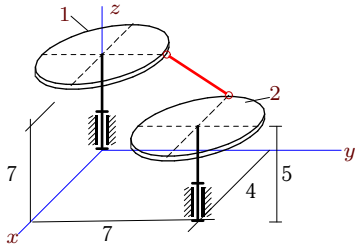


## Механизм из 3 тел в пространстве

Механизм состоит из двух дисков, соединенных сферическими шарнирами со стержнем. Оси вращения дисков параллельны соответствующим осям координат, размеры даны в сантиметрах. Известна угловая скорость диска 1. Найти угловую скорость диска 2 в заданном положении механизма.

**Задача К-34.1.**

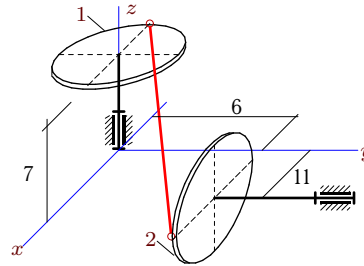
3



$$\omega_{1z} = -7 \text{ с}^{-1}, R_1 = 6, R_2 = 7.$$

**Задача К-34.2.**

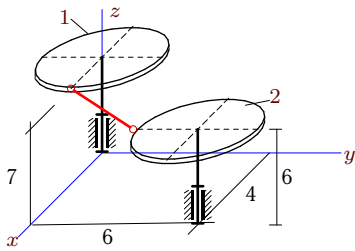
3



$$\omega_{1z} = 3 \text{ с}^{-1}, R_1 = 7, R_2 = 9.$$

**Задача К-34.3.**

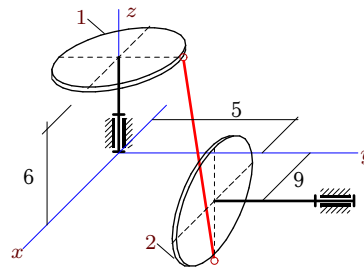
3



$$\omega_{1z} = 7 \text{ с}^{-1}, R_1 = 5, R_2 = 7.$$

**Задача К-34.4.**

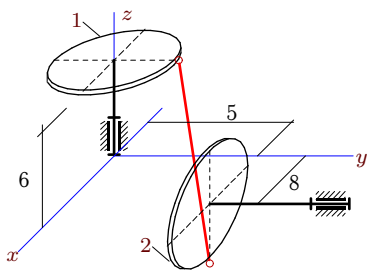
3



$$\omega_{1z} = 7 \text{ с}^{-1}, R_1 = 6, R_2 = 7.$$

**Задача К-34.5.**

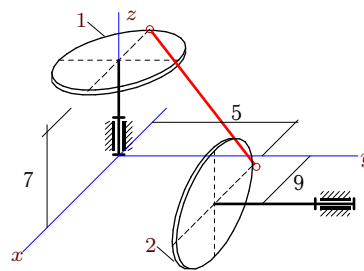
3



$$\omega_{1z} = 6 \text{ с}^{-1}, R_1 = 5, R_2 = 6.$$

**Задача К-34.6.**

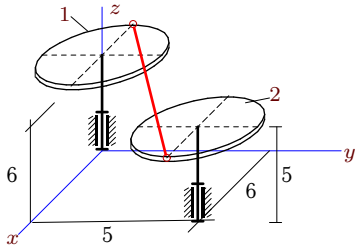
3



$$\omega_{1z} = 42 \text{ с}^{-1}, R_1 = 5, R_2 = 6.$$

**Задача К-34.7.**

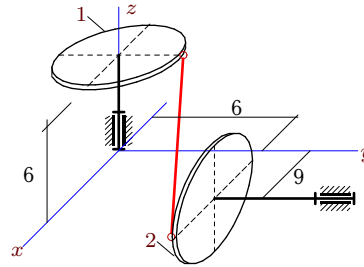
3



$$\omega_{1z} = 9 \text{ c}^{-1}, R_1 = 7, R_2 = 9.$$

**Задача К-34.8.**

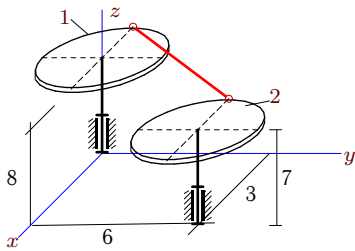
3



$$\omega_{1z} = 7 \text{ c}^{-1}, R_1 = 6, R_2 = 7.$$

**Задача К-34.9.**

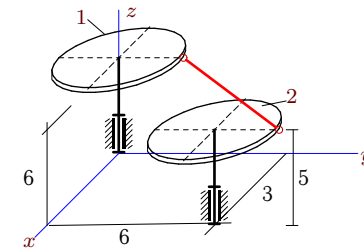
3



