Векторная алгебра

Найти значение x

Задача 12.1.
$\vec{a} = \{4, 4, 1\}$, $\vec{b} = \{1, 3, -4\}$,
$\vec{c} = \{1, -4, 3\}$, $\vec{d} = \{1, 1, -2\}$,
$x = ([\vec{a} + \vec{b} + \vec{c}, \vec{d}\,], \vec{a}\,)$

Задача 12.2.
$\vec{a} = \{5, 6, 4\}$, $\vec{b} = \{1, 2, -5\}$,
$\vec{c} = \{3, -4, 2\}$, $\vec{d} = \{2, 2, -5\}$,
$x = ([\vec{a} + \vec{b}, \vec{c}\,], \vec{c} + \vec{d}\,)$

Задача 12.3.
$\vec{a} = \{4, 3, 7\}$, $\vec{b} = \{5, 7, 0\}$,
$\vec{c} = \{3, -4, 2\}$, $\vec{d} = \{2, 1, -2\}$,
$x = ([\vec{a} + \vec{b} + \vec{c}, \vec{d}\,], \vec{a}\,)$

Задача 12.4.
$\vec{a} = \{2, 5, 2\}$, $\vec{b} = \{5, 3, 2\}$,
$\vec{c} = \{2, -1, 1\}$, $\vec{d} = \{2, 2, -5\}$,
$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}\,], \vec{a}\,)$

Задача 12.5.
$\vec{a} = \{2, 5, 2\}$, $\vec{b} = \{6, 2, 3\}$,
$\vec{c} = \{3, -1, 3\}$, $\vec{d} = \{3, 2, -3\}$,
$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}\,], \vec{a}\,)$

Задача 12.6.
$\vec{a} = \{5, 5, 6\}$, $\vec{b} = \{6, 2, 0\}$,
$\vec{c} = \{3, -5, 2\}$, $\vec{d} = \{3, 1, -4\}$,
$x = ([\vec{a} + \vec{b}, \vec{c}\,], \vec{c} + \vec{d}\,)$

Задача 12.7.
$\vec{a} = \{3, 6, 3\}$, $\vec{b} = \{2, 5, -2\}$,
$\vec{c} = \{2, -3, 2\}$, $\vec{d} = \{1, 1, -5\}$,
$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}\,], \vec{a}\,)$

Задача 12.8.
$\vec{a} = \{2, 5, 4\}$, $\vec{b} = \{1, 2, -2\}$,
$\vec{c} = \{3, 0, 1\}$, $\vec{d} = \{3, 3, -5\}$,
$x = ([\vec{a}, \vec{b}\,], \vec{b} + \vec{c} + \vec{d}\,)$

Задача 12.9.
$\vec{a} = \{2, 2, 4\}$, $\vec{b} = \{5, 3, 2\}$,
$\vec{c} = \{1, -2, 1\}$, $\vec{d} = \{1, 1, -2\}$,
$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}\,], \vec{a}\,)$

Задача 12.10.
$\vec{a} = \{4, 1, 6\}$, $\vec{b} = \{3, 2, -2\}$,
$\vec{c} = \{2, -2, 2\}$, $\vec{d} = \{1, 3, 0\}$,
$x = ([\vec{a} + \vec{b}, \vec{c}\,], \vec{c} + \vec{d}\,)$

Задача 12.11.
$\vec{a} = \{1, 6, 4\}$, $\vec{b} = \{4, 3, 2\}$,
$\vec{c} = \{3, 0, 2\}$, $\vec{d} = \{2, 2, -5\}$,
$x = ([\vec{a}, \vec{b}\,], \vec{b} + \vec{c} + \vec{d}\,)$

Задача 12.12.
$\vec{a} = \{4, 7, 5\}$, $\vec{b} = \{2, 4, -3\}$,
$\vec{c} = \{1, -2, 1\}$, $\vec{d} = \{2, 3, -7\}$,
$x = ([\vec{a} + \vec{b} + \vec{c}, \vec{d}\,], \vec{a}\,)$

Задача 12.13.
$\vec{a} = \{5, 1, 3\}$, $\vec{b} = \{5, 6, -1\}$,
$\vec{c} = \{2, -3, 2\}$, $\vec{d} = \{1, 3, 0\}$,
$x = ([\vec{a} + \vec{b}, \vec{c}\,], \vec{c} + \vec{d}\,)$

Задача 12.14.
$\vec{a} = \{4, 1, 6\}$, $\vec{b} = \{7, 7, 2\}$,
$\vec{c} = \{2, -2, 2\}$, $\vec{d} = \{2, 3, 0\}$,
$x = ([\vec{a} + \vec{b} + \vec{c}, \vec{d}\,], \vec{a}\,)$

