

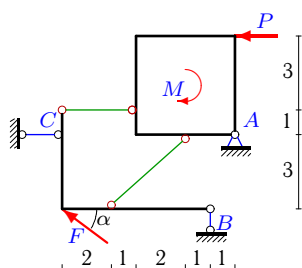
Конструкция из пластины и уголка

Конструкция состоит из прямоугольной пластины и жесткого уголка, изогнутого под прямым углом. Тела соединены двумя невесомыми стержнями. Определить реакции опор конструкции (в кН). Размеры даны в метрах.

Кирсанов М.Н. Задачи по теоретической механике с решениями в **Maple** 11. – М.: ФИЗМАТЛИТ, 2010. – 264 с. (с.15)

Задача S-31.1.

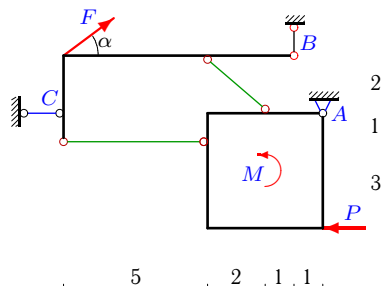
Абалин Максим



$$F = 5 \text{ кН}, P = 2 \text{ кН}, M = 8 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.2.

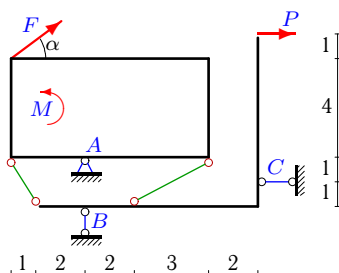
Абдулвалиев Роман



$$F = 5 \text{ кН}, P = 2 \text{ кН}, M = 8 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.3.

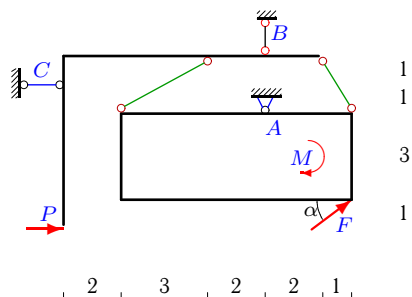
Антонова Вера



$$F = 5 \text{ кН}, P = 3 \text{ кН}, M = 22 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.4.

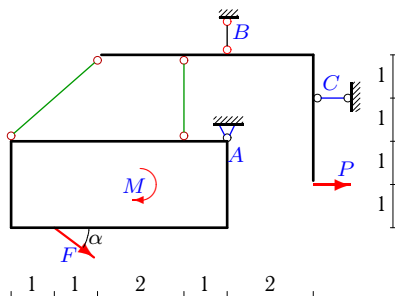
Большаков Павел



$$F = 5 \text{ кН}, P = 4 \text{ кН}, M = 23 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.5.

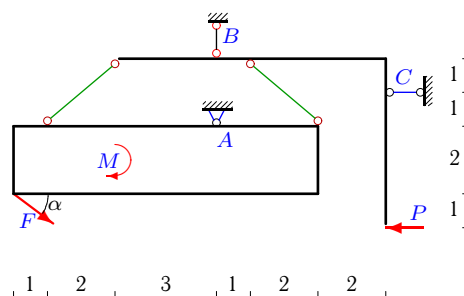
Воропай Руслан



$$F = 5 \text{ кН}, P = 2 \text{ кН}, M = 19 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.6.

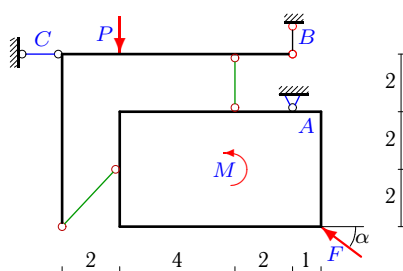
Ершов Леонид



$$F = 10 \text{ кН}, P = 2 \text{ кН}, M = 51 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.7.

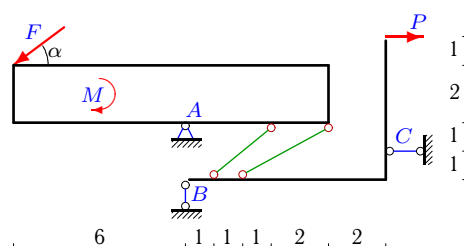
Загородний Константин



$$F = 5 \text{ кН}, P = 6 \text{ кН}, M = 13 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.8.

