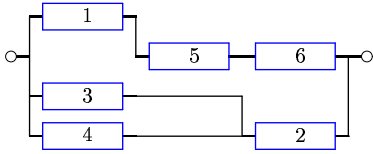


## Вероятность безотказной работы цепи

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

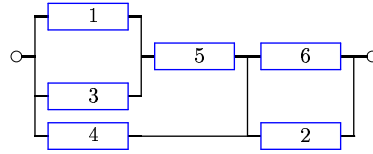
**Задача 29.1.** *Баханович Иван*



$$p_1 = 0.7, p_2 = 0.4, p_3 = 0.9,$$

$$p_4 = 0.9, p_5 = 0.4, p_6 = 0.3.$$

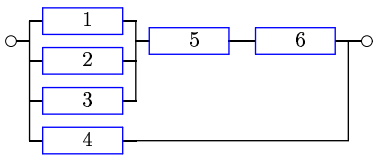
**Задача 29.2.** *Беленов Степан*



$$p_1 = 0.3, p_2 = 0.2, p_3 = 0.4,$$

$$p_4 = 0.4, p_5 = 0.5, p_6 = 0.7.$$

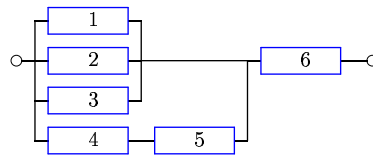
**Задача 29.3.** *Дони Владлен*



$$p_1 = 0.8, p_2 = 0.3, p_3 = 0.4,$$

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

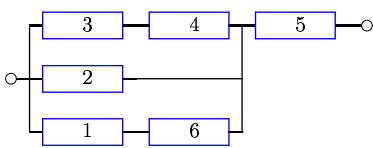
**Задача 29.4.** *Замашкин Валерий*



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

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

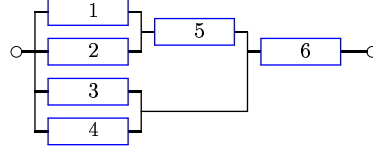
**Задача 29.5.** *Косогоров Алексей*



$$p_1 = 0.7, p_2 = 0.9, p_3 = 0.8,$$

$$p_4 = 0.5, p_5 = 0.3, p_6 = 0.2.$$

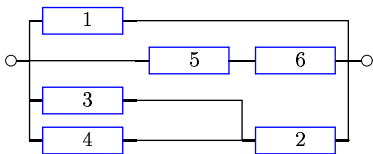
**Задача 29.6.** *Малышев Илья*



$$p_1 = 0.7, p_2 = 0.9, p_3 = 0.2,$$

$$p_4 = 0.3, p_5 = 0.9, p_6 = 0.2.$$

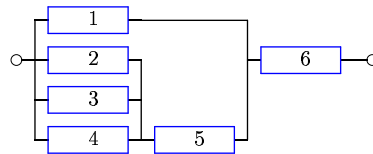
**Задача 29.7.** *Мордин Антон*



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

$$p_4 = 0.3, p_5 = 0.2, p_6 = 0.7.$$

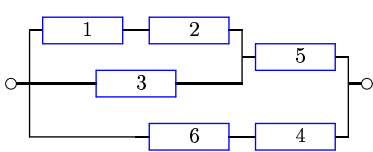
**Задача 29.8.** *Носенко Алексей*



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

$$p_4 = 0.4, p_5 = 0.7, p_6 = 0.6.$$

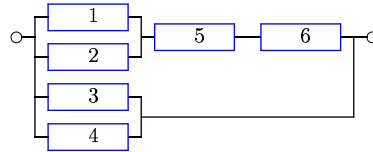
**Задача 29.9.** *Пахомова Светлана*



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

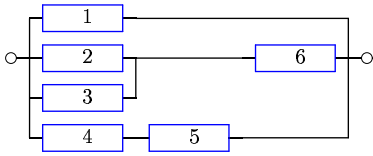
