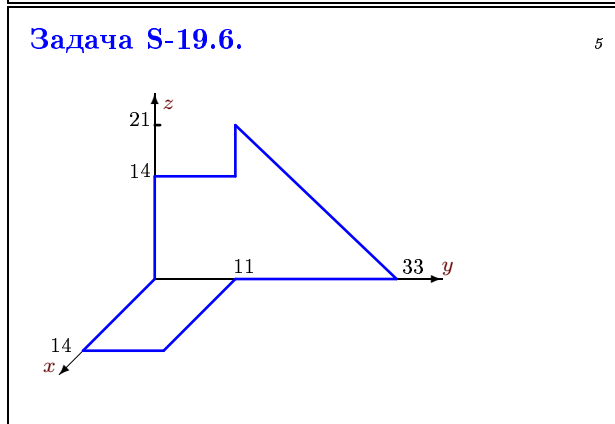
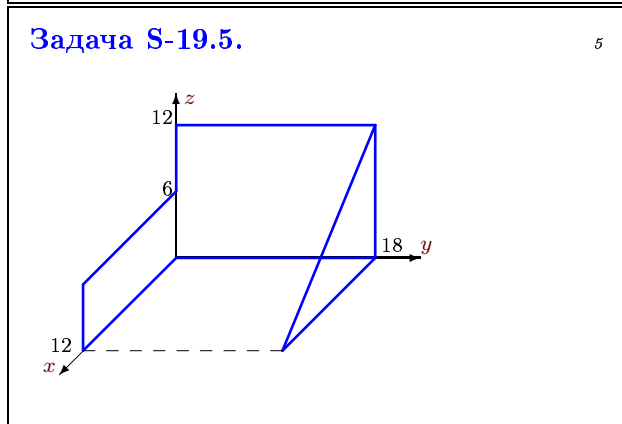
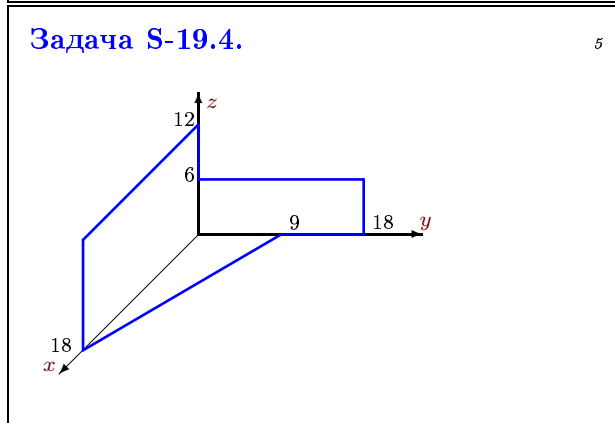
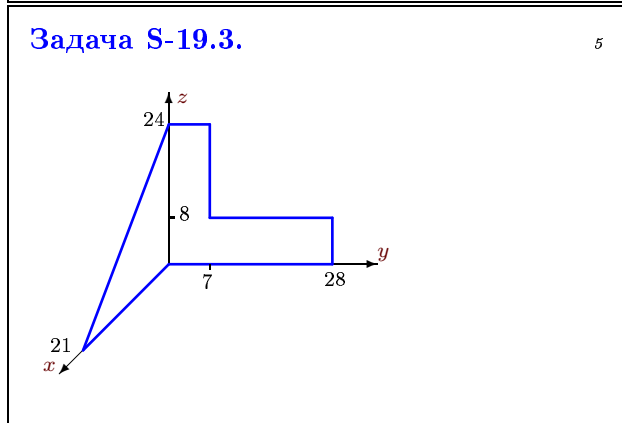
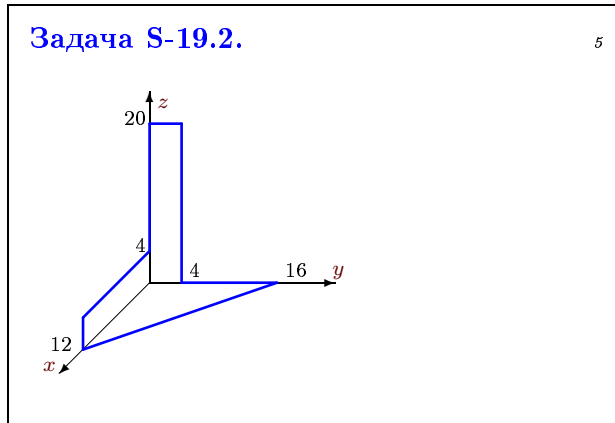
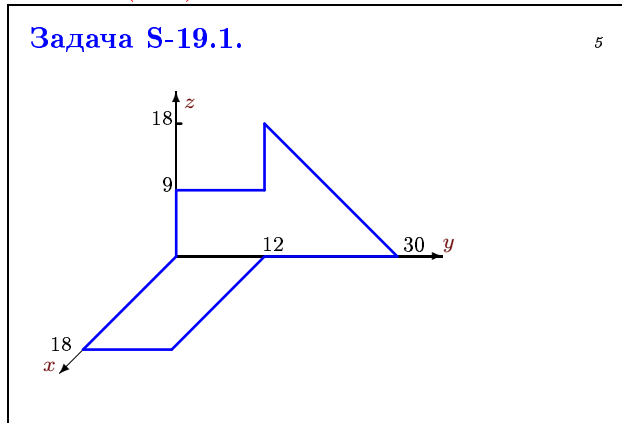


