

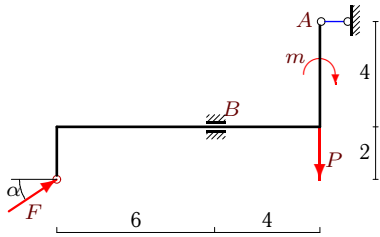
Равновесие рамы

Определить реакции опор рамы; $\cos \alpha = 0.8$.

Кирсанов М.Н. **Решебник. Теоретическая механика**/Под ред. А. И. Кириллова.– М.: ФИЗМАТЛИТ, 2008. — 384 с. (с.54.)

Задача 29.1.

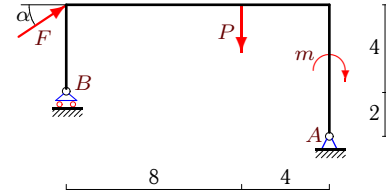
Бойко Сергей



$F = 15 \text{ кН}, P = 18 \text{ кН}, m = 7 \text{ кНм}.$

Задача 29.2.

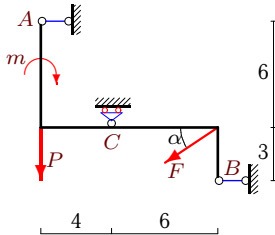
Борькин Иван



$F = 60 \text{ кН}, P = 1 \text{ кН}, m = 4 \text{ кНм}.$

Задача 29.3.

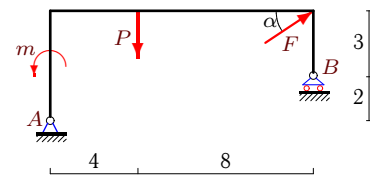
Егоров Дмитрий



$F = 45 \text{ кН}, P = 2 \text{ кН}, m = 8 \text{ кНм}.$

Задача 29.4.

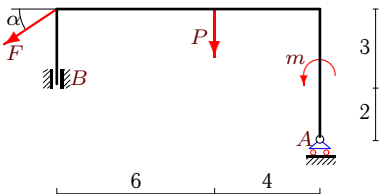
Зайцев Денис



$F = 30 \text{ кН}, P = 1 \text{ кН}, m = 4 \text{ кНм}.$

Задача 29.5.

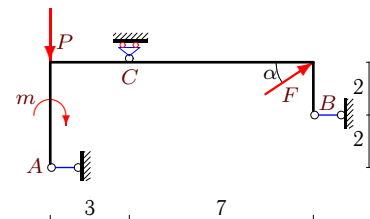
Киселев Максим



$F = 20 \text{ кН}, P = 3 \text{ кН}, m = 4 \text{ кНм}.$

Задача 29.6.

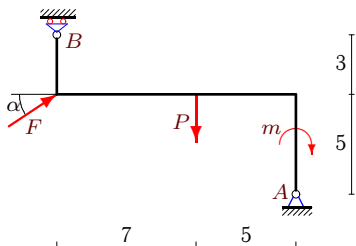
Коротков Александр



$F = 10 \text{ кН}, P = 2 \text{ кН}, m = 6 \text{ кНм}.$

Задача 29.7.

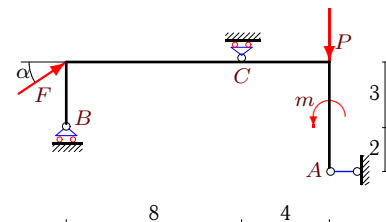
Леонов Всеслав



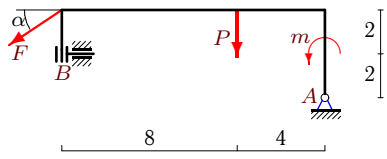
$F = 60 \text{ кН}, P = 5 \text{ кН}, m = 25 \text{ кНм}.$

Задача 29.8.

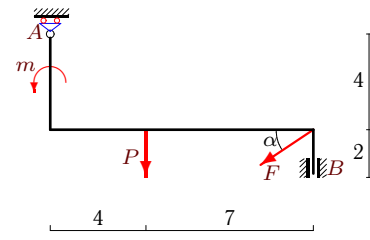
Орлов Максим



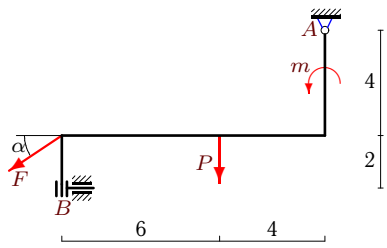
$F = 80 \text{ кН}, P = 3 \text{ кН}, m = 12 \text{ кНм}.$

Задача 29.9.*Пупыкин Евгений*

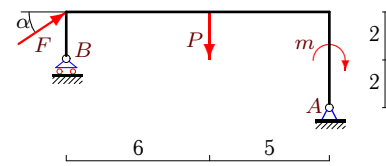
$$F = 35 \text{ кН}, P = 5 \text{ кН}, m = 16 \text{ кНм.}$$

Задача 29.10.*Сахнова Анна*

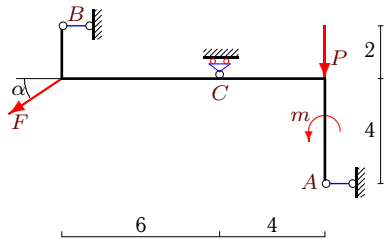
$$F = 15 \text{ кН}, P = 5 \text{ кН}, m = 5 \text{ кНм.}$$

Задача 29.11.*Хоменко Михаил*

$$F = 30 \text{ кН}, P = 2 \text{ кН}, m = 3 \text{ кНм.}$$

Задача 29.12.*Щукин Сергей*

$$F = 55 \text{ кН}, P = 6 \text{ кН}, m = 30 \text{ кНм.}$$

Задача 29.13.*Петрова Инга*

$$F = 15 \text{ кН}, P = 1 \text{ кН}, m = 4 \text{ кНм.}$$