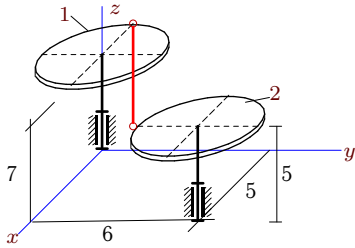


## Механизм из 3 тел в пространстве

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.**

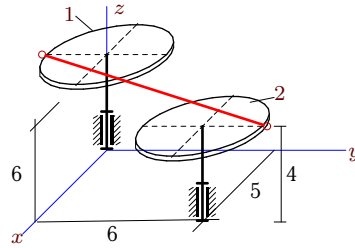
4



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

**Задача К-34.2.**

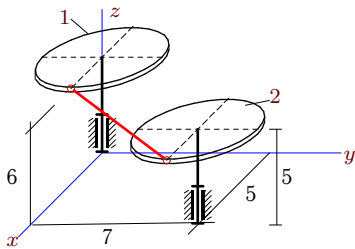
4



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

**Задача К-34.3.**

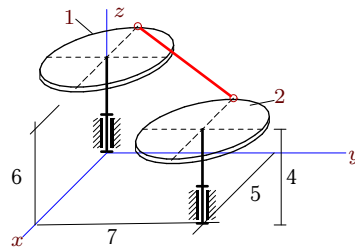
4



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

**Задача К-34.4.**

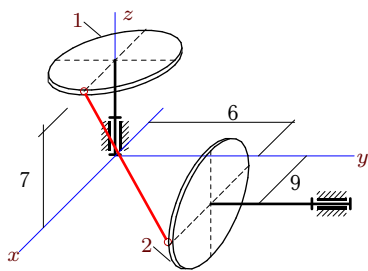
4



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

**Задача К-34.5.**

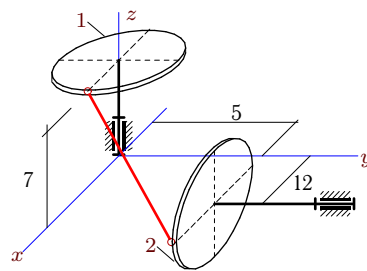
4



$$\omega_{1z} = 49 \text{ c}^{-1}, R_1 = 5, R_2 = 7.$$

**Задача К-34.6.**

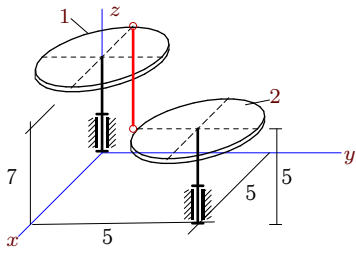
4



$$\omega_{1z} = 7 \text{ c}^{-1}, R_1 = 8, R_2 = 10.$$

**Задача К-34.7.**

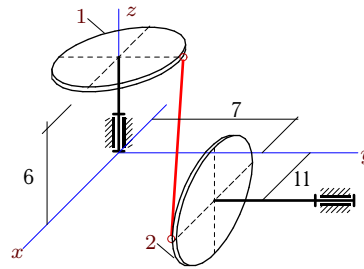
4



$$\omega_{1z} = 27 \text{ c}^{-1}, R_1 = 4, R_2 = 6.$$

**Задача К-34.8.**

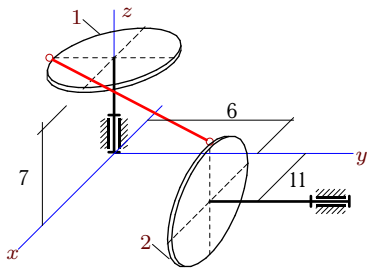
4



$$\omega_{1z} = 20 \text{ c}^{-1}, R_1 = 7, R_2 = 10.$$

**Задача К-34.9.**

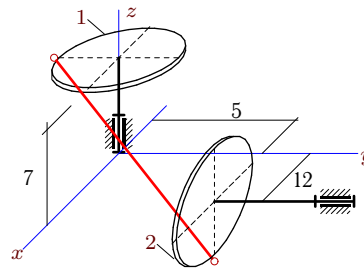
4



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

**Задача К-34.10.**

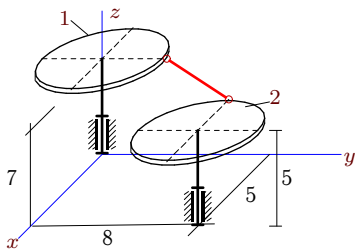
4



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

