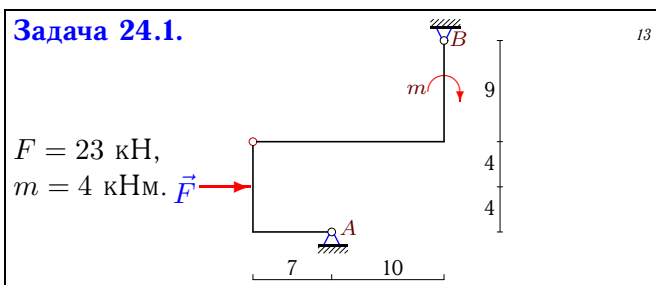


Простая составная конструкция

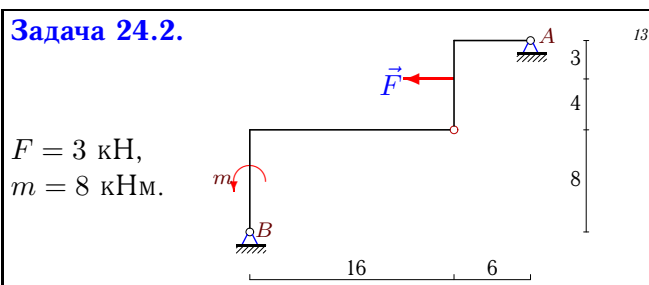
Определить реакции опор конструкции (в кН), состоящей из двух тел.

Кирсанов М.Н. **Решебник. Теоретическая механика**/Под ред. А. И. Кириллова.– М.:ФИЗМАТЛИТ, 2002.– 384 с. (с.67.)

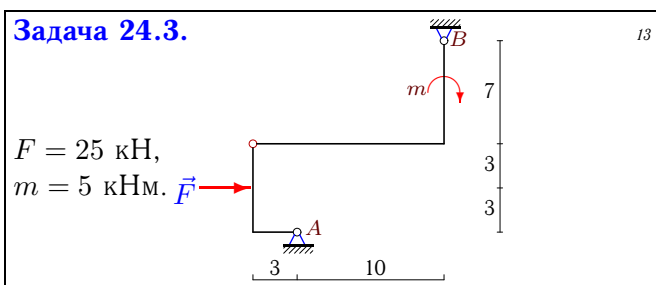
Задача 24.1.



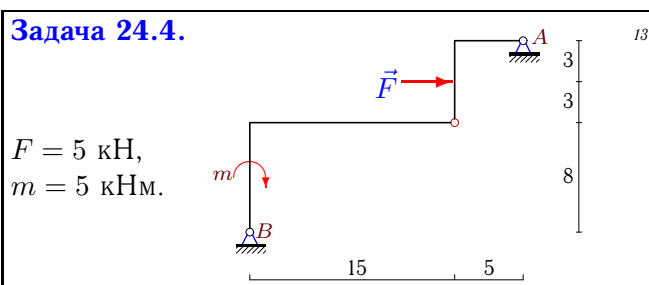
Задача 24.2.



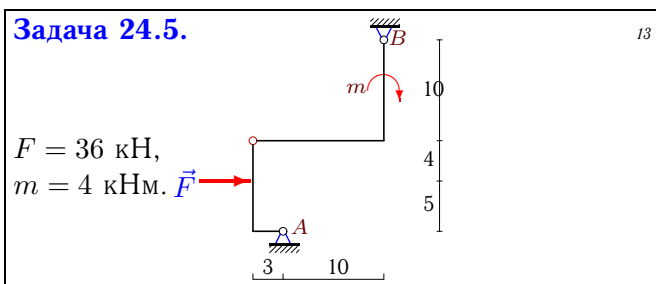
Задача 24.3.



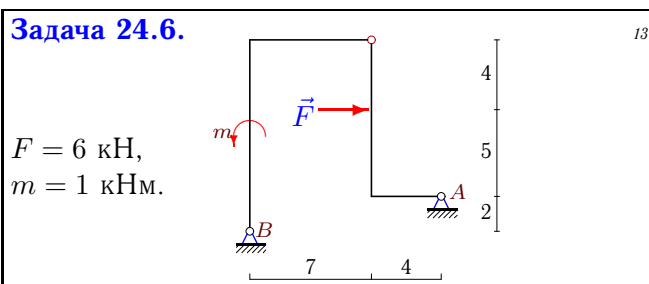
Задача 24.4.



