) 2	C24:C2;
(48,26,14,12) 3	C24:C2;	(48,26,14,12) 4	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;
(48,26,14,12) 5	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;	(48,26,14,12) 6	C24:C2;
(48,26,14,12) 7	(C3:C8):C2;	(48,26,14,12) 8	(C3:C8):C2;
(48,26,14,12) 9	(C3:C8):C2;	(48,26,14,12) 10	C3xQD16;
(48,26,14,12) 11	C3xQD16;	(48,26,14,12) 12	C3xQD16;
(48,26,14,12) 13	C3xQD16;	(48,27,16,14) 1	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;
(48,27,16,14) 2	C24:C2;	(48,27,16,14) 3	C24:C2;
(48,27,16,14) 4	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;	(48,27,16,14) 5	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;
(48,27,16,14) 6	C24:C2;	(48,27,16,14) 7	(C3:C8):C2;
(48,27,16,14) 8	(C3:C8):C2;	(48,27,16,14) 9	(C3:C8):C2;
(48,27,16,14) 10	C3xQD16;	(48,27,16,14) 11	C3xQD16;
(48,27,16,14) 12	C3xQD16;	(48,27,16,14) 13	C3xQD16;
(48,27,16,14) 14	GL(2,3);	(48,27,16,14) 15	GL(2,3);
(48,27,16,14) 16	GL(2,3);	(48,27,16,14) 17	GL(2,3);
(48,27,16,14) 18	GL(2,3);	(48,27,16,14) 19	GL(2,3);
(48,27,16,14) 20	GL(2,3);	(48,27,16,14) 21	GL(2,3);
(48,27,16,14) 22	GL(2,3);	(48,27,16,14) 23	GL(2,3);
(48,27,16,14) 24	GL(2,3);	(48,27,16,14) 25	GL(2,3);
(48,27,16,14) 26	A4:C4; C2xC2xA4;	(48,27,16,14) 27	A4:C4; C2xC2xA4;
(48,27,16,14) 28	C2xC2xA4;	(48,29,18,16) 1	(C4xC4):C3;
(48,29,18,16) 2	A4:C4; C2xC2xA4;	(48,29,18,16) 3	A4:C4; C2xC2xA4; (C2xC2xC2x2):C3;
(48,30,20,18) 1	(C4xC4):C3;	(48,30,20,18) 2	(C4xC4):C3;
(48,30,20,18) 3	C3xQD16;	(48,30,20,18) 4	C2xC2xA4;
(48,30,20,18) 5	(C2xC2xC2x2):C3;	(48,30,20,18) 6	(C2xC2xC2x2):C3;
(48,30,22,18) 1	(C4xC4):C3;	(48,30,22,18) 2	(C4xC4):C3;
(48,30,22,18) 3	C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C8):C2; (C3xQ8):C2; C12xC4; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6x2):C2); C6xD8;	(48,30,22,18) 4	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3xQ8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6x2):C2); C6xD8;
(48,30,22,18) 5	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,30,22,18) 6	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,30,22,18) 7	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3xQ8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6x2):C2); C6xD8;	(48,30,22,18) 8	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,30,22,18) 9	C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12x2):C2; (C3:C8):C2; (C3xQ8):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4x2):C2); C3x(C4:C4); C3x(C8:C2); C3xQD16; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6x2):C2); C12xC2xC2; C6xD8; C2xC2xC2xS3;	(48,30,22,18) 10	C24:C2; C24:C2; (C3:C8):C2; D8xS3;
(48,30,22,18) 11	C24:C2; C24:C2; (C3:C8):C2; (C3:C8):C2; (C3xQ8):C2; C3x(C8:C2); C3xQD16; C2xD24; D8xS3; C2x((C6x2):C2); C6xD8;	(48,30,22,18) 12	C24:C2; C4x(C3:C4); C3x(C8:C2); C2xD24; C2x((C6x2):C2);

