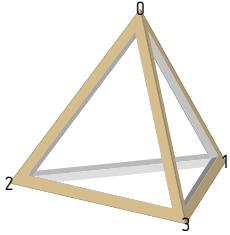
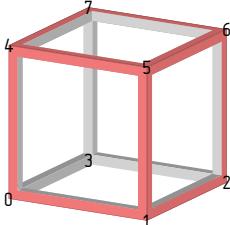


Тетраэдр



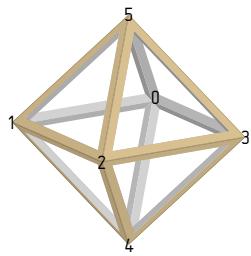
$0 = (0, 0, 1);$	$\alpha = \sqrt{2}/3;$	$0, 2, 3;$
$1 = (0, 2\alpha, -1/3);$	$\beta = \sqrt{2}/3;$	$0, 3, 1;$
$2 = (-\beta, -\alpha, -1/3);$		$0, 1, 2;$
$3 = (\beta, -\alpha, -1/3);$		$3, 2, 1;$

Куб



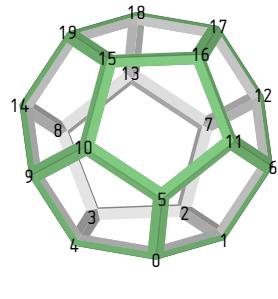
$0 = (-\alpha, -\alpha, -\alpha);$	$\alpha = 1/\sqrt{3};$
$1 = (\alpha, -\alpha, -\alpha);$	
$2 = (\alpha, \alpha, -\alpha);$	$1, 5, 4, 0;$
$3 = (-\alpha, \alpha, -\alpha);$	$6, 7, 4, 5;$
$4 = (-\alpha, -\alpha, \alpha);$	$2, 6, 5, 1;$
$5 = (\alpha, -\alpha, \alpha);$	$7, 6, 2, 3;$
$6 = (\alpha, \alpha, \alpha);$	$4, 7, 3, 0;$
$7 = (-\alpha, \alpha, \alpha);$	$0, 3, 2, 1;$

Октаэдр



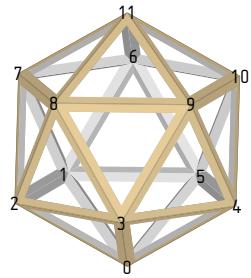
$0 = (0, 1, 0);$	$0, 1, 5;$
$1 = (-1, 0, 0);$	$1, 2, 5;$
$2 = (0, -1, 0);$	$2, 3, 5;$
$3 = (1, 0, 0);$	$3, 0, 5;$
$4 = (0, 0, -1);$	$1, 0, 4;$
$5 = (0, 0, 1);$	$2, 1, 4;$ $3, 2, 4;$ $0, 3, 4;$

Додекаэдр



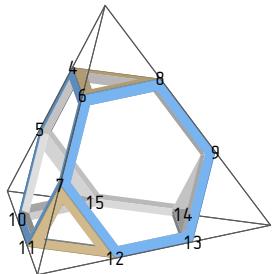
$0 = (0, -\beta, -\alpha);$	$\alpha = (\sqrt{5}+1)\sqrt{5+\sqrt{5}}/(2\sqrt{30});$	$0, 4, 3, 2, 1;$
$1 = (\delta, -\gamma, -\alpha);$	$\beta = \sqrt{2(5-\sqrt{5})}/15;$	$11, 5, 0, 1, 6;$
$2 = (\eta, \zeta, -\alpha);$	$\gamma = (\sqrt{5}-2)\alpha;$	$12, 6, 1, 2, 7;$
$3 = (-\eta, \zeta, -\alpha);$	$\delta = 1/\sqrt{3};$	$13, 7, 2, 3, 8;$
$4 = (-\delta, -\gamma, -\alpha);$	$\varepsilon = \sqrt{2(5+\sqrt{5})}/15;$	$14, 8, 3, 4, 9;$
$5 = (0, -\varepsilon, -\gamma);$	$\zeta = \beta/(\sqrt{5}-1);$	$10, 9, 4, 0, 5;$
$6 = (\iota, -\vartheta, -\gamma);$	$\eta = (\sqrt{5}-1)/(2\sqrt{3});$	$16, 11, 6, 12, 17;$
$7 = (\delta, \alpha, -\gamma);$	$\vartheta = \varepsilon/(\sqrt{5}+1);$	$17, 12, 7, 13, 18;$
$8 = (-\delta, \alpha, -\gamma);$	$\iota = (\sqrt{5}+1)/(2\sqrt{3});$	$18, 13, 8, 14, 19;$
$9 = (-\iota, -\vartheta, -\gamma);$		$19, 14, 9, 10, 15;$
$10 = (-\delta, -\alpha, \gamma);$		$15, 10, 5, 11, 16;$
$11 = (\delta, -\alpha, \gamma);$		$15, 16, 17, 18, 19;$
$12 = (\iota, \vartheta, \gamma);$		
$13 = (0, \varepsilon, \gamma);$		
$14 = (-\iota, \vartheta, \gamma);$		
$15 = (-\eta, -\zeta, \alpha);$		
$16 = (\eta, -\zeta, \alpha);$		
$17 = (\delta, \gamma, \alpha);$		
$18 = (0, \beta, \alpha);$		
$19 = (-\delta, \gamma, \alpha);$		

Икосаэдр



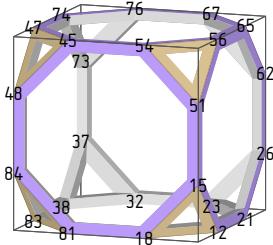
$0 = (0, 0, -1);$	$\alpha = 1/\sqrt{5};$	$0, 1, 5; \quad 1, 7, 6;$
$1 = (0, 2\alpha, -\alpha);$	$\beta = (5+\sqrt{5})/10;$	$0, 2, 1; \quad 2, 8, 7;$
$2 = (-\varepsilon, \gamma, -\alpha);$	$\gamma = (5-\sqrt{5})/10;$	$0, 3, 2; \quad 3, 9, 8;$
$3 = (-\delta, -\beta, -\alpha);$	$\delta = \sqrt{\gamma};$	$0, 4, 3; \quad 4, 10, 9;$
$4 = (\delta, -\beta, -\alpha);$	$\varepsilon = \sqrt{\beta};$	$0, 5, 4; \quad 5, 6, 10;$
$5 = (\varepsilon, \gamma, -\alpha);$		$5, 1, 6; \quad 11, 8, 9;$
$6 = (\delta, \beta, \alpha);$		$1, 2, 7; \quad 11, 9, 10;$
$7 = (-\delta, \beta, \alpha);$		$2, 3, 8; \quad 11, 10, 6;$
$8 = (-\varepsilon, -\gamma, \alpha);$		$3, 4, 9; \quad 11, 6, 7;$
$9 = (0, -2\alpha, \alpha);$		$4, 5, 10; \quad 11, 7, 8;$
$10 = (\varepsilon, -\gamma, \alpha);$		
$11 = (0, 0, 1);$		

