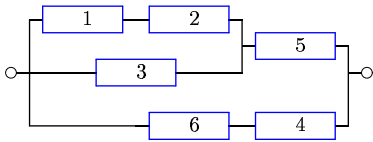


## Вероятность безотказной работы цепи

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

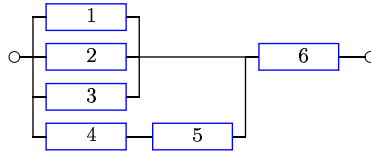
**Задача 29.1.** *Алешин Владислав Александрович*



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

$$p_4 = 0.6, p_5 = 0.9, p_6 = 0.8.$$

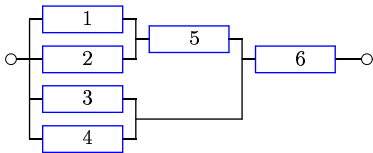
**Задача 29.2.** *Андреев Данил Романович*



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

$$p_4 = 0.4, p_5 = 0.3, p_6 = 0.5.$$

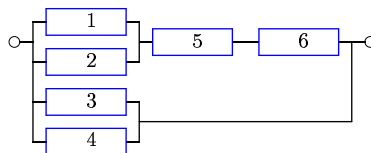
**Задача 29.3.** *Власов Владимир Михайлович*



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

$$p_4 = 0.5, p_5 = 0.7, p_6 = 0.2.$$

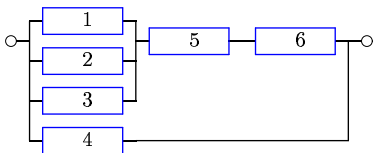
**Задача 29.4.** *Глазков Никита Владимирович*



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

$$p_4 = 0.3, p_5 = 0.4, p_6 = 0.8.$$

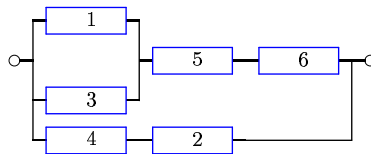
**Задача 29.5.** *Гриневич Илья Константинович*



$$p_1 = 0.6, p_2 = 0.2, p_3 = 0.9,$$

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

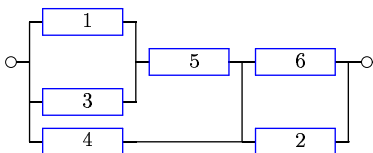
**Задача 29.6.** *Ершов Никита Сергеевич*



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

$$p_4 = 0.2, p_5 = 0.8, p_6 = 0.4.$$

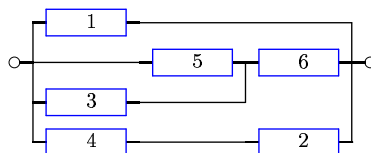
**Задача 29.7.** *Зыза Анастасия Олеговна*



$$p_1 = 0.8, p_2 = 0.9, p_3 = 0.6,$$

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

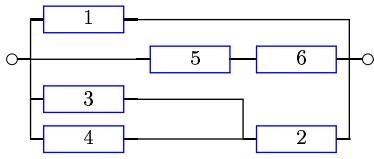
**Задача 29.8.** *Ирха Кирилл Вадимович*



$$p_1 = 0.9, p_2 = 0.6, p_3 = 0.5,$$

$$p_4 = 0.5, p_5 = 0.7, p_6 = 0.9.$$

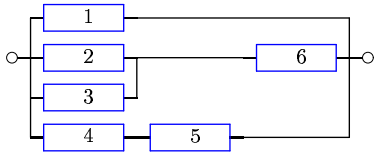
**Задача 29.9.** Кундиус Егор Евгеньевич



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

$$p_4 = 0.3, p_5 = 0.8, p_6 = 0.4.$$

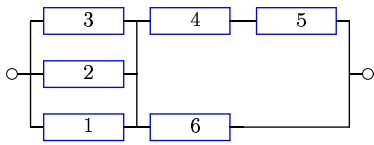
**Задача 29.11.** Мазур Илья Викторович



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

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

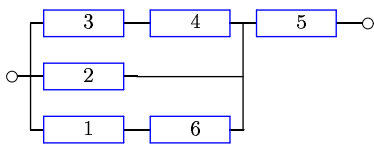
**Задача 29.13.** Обухов Семен Денисович



$$p_1 = 0.6, p_2 = 0.7, p_3 = 0.8,$$

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

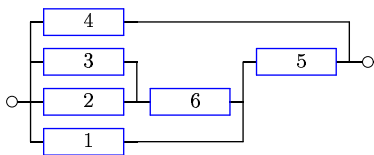
**Задача 29.15.** Селиванов Александр Михайлович