$$\omega_{1z} = 8 \text{ c}^{-1}, R_1 = 5, R_2 = 8.$$

**Задача К-34.10.**

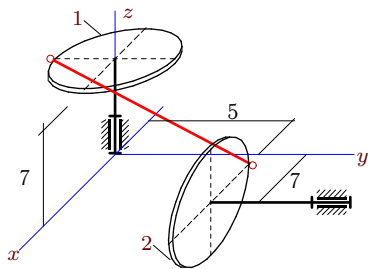
3



$$\omega_{1z} = 4 \text{ c}^{-1}, R_1 = 6, R_2 = 8.$$

**Задача К-34.11.**

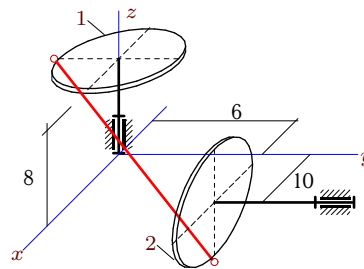
3



$$\omega_{1z} = -35 \text{ c}^{-1}, R_1 = 4, R_2 = 5.$$

**Задача К-34.12.**

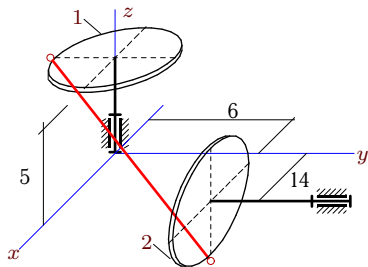
3



$$\omega_{1z} = -8 \text{ c}^{-1}, R_1 = 7, R_2 = 8.$$

**Задача К-34.13.**

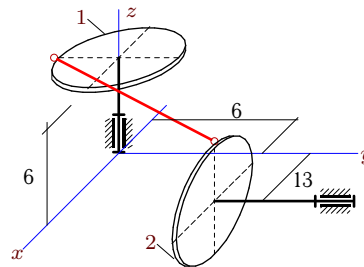
3



$$\omega_{1z} = -11 \text{ c}^{-1}, R_1 = 8, R_2 = 11.$$

**Задача К-34.14.**

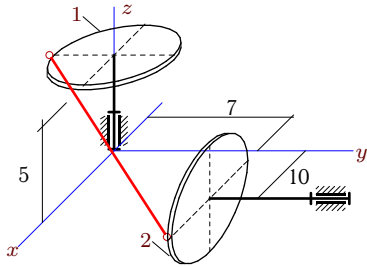
3



$$\omega_{1z} = 130 \text{ c}^{-1}, R_1 = 7, R_2 = 10.$$

**Задача К-34.15.**

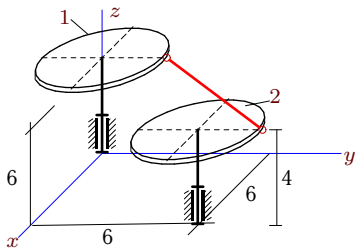
3



$\omega_{1z} = 20 \text{ c}^{-1}, R_1 = 7, R_2 = 8.$

**Задача К-34.17.**

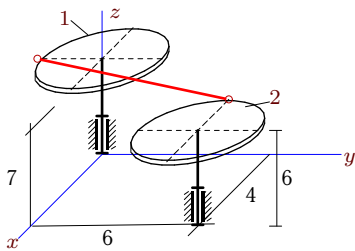
3



$\omega_{1z} = 7 \text{ c}^{-1}, R_1 = 6, R_2 = 7.$

**Задача К-34.19.**

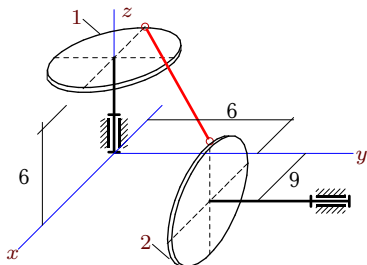
3



$\omega_{1z} = 18 \text{ c}^{-1}, R_1 = 6, R_2 = 9.$

**Задача К-34.21.**

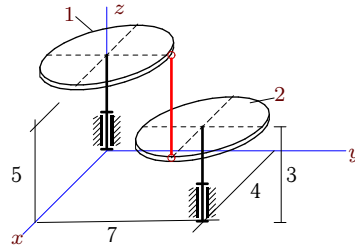
3



$\omega_{1z} = 64 \text{ c}^{-1}, R_1 = 7, R_2 = 8.$

**Задача К-34.16.**

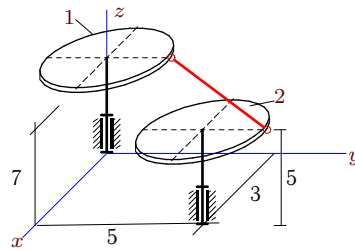
3



$\omega_{1z} = 1 \text{ c}^{-1}, R_1 = 6, R_2 = 8.$

**Задача К-34.18.**

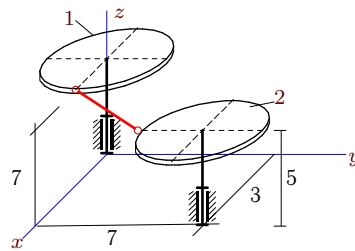
3



$\omega_{1z} = 9 \text{ c}^{-1}, R_1 = 7, R_2 = 9.$

**Задача К-34.20.**

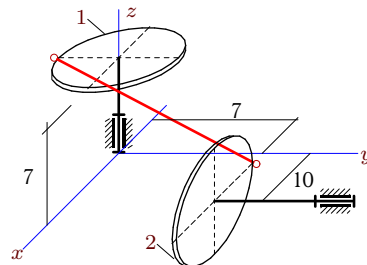
