

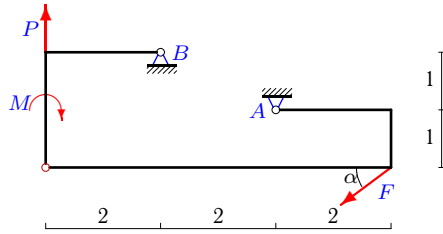
Простая составная конструкция

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

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

Задача S-24.45.

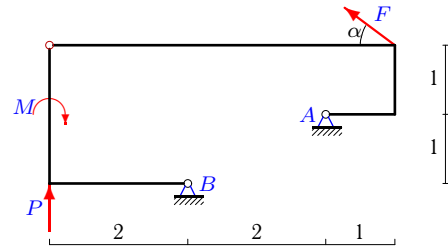
35



$$P = 1 \text{ кН}, F = 5 \text{ кН}, M = 2 \text{ кНм}, \cos \alpha = 0,8.$$

Задача S-24.46.

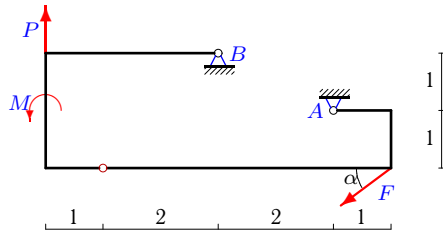
35



$$P = 6 \text{ кН}, F = 15 \text{ кН}, M = 6 \text{ кНм}, \cos \alpha = 0,8.$$

Задача S-24.47.

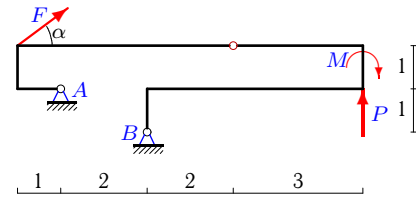
35



$$P = 3 \text{ кН}, F = 15 \text{ кН}, M = 3 \text{ кНм}, \cos \alpha = 0,8.$$

Задача S-24.48.

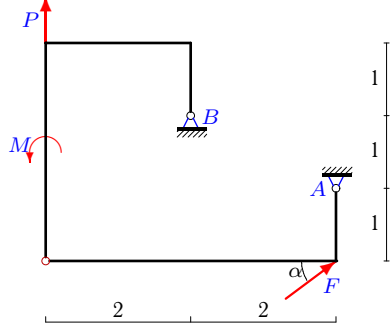
35



$$P = 6 \text{ кН}, F = 15 \text{ кН}, M = 12 \text{ кНм}, \cos \alpha = 0,8.$$

Задача S-24.49.

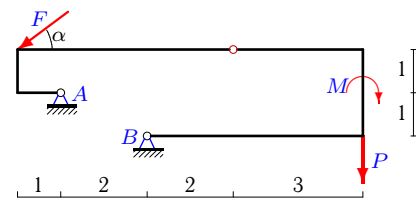
35



$$P = 12 \text{ кН}, F = 15 \text{ кН}, M = 12 \text{ кНм}, \cos \alpha = 0,8.$$

Задача S-24.50.

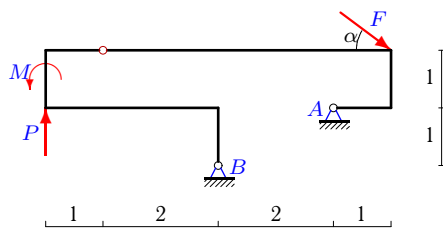
35



$$P = 6 \text{ кН}, F = 15 \text{ кН}, M = 6 \text{ кНм}, \cos \alpha = 0,8.$$

Задача S-24.51.

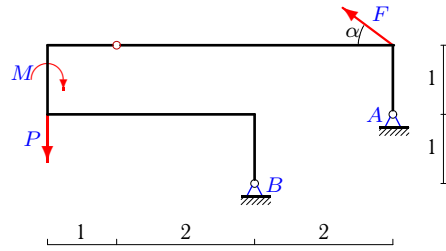
35



$P = 2 \text{ кН}, F = 5 \text{ кН}, M = 2 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.52.