Центр тяжести тела, составленного из пластин

Найти координаты центра тяжести пространственной фигуры, состоящей из трех однородных пластин. Размеры даны в метрах.

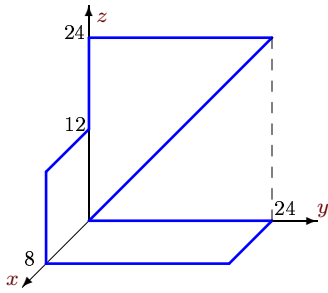
Кирсанов М.Н. Теоретическая механика. Сборник задач – М.: Инфра-М, 2014. — 430 с. (с.135)

Кирсанов М.Н. Решения задач по теоретической механике. – М.: Инфра-М, 2015. — 216 с. (с.78)



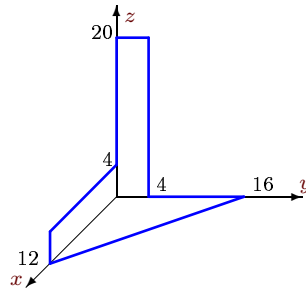
Задача S-19.7.

5



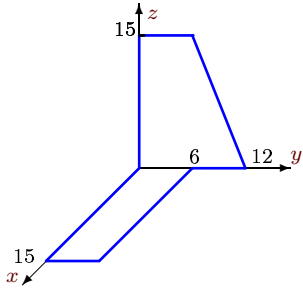
Задача S-19.8.

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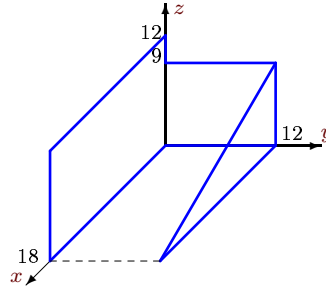
Задача S-19.9.

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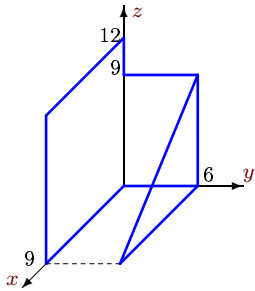
Задача S-19.10.

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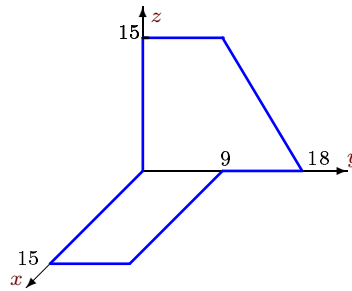
Задача S-19.11.

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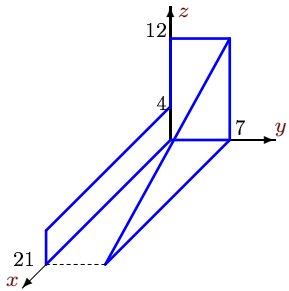
Задача S-19.12.