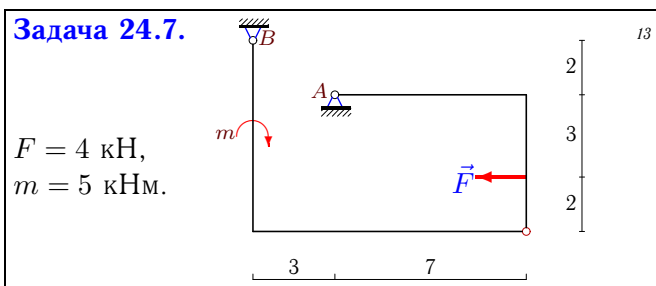
Задача 24.5.



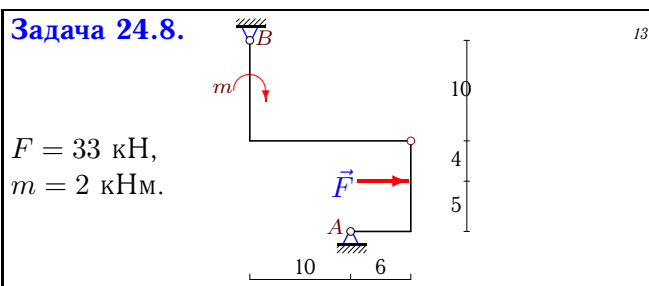
Задача 24.6.



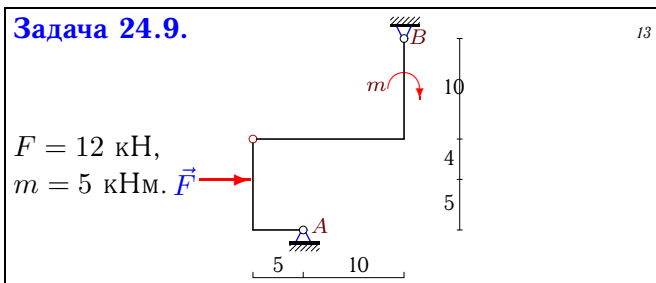
Задача 24.7.



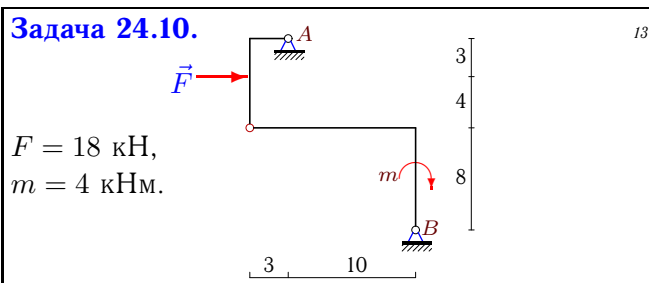
Задача 24.8.



Задача 24.9.



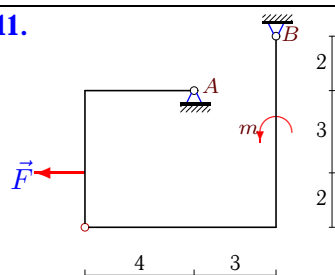
Задача 24.10.



Задача 24.11.

$$F = 5 \text{ кН},$$

$$m = 7 \text{ кНм.}$$

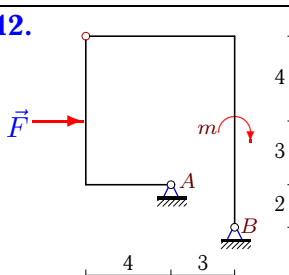


13

Задача 24.12.

$$F = 4 \text{ кН},$$

$$m = 5 \text{ кНм.}$$

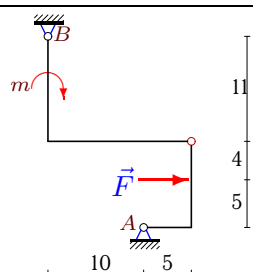


13

Задача 24.13.

$$F = 25 \text{ кН},$$

$$m = 5 \text{ кНм.}$$

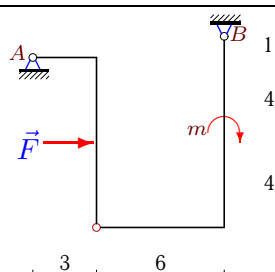


13

Задача 24.14.

$$F = 9 \text{ кН},$$

$$m = 3 \text{ кНм.}$$

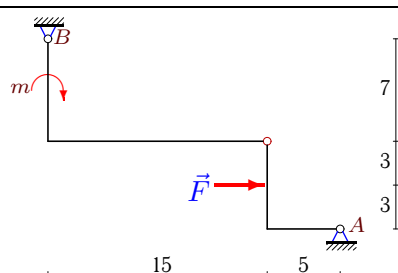


13

Задача 24.15.

