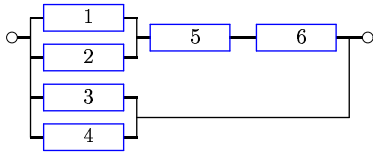


# Вероятность безотказной работы цепи

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

## Задача L-29.1.

*Айсин Т.В.*

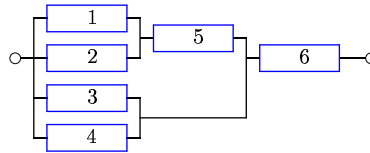


$$p_1 = 0.2, p_2 = 0.3, p_3 = 0.8,$$

$$p_4 = 0.6, p_5 = 0.3, p_6 = 0.2.$$

## Задача L-29.2.

*Афанасьев В.А.*

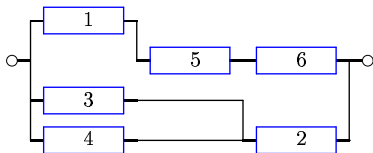


$$p_1 = 0.3, p_2 = 0.2, p_3 = 0.1,$$

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

## Задача L-29.3.

*Бадертдинов Р.Р.*

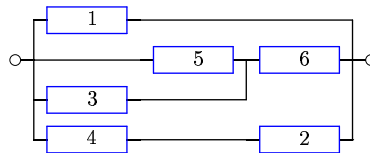


$$p_1 = 0.3, p_2 = 0.8, p_3 = 0.6,$$

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

## Задача L-29.4.

*Бойко О.О.*

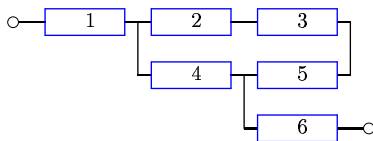


$$p_1 = 0.6, p_2 = 0.9, p_3 = 0.5,$$

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

## Задача L-29.5.

*Дегтярев Н.Р.*

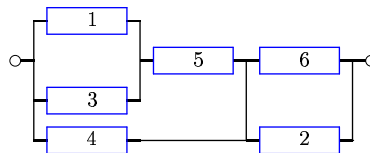


$$p_1 = 0.3, p_2 = 0.4, p_3 = 0.3,$$

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

## Задача L-29.6.

*Евстигнеев Д.Е.*

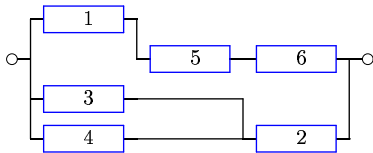


$$p_1 = 0.7, p_2 = 0.6, p_3 = 0.9,$$

$$p_4 = 0.8, p_5 = 0.7, p_6 = 0.6.$$

## Задача L-29.7.

*Жаборовская К.*

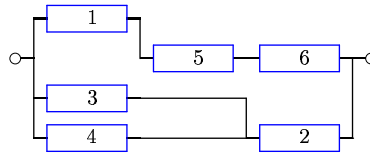


$$p_1 = 0.8, p_2 = 0.3, p_3 = 0.7,$$

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

## Задача L-29.8.

*Зимичев В.К.*

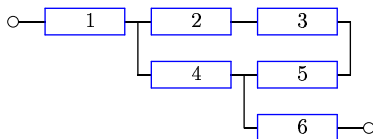


$$p_1 = 0.6, p_2 = 0.2, p_3 = 0.1,$$

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

## Задача L-29.9.

*Китаев С.С.*

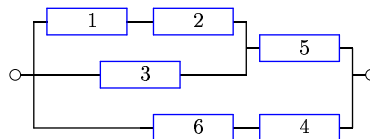


$$p_1 = 0.7, p_2 = 0.4, p_3 = 0.3,$$

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

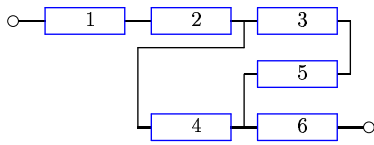
## Задача L-29.10.

*Ковалёв Р.В.*



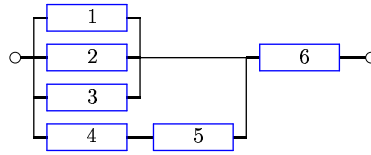
$$p_1 = 0.5, p_2 = 0.9, p_3 = 0.3,$$

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

**Задача L-29.11.***Павлов Д.М.*

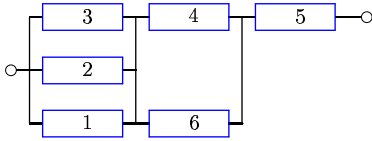
$$p_1 = 0.5, p_2 = 0.2, p_3 = 0.4,$$

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

**Задача L-29.12.***Сайтулаев Г.Р.*

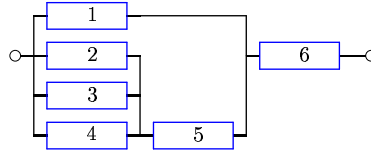
$$p_1 = 0.4, p_2 = 0.8, p_3 = 0.6,$$

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

**Задача L-29.13.***Семенова Г.Д.*

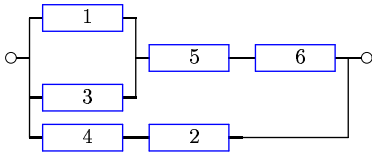
$$p_1 = 0.5, p_2 = 0.6, p_3 = 0.4,$$

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

**Задача L-29.14.***Троцило А.П*

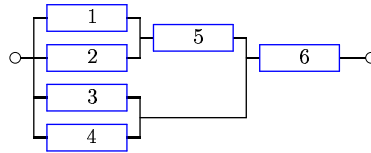
$$p_1 = 0.7, p_2 = 0.8, p_3 = 0.7,$$

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

**Задача L-29.15.***Циммерман А.О*

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

$$p_4 = 0.7, p_5 = 0.9, p_6 = 0.6.$$

**Задача L-29.16.***Яцков В.Б.*

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

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