

Равновесие рамы

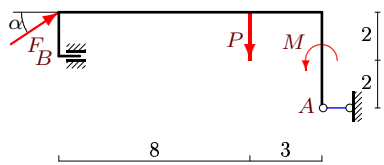
Определить реакции опор рамы.

Кирсанов М.Н. Задачи по теоретической механике с решениями в Maple 11. – М.:

ФИЗМАТЛИТ, 2010. – 264 с. (с.10)

Задача S-29.1.

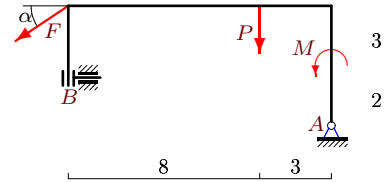
Аленичев Вячеслав



$$F = 25 \text{ кН}, P = 2 \text{ кН}, M = 7 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.2.

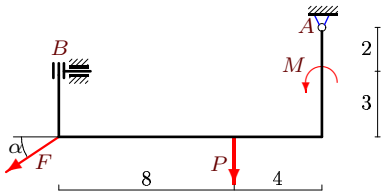
Андреев Игорь Владимирович



$$F = 35 \text{ кН}, P = 1 \text{ кН}, M = 6 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.3.

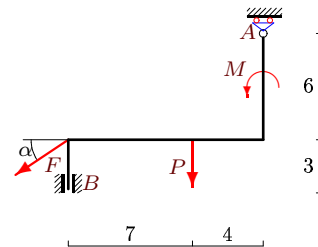
Бастрыгин Андрей Сергеевич



$$F = 70 \text{ кН}, P = 3 \text{ кН}, M = 17 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.4.

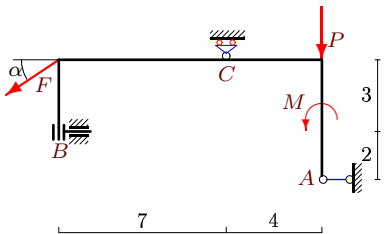
Белянкин Никита Андреевич



$$F = 20 \text{ кН}, P = 3 \text{ кН}, M = 7 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.5.

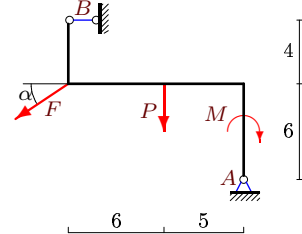
Бойко Андрей Юрьевич



$$F = 15 \text{ кН}, P = 2 \text{ кН}, M = 8 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.6.

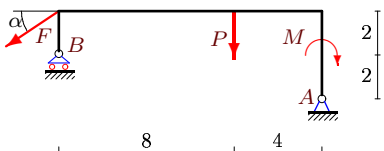
Горбунова Алиса



$$F = 50 \text{ кН}, P = 4 \text{ кН}, M = 20 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.7.

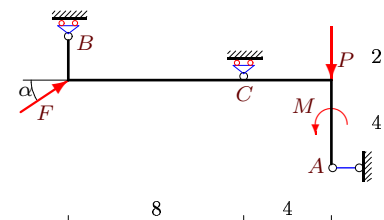
Иванова Любовь Сергеевна



$$F = 60 \text{ кН}, P = 3 \text{ кН}, M = 12 \text{ кНм}, \cos \alpha = 0.8.$$

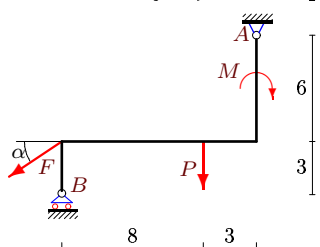
Задача S-29.8.

Коржова Валерия



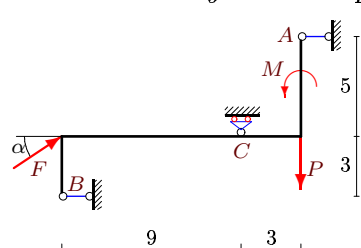
$$F = 20 \text{ кН}, P = 1 \text{ кН}, M = 4 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.9. Лафицкова Марина Геннадьевна



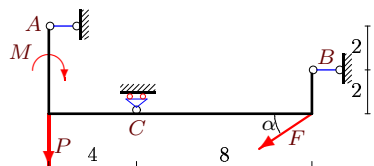
$$F = 55 \text{ кН}, P = 1 \text{ кН}, M = 3 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.11. Лукина Валерия Сергеевна