Усечённый тетраэдр



$4 = (0, 2\beta, 5\alpha); \quad \alpha = 1/\sqrt{33}; \quad 8, 6, 7, 12, 13, 9;$
 $5 = (0, 4\beta, \alpha); \quad \beta = \alpha \sqrt{2}; \quad 4, 8, 9, 14, 15, 5;$
 $6 = (-\gamma, -\beta, 5\alpha); \quad \gamma = \alpha \sqrt{6}; \quad 6, 4, 5, 10, 11, 7;$
 $7 = (-2\gamma, -2\beta, \alpha); \quad 11, 10, 15, 14, 13, 12;$
 $8 = (\gamma, -\beta, 5\alpha); \quad 4, 6, 8;$
 $9 = (2\gamma, -2\beta, \alpha); \quad 9, 13, 14;$
 $10 = (-\gamma, 3\beta, -3\alpha); \quad 7, 11, 12;$
 $11 = (-2\gamma, 0, -3\alpha); \quad 10, 5, 15;$
 $12 = (-\gamma, -3\beta, -3\alpha);$
 $13 = (\gamma, -3\beta, -3\alpha);$
 $14 = (2\gamma, 0, -3\alpha);$
 $15 = (\gamma, 3\beta, -3\alpha);$

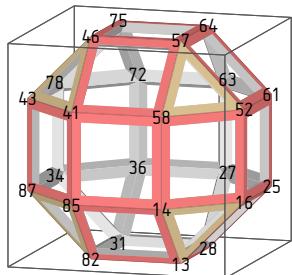
Усечённый куб



$12 = (\alpha, -\beta, -\alpha); \quad 51 = (\alpha, -\alpha, \beta); \quad \alpha = 1/\sqrt{5-2\sqrt{2}};$
 $15 = (\alpha, -\alpha, -\beta); \quad 54 = (\beta, -\alpha, \alpha); \quad \beta = (\sqrt{2}-1)\alpha;$
 $18 = (\beta, -\alpha, -\alpha); \quad 56 = (\alpha, -\beta, \alpha);$
 $21 = (\alpha, \beta, -\alpha); \quad 62 = (\alpha, \alpha, \beta);$
 $23 = (\beta, \alpha, -\alpha); \quad 65 = (\alpha, \beta, \alpha);$
 $26 = (\alpha, \alpha, -\beta); \quad 67 = (\beta, \alpha, \alpha);$
 $32 = (-\beta, \alpha, -\alpha); \quad 73 = (-\alpha, \alpha, \beta);$
 $37 = (-\alpha, \alpha, -\beta); \quad 74 = (-\alpha, \beta, \alpha);$
 $38 = (-\alpha, \beta, -\alpha); \quad 76 = (-\beta, \alpha, \alpha);$
 $45 = (-\beta, -\alpha, \alpha); \quad 81 = (-\beta, -\alpha, -\alpha);$
 $47 = (-\alpha, -\beta, \alpha); \quad 83 = (-\alpha, -\beta, -\alpha);$
 $48 = (-\alpha, -\alpha, \beta); \quad 84 = (-\alpha, -\alpha, -\beta);$

 $67, 76, 74, 47, 45, 54, 56, 65; \quad 84, 83, 81;$
 $54, 45, 48, 84, 81, 18, 15, 51; \quad 56, 54, 51;$
 $51, 15, 12, 21, 26, 62, 65, 56; \quad 45, 47, 48;$
 $47, 74, 73, 37, 38, 83, 84, 48; \quad 74, 76, 73;$
 $76, 67, 62, 26, 23, 32, 37, 73; \quad 65, 62, 67;$
 $18, 81, 83, 38, 32, 23, 21, 12; \quad 15, 18, 12;$
 $37, 32, 38;$
 $26, 21, 23;$

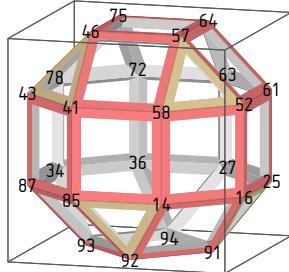
Ромбокубооктаэдр



$13 = (\beta, -\beta, -\alpha); \quad 52 = (\alpha, -\beta, \beta); \quad \alpha = 1/\sqrt{7-4\sqrt{2}};$
 $14 = (\beta, -\alpha, -\beta); \quad 57 = (\beta, -\beta, \alpha); \quad \beta = (\sqrt{2}-1)\alpha;$
 $16 = (\alpha, -\beta, -\beta); \quad 58 = (\beta, -\alpha, \beta);$
 $25 = (\alpha, \beta, -\beta); \quad 61 = (\alpha, \beta, \beta);$
 $27 = (\beta, \alpha, -\beta); \quad 63 = (\beta, \alpha, \beta);$
 $28 = (\beta, \beta, -\alpha); \quad 64 = (\beta, \beta, \alpha);$
 $31 = (-\beta, \beta, -\alpha); \quad 72 = (-\beta, \alpha, \beta);$
 $34 = (-\alpha, \beta, -\beta); \quad 75 = (-\beta, \beta, \alpha);$
 $36 = (-\beta, \alpha, -\beta); \quad 78 = (-\alpha, \beta, \beta);$
 $41 = (-\beta, -\alpha, \beta); \quad 82 = (-\beta, -\beta, -\alpha);$
 $43 = (-\alpha, -\beta, \beta); \quad 85 = (-\beta, -\alpha, -\beta);$
 $46 = (-\beta, -\beta, \alpha); \quad 87 = (-\alpha, -\beta, -\beta);$

 $75, 46, 57, 64; \quad 72, 36, 34, 78; \quad 57, 58, 52;$
 $58, 41, 85, 14; \quad 75, 64, 63, 72; \quad 63, 64, 61;$
 $57, 46, 41, 58; \quad 46, 75, 78, 43; \quad 75, 72, 78;$
 $61, 52, 16, 25; \quad 85, 41, 43, 87; \quad 46, 43, 41;$
 $72, 63, 27, 36; \quad 14, 85, 82, 13; \quad 85, 87, 82;$
 $43, 78, 34, 87; \quad 31, 28, 13, 82; \quad 16, 14, 13;$
 $64, 57, 52, 61; \quad 25, 16, 13, 28; \quad 36, 31, 34;$
 $58, 14, 16, 52; \quad 28, 31, 36, 27; \quad 25, 28, 27;$
 $27, 63, 61, 25; \quad 31, 82, 87, 34;$

