

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. 12

$F = 6$ кН,
 $m = 5$ кНм.

Задача 24.2. 12

$F = 3$ кН,
 $m = 5$ кНм.

Задача 24.3. 12

$F = 5$ кН,
 $m = 9$ кНм.

Задача 24.4. 12

$F = 5$ кН,
 $m = 8$ кНм.

Задача 24.5. 12

$F = 7$ кН,
 $m = 5$ кНм.

Задача 24.6. 12

$F = 4$ кН,
 $m = 4$ кНм.

Задача 24.7. 12

$F = 14$ кН,
 $m = 4$ кНм.

Задача 24.8. 12

$F = 11$ кН,
 $m = 5$ кНм.

Задача 24.9. 12

$F = 5$ кН,
 $m = 21$ кНм.

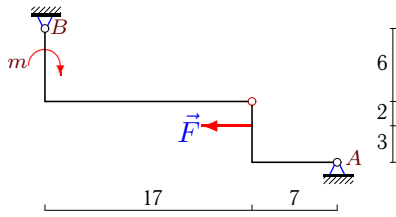
Задача 24.10. 12

$F = 17$ кН,
 $m = 5$ кНм.

Задача 24.11.

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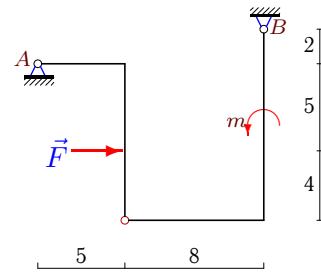
$F = 1$ кН,
 $m = 5$ кНм.



Задача 24.12.

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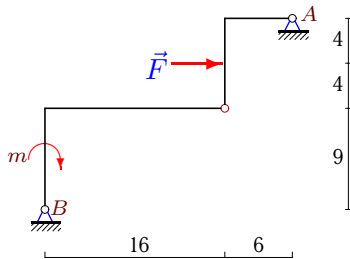
$F = 16$ кН,
 $m = 1$ кНм.



Задача 24.13.

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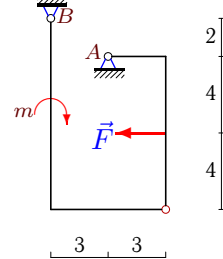
$F = 3$ кН,
 $m = 5$ кНм.



Задача 24.14.

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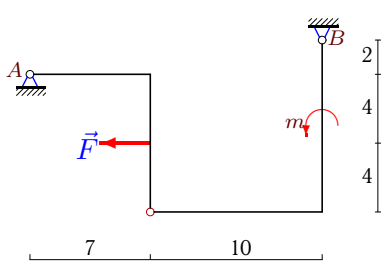
$F = 1$ кН,
 $m = 4$ кНм.



Задача 24.15.

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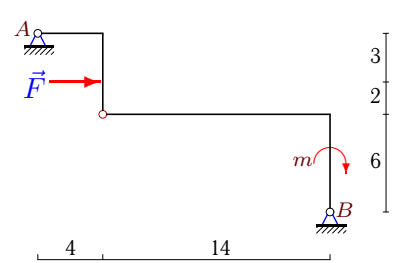
$F = 2$ кН,
 $m = 10$ кНм.



Задача 24.16.

12

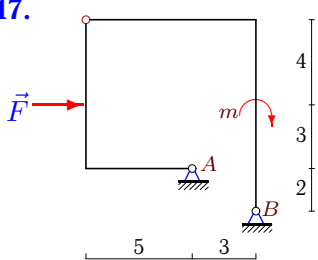
$F = 4$ кН,
 $m = 4$ кНм.



Задача 24.17.

12

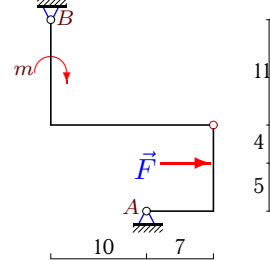
$F = 4$ кН,
 $m = 5$ кНм.