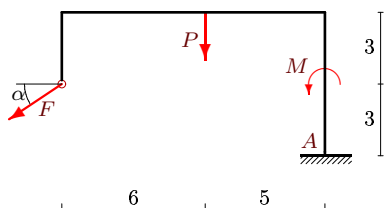
$$F = 40 \text{ кН}, P = 1 \text{ кН}, M = 3 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.13. Никитина Анастасия Сергеевна



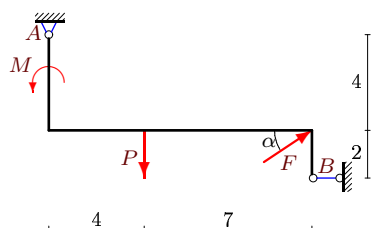
$$F = 10 \text{ кН}, P = 3 \text{ кН}, M = 12 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.15. Семенов Иван Сергеевич



$$F = 30 \text{ кН}, P = 5 \text{ кН}, M = 7 \text{ кНм}, \cos \alpha = 0.8.$$

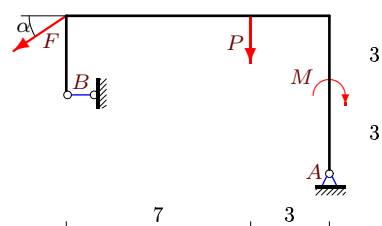
Задача S-29.17. Трушкин Евгений



$$F = 30 \text{ кН}, P = 5 \text{ кН}, M = 20 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.10.

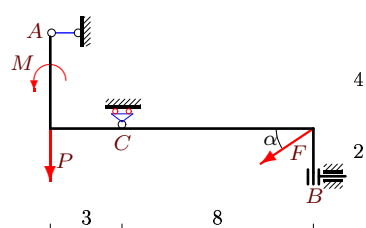
Лепетюха Варвара



$$F = 15 \text{ кН}, P = 1 \text{ кН}, M = 3 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.12.

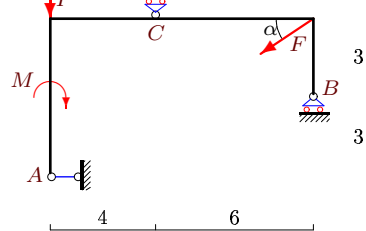
Мамедов Шахмар



$$F = 25 \text{ кН}, P = 4 \text{ кН}, M = 15 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.14.

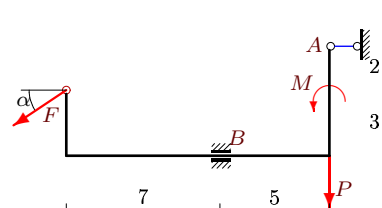
Подмосковная Валерия



$$F = 20 \text{ кН}, P = 1 \text{ кН}, M = 4 \text{ кНм}, \cos \alpha = 0.8.$$

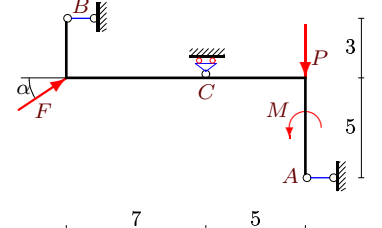
Задача S-29.16.

Ткачук Георгий Николаевич



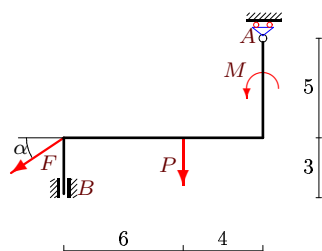
$$F = 15 \text{ кН}, P = 15 \text{ кН}, M = 7 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.18.



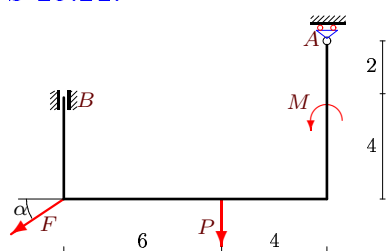
$$F = 40 \text{ кН}, P = 3 \text{ кН}, M = 15 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.19.



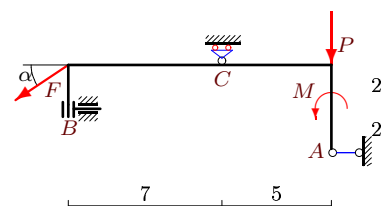
$$F = 15 \text{ кН}, P = 4 \text{ кН}, M = 4 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.21.



$$F = 20 \text{ кН}, P = 2 \text{ кН}, M = 5 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-29.20.



$$F = 25 \text{ кН}, P = 6 \text{ кН}, M = 22 \text{ кНм}, \cos \alpha = 0.8.$$