

ИСХОДНЫЕ ДАННЫЕ

| № варианта | Координаты вершин четырехгранника | | | | | | | | | | | |
|------------|-----------------------------------|----|----|-----|----|----|-----|----|----|-----|----|----|
| | А | | | В | | | С | | | D | | |
| | X | Y | Z | X | Y | Z | X | Y | Z | X | Y | Z |
| 1 | 60 | 60 | 0 | 110 | 0 | 50 | 10 | 0 | 20 | 0 | 50 | 70 |
| 2 | 100 | 60 | 50 | 110 | 10 | 20 | 35 | 0 | 70 | 0 | 40 | 0 |
| 3 | 110 | 35 | 0 | 40 | 0 | 70 | 0 | 30 | 15 | 30 | 65 | 30 |
| 4 | 30 | 60 | 35 | 110 | 30 | 25 | 20 | 0 | 70 | 0 | 35 | 0 |
| 5 | 45 | 0 | 65 | 0 | 45 | 10 | 70 | 10 | 0 | 120 | 65 | 50 |
| 6 | 110 | 20 | 10 | 0 | 5 | 45 | 45 | 60 | 60 | 25 | 0 | 0 |
| 7 | 50 | 70 | 60 | 0 | 0 | 50 | 100 | 10 | 20 | 30 | 60 | 0 |
| 8 | 40 | 5 | 65 | 0 | 50 | 10 | 110 | 25 | 0 | 75 | 65 | 50 |
| 9 | 110 | 35 | 0 | 60 | 10 | 60 | 0 | 0 | 50 | 25 | 60 | 25 |
| 10 | 20 | 50 | 45 | 0 | 20 | 0 | 55 | 60 | 10 | 100 | 0 | 60 |
| 11 | 30 | 15 | 50 | 10 | 5 | 20 | 70 | 10 | 20 | 50 | 50 | 10 |
| 12 | 50 | 0 | 0 | 0 | 25 | 15 | 20 | 60 | 40 | 100 | 10 | 60 |
| 13 | 90 | 60 | 15 | 0 | 20 | 0 | 0 | 40 | 60 | 25 | 0 | 25 |
| 14 | 0 | 0 | 60 | 110 | 70 | 0 | 25 | 60 | 55 | 0 | 20 | 10 |
| 15 | 50 | 0 | 55 | 0 | 50 | 10 | 75 | 25 | 0 | 100 | 75 | 50 |
| 16 | 100 | 35 | 0 | 50 | 30 | 40 | 0 | 0 | 50 | 30 | 75 | 10 |
| 17 | 0 | 0 | 50 | 100 | 40 | 0 | 25 | 60 | 60 | 0 | 20 | 10 |
| 18 | 0 | 0 | 60 | 120 | 10 | 0 | 25 | 40 | 80 | 0 | 20 | 10 |
| 19 | 0 | 60 | 35 | 20 | 20 | 10 | 90 | 40 | 0 | 55 | 0 | 60 |
| 20 | 45 | 0 | 60 | 0 | 45 | 10 | 70 | 55 | 0 | 100 | 70 | 50 |
| 21 | 100 | 70 | 0 | 0 | 0 | 60 | 0 | 20 | 10 | 25 | 50 | 25 |
| 22 | 0 | 50 | 40 | 0 | 30 | 0 | 100 | 60 | 10 | 45 | 0 | 60 |
| 23 | 45 | 20 | 35 | 25 | 60 | 20 | 0 | 0 | 60 | 90 | 45 | 45 |
| 24 | 30 | 15 | 60 | 0 | 0 | 20 | 100 | 10 | 20 | 50 | 60 | 0 |
| 25 | 40 | 60 | 0 | 0 | 20 | 50 | 65 | 0 | 45 | 90 | 50 | 65 |
| 26 | 50 | 0 | 60 | 100 | 40 | 10 | 15 | 30 | 10 | 0 | 60 | 35 |
| 27 | 0 | 0 | 20 | 55 | 10 | 60 | 100 | 60 | 0 | 20 | 45 | 50 |
| 28 | 90 | 15 | 25 | 50 | 55 | 0 | 30 | 20 | 65 | 0 | 10 | 20 |
| 29 | 90 | 10 | 20 | 50 | 45 | 0 | 30 | 15 | 75 | 0 | 5 | 40 |
| 30 | 30 | 60 | 60 | 100 | 30 | 0 | 35 | 0 | 40 | 0 | 45 | 20 |