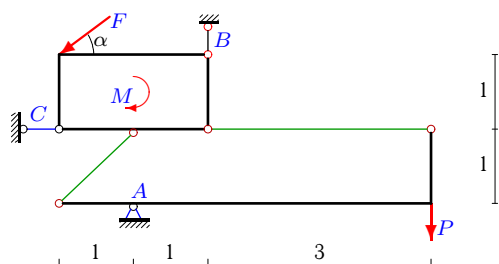
Казбаев Владимир



$$F = 10 \text{ кН}, P = 1 \text{ кН}, M = 53 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.9.

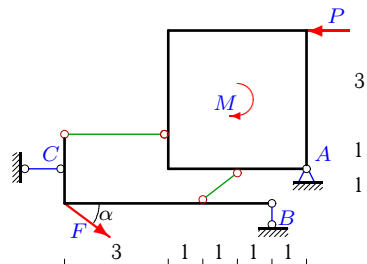
Кириенко Дмитрий



$$F = 10 \text{ кН}, P = 5 \text{ кН}, M = 6 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.10.

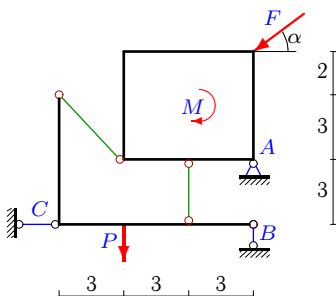
Китайкина Ирина



$$F = 5 \text{ кН}, P = 2 \text{ кН}, M = 8 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.11.

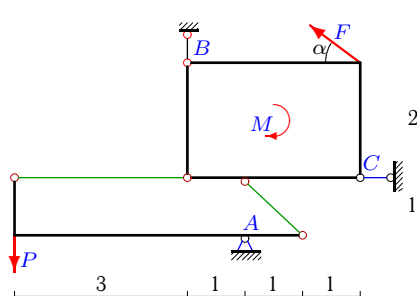
Косарева Елена



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

Задача S-31.12.

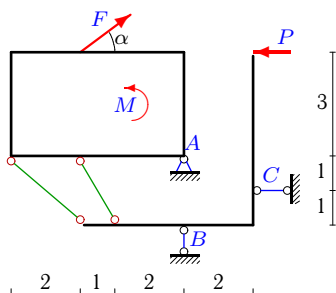
Костин Андрей



$$F = 15 \text{ кН}, P = 1 \text{ кН}, M = 18 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.13.

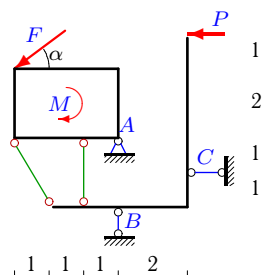
Любчик Владислав



$$F = 15 \text{ кН}, P = 2 \text{ кН}, M = 61 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.14.

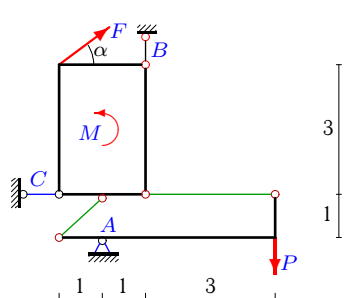
Маслов Владислав



$$F = 10 \text{ кН}, P = 4 \text{ кН}, M = 35 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.15.

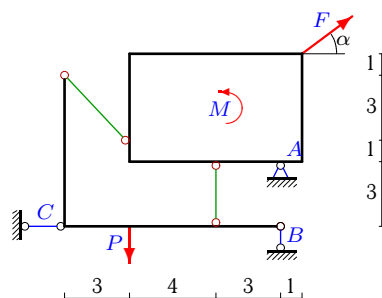
Матвеев Александр



$$F = 20 \text{ кН}, P = 11 \text{ кН}, M = 12 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.16.

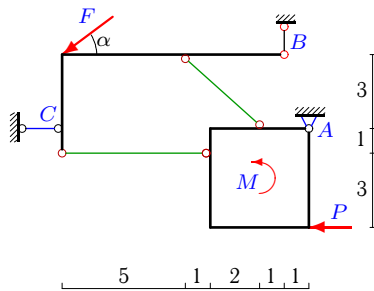
Пиценко Денис



$$F = 15 \text{ кН}, P = 12 \text{ кН}, M = 51 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.17.

