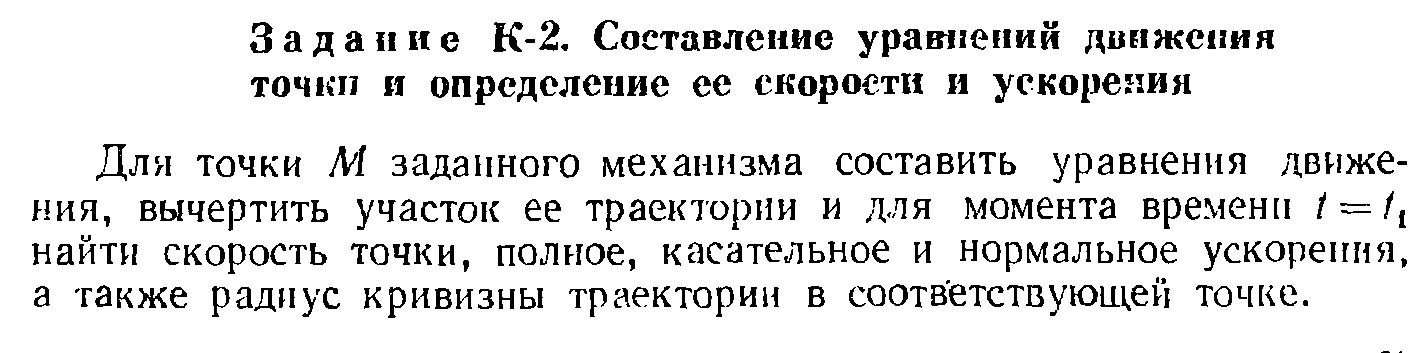
1.Определение реакций опор твердого тела.

Найти реакции опор конструкции (размеры в м)



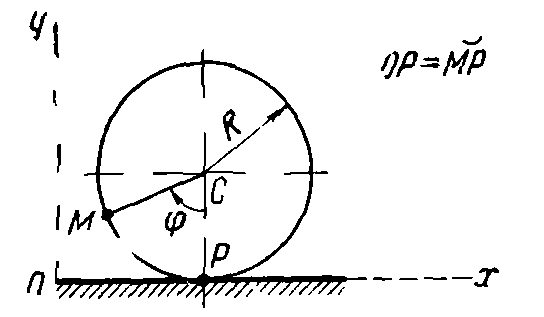
Нагрузка:

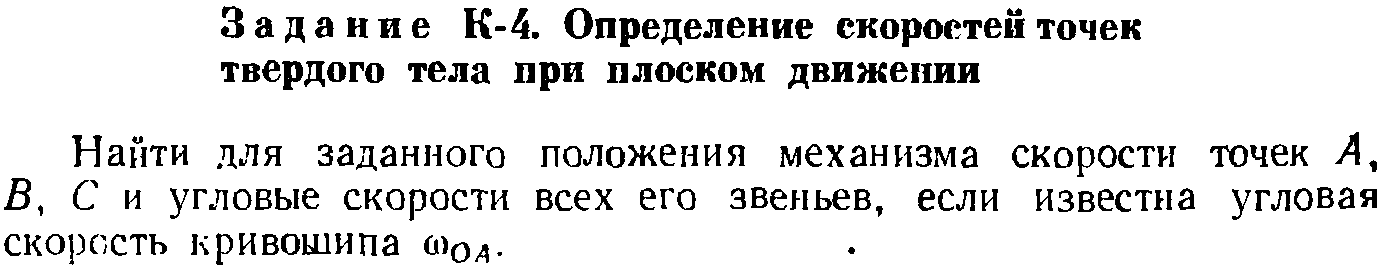
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| G | P | М,  кНм | q,  кН м | α , град. |
| кН | |
| 12 | 8 | 10 | 4 | 60 |

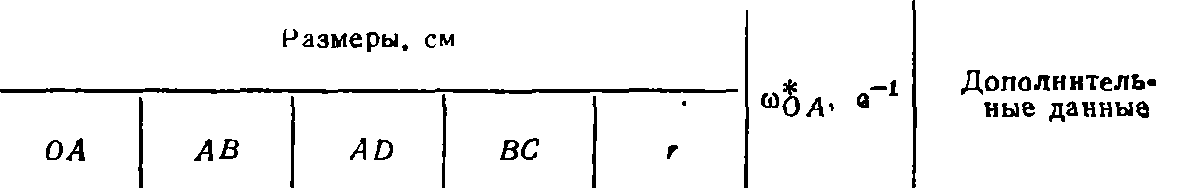


|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Размеры звеньев механизмов, см. | | | φ =φ (t) рад | s = s (t), см. | , с |
| l | R | r |
| - | 50 | - | 3 πt | - | 1/9 |