**Задача К-34.11.**

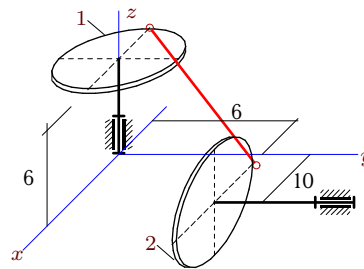
4



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

**Задача К-34.12.**

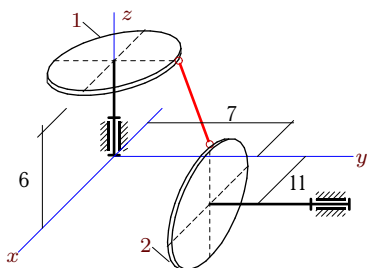
4



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

**Задача К-34.13.**

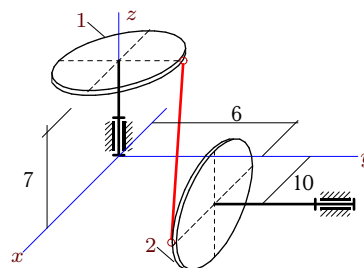
4



$$\omega_{1z} = 9 \text{ c}^{-1}, R_1 = 8, R_2 = 9.$$

**Задача К-34.14.**

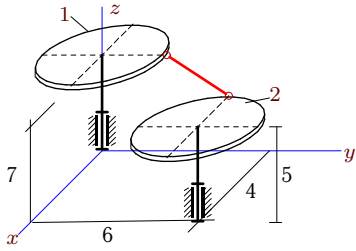
4



$$\omega_{1z} = 49 \text{ c}^{-1}, R_1 = 5, R_2 = 7.$$

**Задача К-34.15.**

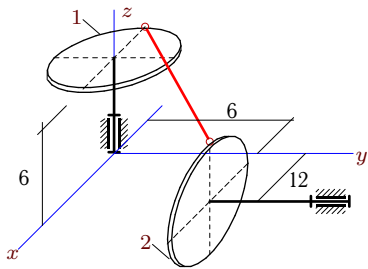
4



$$\omega_{1z} = -3 \text{ c}^{-1}, R_1 = 5, R_2 = 6.$$

**Задача К-34.17.**

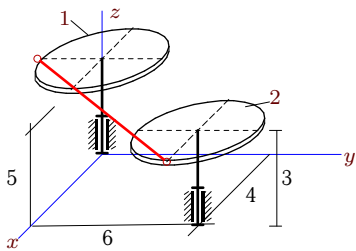
4



$$\omega_{1z} = 95 \text{ c}^{-1}, R_1 = 7, R_2 = 10.$$

**Задача К-34.19.**

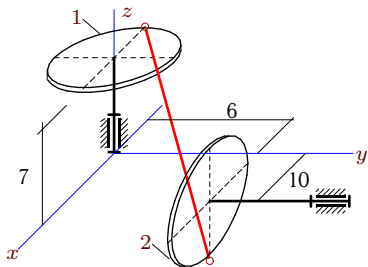
4



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

**Задача К-34.21.**

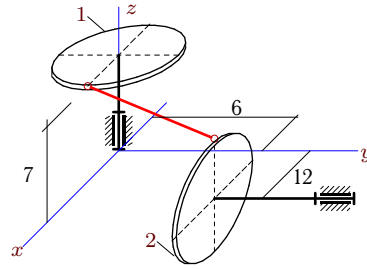
4



$$\omega_{1z} = 4 \text{ c}^{-1}, R_1 = 6, R_2 = 9.$$

**Задача К-34.16.**

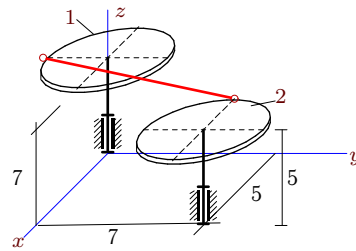
4



$$\omega_{1z} = 25 \text{ c}^{-1}, R_1 = 7, R_2 = 10.$$

**Задача К-34.18.**

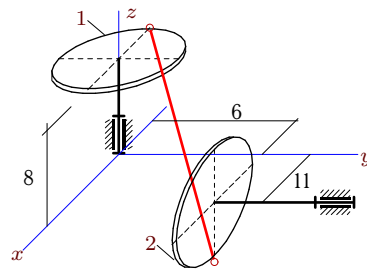
4



$$\omega_{1z} = 91 \text{ c}^{-1}, R_1 = 6, R_2 = 7.$$

**Задача К-34.20.**

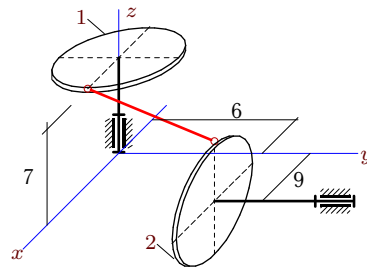
4



$$\omega_{1z} = 17 \text{ c}^{-1}, R_1 = 6, R_2 = 9.$$