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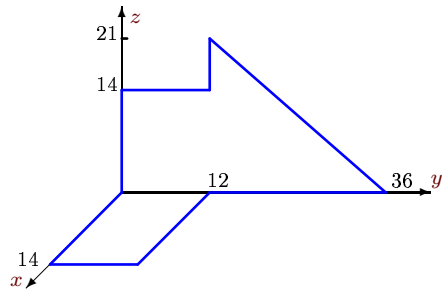
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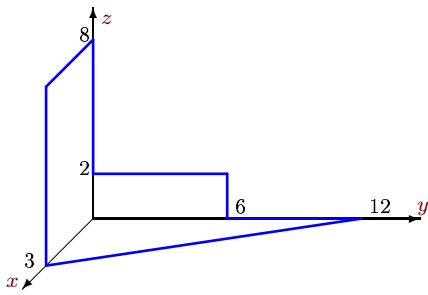
Задача S-19.14.

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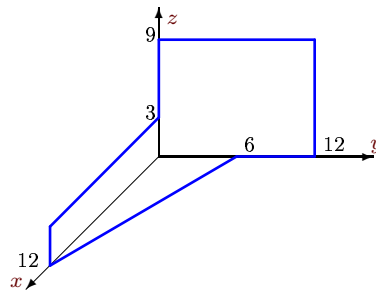
Задача S-19.15.

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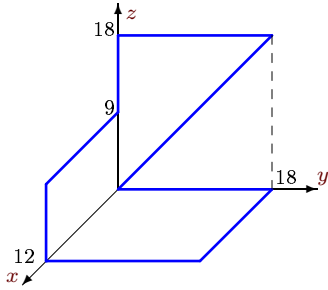
Задача S-19.16.

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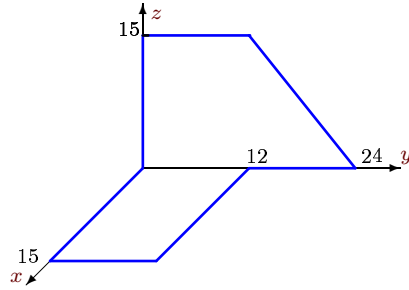
Задача S-19.17.

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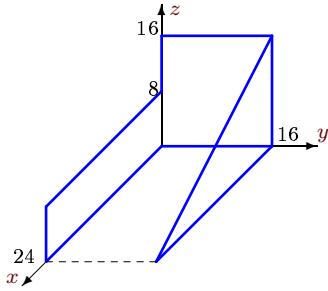
Задача S-19.18.

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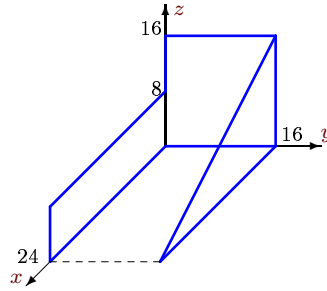
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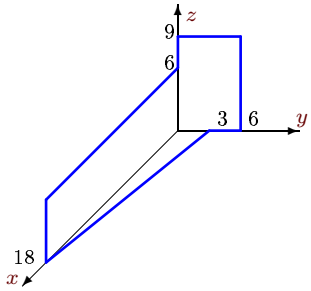
Задача S-19.20.

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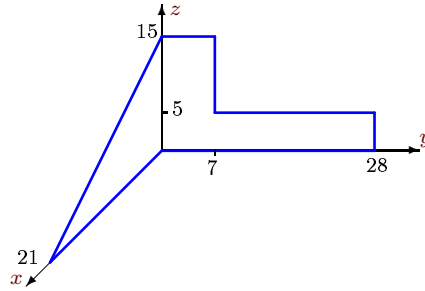
Задача S-19.21.

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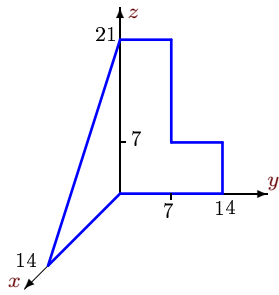
Задача S-19.22.