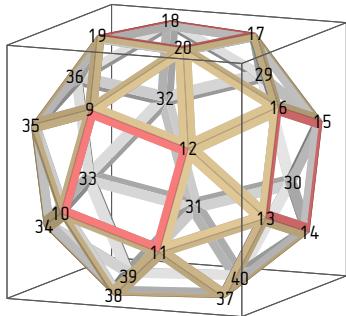
Псеудоромбокубооктаэдр



$14 = (\beta, -\alpha, -\beta); \quad 61 = (\alpha, \beta, \beta); \quad \alpha = 1/\sqrt{7-4\sqrt{2}};$
 $16 = (\alpha, -\beta, -\beta); \quad 63 = (\beta, \alpha, \beta); \quad \beta = (\sqrt{2}-1)\alpha;$
 $25 = (\alpha, \beta, -\beta); \quad 64 = (\beta, \beta, \alpha); \quad \gamma = (2-\sqrt{2})\alpha;$
 $27 = (\beta, \alpha, -\beta); \quad 72 = (-\beta, \alpha, \beta);$
 $34 = (-\alpha, \beta, -\beta); \quad 75 = (-\beta, \beta, \alpha);$
 $36 = (-\beta, \alpha, -\beta); \quad 78 = (-\alpha, \beta, \beta);$
 $41 = (-\beta, -\alpha, \beta); \quad 85 = (-\beta, -\alpha, -\beta);$
 $43 = (-\alpha, -\beta, \beta); \quad 87 = (-\alpha, -\beta, -\beta);$
 $46 = (-\beta, -\beta, \alpha); \quad 91 = (\gamma, 0, -\alpha);$
 $52 = (\alpha, -\beta, \beta); \quad 92 = (0, -\gamma, -\alpha);$
 $57 = (\beta, -\beta, \alpha); \quad 93 = (-\gamma, 0, -\alpha);$
 $58 = (\beta, -\alpha, \beta); \quad 94 = (0, \gamma, -\alpha);$

 $75, 46, 57, 64; \quad 72, 36, 34, 78; \quad 57, 58, 52;$
 $58, 41, 85, 14; \quad 75, 64, 63, 72; \quad 63, 64, 61;$
 $57, 46, 41, 58; \quad 46, 75, 78, 43; \quad 75, 72, 78;$
 $61, 52, 16, 25; \quad 85, 41, 43, 87; \quad 46, 43, 41;$
 $72, 63, 27, 36; \quad 16, 14, 92, 91; \quad 14, 85, 92;$
 $43, 78, 34, 87; \quad 93, 94, 91, 92; \quad 25, 16, 91;$
 $64, 57, 52, 61; \quad 27, 25, 91, 94; \quad 34, 93, 87;$
 $58, 14, 16, 52; \quad 94, 93, 34, 36; \quad 27, 94, 36;$
 $27, 63, 61, 25; \quad 93, 92, 85, 87;$

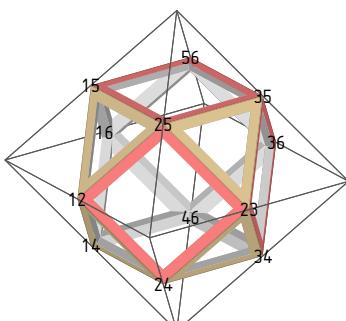
Курносый күб



$9 = (-\alpha, -\gamma, \beta); \quad 29 = (\alpha, \gamma, \beta); \quad \delta = (\text{curt}(6\sqrt{33})+26) -$
 $10 = (-\beta, -\gamma, -\alpha); \quad 30 = (\beta, \gamma, -\alpha); \quad -\text{curt}(6\sqrt{33})-26)-1)/3;$
 $11 = (\alpha, -\gamma, -\beta); \quad 31 = (-\alpha, \gamma, -\beta); \quad \epsilon = (\delta^2+1)/2;$
 $12 = (\beta, -\gamma, \alpha); \quad 32 = (-\beta, \gamma, \alpha); \quad \zeta = \sqrt{1+\delta^2+\epsilon^2};$
 $13 = (\gamma, -\beta, -\alpha); \quad 33 = (-\gamma, \beta, -\alpha); \quad \alpha = \delta/\zeta;$
 $14 = (\gamma, \alpha, -\beta); \quad 34 = (-\gamma, -\alpha, -\beta); \quad \beta = \epsilon/\zeta;$
 $15 = (\gamma, \beta, \alpha); \quad 35 = (-\gamma, -\beta, \alpha); \quad \gamma = 1/\zeta;$
 $16 = (\gamma, -\alpha, \beta); \quad 36 = (-\gamma, \alpha, \beta);$
 $17 = (\beta, \alpha, \gamma); \quad 37 = (\beta, -\alpha, -\gamma);$
 $18 = (-\alpha, \beta, \gamma); \quad 38 = (-\alpha, -\beta, -\gamma);$
 $19 = (-\beta, -\alpha, \gamma); \quad 39 = (-\beta, \alpha, -\gamma);$
 $20 = (\alpha, -\beta, \gamma); \quad 40 = (\alpha, \beta, -\gamma);$

 $10, 9, 35; \quad 17, 20, 16; \quad 33, 36, 32; \quad 16, 20, 12; \quad 9, 10, 11, 12;$
 $11, 10, 38; \quad 18, 17, 29; \quad 34, 33, 39; \quad 11, 37, 13; \quad 13, 14, 15, 16;$
 $12, 11, 13; \quad 19, 18, 36; \quad 35, 34, 10; \quad 30, 14, 40; \quad 17, 18, 19, 20;$
 $9, 12, 20; \quad 20, 19, 9; \quad 36, 35, 19; \quad 34, 38, 10; \quad 29, 30, 31, 32;$
 $13, 16, 12; \quad 29, 15, 30; \quad 37, 40, 14; \quad 9, 19, 35; \quad 33, 34, 35, 36;$
 $14, 13, 37; \quad 31, 30, 40; \quad 38, 37, 11; \quad 15, 29, 17; \quad 37, 38, 39, 40;$
 $15, 14, 30; \quad 32, 31, 33; \quad 39, 38, 34; \quad 18, 32, 36;$
 $16, 15, 17; \quad 29, 32, 18; \quad 40, 39, 31; \quad 39, 33, 31;$