$$p_1 = 0.8, p_2 = 0.2, p_3 = 0.4,$$

$$p_4 = 0.7, p_5 = 0.8, p_6 = 0.4.$$

**Задача 29.17.** Сухов Александр Александрович



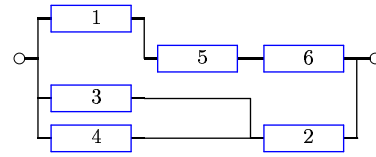
$$p_1 = p_2 = 0.2, p_3 = 0.1,$$

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

**Задача 29.10.**

Луценко Петр

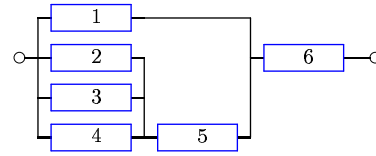
Викторович



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

$$p_4 = 0.6, p_5 = 0.2, p_6 = 0.5.$$

**Задача 29.12.** Нечаева Полина Игоревна



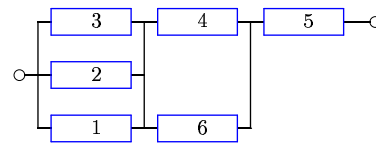
$$p_1 = 0.5, p_2 = 0.8, p_3 = 0.9,$$

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

**Задача 29.14.**

Плеханов Артем

Дмитриевич



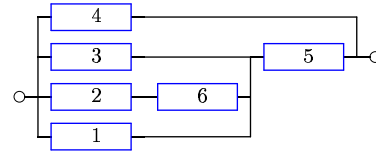
$$p_1 = p_2 = 0.7, p_3 = 0.5,$$

$$p_4 = 0.6, p_5 = 0.7, p_6 = 0.3.$$

**Задача 29.16.**

Ступак Александра

Алексеевна



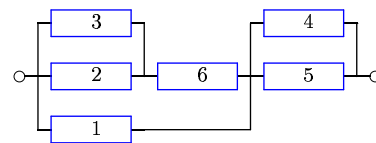
$$p_1 = 0.9, p_2 = 0.6, p_3 = 0.4,$$

$$p_4 = 0.5, p_5 = 0.7, p_6 = 0.8.$$

**Задача 29.18.**

Терехова Маргарита

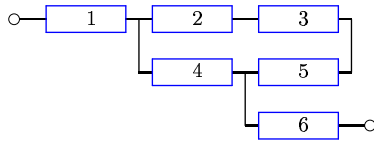
Александровна



$$p_1 = 0.3, p_2 = 0.6, p_3 = 0.5,$$

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

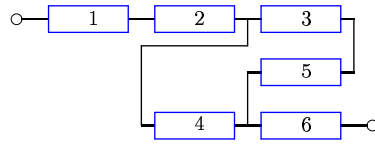
**Задача 29.19.** Фернанду Марселину Жулиу



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

$$p_4 = 0.9, p_5 = 0.8, p_6 = 0.2.$$

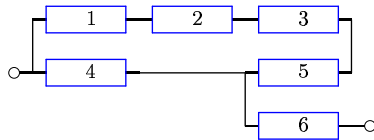
**Задача 29.20.** Хименес Мендиета Хулио Сэсар



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

$$p_4 = 0.5, p_5 = 0.9, p_6 = 0.6.$$

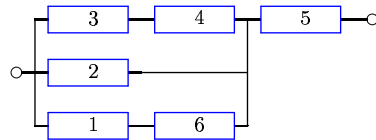
**Задача 29.21.** Шаповалов Андрей Евгеньевич



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

$$p_4 = 0.5, p_5 = 0.7, p_6 = 0.6.$$

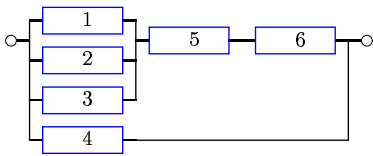
**Задача 29.22.** Шаповалова Мария Евгеньевна



$$p_1 = 0.7, p_2 = 0.4, p_3 = 0.5,$$

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

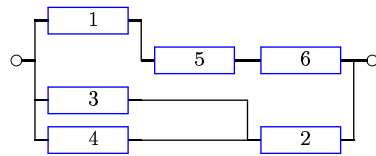
**Задача 29.23.**



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

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

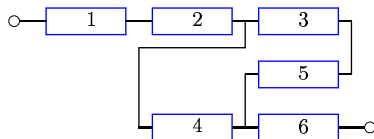
**Задача 29.24.**



$$p_1 = 0.9, p_2 = 0.6, p_3 = 0.4,$$

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

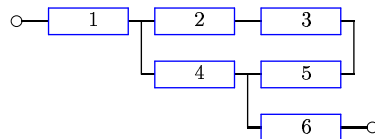
**Задача 29.25.**



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

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

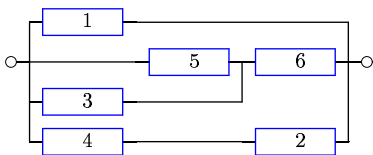
**Задача 29.26.**



$$p_1 = 0.8, p_2 = 0.2, p_3 = 0.1,$$

$$p_4 = 0.9, p_5 = 0.7, p_6 = 0.3.$$

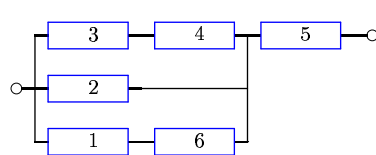
**Задача 29.27.**



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

$$p_4 = 0.6, p_5 = 0.4, p_6 = 0.9.$$

**Задача 29.28.**



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

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