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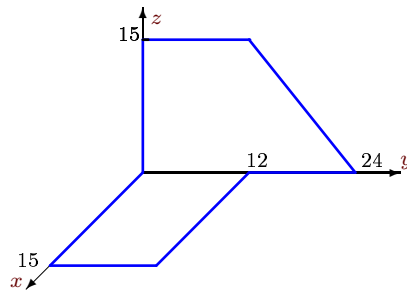
Задача S-19.23.

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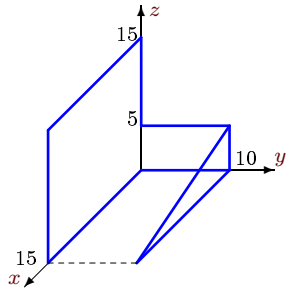
Задача S-19.24.

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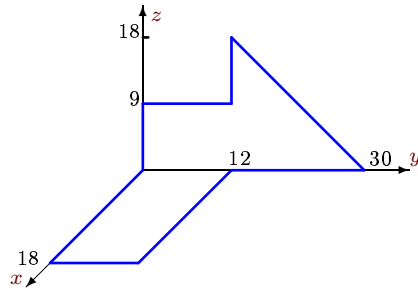
Задача S-19.25.

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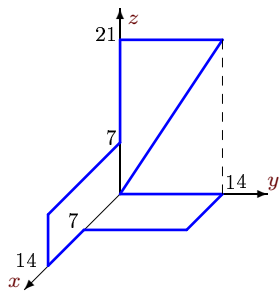
Задача S-19.26.

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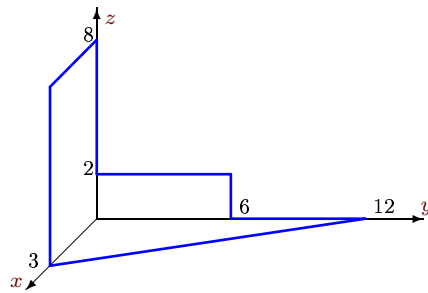
Задача S-19.27.

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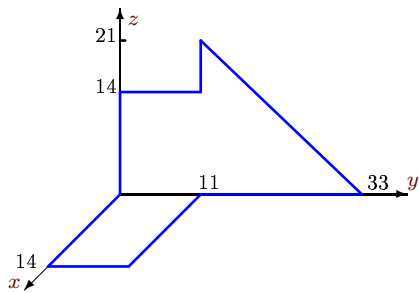
Задача S-19.28.

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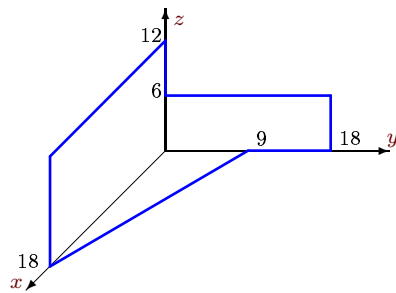
Задача S-19.29.

5



Задача S-19.30.

5



Ответы.**Центр тяжести тела, составленного из пластин**

17.02.2015

№	x_c	y_c	z_c	F
1	4	10	3	486.0
2	3	3	4	224.0
3	3	6	8	588.0
4	6	3	4	405.0
5	2	9	5	360.0
6	2	11	5	539.0
7	2	8	9	576.0
8	3	3	4	224.0
9	3	4	4	225.0
10	6	4	5	405.0
11	3	2	5	202.5
12	3	6	4	337.5
13	6	4	4	294.0
14	2	12	5	588.0
15	1	2	2	54.0
16	2	4	3	180.0
17	4	6	5	486.0
18	3	8	4	450.0
19	6	8	6	640.0
20	6	8	6	640.0
21	6	1	3	189.0
22	3	6	5	367.5
23	2	3	8	343.0
24	3	8	4	450.0
25	6	2	6	312.5
26	4	10	3	486.0
27	3	4	7	343.0
28	1	2	2	54.0
29	2	11	5	539.0
30	6	3	4	405.0

S-19 файл о19s5A