

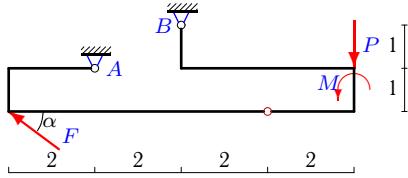
Простая составная конструкция

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-24.23.

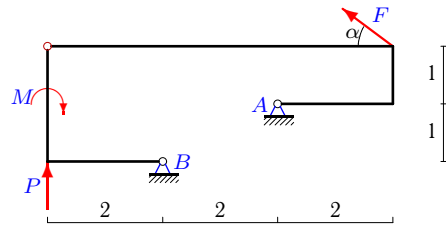
34



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

Задача S-24.24.

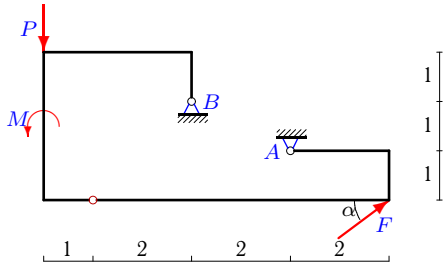
34



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

Задача S-24.25.

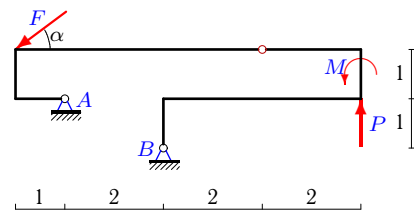
34



$$P = 2 \text{ кН}, F = 5 \text{ кН}, M = 4 \text{ кНм}, \cos \alpha = 0,8.$$

Задача S-24.26.

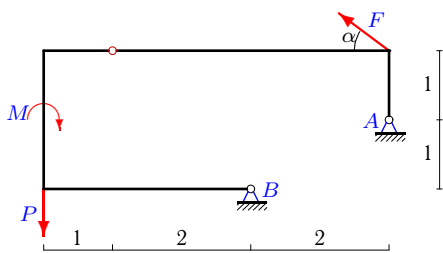
34



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

Задача S-24.27.

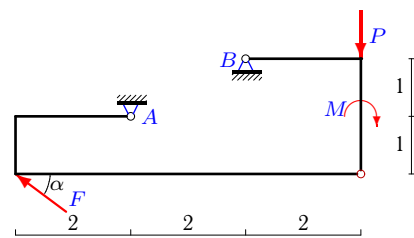
34



$$P = 4 \text{ кН}, F = 5 \text{ кН}, M = 2 \text{ кНм}, \cos \alpha = 0,8.$$

Задача S-24.28.

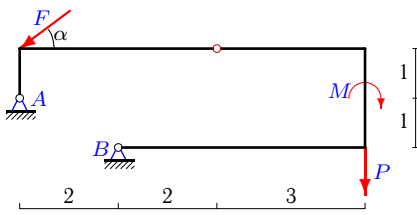
34



$$P = 4 \text{ кН}, F = 5 \text{ кН}, M = 2 \text{ кНм}, \cos \alpha = 0,8.$$

Задача S-24.29.

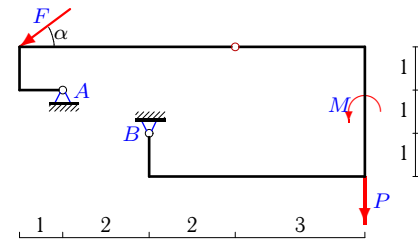
34



$P = 2 \text{ кН}, F = 5 \text{ кН}, M = 4 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.30.

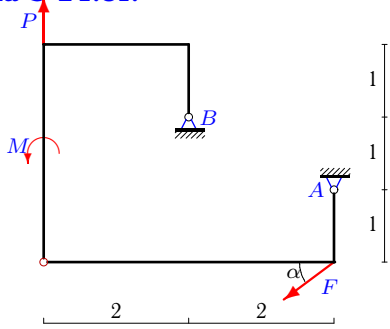
34



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

Задача S-24.31.

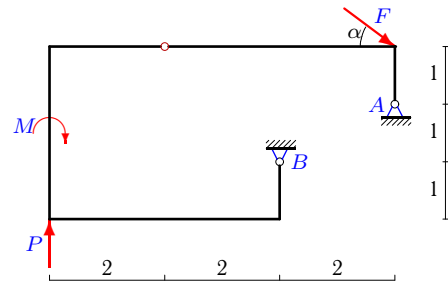
34



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

Задача S-24.32.

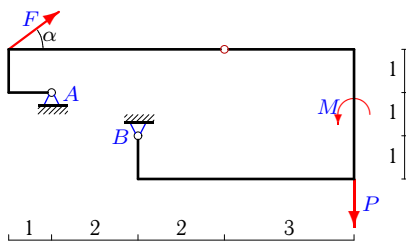
34



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

Задача S-24.33.

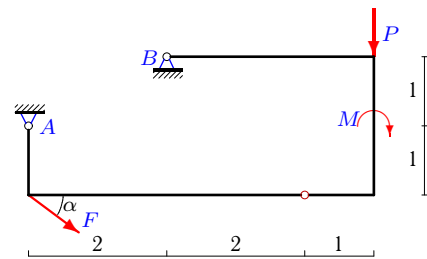
34



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

Задача S-24.34.