$$F = 25 \text{ кН},$$

$$m = 5 \text{ кНм.}$$

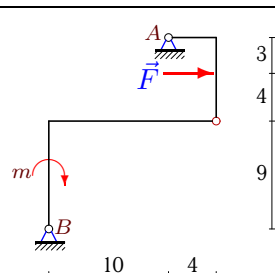


13

Задача 24.16.

$$F = 29 \text{ кН},$$

$$m = 3 \text{ кНм.}$$

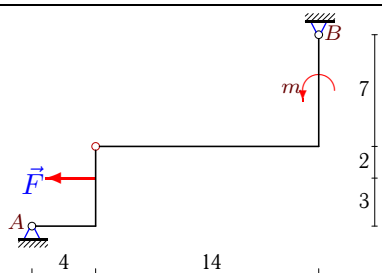


13

Задача 24.17.

$$F = 5 \text{ кН},$$

$$m = 21 \text{ кНм.}$$

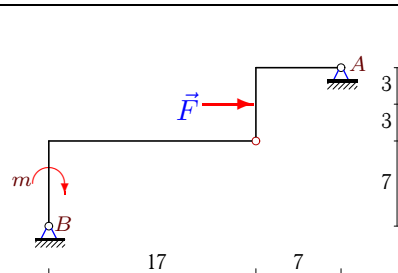


13

Задача 24.18.

$$F = 14 \text{ кН},$$

$$m = 4 \text{ кНм.}$$

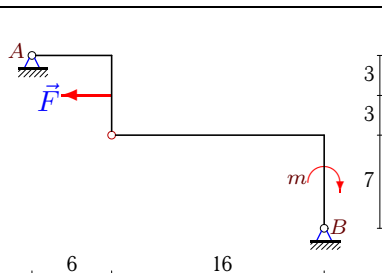


13

Задача 24.19.

$$F = 4 \text{ кН},$$

$$m = 5 \text{ кНм.}$$

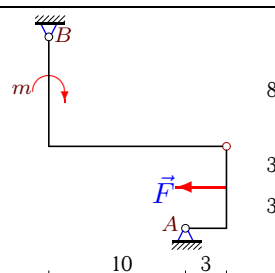


13

Задача 24.20.

$$F = 3 \text{ кН},$$

$$m = 5 \text{ кНм.}$$

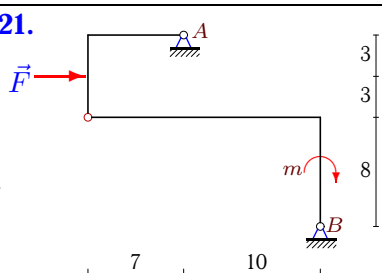


13

Задача 24.21.

$$F = 19 \text{ кН},$$

$$m = 3 \text{ кНм.}$$

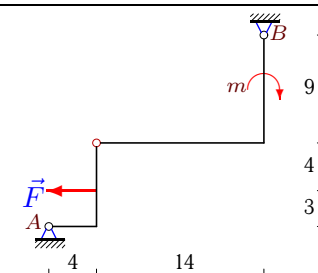


13

Задача 24.22.

$$F = 1 \text{ кН},$$

$$m = 5 \text{ кНм.}$$



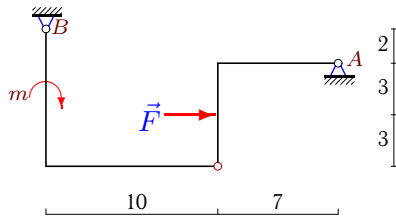
13

Задача 24.23.

13

$$F = 30 \text{ кН},$$

$$m = 4 \text{ кНм}.$$

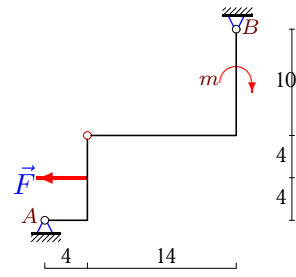


Задача 24.24.

13

$$F = 1 \text{ кН},$$

$$m = 4 \text{ кНм}.$$

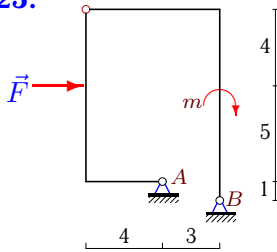


Задача 24.25.

13

$$F = 6 \text{ кН},$$

$$m = 5 \text{ кНм}.$$

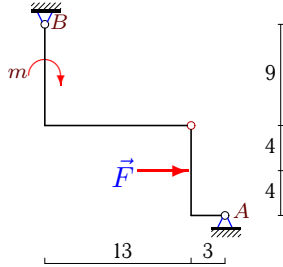


Задача 24.26.

