

Раскодировка Прюфера

По заданному коду Прюфера построить дерево, найти радиус r и диаметр d графа. Записать десятичную кодировку дерева с корнем в вершине 7.

Задача 8.1. *Бондаренко*

Андрей

3, 2, 1, 5, 8, 7, 6, 5, 10, 13,
10, 11, 12, 24, 21, 16, 11, 12,
13, 18, 23, 23

Задача 8.2. *Волошанин*

Даниил

6, 3, 2, 7, 6, 5, 10, 8, 13, 10,
11, 11, 12, 17, 21, 22, 22, 17,
12, 13, 14, 19

Задача 8.3. *Зубрильчев*

Даниил

1, 5, 3, 8, 10, 7, 6, 11, 14, 15,
11, 16, 18, 19, 16, 21, 21, 22,
22, 17, 18, 19

Задача 8.4. *Иванов*

Михаил

10, 11, 12, 8, 9, 9, 4, 3, 2, 1,
6, 7, 12, 17, 16, 21, 21, 16,
17, 18, 19, 24

Задача 8.5. *Котов*

Дмитрий

1, 6, 3, 8, 6, 5, 10, 8, 13, 11,
20, 21, 21, 16, 18, 17, 16, 11,
12, 13, 14, 19

Задача 8.6. *Лушинов*

Никита

8, 1, 2, 3, 7, 8, 13, 19, 10,
11, 18, 21, 16, 11, 6, 7, 12,
13, 18, 23, 18, 19

Задача 8.7. *Ничипорова*

Светлана

2, 1, 5, 9, 5, 6, 11, 18, 9, 8, 7,
6, 11, 16, 20, 18, 17, 16, 21,
21, 22, 23

Задача 8.8. *Осипова*

Татьяна

3, 1, 2, 3, 7, 7, 8, 17, 15, 10,
11, 12, 7, 8, 13, 22, 17, 18,
13, 14, 19, 24

Задача 8.9. *Петренко*

Валерия

2, 3, 4, 9, 5, 4, 3, 2, 6, 11, 12,
15, 22, 21, 16, 15, 10, 11, 12,
13, 18, 19

Задача 8.10. *Рясной-*

Бредихин Владимир

6, 7, 8, 9, 10, 11, 14, 11, 12,
13, 15, 16, 22, 21, 16, 11, 12,
7, 8, 13, 14, 19

Задача 8.11. *Тибанов*

Вячеслав

6, 2, 7, 9, 7, 14, 5, 6, 7, 12,
16, 13, 12, 17, 16, 21, 17, 22,
24, 21, 22, 23

Задача 8.12. *Уткин*

Артем

1, 6, 10, 4, 3, 8, 7, 11, 16,
19, 21, 20, 15, 16, 11, 6, 7,
12, 13, 14, 19, 24

Задача 8.13. *Шатравка*

Артем

6, 7, 4, 9, 10, 7, 8, 13, 14, 19,
15, 18, 18, 15, 10, 11, 12, 13,
18, 23, 22, 23

Задача 8.14. *Гервальд*

Владислав

3, 2, 1, 5, 10, 11, 12, 13, 14,
17, 15, 16, 17, 16, 15, 10, 11,
12, 13, 14, 19, 24