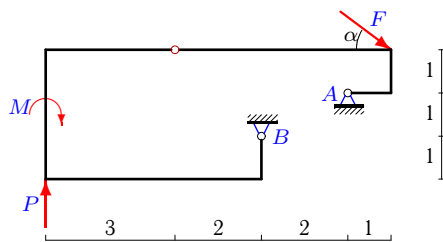
35



$P = 6 \text{ кН}, F = 15 \text{ кН}, M = 12 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.53.

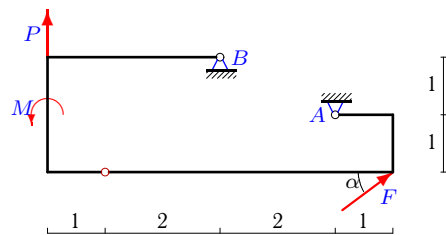
35



$P = 6 \text{ кН}, F = 15 \text{ кН}, M = 12 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.54.

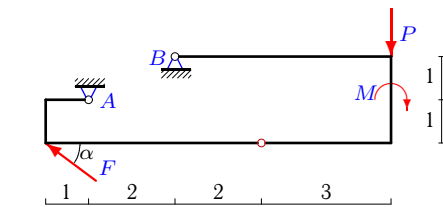
35



$P = 4 \text{ кН}, F = 5 \text{ кН}, M = 4 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.55.

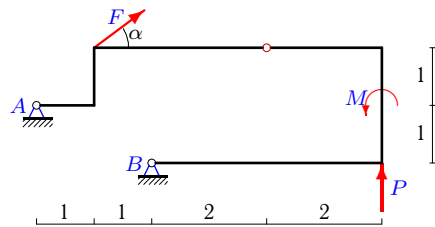
35



$P = 3 \text{ кН}, F = 15 \text{ кН}, M = 3 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.56.

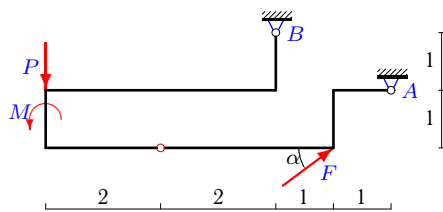
35



$P = 2 \text{ кН}, F = 10 \text{ кН}, M = 2 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.57.

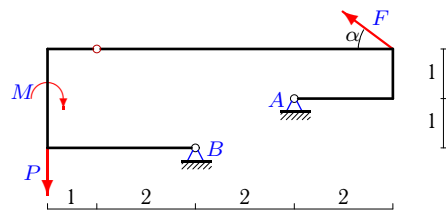
35



$P = 6 \text{ кН}, F = 30 \text{ кН}, M = 6 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.58.

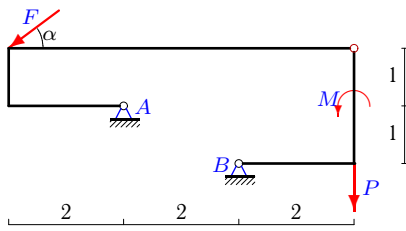
35



$P = 12 \text{ кН}, F = 15 \text{ кН}, M = 12 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.59.

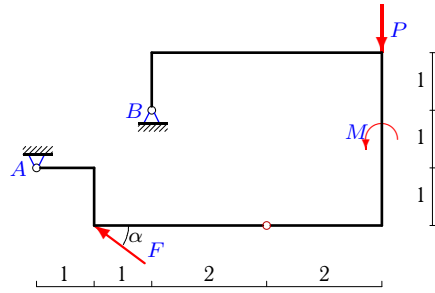
35



$P = 6 \text{ кН}, F = 15 \text{ кН}, M = 12 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.60.