13

$$F = 18 \text{ кН},$$

$$m = 4 \text{ кНм}.$$

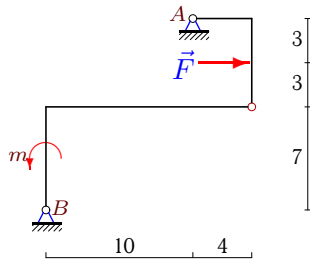


Задача 24.27.

13

$$F = 2 \text{ кН},$$

$$m = 7 \text{ кНм}.$$

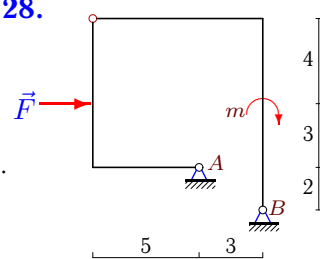


Задача 24.28.

13

$$F = 4 \text{ кН},$$

$$m = 5 \text{ кНм}.$$

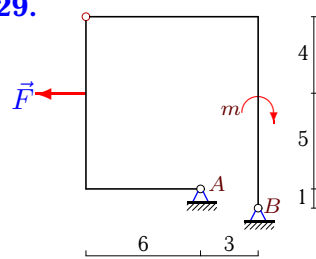


Задача 24.29.

13

$$F = 3 \text{ кН},$$

$$m = 5 \text{ кНм}.$$

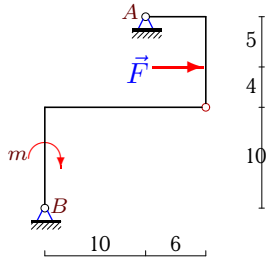


Задача 24.30.

13

$$F = 36 \text{ кН},$$

$$m = 4 \text{ кНм}.$$

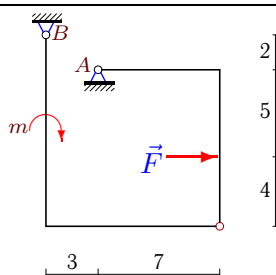


Задача 24.31.

13

$$F = 2 \text{ кН},$$

$$m = 5 \text{ кНм}.$$

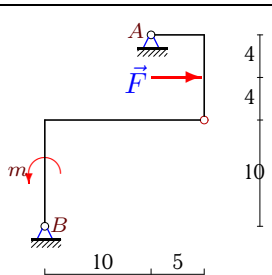


Задача 24.32.

13

$$F = 2 \text{ кН},$$

$$m = 10 \text{ кНм}.$$

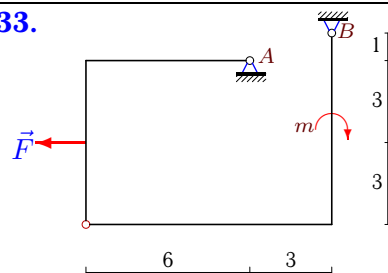


Задача 24.33.

13

$$F = 2 \text{ кН},$$

$$m = 5 \text{ кНм}.$$

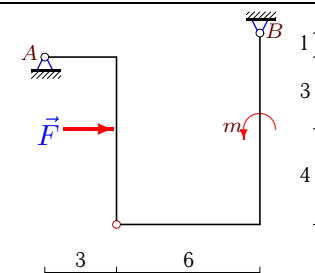


Задача 24.34.

13

$$F = 1 \text{ кН},$$

$$m = 6 \text{ кНм}.$$



Простая составная конструкция

	X_A	Y_A	X_B	Y_B
1	-15	4	-8	-4
2	0	-2	3	2
3	-15	5	-10	-5
4	0	3	-5	-3
5	-20	12	-16	-12
6	-4	3	-2	-3
7	-151	109	155	-109
8	-20	-8	-13	8
9	-7	3	-5	-3
10	-12	-4	-6	4
11	-6	-10	11	10
12	4	-11	-8	11
13	-15	-7	-10	7
14	-6	4	-3	-4
15	-5	-9	-20	9
16	-20	6	-9	-6
17	2	0	3	0
18	0	6	-14	-6
19	1	1	3	-1
20	2	1	1	-1
21	-13	-3	-6	3
22	0	-1	1	1
23	-22	-6	-8	6
24	0	-1	1	1
25	4	-15	-10	15
26	-6	-8	-12	8
27	-1	0	-1	0
28	7	-13	-11	13
29	-2	5	5	-5
30	-22	9	-14	-9
31	3	-5	-5	5
32	-1	0	-1	0
33	-5	-6	7	6
34	-1	1	0	-1