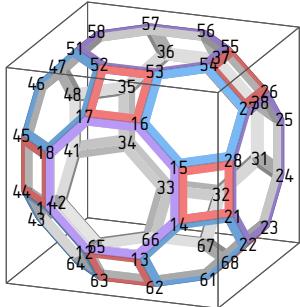
Кубооктаэдр



$12 = (-\alpha, -\alpha, 0); \quad 25 = (0, -\alpha, \alpha); \quad \alpha = 1/\sqrt{2};$
 $14 = (-\alpha, 0, -\alpha); \quad 34 = (\alpha, 0, -\alpha);$
 $15 = (-\alpha, 0, \alpha); \quad 35 = (\alpha, 0, \alpha);$
 $16 = (-\alpha, \alpha, 0); \quad 36 = (\alpha, \alpha, 0);$
 $23 = (\alpha, -\alpha, 0); \quad 46 = (0, \alpha, -\alpha);$
 $24 = (0, -\alpha, -\alpha); \quad 56 = (0, \alpha, \alpha);$

 $56, 15, 25, 35; \quad 16, 15, 56; \quad 16, 46, 14;$
 $34, 24, 14, 46; \quad 12, 25, 15; \quad 12, 14, 24;$
 $56, 36, 46, 16; \quad 23, 35, 25; \quad 23, 24, 34;$
 $15, 16, 14, 12; \quad 36, 56, 35; \quad 36, 34, 46;$
 $12, 24, 23, 25;$
 $36, 35, 23, 34;$

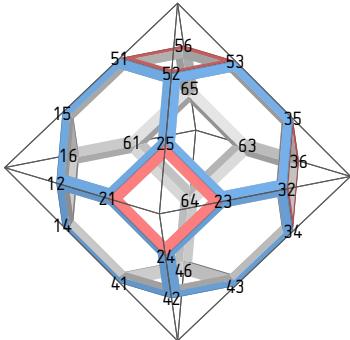
Чисчённы́ кубооктаэдр



11 = $(-\gamma, -\alpha, -\beta)$;	41 = $(-\alpha, \gamma, -\beta)$;	$\beta = 1/\sqrt{13+6\sqrt{2}}$;
12 = $(-\beta, -\alpha, -\gamma)$;	42 = $(-\alpha, \beta, -\gamma)$;	$\alpha = (1+2\sqrt{2})\beta$;
13 = $(\beta, -\alpha, -\gamma)$;	43 = $(-\alpha, -\beta, -\gamma)$;	$\gamma = (1+\sqrt{2})\beta$;
14 = $(\gamma, -\alpha, -\beta)$;	44 = $(-\alpha, -\gamma, -\beta)$;	
15 = $(\gamma, -\alpha, \beta)$;	45 = $(-\alpha, -\gamma, \beta)$;	
16 = $(\beta, -\alpha, \gamma)$;	46 = $(-\alpha, -\beta, \gamma)$;	
17 = $(-\beta, -\alpha, \gamma)$;	47 = $(-\alpha, \beta, \gamma)$;	
18 = $(-\gamma, -\alpha, \beta)$;	48 = $(-\alpha, \gamma, \beta)$;	
21 = $(\alpha, -\gamma, -\beta)$;	51 = $(-\gamma, -\beta, \alpha)$;	
22 = $(\alpha, -\beta, -\gamma)$;	52 = $(-\beta, -\gamma, \alpha)$;	
23 = $(\alpha, \beta, -\gamma)$;	53 = $(\beta, -\gamma, \alpha)$;	
24 = $(\alpha, \gamma, -\beta)$;	54 = $(\gamma, -\beta, \alpha)$;	
25 = (α, γ, β) ;	55 = (γ, β, α) ;	
26 = (α, β, γ) ;	56 = (β, γ, α) ;	
27 = $(\alpha, -\beta, \gamma)$;	57 = $(-\beta, \gamma, \alpha)$;	
28 = $(\alpha, -\gamma, \beta)$;	58 = $(-\gamma, \beta, \alpha)$;	
31 = $(\gamma, \alpha, -\beta)$;	61 = $(\gamma, -\beta, -\alpha)$;	
32 = $(\beta, \alpha, -\gamma)$;	62 = $(\beta, -\gamma, -\alpha)$;	
33 = $(-\beta, \alpha, -\gamma)$;	63 = $(-\beta, -\gamma, -\alpha)$;	
34 = $(-\gamma, \alpha, -\beta)$;	64 = $(-\gamma, -\beta, -\alpha)$;	
35 = $(-\gamma, \alpha, \beta)$;	65 = $(-\gamma, \beta, -\alpha)$;	
36 = $(-\beta, \alpha, \gamma)$;	66 = $(-\beta, \gamma, -\alpha)$;	
37 = (β, α, γ) ;	67 = $(\beta, \gamma, -\alpha)$;	
38 = (γ, α, β) ;	68 = $(\gamma, \beta, -\alpha)$;	

15, 14, 21, 28; 15, 28, 27, 54, 53, 16; 11, 12, 13, 14, 15, 16, 17, 18;
 45, 44, 11, 18; 14, 13, 62, 61, 22, 21; 21, 22, 23, 24, 25, 26, 27, 28;
 35, 34, 41, 48; 12, 11, 44, 43, 64, 63; 31, 32, 33, 34, 35, 36, 37, 38;
 25, 24, 31, 38; 18, 17, 52, 51, 46, 45; 41, 42, 43, 44, 45, 46, 47, 48;
 53, 52, 17, 16; 58, 57, 36, 35, 48, 47; 51, 52, 53, 54, 55, 56, 57, 58;
 55, 54, 27, 26; 56, 55, 26, 25, 38, 37; 61, 62, 63, 64, 65, 66, 67, 68;
 57, 56, 37, 36; 24, 23, 68, 67, 32, 31;
 51, 58, 47, 46; 66, 65, 42, 41, 34, 33;
 61, 68, 23, 22;
 63, 62, 13, 12;
 65, 64, 43, 42;
 67, 66, 33, 32;

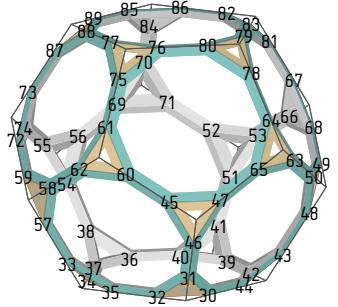
Чисчённы́ октаэдр



12 = $(-2\alpha, -\alpha, 0)$;	41 = $(-\alpha, 0, -2\alpha)$;	$\alpha = 1/\sqrt{5}$;
14 = $(-2\alpha, 0, -\alpha)$;	42 = $(0, -\alpha, -2\alpha)$;	
15 = $(-2\alpha, 0, \alpha)$;	43 = $(\alpha, 0, -2\alpha)$;	
16 = $(-2\alpha, \alpha, 0)$;	46 = $(0, \alpha, -2\alpha)$;	
21 = $(-\alpha, -2\alpha, 0)$;	51 = $(-\alpha, 0, 2\alpha)$;	
23 = $(\alpha, -2\alpha, 0)$;	52 = $(0, -\alpha, 2\alpha)$;	
24 = $(0, -2\alpha, -\alpha)$;	53 = $(\alpha, 0, 2\alpha)$;	
25 = $(0, -2\alpha, \alpha)$;	56 = $(0, \alpha, 2\alpha)$;	
32 = $(2\alpha, -\alpha, 0)$;	61 = $(-\alpha, 2\alpha, 0)$;	
34 = $(2\alpha, 0, -\alpha)$;	63 = $(\alpha, 2\alpha, 0)$;	
35 = $(2\alpha, 0, \alpha)$;	64 = $(0, 2\alpha, -\alpha)$;	
36 = $(2\alpha, \alpha, 0)$;	65 = $(0, 2\alpha, \alpha)$;	