**Задача К-34.22.**

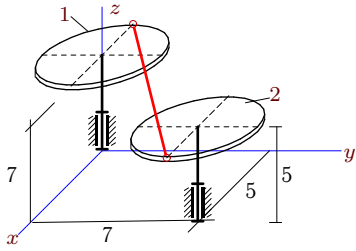
4



$$\omega_{1z} = 14 \text{ c}^{-1}, R_1 = 5, R_2 = 7.$$

**Задача К-34.23.**

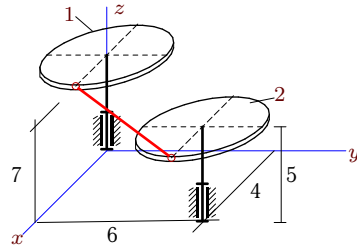
4



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

**Задача К-34.24.**

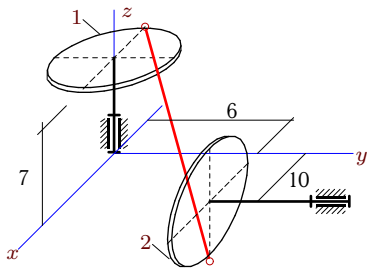
4



$\omega_{1z} = 3 \text{ c}^{-1}, R_1 = 6, R_2 = 9.$

**Задача К-34.25.**

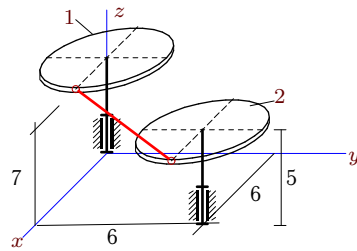
4



$\omega_{1z} = 68 \text{ c}^{-1}, R_1 = 7, R_2 = 8.$

**Задача К-34.26.**

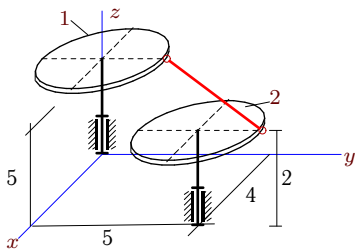
4



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

**Задача К-34.27.**

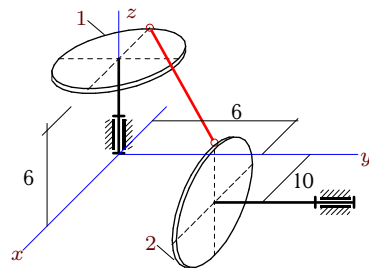
4



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

**Задача К-34.28.**

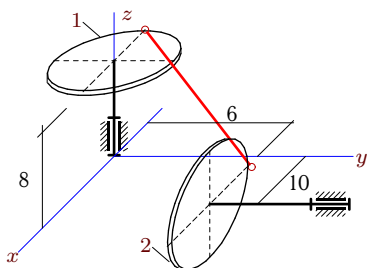
4



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

**Задача К-34.29.**

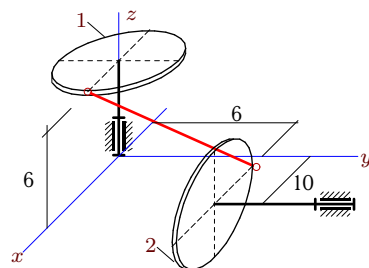
4



$\omega_{1z} = 2 \text{ c}^{-1}, R_1 = 6, R_2 = 9.$

**Задача К-34.30.**

4



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

К-34

**Ответы.**

**Механизм из 3 тел в пространстве**

18.12.2013

№	$\omega_{2z}$
1	3
2	3
3	7
4	5
5	30
6	4
7	2
8	-49
9	5
10	7
11	28
12	7
13	-8
14	-85
15	5
16	21
17	-21
18	12
19	3
20	4
21	1
22	15
23	-5
24	2
25	21
26	3
27	6
28	-2
29	1
30	3

К-34 файл о34к4А