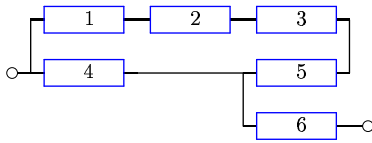


Вероятность безотказной работы цепи

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

Задача L-29.1.

Ахметов Данис

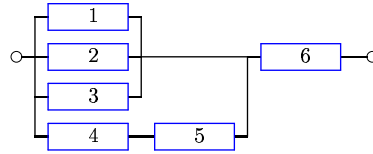


$$p_1 = p_2 = 0.2, p_3 = 0.9,$$

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

Задача L-29.2.

Васильков Илья

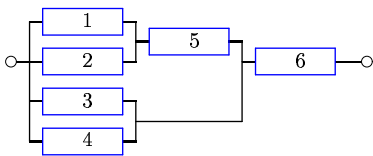


$$p_1 = 0.3, p_2 = 0.2, p_3 = 0.4,$$

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

Задача L-29.3.

Васильченко Данил

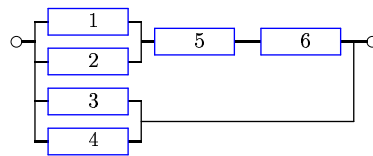


$$p_1 = 0.4, p_2 = 0.3, p_3 = 0.2,$$

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

Задача L-29.4.

Егоров Сергей

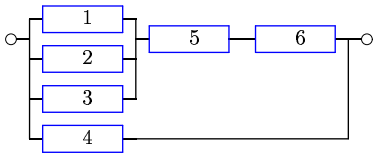


$$p_1 = 0.5, p_2 = 0.4, p_3 = 0.3,$$

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

Задача L-29.5.

Жуков Андрей

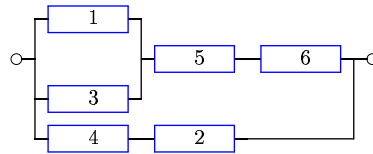


$$p_1 = 0.6, p_2 = 0.5, p_3 = 0.4,$$

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

Задача L-29.6.

Иванова Дарья

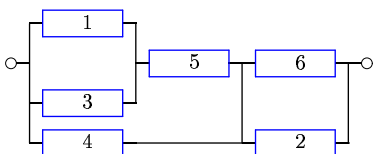


$$p_1 = 0.7, p_2 = 0.6, p_3 = 0.5,$$

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

Задача L-29.7.

Компанеев Кирилл

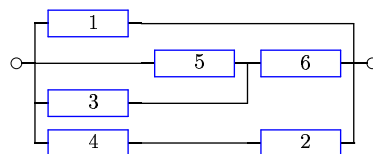


$$p_1 = 0.8, p_2 = 0.7, p_3 = 0.6,$$

$$p_4 = 0.7, p_5 = 0.9, p_6 = 0.8.$$

Задача L-29.8.

Овчаренко Ульяна

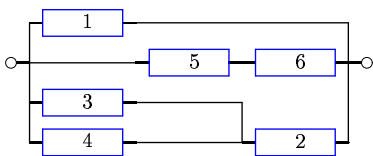


$$p_1 = 0.9, p_2 = 0.8, p_3 = 0.7,$$

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

Задача L-29.9.

Петриченко Елизавета

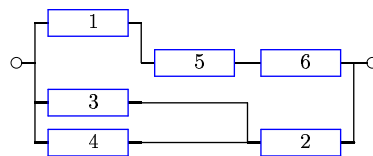


$$p_1 = 0.8, p_2 = 0.9, p_3 = 0.8,$$

$$p_4 = 0.6, p_5 = 0.4, p_6 = 0.3.$$

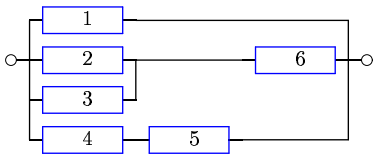
Задача L-29.10.

Разананирина Ранди



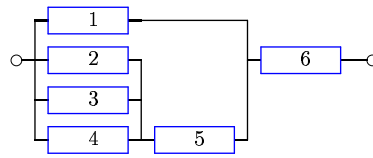
$$p_1 = 0.9, p_2 = 0.7, p_3 = 0.9,$$

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

Задача L-29.11.*Скулова Полина*

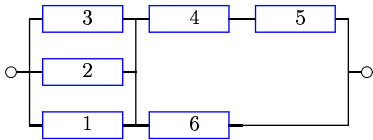
$$p_1 = 0.8, p_2 = 0.3, p_3 = 0.7,$$

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

Задача L-29.12.*Широков Александр*

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

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

Задача L-29.13.

$$p_1 = 0.6, p_2 = 0.3, p_3 = 0.2,$$

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