61, 16, 15, 51, 56, 65; 16, 61, 64, 46, 41, 14; 56, 51, 52, 53;
 12, 21, 25, 52, 51, 15; 21, 12, 14, 41, 42, 24; 43, 42, 41, 46;
 23, 32, 35, 53, 52, 25; 32, 23, 24, 42, 43, 34; 65, 63, 64, 61;
 36, 63, 65, 56, 53, 35; 63, 36, 34, 43, 46, 64; 15, 16, 14, 12;
 21, 24, 23, 25;
 36, 35, 32, 34;

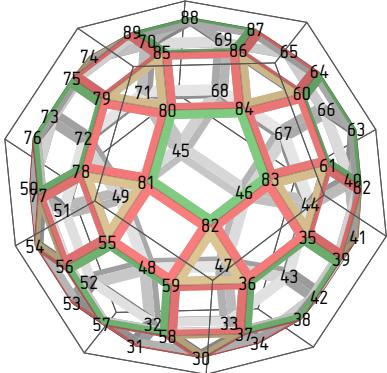
Үсечённый додекаэдр



$30 = (\alpha, -\beta, -\gamma);$	$60 = (-\xi, -\sigma, \chi);$	$\alpha = (\sqrt{5}-1)/(2\sqrt{9+2\sqrt{5}});$
$31 = (0, -\eta, -\vartheta);$	$61 = (-\delta, -\eta, \zeta);$	$\beta = \sqrt{(5-\sqrt{5})}/(17-3\sqrt{5});$
$32 = (-\alpha, -\beta, -\gamma);$	$62 = (-\lambda, -\nu, \chi);$	$\gamma = \sqrt{(5+\sqrt{5})}/(17-3\sqrt{5});$
$33 = (-\lambda, -\iota, -\vartheta);$	$63 = (\lambda, -\nu, \chi);$	$\delta = 2/\sqrt{9+2\sqrt{5}};$
$34 = (-\delta, 0, -\gamma);$	$64 = (\delta, -\eta, \zeta);$	$\varepsilon = 4\sqrt{2/(35+\sqrt{5})};$
$35 = (-\xi, -\sigma, -\chi);$	$65 = (\xi, -\sigma, \chi);$	$\zeta = \varepsilon(\sqrt{5}+1)/8;$
$36 = (-\alpha, \beta, -\gamma);$	$66 = (2\xi, \nu, \chi);$	$\eta = 2/\sqrt{25-8\sqrt{5}};$
$37 = (-\xi, \sigma, -\gamma);$	$67 = (2\xi, \tau, \zeta);$	$\vartheta = \sqrt{1-\eta^2};$
$38 = (-\xi, \rho, -\vartheta);$	$68 = (\varphi, \chi, \chi);$	$\iota = \eta/(\sqrt{5}+1);$
$39 = (\xi, \sigma, -\gamma);$	$69 = (-\alpha, \mu, \chi);$	$\chi = (\sqrt{5}-1)/\sqrt{110+38\sqrt{5}};$
$40 = (\alpha, \beta, -\gamma);$	$70 = (0, \epsilon, \zeta);$	$\lambda = \sqrt{(5+\sqrt{5})}/(50-16\sqrt{5});$
$41 = (\xi, \rho, -\vartheta);$	$71 = (\alpha, \mu, \chi);$	$\mu = \sqrt{2/(295-131\sqrt{5})};$
$42 = (\delta, 0, -\gamma);$	$72 = (-\psi, \chi, \chi);$	$\nu = 3\varepsilon/4;$
$43 = (\lambda, -\iota, -\vartheta);$	$73 = (-2\xi, \tau, \zeta);$	$\xi = \delta/(\sqrt{5}-1);$
$44 = (\xi, -\sigma, -\gamma);$	$74 = (-2\xi, \nu, \chi);$	$\sigma = \sqrt{10/(55+19\sqrt{5})};$
$45 = (-\alpha, -\mu, -\chi);$	$75 = (-\xi, -\rho, \vartheta);$	$\rho = \eta/(\sqrt{5}-1);$
$46 = (0, -\epsilon, -\zeta);$	$76 = (-\alpha, -\beta, \gamma);$	$\tau = 2\sigma/\sqrt{5};$
$47 = (\alpha, -\mu, -\chi);$	$77 = (-\xi, -\sigma, \gamma);$	$\psi = 2\sqrt{(45+10\sqrt{5})}/(7\sqrt{5}+1);$
$48 = (2\xi, -\tau, -\zeta);$	$78 = (\xi, -\rho, \vartheta);$	$\chi = \sigma/\sqrt{5};$
$49 = (\varphi, -\chi, -\chi);$	$79 = (\xi, -\sigma, \gamma);$	
$50 = (2\xi, -\nu, -\chi);$	$80 = (\alpha, -\beta, \gamma);$	
$51 = (\delta, \eta, -\zeta);$	$81 = (\lambda, \iota, \vartheta);$	
$52 = (\xi, \sigma, -\chi);$	$82 = (\xi, \sigma, \gamma);$	
$53 = (\lambda, \nu, -\chi);$	$83 = (\delta, 0, \gamma);$	
$54 = (-\delta, \eta, -\zeta);$	$84 = (0, \eta, \vartheta);$	
$55 = (-\lambda, \nu, -\chi);$	$85 = (-\alpha, \beta, \gamma);$	
$56 = (-\xi, \sigma, -\chi);$	$86 = (\alpha, \beta, \gamma);$	
$57 = (-2\xi, -\tau, -\zeta);$	$87 = (-\lambda, \iota, \vartheta);$	
$58 = (-2\xi, -\nu, -\chi);$	$88 = (-\delta, 0, \gamma);$	
$59 = (-\varphi, -\chi, -\chi);$	$89 = (-\xi, \sigma, \gamma);$	