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,30,22,18) 13	C24:C2;	(48,30,22,18) 14	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;
(48,30,22,18) 15	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;	(48,30,22,18) 16	C24:C2;
(48,30,22,18) 17	C24:C2;	(48,30,22,18) 18	C24:C2;
(48,30,22,18) 19	C24:C2;	(48,30,22,18) 20	C24:C2;
(48,30,22,18) 21	C24:C2;	(48,30,22,18) 22	C24:C2;
(48,30,22,18) 23	C24:C2; C4x(C3:C4); (C3:C4):C4; (C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C3x(C8:C2); C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;	(48,30,22,18) 24	C24:C2;
(48,30,22,18) 25	C24:C2;	(48,30,22,18) 26	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;
(48,30,22,18) 27	C24:C2;	(48,30,22,18) 28	C4x(C3:C4); C2xD24; C2x((C6xC2):C2);
(48,30,22,18) 29	(C12xC2):C2; (C2x(C3:C4)):C2; C2xC2xC2xS3;	(48,30,22,18) 30	(C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C2xC2xC2xS3;
(48,30,22,18) 31	(C12xC2):C2;	(48,30,22,18) 32	(C12xC2):C2;
(48,30,22,18) 33	(C12xC2):C2; C3x((C4xC2):C2); C2xD24; C2x((C6xC2):C2);	(48,30,22,18) 34	(C12xC2):C2; C3x((C4xC2):C2); C2xD24; C2x((C6xC2):C2);
(48,30,22,18) 35	(C12xC2):C2;	(48,30,22,18) 36	(C12xC2):C2;
(48,30,22,18) 37	(C3:C8):C2;	(48,30,22,18) 38	(C3:C8):C2;
(48,30,22,18) 39	(C3:C8):C2;	(48,30,22,18) 40	C3xQD16;
(48,30,22,18) 41	C3xQD16;	(48,30,22,18) 42	GL(2,3);
(48,30,22,18) 43	GL(2,3);	(48,30,22,18) 44	GL(2,3);
(48,30,22,18) 45	A4:C4; C4xA4; C2xS4; C2xC2xA4; (C2xC2xC2xC2):C3;	(48,30,22,18) 46	A4:C4; C4xA4; C2xS4; C2xC2xA4;
(48,30,22,18) 47	C4xA4; C2xC2xA4;	(48,30,22,18) 48	C4xA4; C2xC2xA4;
(48,30,22,18) 49	C4xA4; C2xS4;	(48,30,22,18) 50	C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;
(48,30,22,18) 51	C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;	(48,30,22,18) 52	D8xS3; C2x((C6xC2):C2);
(48,30,22,18) 53	D8xS3;	(48,30,22,18) 54	C2x((C6xC2):C2);
(48,30,22,18) 55	C2x((C6xC2):C2);	(48,30,22,18) 56	C2x((C6xC2):C2);
(48,30,22,18) 57	C2xC2xA4; (C2xC2xC2xC2):C3;	(48,30,22,18) 58	C2xC2xA4; (C2xC2xC2xC2):C3;
(48,30,22,18) 59	C2xC2xA4; (C2xC2xC2xC2):C3;	(48,30,22,18) 60	C2xC2xA4; (C2xC2xC2xC2):C3;
(48,30,24,18) 1	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16; GL(2,3);	(48,30,24,18) 2	GL(2,3);
(48,30,24,18) 3	GL(2,3);	(48,30,24,18) 4	GL(2,3);
(48,30,26,18) 1	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;	(48,30,26,18) 2	C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); A4:C4; C4xA4; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xS4; C2xC2xA4; C2xC2xC2xS3; C6xC2xC2xC2;