Задача 12.15. *II*

$\vec{a} = \{2, 2, 1\}, \vec{b} = \{4, 2, 1\},$

$\vec{c} = \{1, 0, 3\}, \vec{d} = \{3, 3, 0\},$

$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}\,], \vec{a}\,)$

Задача 12.16. *II*

$\vec{a} = \{2, 6, 3\}, \vec{b} = \{6, 6, 3\},$

$\vec{c} = \{1, 0, 1\}, \vec{d} = \{3, 3, -6\},$

$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}\,], \vec{a}\,)$

Задача 12.17. *II*

$\vec{a} = \{4, 6, 7\}, \vec{b} = \{1, 5, -4\},$

$\vec{c} = \{3, -2, 3\}, \vec{d} = \{1, 3, -4\},$

$x = ([\vec{a} + \vec{b} + \vec{c}, \vec{d}\,], \vec{a}\,)$

Задача 12.18. *II*

$\vec{a} = \{1, 7, 2\}, \vec{b} = \{5, 3, 3\},$

$\vec{c} = \{2, 0, 3\}, \vec{d} = \{1, 2, -5\},$

$x = ([\vec{a}, \vec{b}\,], \vec{b} + \vec{c} + \vec{d}\,)$

Задача 12.19. *II*

$\vec{a} = \{3, 3, 5\}, \vec{b} = \{2, 5, -2\},$

$\vec{c} = \{3, -3, 3\}, \vec{d} = \{3, 1, -1\},$

$x = ([\vec{a} + \vec{b} + \vec{c}, \vec{d}\,], \vec{a}\,)$

Задача 12.20. *II*

$\vec{a} = \{4, 2, 6\}, \vec{b} = \{5, 6, 0\},$

$\vec{c} = \{1, -2, 3\}, \vec{d} = \{2, 3, 0\},$

$x = ([\vec{a} + \vec{b} + \vec{c}, \vec{d}\,], \vec{a}\,)$

Задача 12.21. *II*

$\vec{a} = \{1, 5, 4\}, \vec{b} = \{5, 6, 3\},$

$\vec{c} = \{2, 1, 2\}, \vec{d} = \{3, 3, -4\},$

$x = ([\vec{a}, \vec{b}\,], \vec{b} + \vec{c} + \vec{d}\,)$

Задача 12.22. *II*

$\vec{a} = \{4, 5, 1\}, \vec{b} = \{4, 4, -1\},$

$\vec{c} = \{2, -3, 1\}, \vec{d} = \{1, 2, -5\},$

$x = ([\vec{a} + \vec{b}, \vec{c}\,], \vec{c} + \vec{d}\,)$

Задача 12.23. *II*

$\vec{a} = \{4, 5, 5\}, \vec{b} = \{3, 2, -2\},$

$\vec{c} = \{1, -2, 1\}, \vec{d} = \{3, 3, -5\},$

$x = ([\vec{a} + \vec{b} + \vec{c}, \vec{d}\,], \vec{a}\,)$

Задача 12.24. *II*

$\vec{a} = \{4, 6, 7\}, \vec{b} = \{7, 7, 2\},$

$\vec{c} = \{2, -4, 2\}, \vec{d} = \{2, 1, -5\},$

$x = ([\vec{a} + \vec{b} + \vec{c}, \vec{d}\,], \vec{a}\,)$

Задача 12.25. *II*

$\vec{a} = \{5, 4, 2\}, \vec{b} = \{3, 2, -3\},$

$\vec{c} = \{3, -4, 1\}, \vec{d} = \{3, 2, -4\},$

$x = ([\vec{a} + \vec{b}, \vec{c}\,], \vec{c} + \vec{d}\,)$

Задача 12.26. *II*

$\vec{a} = \{2, 2, 7\}, \vec{b} = \{6, 6, 3\},$

$\vec{c} = \{1, -1, 3\}, \vec{d} = \{1, 2, 0\},$

$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}\,], \vec{a}\,)$

Задача 12.27. *II*

$\vec{a} = \{2, 2, 7\}, \vec{b} = \{2, 1, -1\},$

$\vec{c} = \{2, 0, 3\}, \vec{d} = \{1, 3, 0\},$

$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}\,], \vec{a}\,)$

Задача 12.28. *II*

$\vec{a} = \{3, 4, 6\}, \vec{b} = \{5, 5, 1\},$

$\vec{c} = \{2, -2, 1\}, \vec{d} = \{2, 2, -4\},$

$x = ([\vec{a} + \vec{b}, \vec{c} + \vec{d}\,], \vec{a}\,)$

Векторная алгебра

1	27
2	234
3	42
4	98
5	72
6	432
7	-114
8	-80
9	-28
10	-4
11	91
12	112
13	-28
14	62
15	-6
16	156
17	117
18	123
19	10
20	36
21	61
22	203
23	157
24	263
25	184
26	-36
27	15
28	-89

Векторная алгебра