3



$\omega_{1z} = 18 \text{ c}^{-1}, R_1 = 7, R_2 = 9.$

**Задача К-34.22.**

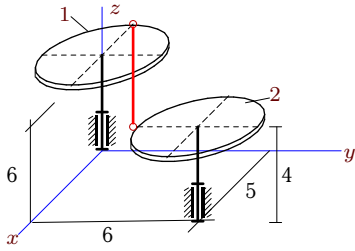
3



$\omega_{1z} = -14 \text{ c}^{-1}, R_1 = 6, R_2 = 8.$

**Задача К-34.23.**

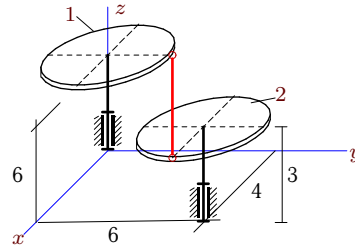
3



$$\omega_{1z} = 22 \text{ c}^{-1}, R_1 = 6, R_2 = 8.$$

**Задача К-34.24.**

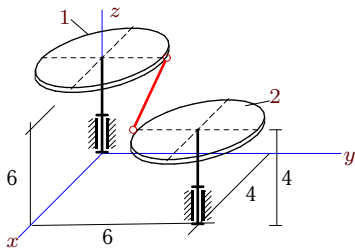
3



$$\omega_{1z} = 11 \text{ c}^{-1}, R_1 = 8, R_2 = 11.$$

**Задача К-34.25.**

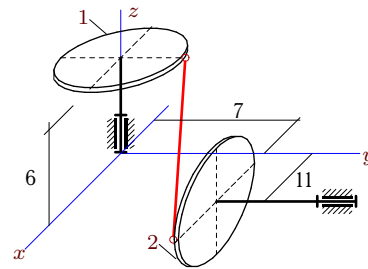
3



$$\omega_{1z} = 7 \text{ c}^{-1}, R_1 = 6, R_2 = 7.$$

**Задача К-34.26.**

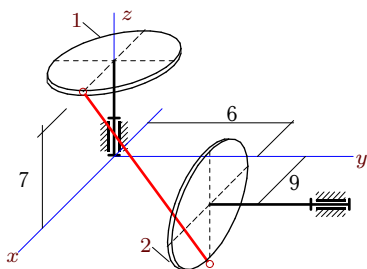
3



$$\omega_{1z} = 9 \text{ c}^{-1}, R_1 = 6, R_2 = 9.$$

**Задача К-34.27.**

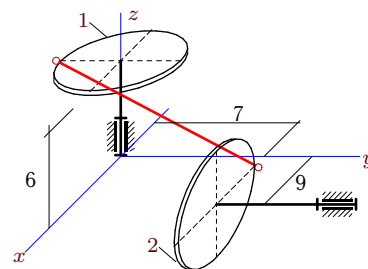
3



$$\omega_{1z} = -2 \text{ c}^{-1}, R_1 = 6, R_2 = 8.$$

**Задача К-34.28.**

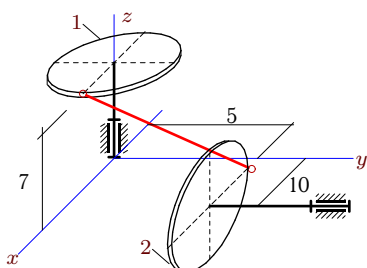
3



$$\omega_{1z} = -8 \text{ c}^{-1}, R_1 = 6, R_2 = 8.$$

**Задача К-34.29.**

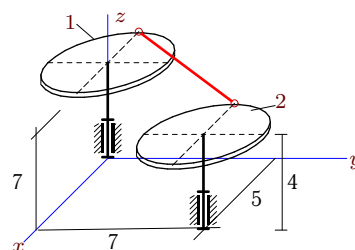
3



$$\omega_{1z} = -28 \text{ c}^{-1}, R_1 = 6, R_2 = 8.$$

**Задача К-34.30.**

3



$$\omega_{1z} = 7 \text{ c}^{-1}, R_1 = 6, R_2 = 7.$$

К-34

**Ответы.**

**Механизм из 3 тел в пространстве**

18.12.2013

№	$\omega_{2z}$
1	18
2	-2
3	5
4	6
5	5
6	25
7	-7
8	-16
9	5
10	3
11	8
12	7
13	8
14	91
15	63
16	-9
17	6
18	7
19	5
20	7
21	-21
22	3
23	3
24	60
25	-6
26	-20
27	3
28	1
29	15
30	6

К-34 файл о34к3А