(48,30,26,18) 3	C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); A4:C4; C4xA4; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xS4; C2xC2xA4; (C2xC2xC2xC2):C3; C2xC2xC2xS3; C6xC2xC2xC2;	(48,30,26,18) 4	(C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); A4:C4; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8; C2xS4;
(48,30,26,18) 5	C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8; C2xS4;	(48,32,22,20) 1	C8xS3; (C3xD8):C2; C3xD16; D8xS3;
(48,32,22,20) 2	GL(2,3);	(48,32,22,20) 3	GL(2,3);
(48,32,22,20) 4	A4:C4; C4xA4;	(48,32,22,20) 5	A4:C4; C4xA4;
(48,32,22,20) 6	A4:C4; C4xA4;	(48,32,22,20) 7	D8xS3;
(48,32,22,20) 8	D8xS3;	(48,32,22,20) 9	D8xS3;
(48,32,22,20) 10	D8xS3;	(48,32,22,20) 11	D8xS3;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,32,22,20) 12	D8xS3;	(48,32,22,20) 13	D8xS3;
(48,32,22,20) 14	D8xS3;	(48,32,22,20) 15	C2xS4;
(48,32,22,20) 16	C2xS4;	(48,32,22,20) 17	C2xS4;
(48,32,22,20) 18	C2xS4;	(48,32,22,20) 19	C2xS4;
(48,32,22,20) 20	C2xS4;	(48,32,22,20) 21	C2xS4;
(48,32,22,20) 22	C2xS4;	(48,32,22,20) 23	C2xS4;
(48,32,22,20) 24	C2xS4;	(48,32,22,20) 25	C2xS4;
(48,32,22,20) 26	C2xS4;	(48,32,22,20) 27	C2xS4;
(48,32,22,20) 28	C2xC2xA4;	(48,32,24,20) 1	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16;
(48,32,24,20) 2	C24:C2; (C3xQ8):C2; C3:Q16; C3xQ16;	(48,32,24,20) 3	C4x(C3:C4); (C3:C4):C4; (C12xC2):C2; (C2x(C3:C4)):C2; C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;
(48,32,24,20) 4	C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); A4:C4; C4xA4; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xS4; C2xC2xA4; C2xC2xC2xS3; C6xC2xC2xC2;	(48,32,24,20) 5	C4x(C3:C4); (C3:C4):C4; (C12xC2):C2; (C2x(C3:C4)):C2; C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;
(48,32,24,20) 6	C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xC2xC2xS3; C6xC2xC2xC2;	(48,32,24,20) 7	C4x(C3:C4); (C3:C4):C4; (C12xC2):C2; C3x(C4:C4); C2xC4xS3; C2xD24; (C4xS3):C2; C6xQ8;
(48,32,24,20) 8	C12:C4; (C12xC2):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C4xA4; C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C12xC2xC2; C2xS4; C2xC2xC2xS3;	(48,32,24,20) 9	C12:C4; (C12xC2):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C12xC2xC2; C2xC2xC2xS3;
(48,32,24,20) 10	C12:C4; (C12xC2):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C12xC2xC2; C2xC2xC2xS3;	(48,32,24,20) 11	(C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;
(48,32,24,20) 12	(C12xC2):C2; C2xD24;	(48,32,24,20) 13	(C12xC2):C2; C2xD24;
(48,32,24,20) 14	(C12xC2):C2; C3x((C4xC2):C2); C2xD24; C2x((C6xC2):C2);	(48,32,24,20) 15	(C12xC2):C2; C3x(C4:C4); C2xC4xS3; C2xD24;
(48,32,24,20) 16	C12xC4; C2xD24;	(48,32,24,20) 17	C2xC4xS3; C2xD24; (C4xS3):C2; C6xQ8;
(48,32,24,20) 18	C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;	(48,32,24,20) 19	C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;
