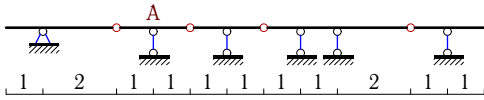


Линии влияния в многопролетной разрезной балке

Построить линию влияния реакции опоры A в многопролетной балке. Размеры даны в метрах. Найти минимальное и максимальное значения этой реакции при совместном действии равномерной временной $q^{BP} = 5 \text{ кН/м}$ и постоянной нагрузки $q^n = 2 \text{ кН/м}$.

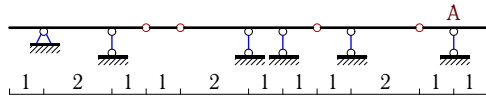
Задача М37.1.

8



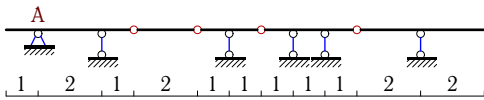
Задача М37.2.

8



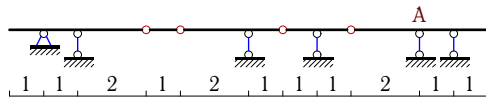
Задача М37.3.

8



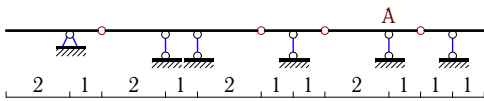
Задача М37.4.

8



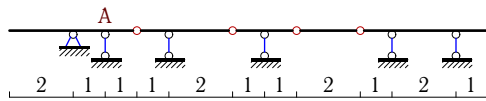
Задача М37.5.

8



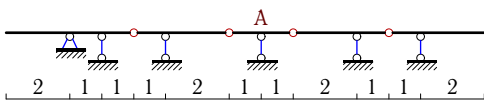
Задача М37.6.

8



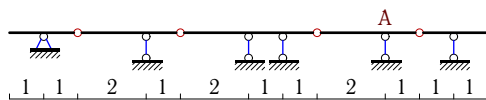
Задача М37.7.

8



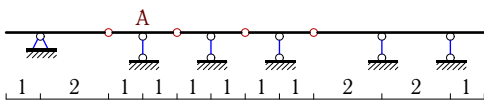
Задача М37.8.

8



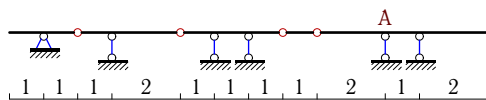
Задача М37.9.

8



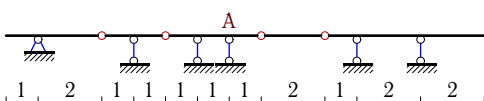
Задача М37.10.

8



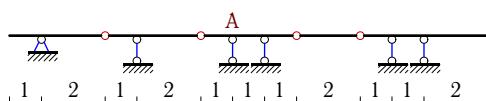
Задача М37.11.

8



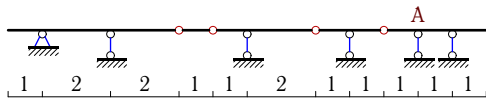
Задача М37.12.

8



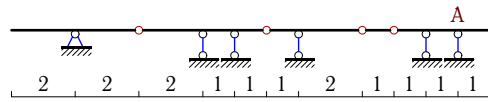
Задача M37.13.

8



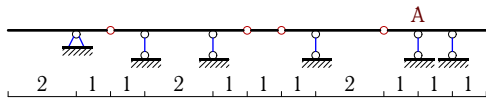
Задача M37.14.

8



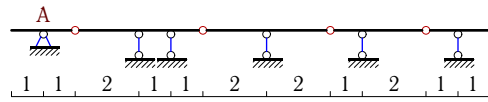
Задача M37.15.

8



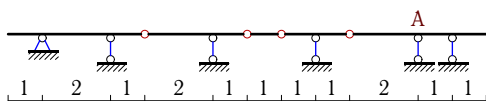
Задача M37.16.

8



Задача M37.17.

8



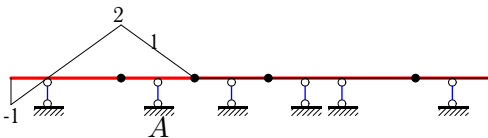
M37

Ответы.

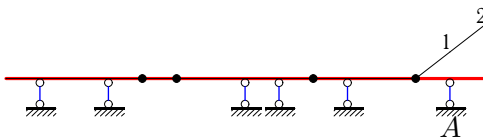
Линии влияния в многопролетной разрезной балке

07.11.2013

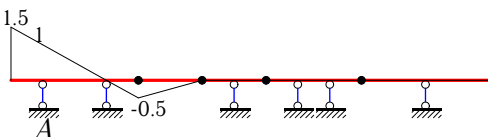
1.