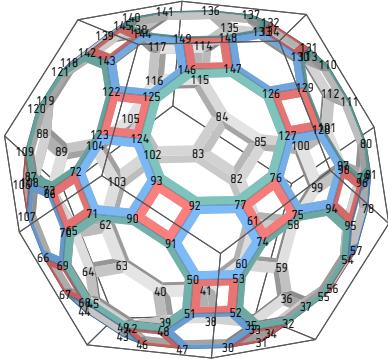
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57, 58, 59;	87, 88, 89;	55, 74, 73, 87, 89, 85, 84, 70, 69, 56;
		58, 62, 61, 75, 77, 88, 87, 73, 72, 59;
		88, 77, 76, 80, 79, 83, 82, 86, 85, 89;

Ρομβοικοσοδομεκαεδρ



$30 = (0, -\beta, -3\zeta);$	$60 = (\eta, -\lambda, \kappa);$	$\zeta = 1/\sqrt{((15-2\sqrt{5}))};$
$31 = (-\gamma, -\delta, -3\zeta);$	$61 = (2\gamma, -2\zeta, \zeta);$	$\gamma = \sqrt{2/(13+\sqrt{5})});$
$32 = (-\varepsilon, \zeta, -3\zeta);$	$62 = (\xi, -\zeta, \iota);$	$\delta = \sqrt{2/(75+31\sqrt{5})});$
$33 = (\varepsilon, \zeta, -3\zeta);$	$63 = (\xi, \iota, \zeta);$	$\beta = (\sqrt{5}+1)\delta;$
$34 = (\gamma, -\delta, -3\zeta);$	$64 = (2\gamma, 0, \kappa);$	$\varepsilon = 1/\sqrt{11+4\sqrt{5}});$
$35 = (\eta, -\theta, -\iota);$	$65 = (\eta, \lambda, \kappa);$	$\eta = \sqrt{2/(17-5\sqrt{5})});$
$36 = (\varepsilon, -3\zeta, -\zeta);$	$66 = (\mu, \nu, \zeta);$	$\vartheta = \sqrt{2/(135-59\sqrt{5})});$
$37 = (\varepsilon, -\kappa, -\kappa);$	$67 = (\eta, \vartheta, \iota);$	$\iota = 1/\sqrt{95+42\sqrt{5}});$
$38 = (\eta, -\lambda, -\kappa);$	$68 = (\varepsilon, 3\zeta, \zeta);$	$\kappa = \zeta \sqrt{5};$
$39 = (\mu, -\nu, -\zeta);$	$69 = (\varepsilon, \kappa, \kappa);$	$\lambda = \sqrt{10/(35+9\sqrt{5})});$
$40 = (\xi, \zeta, -\iota);$	$70 = (-\varepsilon, \kappa, \kappa);$	$\mu = (5+\sqrt{5})\varepsilon/2;$
$41 = (\xi, -\iota, -\zeta);$	$71 = (-\varepsilon, 3\zeta, \zeta);$	$\nu = \sqrt{2/(55-21\sqrt{5})});$
$42 = (2\gamma, 0, -\kappa);$	$72 = (-\eta, \vartheta, \iota);$	$\xi = 1/\sqrt{19-8\sqrt{5}});$
$43 = (\eta, \lambda, -\kappa);$	$73 = (-\mu, \nu, \zeta);$	$\tau = 11\sqrt{2/(315-\sqrt{5})});$
$44 = (2\gamma, 2\zeta, -\zeta);$	$74 = (-\eta, \lambda, \kappa);$	
$45 = (0, 2\nu, -\iota);$	$75 = (-2\gamma, 0, \kappa);$	
$46 = (\gamma, \tau, -\zeta);$	$76 = (-\xi, \iota, \zeta);$	
$47 = (\varepsilon, \kappa, -\kappa);$	$77 = (-\xi, -\zeta, \iota);$	
$48 = (-\varepsilon, \kappa, -\kappa);$	$78 = (-2\gamma, -2\zeta, \zeta);$	
$49 = (-\gamma, \tau, -\zeta);$	$79 = (-\eta, -\lambda, \kappa);$	
$50 = (-\xi, \zeta, -\iota);$	$80 = (-\varepsilon, -\kappa, \kappa);$	
$51 = (-2\gamma, 2\zeta, -\zeta);$	$81 = (-\gamma, -\tau, \zeta);$	
$52 = (-\eta, \lambda, -\kappa);$	$82 = (0, -2\nu, \iota);$	
$53 = (-2\gamma, 0, -\kappa);$	$83 = (\gamma, -\tau, \zeta);$	
$54 = (-\xi, -\iota, -\zeta);$	$84 = (\varepsilon, -\kappa, \kappa);$	
$55 = (-\eta, -\vartheta, -\iota);$	$85 = (-\varepsilon, -\zeta, 3\zeta);$	
$56 = (-\mu, -\nu, -\zeta);$	$86 = (\varepsilon, -\zeta, 3\zeta);$	
$57 = (-\eta, -\lambda, -\kappa);$	$87 = (\gamma, \delta, 3\zeta);$	
$58 = (-\varepsilon, -\kappa, -\kappa);$	$88 = (0, \beta, 3\zeta);$	
$59 = (-\varepsilon, -3\zeta, -\zeta);$	$89 = (-\gamma, \delta, 3\zeta);$	
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	$65, 69, 88, 87;$	$70, 88, 69;$
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	$69, 68, 71, 70;$	$74, 75, 89;$
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	$70, 74, 89, 88;$	
	$44, 43, 47, 46;$	
	$74, 73, 76, 75;$	
	$46, 45, 68, 67;$	
	$75, 79, 85, 89;$	
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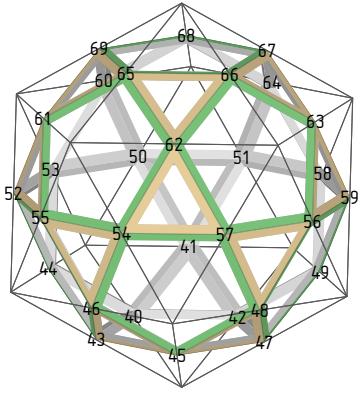
Усечённый икосододекаэдр