(48,32,24,20) 20	C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8;	(48,32,24,20) 21	(C12xC2):C2;
(48,32,24,20) 22	(C12xC2):C2;	(48,33,24,22) 1	C2x(C3:C8); (C3xD8):C2; C2xD24;
(48,33,24,22) 2	A4:C4; C4xA4;	(48,33,24,22) 3	A4:C4; C4xA4;
(48,33,24,22) 4	A4:C4;	(48,33,24,22) 5	A4:C4; C4xA4;
(48,33,24,22) 6	C2xSL(2,3);	(48,33,24,22) 7	C2xSL(2,3);
(48,33,24,22) 8	C2xC2xA4;	(48,33,24,22) 9	C2xC2xA4;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,33,32,18) 1	C3:C16; C48; (C4xC4):C3; C8xS3; C24:C2; C24:C2; D48; C3:Q16; C2x(C3:C8); (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3xD8):C2; (C3:C8):C2; (C3xQ8):C2; C3:Q16; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C24xC2; C3x(C8:C2); C3xD16; C3xQD16; C3xQ16; C2.S4= SL(2,3).C2; GL(2,3); A4:C4; C4xA4; C2xSL(2,3); SL(2,3):C2; C2x(C3:Q8); C2xC4xS3; C2xD24; (C12xC2):C2; D8xS3; (C2x(C3:C4)):C2; Q8xS3; (C4xS3):C2; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C6xQ8; C3x((C4xC2):C2); C2xS4; C2xC2xA4; (C2xC2xC2xC2):C3; C2xC2xC2xS3; C6xC2xC2xC2;	(48,34,26,22) 1	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16; GL(2,3);
(48,34,30,22) 1	C24:C2; (C3:C8):C2; (C3xQ8):C2; C3xQD16; GL(2,3);	(48,34,30,22) 2	C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); A4:C4; C4xA4; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xS4; C2xC2xA4; C2xC2xC2xS3; C6xC2xC2xC2;
(48,34,30,22) 3	C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); A4:C4; C4xA4; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xS4; C2xC2xA4; (C2xC2xC2xC2):C3; C2xC2xC2xS3; C6xC2xC2xC2;	(48,34,30,22) 4	(C12xC2):C2; (C2x(C3:C4)):C2; C3x((C4xC2):C2); A4:C4; C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8; C2xS4;
(48,34,30,22) 5	(C12xC2):C2; C2xD24;	(48,34,30,22) 6	C2xC4xS3; C2xD24; D8xS3; C2x((C6xC2):C2); C2xC2xC2xS3;
(48,34,30,22) 7	D8xS3;	(48,34,30,22) 8	C2xS4;
(48,35,26,24) 1	C8xS3; C24:C2; C24:C2; C2x(C3:C8); (C3xD8):C2; (C3:C8):C2; C3:Q16; C3x(C8:C2); C3xD16; C3xQD16; C2xD24; (C12xC2):C2; D8xS3; (C4xS3):C2; C3x((C4xC2):C2);	(48,35,26,24) 2	C8xS3; C24:C2; C24:C2; C2x(C3:C8); (C3xD8):C2; (C3:C8):C2; C3:Q16; C3x(C8:C2); C3xD16; C3xQD16; C2xD24; (C12xC2):C2; D8xS3; (C4xS3):C2; C3x((C4xC2):C2);
(48,35,26,24) 3	C8xS3; C24:C2; C3:Q16; (C4xS3):C2;	(48,35,26,24) 4	C8xS3; C24:C2; C24:C2; C2x(C3:C8); (C3xD8):C2; (C3:C8):C2; C3:Q16; C3x(C8:C2); C3xD16; C3xQD16; C2xD24; (C12xC2):C2; D8xS3; (C4xS3):C2; C3x((C4xC2):C2);
(48,35,26,24) 5	C24:C2; C24:C2; (C3:C8):C2; D8xS3;	(48,35,26,24) 6	D48; C24xC2; C2xD24;
(48,35,26,24) 7	D48; C24xC2; C2xD24;	(48,35,26,24) 8	GL(2,3);
(48,35,26,24) 9	(C12xC2):C2;	(48,35,26,24) 10	D8xS3;
(48,35,26,24) 11	C2.S4= SL(2,3).C2; A4:C4; C2xSL(2,3); C2xC2xA4; (C2xC2xC2xC2):C3;	(48,35,26,25) 1	(C4xC4):C3;