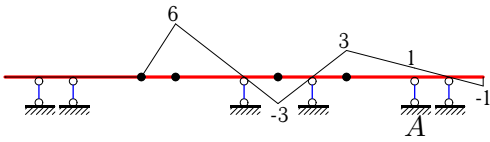
2.



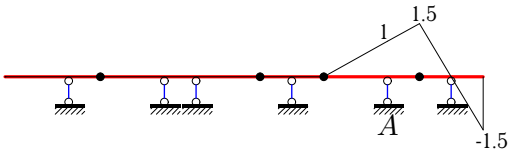
3.



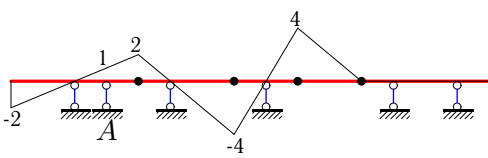
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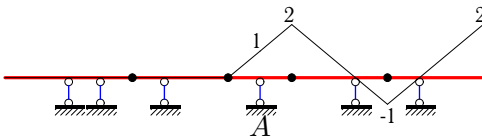
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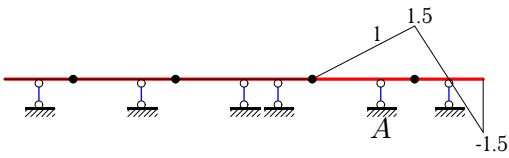
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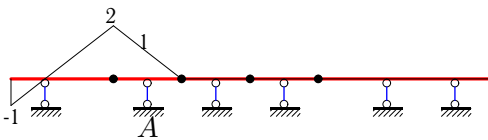
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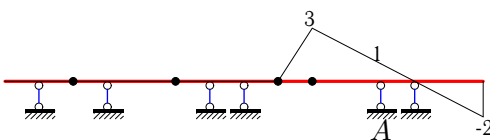
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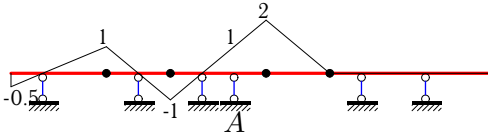
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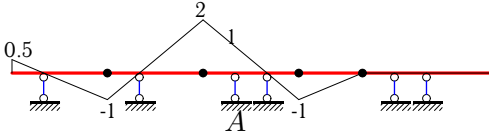
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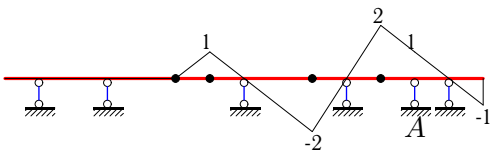
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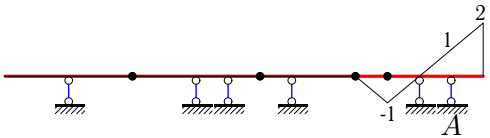
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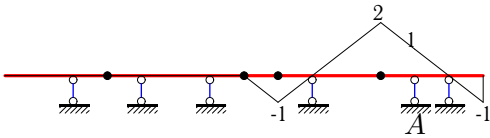
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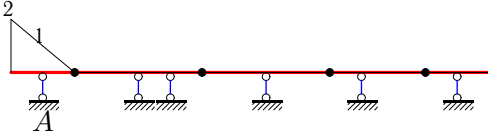
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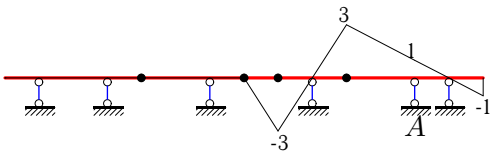
15.



16.



17.



М37 файл о37м8А

№	$V_{\max}^{\text{вп}}$	$V_{\min}^{\text{вп}}$	$V^{\text{п}}$	V_{\max}	V_{\min}
1	20.000	-2.500	7.000	27.000	4.500
2	10.000	0.000	4.000	14.000	4.000
3	11.250	-3.750	3.000	14.250	-0.750
4	75.000	-17.500	23.000	98.000	5.500
5	15.000	-3.750	4.500	19.500	0.750
6	45.000	-40.000	2.000	47.000	-38.000
7	30.000	-5.000	10.000	40.000	5.000
8	15.000	-3.750	4.500	19.500	0.750
9	20.000	-2.500	7.000	27.000	4.500
10	30.000	-10.000	8.000	38.000	-2.000
11	27.500	-6.250	8.500	36.000	2.250
12	21.250	-15.000	2.500	23.750	-12.500
13	20.000	-17.500	1.000	21.000	-16.500
14	10.000	-5.000	2.000	12.000	-3.000
15	20.000	-7.500	5.000	25.000	-2.500
16	10.000	-0.000	4.000	14.000	4.000
17	30.000	-17.500	5.000	35.000	-12.500