$$p_4 = 0.2, p_5 = 0.4, p_6 = 0.5.$$

**Задача 29.10.** *Рейханов Людвиг*



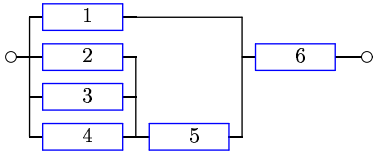
$$p_1 = p_2 = 0.6, p_3 = 0.9,$$

$$p_4 = 0.7, p_5 = 0.9, p_6 = 0.4.$$

**Задача 29.11.***Стручков Юрий*

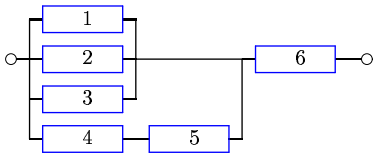
$$p_1 = 0.3, p_2 = 0.4, p_3 = 0.8,$$

$$p_4 = 0.7, p_5 = 0.4, p_6 = 0.3.$$

**Задача 29.13.***Учаев Роман*

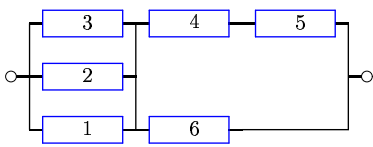
$$p_1 = 0.5, p_2 = 0.3, p_3 = 0.2,$$

$$p_4 = 0.3, p_5 = 0.2, p_6 = 0.9.$$

**Задача 29.15.***Пахомов В.*

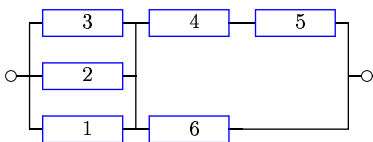
$$p_1 = 0.6, p_2 = 0.5, p_3 = 0.7,$$

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

**Задача 29.17.***Ерзунов*

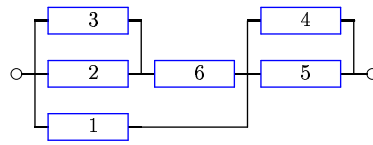
$$p_1 = 0.2, p_2 = 0.6, p_3 = 0.2,$$

$$p_4 = 0.2, p_5 = 0.3, p_6 = 0.5.$$

**Задача 29.19.***Арманду Э.*

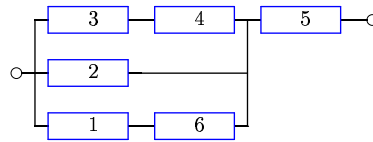
$$p_1 = 0.8, p_2 = 0.5, p_3 = 0.9,$$

$$p_4 = 0.6, p_5 = 0.5, p_6 = 0.6.$$

**Задача 29.12.***Тимофеева Татьяна*

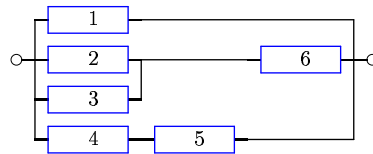
$$p_1 = 0.4, p_2 = 0.3, p_3 = 0.4,$$

$$p_4 = 0.9, p_5 = 0.5, p_6 = 0.3.$$

**Задача 29.14.***Шестаков Виктор*

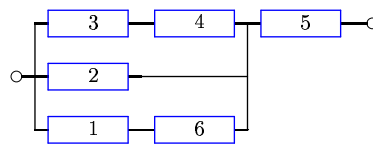
$$p_1 = 0.9, p_2 = 0.4, p_3 = 0.2,$$

$$p_4 = 0.8, p_5 = 0.5, p_6 = 0.8.$$

**Задача 29.16.***Дагьянов О*

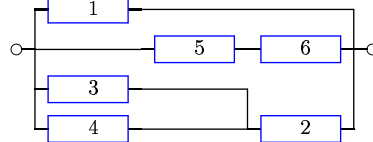
$$p_1 = 0.2, p_2 = 0.7, p_3 = 0.8,$$

$$p_4 = 0.7, p_5 = 0.3, p_6 = 0.4.$$

**Задача 29.18.***Dai Qiao*

$$p_1 = 0.5, p_2 = 0.9, p_3 = 0.2,$$

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

**Задача 29.20.***Сунь Цзясюань*

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

$$p_4 = 0.4, p_5 = 0.2, p_6 = 0.9.$$