(48,36,28,26) 2	(C3xQ8):C2; GL(2,3);	(48,36,28,26) 1	C24:C2;
(48,36,28,26) 2	(C3xQ8):C2; GL(2,3);	(48,36,28,26) 3	C2xS4;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,37,29,28) 1	C8xS3; C24:C2; C24:C2; D48; C2x(C3:C8); (C3xQ8):C2; C3:Q16; C3x(C8:C2); C3xQ16; GL(2,3); C2xSL(2,3); (C12xQ2):C2; Q8xS3; (C4xS3):C2; C6xQ8;	(48,37,29,28) 2	C8xS3; C2x(C3:C8); (C3:C8):C2; (C3xQ8):C2; C3xQD16; GL(2,3); C2xSL(2,3); Q8xS3; C6xQ8;
(48,37,29,28) 3	C24:C2; (C3:C8):C2; (C3xD8):C2; (C3xQ8):C2; C3xQD16; (C4xS3):C2; C3x((C4xQ2):C2);	(48,37,29,28) 4	C24:C2; (C3:C8):C2; C3xD16; (C2x(C3:C4)):C2;
(48,37,30,28) 1	C8xS3; D48; C2x(C3:C8); (C3:C4):C4; C12:C4; (C12xQ2):C2; (C3xD8):C2; (C2x(C3:C4)):C2; C3x((C4xQ2):C2); C3x(C4:C4); C24xQ2; C3xD16; C2xD24; D8xS3; C2x((C6xQ2):C2); C6xD8;	(48,37,36,26) 1	C3:C16; C48; (C4xC4):C3; C8xS3; C24:C2; C24:C2; D48; C3:Q16; C2x(C3:C8); (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xQ2):C2; (C3xD8):C2; (C3:C8):C2; (C3xQ8):C2; C3:Q16; (C2x(C3:C4)):C2; C12xC4; C3x((C4xQ2):C2); C3x(C4:C4); C24xQ2; C3x(C8:C2); C3xD16; C3xQD16; C3xQ16; C2.S4= SL(2,3).C2; GL(2,3); A4:C4; C4xA4; C2xSL(2,3); SL(2,3):C2; C2x(C3:Q8); C2xC4xS3; C2xD24; (C12xQ2):C2; D8xS3; (C2x(C3:C4)):C2; Q8xS3; (C4xS3):C2; C2xC2x(C3:C4); C2x((C6xQ2):C2); C6xD8; C12xC2xQ2; C6xD8; C6xQ8; C3x((C4xQ2):C2); C2xS4; C2xC2xA4; (C2xC2xC2xQ2):C3; C2xC2xC2xS3; C6xC2xC2xQ2;
(48,38,34,28) 1	(C4xC4):C3; C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xQ2):C2; (C3:C8):C2; (C3xQ8):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xQ2):C2); C3x(C4:C4); C3x(C8:C2); C3xQD16; GL(2,3); A4:C4; C4xA4; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xQ2):C2); C12xC2xQ2; C6xD8; C2xS4; C2xC2xA4; (C2xC2xC2xQ2):C3; C2xC2xC2xS3; C6xC2xC2xQ2;	(48,38,34,28) 2	(C4xC4):C3; C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C8):C2; (C3xQ8):C2; C12xC4; C3x(C8:C2); C3xQD16; GL(2,3); C2xD24; D8xS3; C2x((C6xQ2):C2); C6xD8; C2xS4;
(48,39,32,30) 1	C4xA4; C2xC2xA4;	(48,39,32,30) 2	C2xD24; D8xS3; C2x((C6xQ2):C2); C6xD8; C2xS4; C2xC2xA4;
(48,40,34,32) 1	C8xS3; D48; (C3xD8):C2; D8xS3; C2xS4;	(48,40,34,32) 2	C24:C2; D48; (C3xQ8):C2; (C4xS3):C2;
(48,40,34,32) 3	D48; (C3xD8):C2; C3xD16;	(48,40,34,32) 4	D48;
(48,40,34,32) 5	C4xA4; C2xC2xA4;	(48,40,34,32) 6	C2xD24; (C12xQ2):C2; D8xS3; (C2x(C3:C4)):C2; (C4xS3):C2; C2x((C6xQ2):C2); C6xD8; C3x((C4xQ2):C2); C2xS4; C2xC2xA4;
(48,40,34,32) 7	C2xD24; D8xS3; C2x((C6xQ2):C2); C6xD8; C2xS4; C2xC2xA4;	(48,40,34,32) 8	C2xD24;
