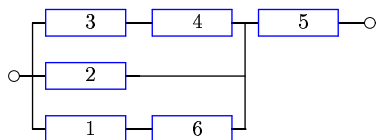


## Вероятность безотказной работы цепи

Найти вероятность безотказной работы функциональной цепи из независимых элементов. Дана вероятность безотказной работы каждого элемента.

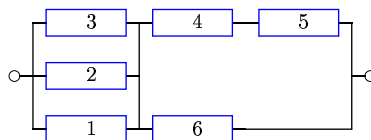
**Задача 29.1.** *Базанович Иван*



$$p_1 = 0.3, p_2 = 0.7, p_3 = 0.6,$$

$$p_4 = 0.8, p_5 = 0.2, p_6 = 0.7.$$

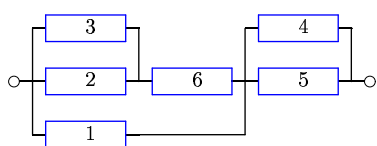
**Задача 29.2.** *Беленов Степан*



$$p_1 = 0.2, p_2 = 0.8, p_3 = 0.6,$$

$$p_4 = 0.9, p_5 = 0.6, p_6 = 0.9.$$

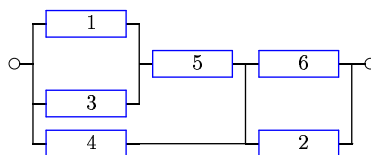
**Задача 29.3.** *Дони Владлен*



$$p_1 = 0.8, p_2 = 0.4, p_3 = 0.5,$$

$$p_4 = 0.9, p_5 = 0.3, p_6 = 0.8.$$

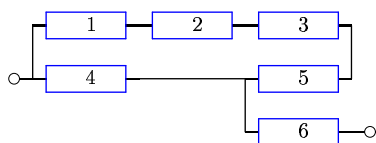
**Задача 29.4.** *Замашкин Валерий*



$$p_1 = 0.8, p_2 = 0.9, p_3 = 0.5,$$

$$p_4 = 0.2, p_5 = 0.5, p_6 = 0.2.$$

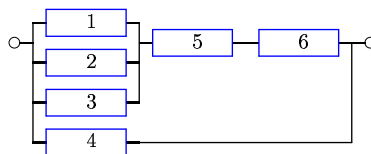
**Задача 29.5.** *Косоголов Алексей*



$$p_1 = 0.7, p_2 = 0.8, p_3 = 0.3,$$

$$p_4 = 0.3, p_5 = 0.9, p_6 = 0.6.$$

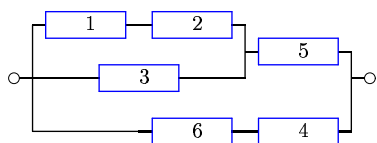
**Задача 29.6.** *Малышев Илья*



$$p_1 = 0.7, p_2 = 0.8, p_3 = 0.3,$$

$$p_4 = p_5 = 0.4, p_6 = 0.3.$$

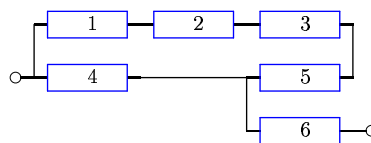
**Задача 29.7.** *Мордин Антон*



$$p_1 = 0.6, p_2 = 0.8, p_3 = 0.5,$$

$$p_4 = 0.3, p_5 = 0.4, p_6 = 0.3.$$

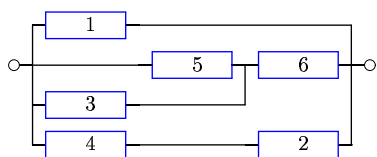
**Задача 29.8.** *Носенко Алексей*



$$p_1 = 0.4, p_2 = 0.7, p_3 = 0.3,$$

$$p_4 = 0.3, p_5 = 0.8, p_6 = 0.3.$$

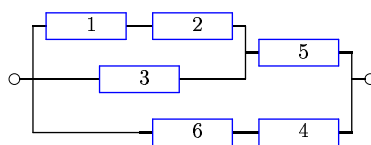