30 = ($\alpha, -\sigma, -5\sigma$);	90 = (- $\vartheta, -\lambda, -\chi$);	$\varepsilon = \sqrt{5}$;
31 = (- $\vartheta-\alpha, -\zeta, -5\sigma$);	91 = (-2 $\alpha, -\rho, -\sigma$);	$\alpha = 1/\sqrt{31+12\varepsilon}$;
32 = (- $\vartheta, -\iota, -\eta$);	92 = (- $\alpha, -\sigma, \kappa$);	$\beta = 11\sqrt{2/(835-151\varepsilon)}$;
33 = (2 $\alpha, \zeta-\sigma-\iota, -\eta$);	93 = ($\alpha-\vartheta, \rho-\lambda-\sigma, \sigma$);	$\gamma = 1/\sqrt{39-16\varepsilon}$;
34 = (2 $\vartheta/\varepsilon, 0, -5\sigma$);	94 = (2 $\vartheta-2\alpha, -4\sigma, -\chi$);	$\delta = 11/\sqrt{171+4\varepsilon}$;
35 = (- $\vartheta-\alpha, \zeta, -5\sigma$);	95 = ($\delta, -3\sigma, -\sigma$);	$\zeta = \sqrt{10/(95+29\varepsilon)}$;
36 = ($\gamma, \zeta+\tau, -\eta$);	96 = ($\chi, -\iota, \kappa$);	$\eta = 1/\sqrt{355-158\varepsilon}$;
37 = (3 $\vartheta/\varepsilon, \tau, -\eta$);	97 = ($\varphi, -\xi, \sigma$);	$\vartheta = \sqrt{10/(33+5\varepsilon)}$;
38 = ($\alpha, \sigma\epsilon, -5\sigma$);	98 = ($\chi, \iota, -\chi$);	$\iota = 11\sqrt{2/(875+191\varepsilon)}$;
39 = (- $\alpha, \sigma\epsilon, -5\sigma$);	99 = ($\varphi, \xi, -\sigma$);	$\kappa = 1/\sqrt{275+122\varepsilon}$;
40 = (- $\alpha, \nu, -\eta$);	100 = (2 $\vartheta-2\alpha, 4\sigma, \chi$);	$\lambda = 3\sqrt{2/(115-41\varepsilon)}$;
41 = ($\alpha, \nu, -\eta$);	101 = ($\delta, 3\sigma, \sigma$);	$\mu = 11/\sqrt{179-24\varepsilon}$;
42 = ($\alpha-\vartheta, \zeta, -5\sigma$);	102 = (- $\alpha, \sigma, -\chi$);	$\nu = 19/\sqrt{695+98\varepsilon}$;
43 = (-2 $\vartheta/\varepsilon, 0, -5\sigma$);	103 = ($\alpha-\vartheta, \lambda+\sigma-\rho, -\sigma$);	$\xi = 19\sqrt{2/(1415+229\varepsilon)}$;
44 = (-3 $\vartheta/\varepsilon, \tau, -\eta$);	104 = (- ϑ, λ, χ);	$\sigma = 1/\sqrt{35-2\varepsilon}$;
45 = (- $\gamma, \zeta+\tau, -\eta$);	105 = (-2 α, ρ, σ);	$\rho = 2\sqrt{2/(275-119\varepsilon)}$;
46 = ($\alpha-\vartheta, -\zeta, -5\sigma$);	106 = (- $\mu, \sigma, -\chi$);	$\sigma = 19/\sqrt{775-182\varepsilon}$;
47 = (- $\alpha, -\sigma\epsilon, -5\sigma$);	107 = (- $\mu, -\chi, -\sigma$);	$\tau = \sqrt{2/(215+91\varepsilon)}$;
48 = (-2 $\alpha, \zeta-\sigma\epsilon-\iota, -\eta$);	108 = (- $\mu, -\sigma, \chi$);	$\varphi = 5\sqrt{2/(185-45\varepsilon)}$;
49 = (- $\vartheta, -\iota, -\eta$);	109 = (- μ, κ, σ);	$\chi = \sqrt{2/(197-87\varepsilon)}$;
50 = (- $\alpha, -\gamma, -\sigma\epsilon$);	110 = ($\varphi, \zeta/\varepsilon, \nu$);	
51 = (- $\alpha, -\eta, -\nu$);	111 = ($\chi, \tau\epsilon, \sigma\epsilon$);	
52 = ($\alpha, -\eta, -\nu$);	112 = ($\delta, \sigma\epsilon, \sigma\epsilon$);	
53 = ($\alpha, -\gamma, -\sigma\epsilon$);	113 = (2 $\vartheta-2\alpha, 2\sigma, \nu$);	
54 = ($\delta, -\sigma\epsilon, -\sigma\epsilon$);	114 = (α, η, ν);	
55 = (2 $\vartheta-2\alpha, -2\sigma, -\nu$);	115 = ($\alpha, \gamma, \sigma\epsilon$);	
56 = ($\varphi, -\zeta/\varepsilon, -\nu$);	116 = (- $\alpha, \gamma, \sigma\epsilon$);	
57 = ($\chi, -\tau\epsilon, -\sigma\epsilon$);	117 = (- α, η, ν);	
58 = (3 $\vartheta/\varepsilon, 3\lambda/\varepsilon, -\sigma\epsilon$);	118 = (2 $\alpha-2\vartheta, 2\sigma, \nu$);	
59 = ($\gamma, 3\sigma, -\nu$);	119 = (- $\delta, \sigma\epsilon, \sigma\epsilon$);	
60 = (- $\vartheta-\alpha, \beta, -\nu$);	120 = (- $\chi, \tau\epsilon, \sigma\epsilon$);	
61 = (2 $\vartheta/\varepsilon, 2\sigma\epsilon, -\sigma\epsilon$);	121 = (- $\varphi, \zeta/\varepsilon, \nu$);	
62 = (-2 $\vartheta/\varepsilon, 2\sigma\epsilon, -\sigma\epsilon$);	122 = (- $\gamma, -3\sigma, \nu$);	
63 = ($\alpha-\vartheta, \beta, -\nu$);	123 = (-3 $\vartheta/\varepsilon, -3\lambda/\varepsilon, \sigma\epsilon$);	
64 = (- $\gamma, 3\sigma, -\nu$);	124 = (-2 $\vartheta/\varepsilon, -2\sigma\epsilon, \sigma\epsilon$);	
65 = (-3 $\vartheta/\varepsilon, 3\lambda/\varepsilon, -\sigma\epsilon$);	125 = ($\alpha-\vartheta, -\beta, \nu$);	
66 = (- $\chi, -\tau\epsilon, -\sigma\epsilon$);	126 = ($\vartheta-\alpha, -\beta, \nu$);	
67 = (- $\varphi, -\zeta/\varepsilon, -\nu$);	127 = (2 $\vartheta/\varepsilon, -2\sigma\epsilon, \sigma\epsilon$);	
68 = (2 $\alpha-2\vartheta, -2\sigma, -\nu$);	128 = (3 $\vartheta/\varepsilon, -3\lambda/\varepsilon, \sigma\epsilon$);	
69 = (- $\delta, -\sigma\epsilon, -\sigma\epsilon$);	129 = ($\gamma, -3\sigma, \nu$);	
70 = (- $\delta, -3\sigma, \sigma$);	130 = ($\gamma, -\zeta-\tau, \eta$);	
71 = (2 $\alpha-2\vartheta, -4\sigma, -\chi$);	131 = (3 $\vartheta/\varepsilon, -\tau, \eta$);	
72 = (- $\varphi, -\xi, \sigma$);	132 = (2 $\vartheta/\varepsilon, 0, 5\sigma$);	
73 = (- $\chi, -\iota, \kappa$);	133 = (- $\vartheta-\alpha, -\zeta, 5\sigma$);	
74 = (2 $\alpha, -\rho, -\sigma$);	134 = (ϑ, ι, η);	
75 = ($\vartheta, -\lambda, -\chi$);	135 = (2 $\alpha, \sigma\epsilon+\iota-\zeta, \eta$);	
76 = ($\vartheta-\alpha, \rho-\lambda-\sigma, \sigma$);	136 = ($\alpha, \sigma\epsilon, 5\sigma$);	
77 = ($\alpha, -\sigma, \kappa$);	137 = (- $\vartheta-\alpha, \zeta, 5\sigma$);	
78 = ($\mu, -\kappa, -\sigma$);	138 = (-2 $\alpha, \sigma\epsilon+\iota-\zeta, \eta$);	
79 = ($\mu, \sigma, -\kappa$);	139 = (- ϑ, ι, η);	
80 = (μ, κ, σ);	140 = ($\alpha-\vartheta, \zeta, 5\sigma$);	
81 = ($\mu, -\sigma, \kappa$);	141 = (- $\alpha, \sigma\epsilon, 5\sigma$);	
82 = (- $\vartheta-\alpha, \lambda+\sigma-\rho, -\sigma$);	142 = (-3 $\vartheta/\varepsilon, -\tau, \eta$);	
83 = ($\alpha, \sigma, -\chi$);	143 = (- $\gamma, -\zeta-\tau, \eta$);	
84 = (2 α, ρ, σ);	144 = ($\alpha-\vartheta, -\zeta, 5\sigma$);	
85 = ($\vartheta, \lambda, \kappa$);	145 = (-2 $\vartheta/\varepsilon, 0, 5\sigma$);	
86 = (- $\varphi, \xi, -\sigma$);	146 = (- $\alpha, -\nu, \eta$);	
87 = (- $\chi, \iota, -\chi$);	147 = ($\alpha, -\nu, \eta$);	
88 = (- $\delta, 3\sigma, \sigma$);	148 = ($\alpha, -\sigma\epsilon, 5\sigma$);	
89 = (2 $\alpha-2\vartheta, 4\sigma, \chi$);	149 = (- $\alpha, -\sigma\epsilon, 5\sigma$);	