Схемы механизмов:

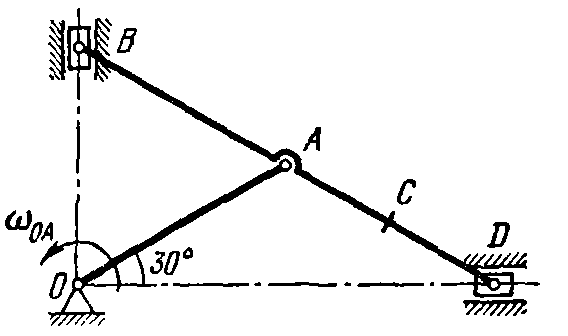


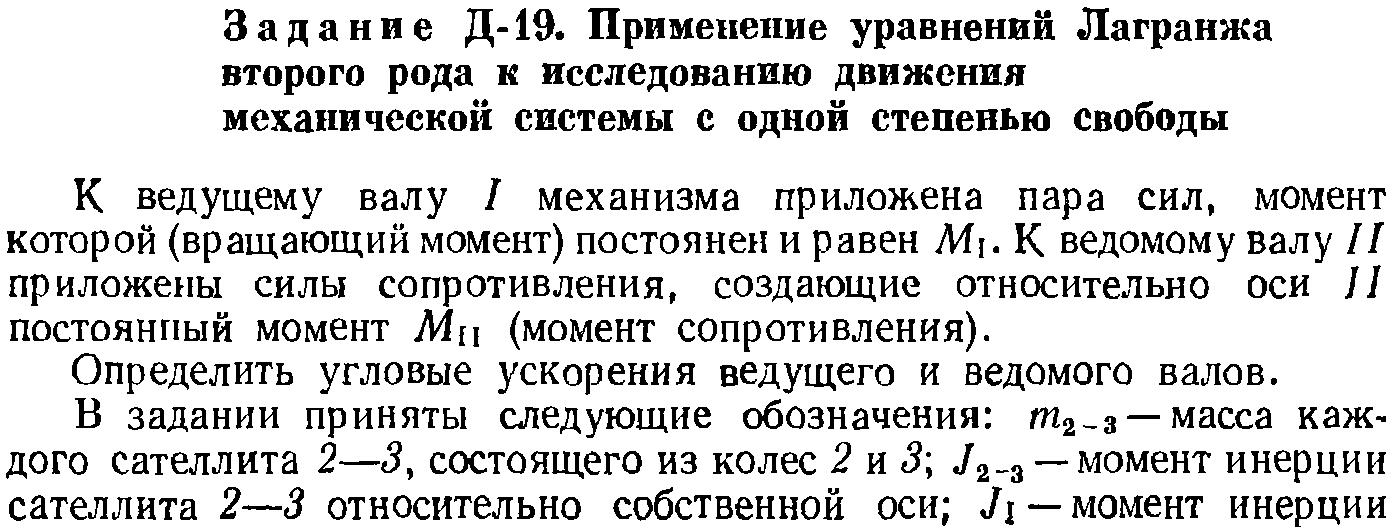


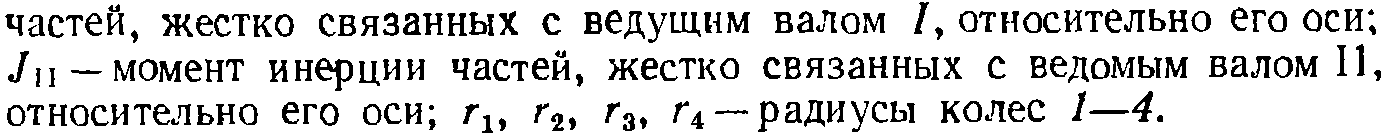


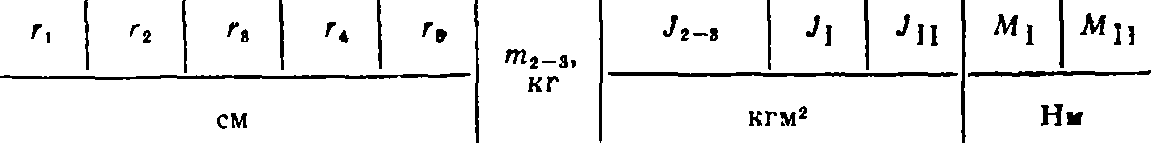
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 40 | 40 | 40 | 60 | - | 1,5 | - |

Схема механизма:









|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 20 | 5 | 10 | 15 | - | 45 | 0,8 | 12 | 2,0 | 170 | 90 |