(48,40,34,32) 9	(C12xQ2):C2; D8xS3; (C2x(C3:C4)):C2; C2x((C6xQ2):C2); C2xS4; C2xC2xA4;	(48,41,36,34) 1	C24:C2; D48; (C3xD8):C2; (C3:C8):C2; (C3xQ8):C2; C3xD16; C3xQD16; A4:C4; C4xA4; C2xD24; (C12xQ2):C2; D8xS3; (C2x(C3:C4)):C2; (C4xS3):C2; C2x((C6xQ2):C2); C6xD8; C3x((C4xQ2):C2); C2xS4; C2xC2xA4;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,41,36,34) 2	C2xD24; D8xS3; C2x((C6xC2):C2); C6xD8; C2xS4; C2xC2xA4;	(48,41,40,34) 1	C3:C16; C48; (C4xC4):C3; C8xS3; C24:C2; C24:C2; D48; C3:Q16; C2x(C3:C8); (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3xD8):C2; (C3:C8):C2; (C3xQ8):C2; C3:Q16; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C24xC2; C3x(C8:C2); C3xD16; C3xQD16; C3xQ16; C2.S4= SL(2,3).C2; GL(2,3); A4:C4; C4xA4; C2xSL(2,3); SL(2,3):C2; C2x(C3:Q8); C2xC4xS3; C2xD24; (C12xC2):C2; D8xS3; (C2x(C3:C4)):C2; Q8xS3; (C4xS3):C2; C2xC2x(C3:C4); C2x((C6xC2):C2); C6xD8; C12xC2xC2; C6xD8; C6xQ8; C3x((C4xC2):C2); C2xS4; C2xC2xA4; (C2xC2xC2xC2):C3; C2xC2xC2xS3; C6xC2xC2xC2;
(48,42,38,36) 1	(C4xC4):C3; C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3:C8):C2; (C3xQ8):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C3x(C8:C2); C3xQD16; GL(2,3); A4:C4; C4xA4; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xS4; C2xC2xA4; (C2xC2xC2xC2):C3; C2xC2xC2xS3; C6xC2xC2xC2;	(48,42,38,36) 2	C24:C2; D48; (C3xD8):C2; (C3:C8):C2; (C3xQ8):C2; C3xD16; C3xQD16; A4:C4; C4xA4; C2xD24; (C12xC2):C2; D8xS3; (C2x(C3:C4)):C2; (C4xS3):C2; C2x((C6xC2):C2); C6xD8; C3x((C4xC2):C2); C2xS4; C2xC2xA4;
(48,43,40,38) 1	(C4xC4):C3; C24:C2; C24:C2; (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3:C8):C2; (C3xQ8):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C3x(C8:C2); C3xQD16; GL(2,3); A4:C4; C4xA4; C2xC4xS3; C2xD24; D8xS3; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C2xS4; C2xC2xA4; (C2xC2xC2xC2):C3; C2xC2xC2xS3; C6xC2xC2xC2;	(48,43,42,38) 1	C3:C16; C48; C8xS3; C24:C2; C24:C2; D48; C3:Q16; C2x(C3:C8); (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3xD8):C2; (C3:C8):C2; (C3xQ8):C2; C3:Q16; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C24xC2; C3x(C8:C2); C3xD16; C3xQD16; C3xQ16; C2.S4= SL(2,3).C2; GL(2,3); A4:C4; C4xA4; C2xSL(2,3); SL(2,3):C2; C2x(C3:Q8); C2xC4xS3; C2xD24; (C12xC2):C2; D8xS3; (C2x(C3:C4)):C2; Q8xS3; (C4xS3):C2; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C6xQ8; C3x((C4xC2):C2); C2xS4; C2xC2xA4; C2xC2xC2xS3; C6xC2xC2xC2;

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(48,44,42,40) 1	(C4xC4):C3; C8xS3; C24:C2; C24:C2; D48; C2x(C3:C8); (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3xD8):C2; (C3:C8):C2; (C3xQ8):C2; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C24xC2; C3x(C8:C2); C3xD16; C3xQD16; GL(2,3); A4:C4; C4xA4; C2xSL(2,3); SL(2,3):C2; C2x(C3:Q8); C2xC4xS3; C2xD24; (C12xC2):C2; D8xS3; (C2x(C3:C4)):C2; Q8xS3; (C4xS3):C2; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C6xQ8; C3x((C4xC2):C2); C2xS4; C2xC2xA4; (C2xC2xC2xC2):C3; C2xC2xC2xS3; C6xC2xC2xC2;	