***Симплекс метод***

**№1**



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | 1 | | 0 | -2 | 4 | ***1*** | -1 | 0 | 3 | | 0 | 4 | -3 | -1 | 1 | 1 | 6 | | 0 | 1 | 4 | 1 | 0 | 1 | 15 | | f | 1 | -1 | 0 | 0 | 0 | 0 | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  | 0 |  |  | 1 | |  | -2 | 4 | 1 | -1 | 0 | 3 | | 0 | 2 | 1 | 1 | 0 | 1 | 9 | | 0 | 3 | 0 | -1 | 1 | 1 | 12 | | f | 1 | -1 | 0 | 0 | 0 | 0 | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  | 1 | |  | -2 | 4 | -1 | 0 | 3 | | 0 | 2 | ***1*** | 0 | 1 | 9 | | 0 | 3 | 0 | 1 | 1 | 12 | | f | 1 | -1 | 0 | 0 | 0 | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  | 0 |  |  | 1 | |  | -10 | -4 | -1 | -4 | -33 | |  | 2 | 1 | 0 | 1 | 9 | | 0 | 3 | 0 | 1 | 1 | 12 | | f | 3 | 1 | 0 | 1 | 9 | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  | 1 | |  | -10 | -1 | -4 | -33 | |  | 2 | 0 | 1 | 9 | | 0 | 3 | 1 | ***1*** | 12 | | f | 3 | 0 | 1 | 9 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  | 0 | 1 | |  | 2 | 3 | 4 | 15 | |  | -1 | -1 | -1 | -3 | |  | 3 | 1 | 1 | 12 | | f | 0 | -1 | -1 | -3 | |
| |  |  |  |  | | --- | --- | --- | --- | |  |  |  | 1 | |  | 2 | 3 | 15 | |  | -1 \* | -1 | -3 | |  | 3 | 1 | 12 | | f | 0 | -1 | -3 | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  | 1 | |  | 2 | 1 | 9 | |  | -1 | 1 | 3 | |  | 3 | -2 | 3 | | f | 0 | -1 | -3 | |



**№2**





|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  | 1 | | 0 | 0 | 10 | ***1*** | 2 | 3 | 25 | | 0 | -1 | 5 | 1 | 1 | 1 | 10 | | 0 | 2 | -1 | 1 | -3 | 0 | 6 | | f | -1 | -2 | -1 | 1 | 0 | 0 | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  | 0 |  |  | 1 | |  | 0 | 10 | 1 | 2 | 3 | 25 | | 0 | -1 | -5 | -1 | -1 | -2 | -15 | | 0 | 2 | -11 | -1 | -5 | -3 | -19 | | f | -1 | 8 | 1 | 3 | 3 | 25 | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  |  |  | 1 | |  | 0 | 10 | 2 | 3 | 25 | | 0 | ***-1*** | -5 | -1 | -2 | -15 | | 0 | 2 | -11 | -5 | -3 | -19 | | f | -1 | 8 | 3 | 3 | 25 | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | 0 |  |  |  | 1 | |  | 0 | 10 | 2 | 3 | 25 | |  | -1 | 5 | 1 | 2 | 15 | | 0 | 2 | -21 | -7 | -7 | -49 | | f | -1 | 13 | 2 | 5 | 40 | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  | 1 | |  | 10 | 2 | 3 | 25 | |  | 5 | 1 | 2 | 15 | | 0 | -21 | -7 | ***-7*** | -49 | | f | 13 | 2 | 5 | 40 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  | 0 | 1 | |  | 1 | -1 | 3/7 | 4 | |  | -1 | -1 | 2/7 | 1 | |  | 3 | 1 | -1/7 | 7 | | f | -2 | -3 | 5/7 | 5 | |
| |  |  |  |  | | --- | --- | --- | --- | |  |  |  | 1 | |  | 1 | -1 | 4 | |  | -1 | -1 | 1 | |  | 3 | 1 | 7 | | f | -2 | -3 | 5 | |  |



**№9**



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | |  |  |  | 1 | |  | -1 | ***1*** | 0 | |  | 2 | 1 | 3 | |  | 1 | -1 | 1 | | f | -1 | -2 | 0 | | |  |  |  |  | | --- | --- | --- | --- | |  |  |  | 1 | |  | -1 | 1 | 0 | |  | ***3*** | -1 | 3 | |  | 0 | 1 | 1 | | f | 1 | -2 | 0 | |
| |  |  |  |  | | --- | --- | --- | --- | |  |  |  | 1 | |  | 1/3 | 2/3 | 1 | |  | 1/3 | -1/3 | 1 | |  | 0 | 1 | 1 | | f | -1/3 | -5/3 | -1 | |  |



**№13**



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  | 1 | | 0 | -1 | ***1*** | 1 | 2 | | 0 | 3 | -1 | 1 | 0 | | f | 1 | 1 | 1 | 0 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  | 0 |  | 1 | |  | -1 | -1 | 1 | 2 | | 0 | 2 | 1 | 2 | 2 | | f | 2 | -1 | 0 | -2 | |
| |  |  |  |  | | --- | --- | --- | --- | |  |  |  | 1 | |  | -1 | 1 | 2 | | 0 | ***2*** | 2 | 2 | | f | 2 | 0 | -2 | | |  |  |  |  | | --- | --- | --- | --- | |  | 0 |  | 1 | |  | -1/2 | 2 | 3 | |  | 1/2 | 1 | 1 | | f | -1 | -2 | -4 | |