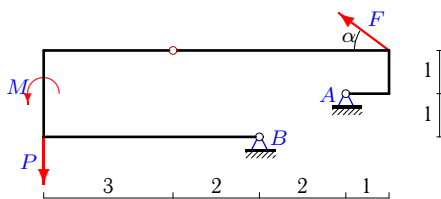
34



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

Задача S-24.35.

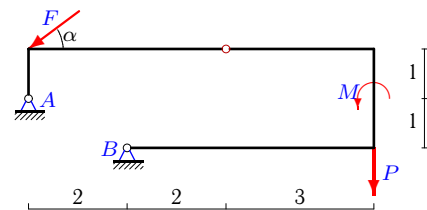
34



$P = 2 \text{ кН}, F = 10 \text{ кН}, M = 4 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.36.

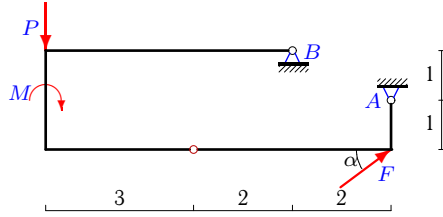
34



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

Задача S-24.37.

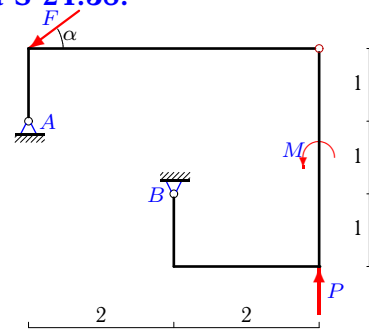
34



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

Задача S-24.38.

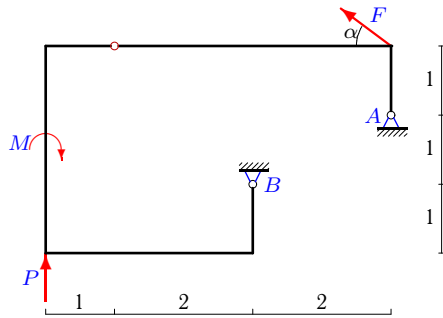
34



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

Задача S-24.39.

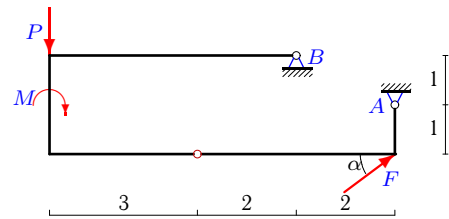
34



$P = 2 \text{ кН}, F = 10 \text{ кН}, M = 4 \text{ кНм},$
 $\cos \alpha = 0,8.$

Задача S-24.40.

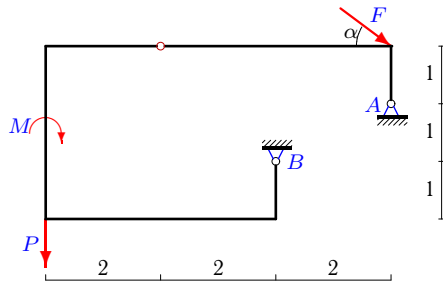
34



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

Задача S-24.41.

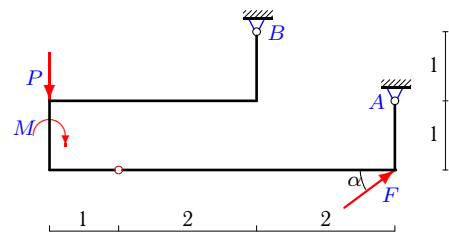
34



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

Задача S-24.42.

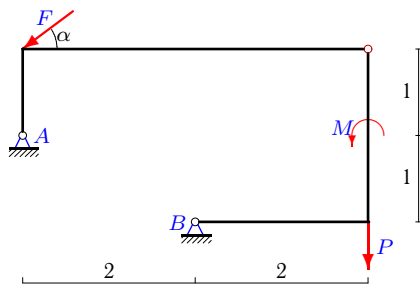
34



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

Задача S-24.43.

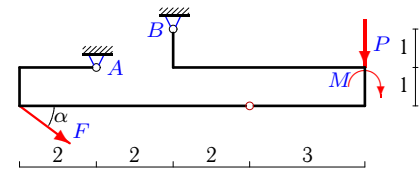
34



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

Задача S-24.44.

34



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

S-24 Ответы.
Простая составная конструкция

03.06.2013

№	X_A	Y_A	X_B	Y_B	Y_C	M_B	Y_D
23	34	-22	-22	19	-	-	-
24	14	-17	-2	5	-	-	-
25	-14	-8	10	7	-	-	-
26	13	7	-9	-6	-	-	-
27	12	-6	-8	7	-	-	-
28	14	-8	-10	9	-	-	-
29	-4	2	8	3	-	-	-
30	7	13	5	2	-	-	-
31	12	9	-4	-5	-	-	-
32	-12	6	8	-5	-	-	-
33	-9	-6	5	4	-	-	-
34	0	3	-4	2	-	-	-
35	22	-13	-14	9	-	-	-
36	0	3	4	2	-	-	-
37	-44	-29	20	17	-	-	-
38	28	16	-16	-13	-	-	-
39	4	-7	4	-1	-	-	-
40	-44	-29	20	17	-	-	-
41	8	7	-20	14	-	-	-
42	-20	-14	8	8	-	-	-
43	4	10	8	11	-	-	-
44	-10	16	-2	-4	-	-	-

S-24 файл o24s34F