(48,45,44,42) 1	C3:C16; C48; (C4xC4):C3; C8xS3; C24:C2; C24:C2; D48; C3:Q16; C2x(C3:C8); (C3:C8):C2; C4x(C3:C4); (C3:C4):C4; C12:C4; (C12xC2):C2; (C3xD8):C2; (C3:C8):C2; (C3xQ8):C2; C3:Q16; (C2x(C3:C4)):C2; C12xC4; C3x((C4xC2):C2); C3x(C4:C4); C24xC2; C3x(C8:C2); C3xD16; C3xQD16; C3xQ16; C2xSL(2,3); SL(2,3):C2; C2x(C3:Q8); C2xC4xS3; C2xD24; (C12xC2):C2; Q8xS3; (C4xS3):C2; C2xC2x(C3:C4); C2x((C6xC2):C2); C12xC2xC2; C6xD8; C6xQ8; C3x((C4xC2):C2); C2xS4; C2xC2xA4; (C2xC2xC2xC2):C3; C2xC2xC2xS3; C6xC2xC2xC2;
(50,25,24,12) 1	C5xD10; (C5xC5):C2; C10xC5;	(50,41,40,32) 1	D50; C50; C5xD10; (C5xC5):C2; C10xC5;
(52,12,4,2) 1	D52; C26xC2;	(52,12,4,2) 2	D52; C26xC2;
(52,12,4,2) 3	D52; C26xC2;	(52,12,4,2) 4	D52; C26xC2;
(52,13,4,2) 1	D52; C26xC2;	(52,13,4,2) 2	D52; C26xC2;
(52,13,4,2) 3	D52; C26xC2;	(52,13,4,2) 4	D52; C26xC2;
(52,13,4,2) 5	D52; C26xC2;	(52,13,4,2) 6	D52; C26xC2;
(52,13,4,2) 7	D52; C26xC2;	(52,13,4,2) 8	D52; C26xC2;
(52,15,11,2) 1	C13:C4; C52; C13:C4; D52; C26xC2;	(52,27,26,2) 1	C13:C4; C52; C13:C4; D52; C26xC2;
(52,37,33,24) 1	C13:C4; C52; C13:C4; D52; C26xC2;	(52,39,30,28) 1	D52; C26xC2;
(52,39,30,28) 2	D52; C26xC2;	(52,39,30,28) 3	D52; C26xC2;
(52,39,30,28) 4	D52; C26xC2;	(52,49,48,46) 1	C13:C4; C52; C13:C4; D52; C26xC2;
(54,21,12,4) 1	((C3xC3):C3):C2; (C9:C3):C2; ((C3xC3):C3):C2; C2x((C3xC3):C3); C2x(C9:C3);	(54,21,12,4) 2	((C3xC3):C3):C2; (C9:C3):C2; ((C3xC3):C3):C2; C2x((C3xC3):C3); C2x(C9:C3);
(54,24,12,9) 1	C2x((C3xC3):C3);	(54,24,12,9) 2	C2x((C3xC3):C3);
(54,27,15,12) 1	C2x((C3xC3):C3);	(54,27,15,12) 2	C2x((C3xC3):C3);
(54,29,16,12) 1	(C9:C3):C2; C3xC3xS3; C3x((C3xC3):C2); (C3xC3xC3):C2;	(54,33,24,16) 1	C9xS3; ((C3xC3):C3):C2; (C9:C3):C2; (C9xC3):C2; ((C3xC3):C3):C2; C2x((C3xC3):C3); C2x(C9:C3); C3xC3xS3; C3x((C3xC3):C2); (C3xC3xC3):C2;
(54,33,24,16) 2	C9xS3; (C9xC3):C2;	(54,33,24,16) 3	((C3xC3):C3):C2; (C9:C3):C2; ((C3xC3):C3):C2; C2x((C3xC3):C3); C2x(C9:C3);
(54,37,36,20) 1	D54; C54; C3xD18; C9xS3; ((C3xC3):C3):C2; (C9:C3):C2; (C9xC3):C2; ((C3xC3):C3):C2; C18xC3; C2x((C3xC3):C3); C2x(C9:C3); C3xC3xS3; C3x((C3xC3):C2); (C3xC3xC3):C2; C6xC3xC3;	(54,42,33,32) 1	C9xS3; (C9xC3):C2;
(54,42,33,32) 2	C9xS3; ((C3xC3):C3):C2; (C9:C3):C2; (C9xC3):C2; ((C3xC3):C3):C2; C2x((C3xC3):C3); C2x(C9:C3); C3xC3xS3; C3x((C3xC3):C2); (C3xC3xC3):C2;	(54,42,33,32) 3	((C3xC3):C3):C2; (C9:C3):C2; ((C3xC3):C3):C2; C2x((C3xC3):C3); C2x(C9:C3);

Продолжение на следующей странице

Таблица 2 – Продолжение предыдущей страницы

Набор параметров и номер неизоморфного графа	Структурные описания групп	Набор параметров и номер неизоморфного графа	Структурные описания групп
