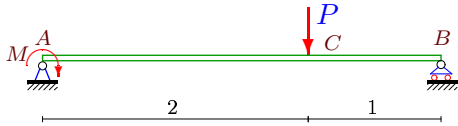


Балка

Найти прогиб Δy или угол поворота сечения $\Delta\varphi$ балки в указанной точке.

Задача 4.1.

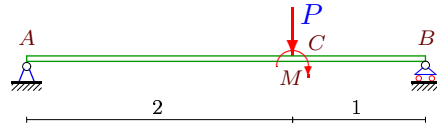
Ван Синьин



$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta\varphi_A = ?$$

Задача 4.2.

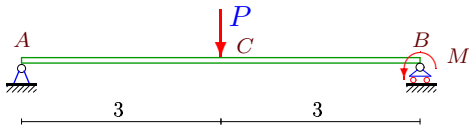
Гусев Александр



$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta\varphi_A = ?$$

Задача 4.3.

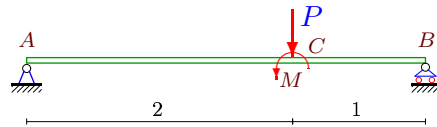
Демидова Анастасия



$$P = 12 \text{ кН}, M = 12 \text{ кНм}, \Delta\varphi_A = ?$$

Задача 4.4.

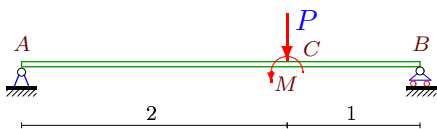
Жерлицын Богдан



$$P = 9 \text{ кН}, M = 9 \text{ кНм}, \Delta\varphi_A = ?$$

Задача 4.5.

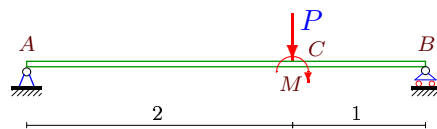
Зубарев Даниил



$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta\varphi_A = ?$$

Задача 4.6.

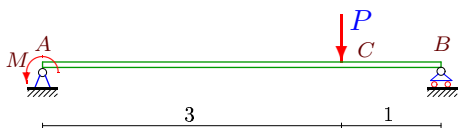
Кирюхин Юрий



$$P = 9 \text{ кН}, M = 9 \text{ кНм}, \Delta\varphi_A = ?$$

Задача 4.7.

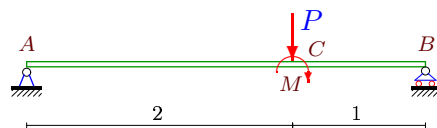
Кортаева Вероника



$$P = 24 \text{ кН}, M = 24 \text{ кНм}, \Delta\varphi_B = ?$$

Задача 4.8.

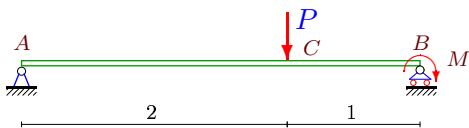
Кошелева Нина Павловна



$$P = 18 \text{ кН}, M = 18 \text{ кНм}, \Delta\varphi_B = ?$$

Задача 4.9.

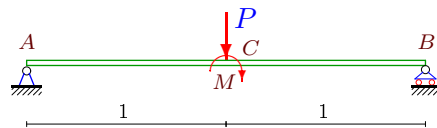
Лукина Анна Лусия



$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta\varphi_B = ?$$

Задача 4.10.

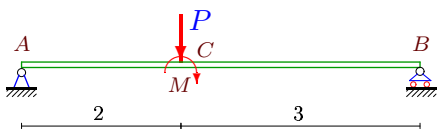
Магомедова Алина



$$P = 12 \text{ кН}, M = 12 \text{ кНм}, \Delta\varphi_B = ?$$

Задача 4.11.

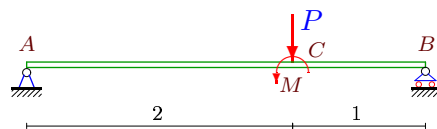
Морозова Кристина



$$P = 15 \text{ кН}, M = 30 \text{ кНм}, \Delta\varphi_B = ?$$

Задача 4.12.

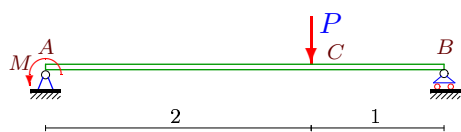
Морозова Марина



$$P = 36 \text{ кН}, M = 18 \text{ кНм}, \Delta\varphi_B = ?$$

Задача 4.13.

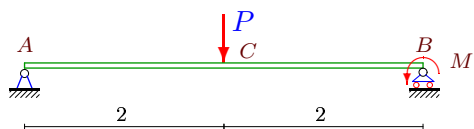
Нечаев Матвей



$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta\varphi_C = ?$$

Задача 4.15.

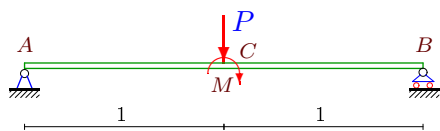
Плужников Денис



$$P = 12 \text{ кН}, M = 12 \text{ кНм}, \Delta\varphi_C = ?$$

Задача 4.17.

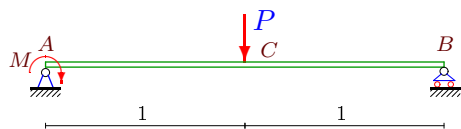
Сиданич Ульяна



$$P = 6 \text{ кН}, M = 24 \text{ кНм}, \Delta\varphi_C = ?$$

Задача 4.19.

