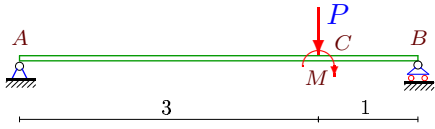


Балка

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

Задача М4.1.

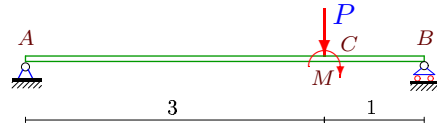
Алимов Шамиль



$$P = 4 \text{ кН}, M = 16 \text{ кНм}, \Delta y_C = ?$$

Задача М4.2.

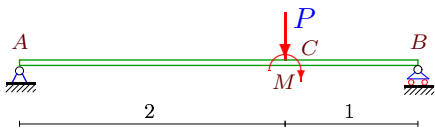
Берсенева Анастасия



$$P = 12 \text{ кН}, M = 24 \text{ кНм}, \Delta \varphi_C = ?$$

Задача М4.3.

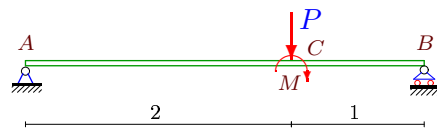
Богатых Ольга



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

Задача М4.4.

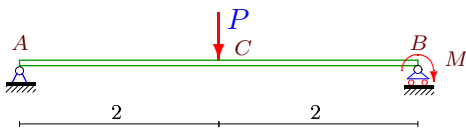
Войтов Марк



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

Задача М4.5.

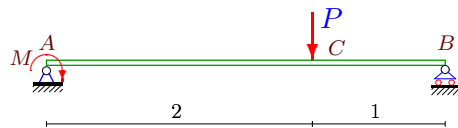
Грабчинская Екатерина



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

Задача М4.6.

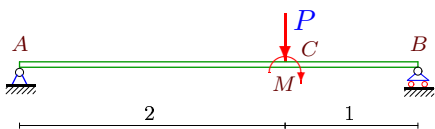
Дугин Антон



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

Задача М4.7.

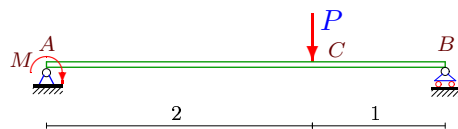
Елизарова Ксения



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

Задача М4.8.

Ефименко Яна



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

Задача М4.9.

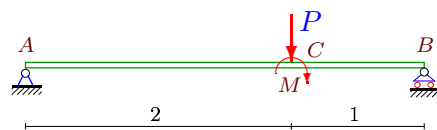
Котов Андрей



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

Задача М4.10.

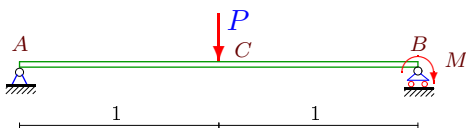
Кравчук Ольга



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

Задача М4.11.

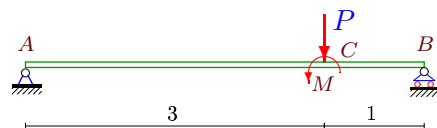
Левин Глеб



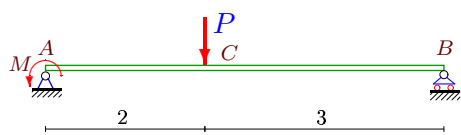
$$P = 12 \text{ кН}, M = 12 \text{ кНм}, \Delta \varphi_A = ?$$

Задача М4.12.

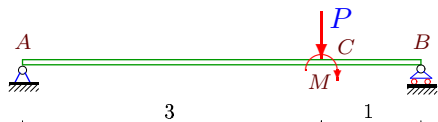
Лысина Екатерина



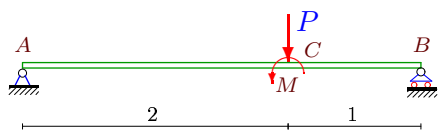
$$P = 4 \text{ кН}, M = 16 \text{ кНм}, \Delta y_C = ?$$

Задача М4.13.*Маралкина Евгения*

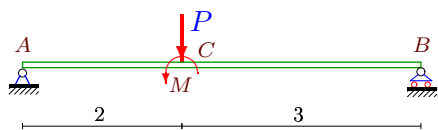
$$P = 5 \text{ кН}, M = 10 \text{ кНм}, \Delta y_C = ?$$

Задача М4.15.*Павич Иван*

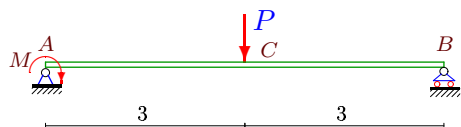
$$P = 24 \text{ кН}, M = 48 \text{ кНм}, \Delta \varphi_B = ?$$

Задача М4.17.*Тугарина Дарья*

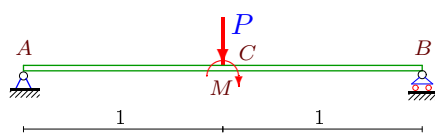
$$P = 9 \text{ кН}, M = 18 \text{ кНм}, \Delta y_C = ?$$

Задача М4.19.*Чудаков Александр*

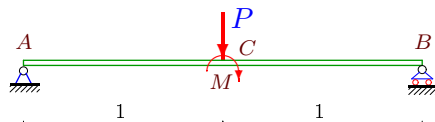
$$P = 30 \text{ кН}, M = 30 \text{ кНм}, \Delta \varphi_B = ?$$

Задача М4.21.*Ермаков Владимир*

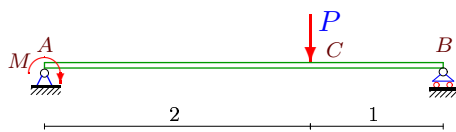
$$P = 6 \text{ кН}, M = 24 \text{ кНм}, \Delta y_C = ?$$

Задача М4.14.*Новов Александр*

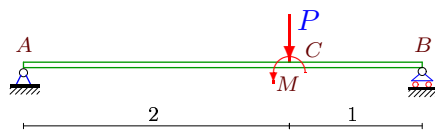
$$P = 12 \text{ кН}, M = 24 \text{ кНм}, \Delta \varphi_A = ?$$

Задача М4.16.*Сонин Андрей*

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

Задача М4.18.*Хромов Дмитрий*

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

Задача М4.20.*Зуйков Игорь*

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