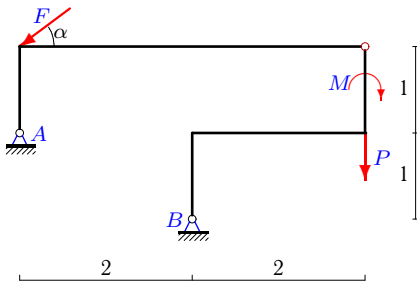
35



$P = 6 \text{ кН}, F = 15 \text{ кН}, M = 6 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.61.

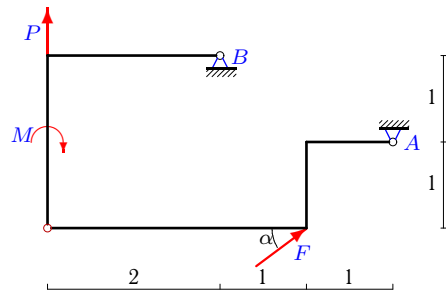
35



$P = 3 \text{ кН}, F = 15 \text{ кН}, M = 6 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.62.

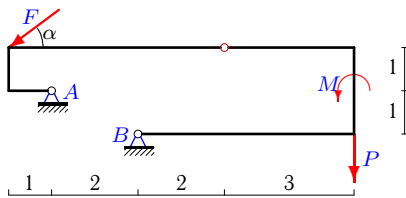
35



$P = 6 \text{ кН}, F = 30 \text{ кН}, M = 6 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.63.

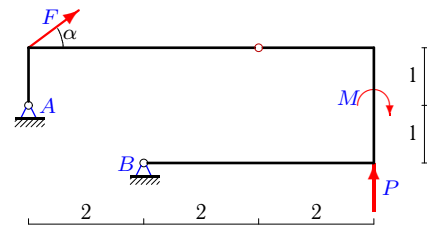
35



$P = 2 \text{ кН}, F = 5 \text{ кН}, M = 2 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.64.

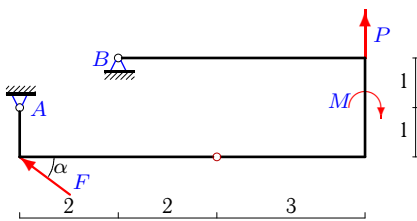
35



$P = 12 \text{ кН}, F = 30 \text{ кН}, M = 6 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.65.

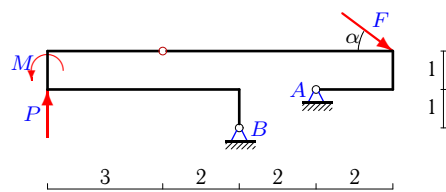
35



$P = 12 \text{ кН}, F = 15 \text{ кН}, M = 6 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.66.

35



$P = 12 \text{ кН}, F = 15 \text{ кН}, M = 6 \text{ кНм},$
 $\cos \alpha = 0,8.$

S-24 Ответы.**Простая составная конструкция**

30.05.2013

№	X_A	Y_A	X_B	Y_B	Y_C	M_B	Y_D
45	10	7	-6	-5	-	-	-
46	7	-13	5	-2	-	-	-
47	23	17	-11	-11	-	-	-
48	-7	-13	-5	-2	-	-	-
49	-8	-11	-4	-10	-	-	-
50	-5	10	17	5	-	-	-
51	-9	6	5	-5	-	-	-
52	20	-14	-8	11	-	-	-
53	-47	23	35	-20	-	-	-
54	-1	-4	-3	-3	-	-	-
55	31	-19	-19	13	-	-	-
56	-2	-5	-6	-3	-	-	-
57	-46	-25	22	13	-	-	-
58	38	-23	-26	26	-	-	-
59	22	19	-10	-4	-	-	-
60	25	-13	-13	10	-	-	-
61	8	11	4	1	-	-	-
62	-14	-17	-10	-7	-	-	-
63	1	4	3	1	-	-	-
64	-4	-19	-20	-11	-	-	-
65	-20	-4	32	-17	-	-	-
66	-58	28	46	-31	-	-	-

S-24 файл о24s35F