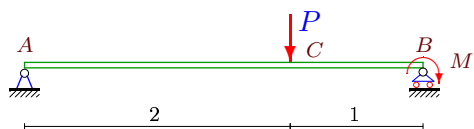
Харламов Максим



$$P = 6 \text{ кН}, M = 24 \text{ кНм}, \Delta y_C = ?$$

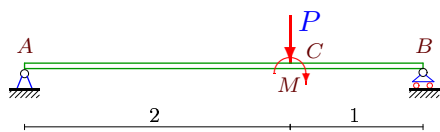
Задача 4.21.

Романова Полина



$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta y_C = ?$$

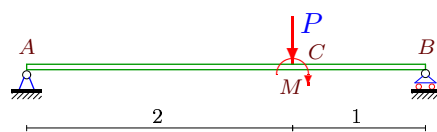
Задача 4.23.



$$P = 9 \text{ кН}, M = 36 \text{ кНм}, \Delta y_C = ?$$

Задача 4.14.

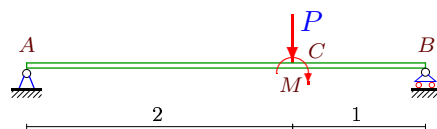
Никаев Рамзан



$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta\varphi_C = ?$$

Задача 4.16.

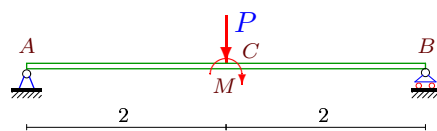
Пышова Кристина



$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta\varphi_C = ?$$

Задача 4.18.

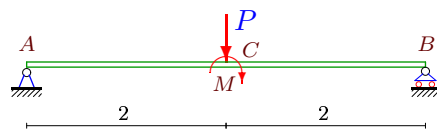
Сузовей Анастасия



$$P = 3 \text{ кН}, M = 6 \text{ кНм}, \Delta\varphi_C = ?$$

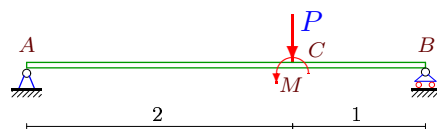
Задача 4.20.

Хуан Цинцин



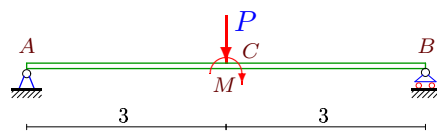
$$P = 3 \text{ кН}, M = 6 \text{ кНм}, \Delta y_C = ?$$

Задача 4.22.



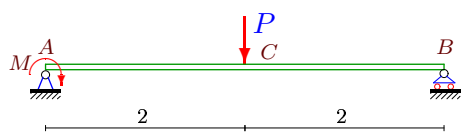
$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta y_C = ?$$

Задача 4.24.



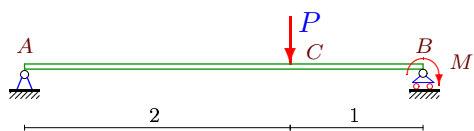
$$P = 6 \text{ кН}, M = 12 \text{ кНм}, \Delta y_C = ?$$

Задача 4.25.



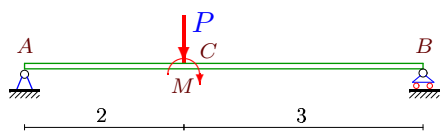
$$P = 3 \text{ кН}, M = 6 \text{ кНм}, \Delta y_C = ?$$

Задача 4.27.



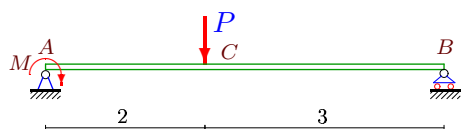
$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta y_C = ?$$

Задача 4.29.



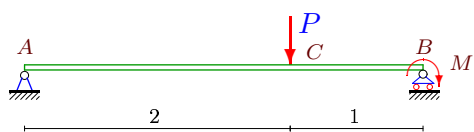
$$P = 5 \text{ кН}, M = 20 \text{ кНм}, \Delta y_C = ?$$

Задача 4.31.



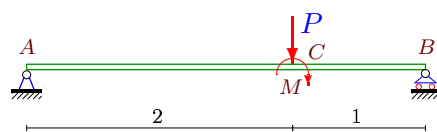
$$P = 5 \text{ кН}, M = 20 \text{ кНм}, \Delta y_C = ?$$

Задача 4.33.



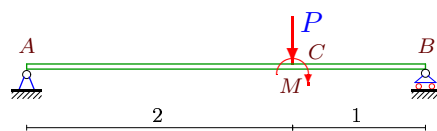
$$P = 9 \text{ кН}, M = 36 \text{ кНм}, \Delta y_C = ?$$

Задача 4.26.



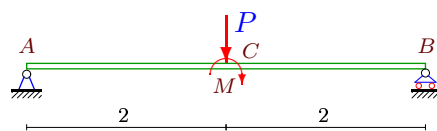
$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta y_C = ?$$

Задача 4.28.



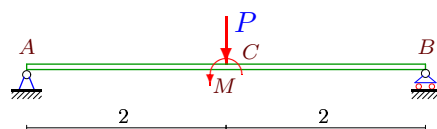
$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta y_C = ?$$

Задача 4.30.



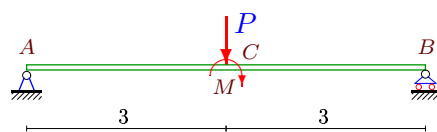
$$P = 6 \text{ кН}, M = 24 \text{ кНм}, \Delta y_C = ?$$

Задача 4.32.



$$P = 3 \text{ кН}, M = 6 \text{ кНм}, \Delta y_C = ?$$

Задача 4.34.



$$P = 6 \text{ кН}, M = 24 \text{ кНм}, \Delta y_C = ?$$