**Задача 29.9.** *Хурэлбаатар Очхуу*



$$p_1 = p_2 = 0.8, p_3 = 0.9,$$

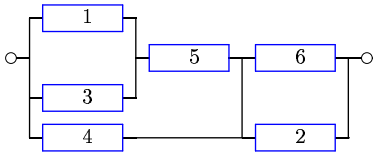
$$p_4 = p_5 = 0.6, p_6 = 0.3.$$

**Задача 29.10.** *Рейханов Людвиг*



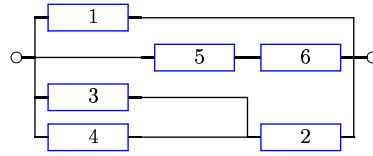
$$p_1 = 0.7, p_2 = 0.3, p_3 = 0.2,$$

$$p_4 = 0.4, p_5 = 0.8, p_6 = 0.9.$$

**Задача 29.11.***Стручков Юрий*

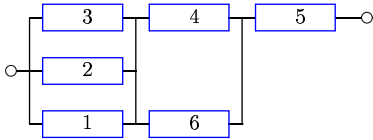
$$p_1 = 0.4, p_2 = 0.7, p_3 = 0.2,$$

$$p_4 = 0.7, p_5 = 0.2, p_6 = 0.1.$$

**Задача 29.12.***Учаев Роман*

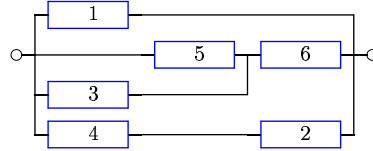
$$p_1 = 0.7, p_2 = 0.8, p_3 = 0.3,$$

$$p_4 = 0.8, p_5 = 0.2, p_6 = 0.6.$$

**Задача 29.13.***Шестаков Виктор*

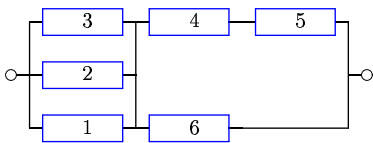
$$p_1 = 0.5, p_2 = 0.7, p_3 = 0.5,$$

$$p_4 = 0.2, p_5 = 0.3, p_6 = 0.2.$$

**Задача 29.14.***Пахомов В. А.*

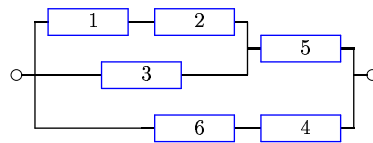
$$p_1 = p_2 = 0.4, p_3 = 0.2,$$

$$p_4 = 0.6, p_5 = 0.7, p_6 = 0.2.$$

**Задача 29.15.***Дагиянов О.*

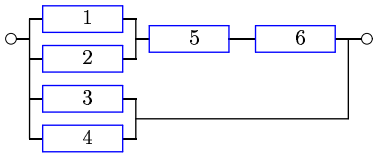
$$p_1 = 0.7, p_2 = 0.4, p_3 = 0.6,$$

$$p_4 = 0.3, p_5 = 0.2, p_6 = 0.1.$$

**Задача 29.16.***Ерзунов И.А.*

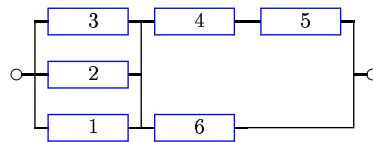
$$p_1 = p_2 = 0.7, p_3 = 0.4,$$

$$p_4 = 0.8, p_5 = 0.6, p_6 = 0.3.$$

**Задача 29.17.***Dai Qiao*

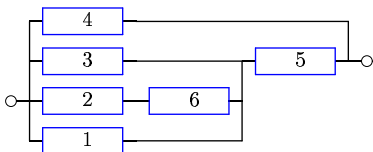
$$p_1 = 0.7, p_2 = 0.4, p_3 = 0.7,$$

$$p_4 = 0.6, p_5 = 0.2, p_6 = 0.7.$$

**Задача 29.18.***Арманду Э.*

$$p_1 = 0.9, p_2 = 0.3, p_3 = 0.8,$$

$$p_4 = 0.2, p_5 = 0.3, p_6 = 0.4.$$

**Задача 29.19.***Сунь Цзясюань*

$$p_1 = 0.6, p_2 = 0.4, p_3 = 0.2,$$

$$p_4 = p_5 = 0.9, p_6 = 0.5.$$