(54,42,33,32) 4	$((C3 \times C3):C3):C2;$ $(C9:C3):C2;$ $((C3 \times C3):C3):C2;$ $C2 \times ((C3 \times C3):C3);$ $C2 \times (C9:C3);$	(54,42,33,32) 5	$((C3 \times C3):C3):C2;$ $(C9:C3):C2;$ $((C3 \times C3):C3):C2;$ $C2 \times ((C3 \times C3):C3);$ $C2 \times (C9:C3);$
(54,45,39,36) 1	$((C3 \times C3):C3):C2;$ $(C9:C3):C2;$ $((C3 \times C3):C3):C2;$ $C2 \times ((C3 \times C3):C3);$ $C2 \times (C9:C3);$	(54,45,39,36) 2	$((C3 \times C3):C3):C2;$ $(C9:C3):C2;$ $((C3 \times C3):C3):C2;$ $C2 \times ((C3 \times C3):C3);$ $C2 \times (C9:C3);$
(54,49,48,44) 1	D54; C54; C3xD18; C9xS3; $((C3 \times C3):C3):C2;$ $(C9:C3):C2;$ $(C9 \times C3):C2;$ $((C3 \times C3):C3):C2;$ C18xC3; $C2 \times ((C3 \times C3):C3);$ $C2 \times (C9:C3);$ C3xC3xS3; C3x((C3xC3):C2); $(C3 \times C3 \times C3):C2;$ C6xC3xC3;	(55,22,9,5) 1	C11:C5;
(56,16,12,2) 1	C4xD14; D56; C2x(C7:C4); $(C14 \times C2):C2;$ C28xC2; C7xD8; $C2 \times C2 \times D14;$ C14xC2xC2;	(56,16,12,2) 2	C4xD14; D56; C2x(C7:C4); $(C14 \times C2):C2;$ C28xC2; C7xD8; C2xC2xD14; C14xC2xC2;
(56,16,12,2) 3	C4xD14; D56; $(C14 \times C2):C2;$ $C2 \times C2 \times D14;$	(56,16,12,2) 4	$C2 \times C2 \times D14;$
(56,28,14,12) 1	$(C2 \times C2 \times C2):C7;$	(56,28,14,12) 2	$(C2 \times C2 \times C2):C7;$
(56,28,14,12) 3	$(C2 \times C2 \times C2):C7;$	(56,28,14,12) 4	$(C2 \times C2 \times C2):C7;$
(56,28,14,12) 5	$(C2 \times C2 \times C2):C7;$	(56,29,28,2) 1	C7:C8; C56; C7:Q8; C4xD14; D56; C2x(C7:C4); $(C14 \times C2):C2;$ C28xC2; C7xD8; C7xQ8; C2xC2xD14; C14xC2xC2;
(56,40,36,26) 1	C4xD14; D56; C2x(C7:C4); $(C14 \times C2):C2;$ C28xC2; C7xD8; $C2 \times C2 \times D14;$ C14xC2xC2;	(56,40,36,26) 2	C4xD14; D56; C2x(C7:C4); $(C14 \times C2):C2;$ C28xC2; C7xD8; C2xC2xD14; C14xC2xC2;
(56,40,36,26) 3	C4xD14; D56; $(C14 \times C2):C2;$ $C2 \times C2 \times D14;$	(56,43,42,30) 1	C7:C8; C56; C7:Q8; C4xD14; D56; C2x(C7:C4); $(C14 \times C2):C2;$ C28xC2; C7xD8; C7xQ8; C2xC2xD14; C14xC2xC2;
(56,46,38,36) 1	$(C2 \times C2 \times C2):C7;$	(56,49,44,42) 1	C4xD14; D56; $(C14 \times C2):C2;$ $C2 \times C2 \times D14;$
(56,49,48,42) 1	C7:C8; C56; C7:Q8; C4xD14; D56; C2x(C7:C4); $(C14 \times C2):C2;$ C28xC2; C7xD8; C7xQ8; $(C2 \times C2 \times C2):C7;$ C2xC2xD14; C14xC2xC2;	(56,50,46,44) 1	C4xD14; D56; $(C14 \times C2):C2;$ $C2 \times C2 \times D14;$
(56,51,48,46) 1	C4xD14; D56; $(C14 \times C2):C2;$ $C2 \times C2 \times D14;$	(56,52,50,48) 1	C4xD14; D56; C2x(C7:C4); $(C14 \times C2):C2;$ C28xC2; C7xD8; $(C2 \times C2 \times C2):C7;$ $C2 \times C2 \times D14;$ C14xC2xC2;
(56,53,52,50) 1	C7:C8; C56; C7:Q8; C4xD14; D56; C2x(C7:C4); $(C14 \times C2):C2;$ C28xC2; C7xD8; C7xQ8; $(C2 \times C2 \times C2):C7;$ C2xC2xD14; C14xC2xC2;	(58,29,28,14) 1	D58; C58;

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