Задача 24.18.

12

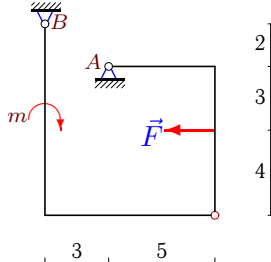
$F = 5$ кН,
 $m = 5$ кНм.



Задача 24.19.

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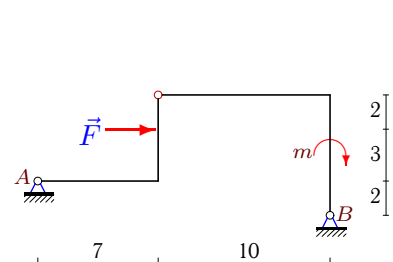
$F = 4$ кН,
 $m = 5$ кНм.



Задача 24.20.

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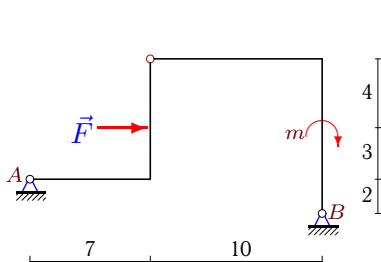
$F = 4$ кН,
 $m = 3$ кНм.



Задача 24.21.

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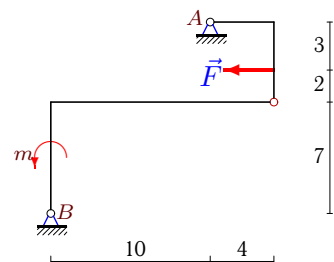
$F = 14$ кН,
 $m = 3$ кНм.



Задача 24.22.

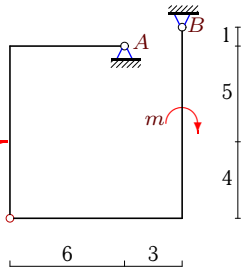
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$F = 3$ кН,
 $m = 7$ кНм.



Задача 24.23.

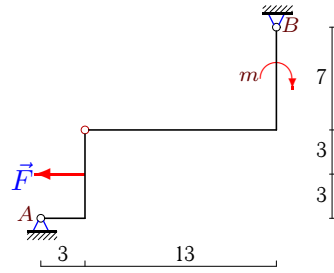
$F = 3 \text{ кН},$
 $m = 5 \text{ кНМ}.$



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Задача 24.24.

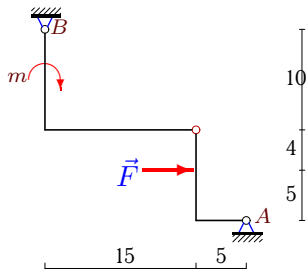
$F = 4 \text{ кН},$
 $m = 5 \text{ кНМ}.$



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Задача 24.25.

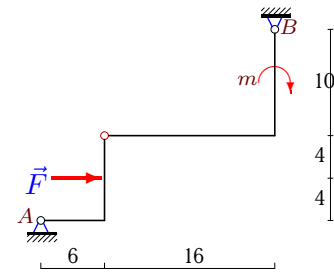
$F = 6 \text{ кН},$
 $m = 5 \text{ кНМ}.$



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Задача 24.26.

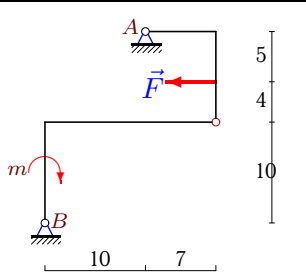
$F = 11 \text{ кН},$
 $m = 4 \text{ кНМ}.$



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Задача 24.27.

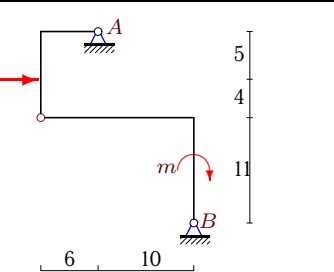
$F = 5 \text{ кН},$
 $m = 3 \text{ кНМ}.$



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Задача 24.28.