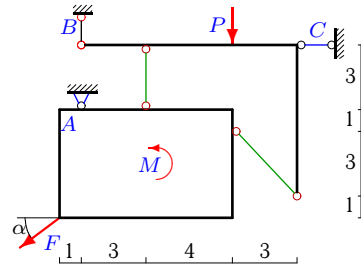
Плешанова Анна



$$F = 25 \text{ кН}, P = 3 \text{ кН}, M = 12 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.18.

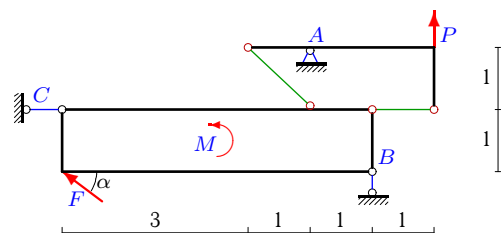
Родионова Варвара



$$F = 20 \text{ кН}, P = 3 \text{ кН}, M = 68 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.19.

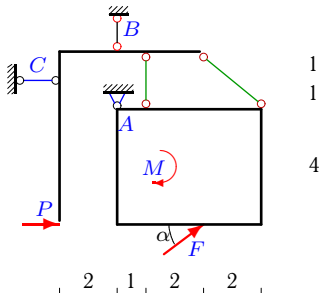
Сулименко Данил



$$F = 5 \text{ кН}, P = 2 \text{ кН}, M = 12 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.20.

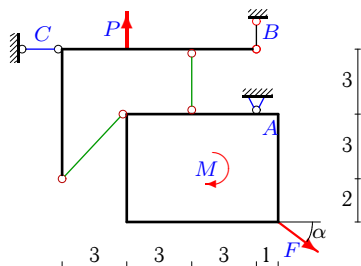
Сысолетин Иван



$$F = 20 \text{ кН}, P = 2 \text{ кН}, M = 103 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.21.

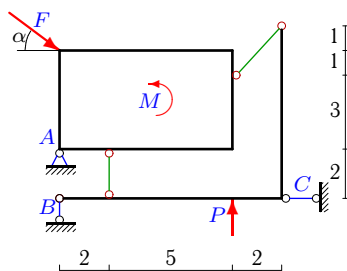
Фомичев Кирилл



$$F = 25 \text{ кН}, P = 3 \text{ кН}, M = 85 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.22.

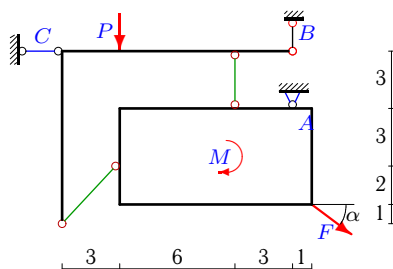
Шпагина Юлия



$$F = 5 \text{ кН}, P = 2 \text{ кН}, M = 16 \text{ кНм}, \cos \alpha = 0.8.$$

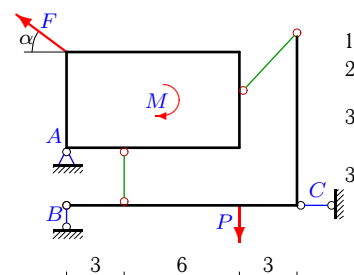
Задача S-31.23.

Щеглов Иван



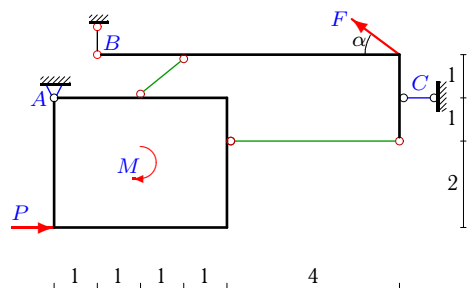
$$F = 5 \text{ кН}, P = 3 \text{ кН}, M = 17 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.24.



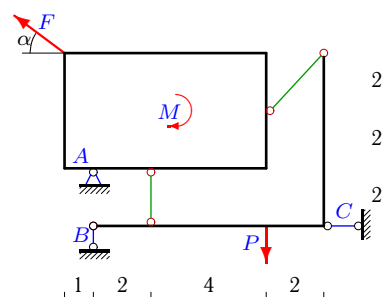
$$F = 5 \text{ кН}, P = 12 \text{ кН}, M = 20 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.25.



$$F = 5 \text{ кН}, P = 1 \text{ кН}, M = 3 \text{ кНм}, \cos \alpha = 0.8.$$

Задача S-31.26.



$$F = 10 \text{ кН}, P = 1 \text{ кН}, M = 26 \text{ кНм}, \cos \alpha = 0.8.$$