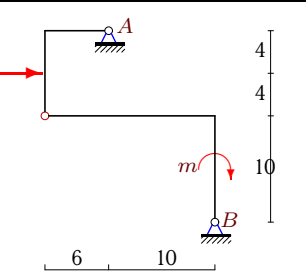
$F = 3 \text{ кН},$
 $m = 5 \text{ кНМ}.$



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Задача 24.29.

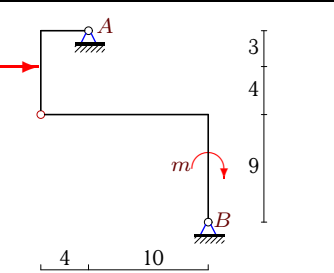
$F = 18 \text{ кН},$
 $m = 4 \text{ кНМ}.$



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Задача 24.30.

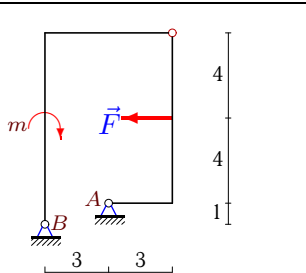
$F = 29 \text{ кН},$
 $m = 3 \text{ кНМ}.$



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Задача 24.31.

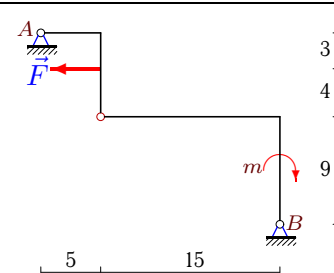
$F = 3 \text{ кН},$
 $m = 3 \text{ кНМ}.$



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Задача 24.32.

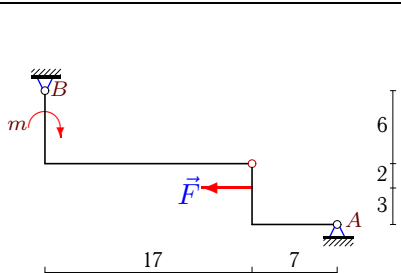
$F = 3 \text{ кН},$
 $m = 3 \text{ кНМ}.$



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Задача 24.33.

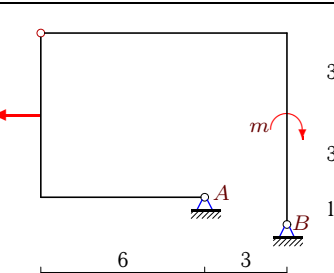
$F = 1 \text{ кН},$
 $m = 5 \text{ кНМ}.$



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Задача 24.34.

$F = 2 \text{ кН},$
 $m = 5 \text{ кНМ}.$



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Простая составная конструкция

	X_A	Y_A	X_B	Y_B
1	4	15	-10	-15
2	0	2	3	-2
3	-2	-6	7	6
4	0	-4	5	4
5	18	22	-25	-22
6	-3	10	7	-10
7	-10	-4	-4	4
8	-8	-4	-3	4
9	-2	-5	7	5
10	8	35	-25	-35
11	-1	1	2	-1
12	-11	7	-5	-7
13	0	2	-3	-2
14	-1	4	2	-4
15	1	0	1	0
16	0	-2	-4	2
17	7	-13	-11	13
18	-3	-1	-2	1
19	-7	13	11	-13
20	-3	-1	-1	1
21	-11	-3	-3	3
22	2	-1	1	1
23	2	5	-5	-5
24	1	-2	3	2
25	-1	-3	-5	3
26	-1	6	-10	-6
27	3	-1	2	1
28	-2	-1	-1	1
29	-12	-4	-6	4
30	-20	-6	-9	6
31	0	-4	3	4
32	1	1	2	-1
33	-1	1	2	-1
34	0	1	2	-1