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38, 39, 40, 41;	98, 99, 100, 101;	79, 78, 57, 56, 37, 36, 59, 58, 99, 98;	39, 42, 45, 64, 63, 40;	83, 102, 105, 116, 115, 84;
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70, 71, 72, 73;	130, 131, 132, 133;	125, 124, 93, 92, 77, 76, 127, 126, 147, 146;		
74, 75, 76, 77;	134, 135, 136, 137;	149, 148, 133, 132, 137, 136, 141, 140, 145, 144;		
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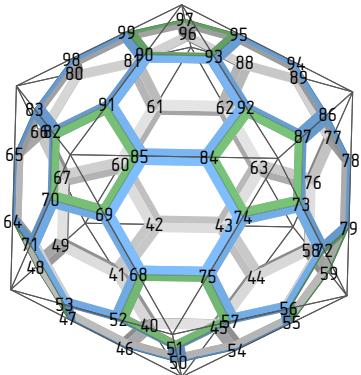
Икосододекаэдр



$40 = (0, \alpha, -\beta);$ $55 = (-1, 0, 0);$ $\alpha = \sqrt{2/(5+\sqrt{5})};$
 $41 = (1/2, \gamma, -\alpha);$ $56 = (\varepsilon, -\eta, 0);$ $\beta = \sqrt{2/(5-\sqrt{5})};$
 $42 = (1/2, \delta, -\beta);$ $57 = (-\varepsilon, -\eta, 0);$ $\gamma = 1/(2\sqrt{5-2\sqrt{5}});$
 $43 = (-1/2, \delta, -\beta);$ $58 = (1, 0, 0);$ $\delta = 1/(2\sqrt{5+2\sqrt{5}});$
 $44 = (-1/2, \gamma, -\alpha);$ $59 = (\zeta, -\vartheta, 0);$ $\varepsilon = (\sqrt{5}-1)/4;$
 $45 = (-\varepsilon, -\beta/2, -\beta);$ $60 = (0, \beta, \alpha);$ $\zeta = (\sqrt{5}+1)/4;$
 $46 = (-\zeta, -\alpha/2, -\alpha);$ $61 = (-\zeta, \alpha/2, \alpha);$ $\eta = \beta \sqrt{5}/2;$
 $47 = (\varepsilon, -\beta/2, -\beta);$ $62 = (-1/2, -\gamma, \alpha);$ $\vartheta = \alpha \sqrt{5}/2;$
 $48 = (0, -\beta, -\alpha);$ $63 = (1/2, -\gamma, \alpha);$
 $49 = (\zeta, -\alpha/2, -\alpha);$ $64 = (\zeta, \alpha/2, \alpha);$
 $50 = (\varepsilon, \eta, 0);$ $65 = (-1/2, -\delta, \beta);$
 $51 = (\zeta, \vartheta, 0);$ $66 = (0, -\alpha, \beta);$
 $52 = (-\zeta, \vartheta, 0);$ $67 = (1/2, -\delta, \beta);$
 $53 = (-\varepsilon, \eta, 0);$ $68 = (\varepsilon, \beta/2, \beta);$
 $54 = (-\zeta, -\vartheta, 0);$ $69 = (-\varepsilon, \beta/2, \beta);$

$40, 41, 42; 46, 54, 55;$ $51, 64, 58;$ $42, 47, 45, 43, 40;$ $50, 60, 68, 64, 51;$
 $43, 44, 40;$ $48, 56, 57;$ $65, 62, 66;$ $41, 40, 44, 53, 50;$ $53, 52, 61, 69, 60;$
 $45, 46, 43;$ $49, 58, 59;$ $66, 63, 67;$ $52, 44, 43, 46, 55;$ $55, 54, 62, 65, 61;$
 $47, 48, 45;$ $53, 60, 50;$ $67, 64, 68;$ $46, 45, 48, 57, 54;$ $57, 56, 63, 66, 62;$
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 $44, 52, 53;$ $59, 63, 56;$

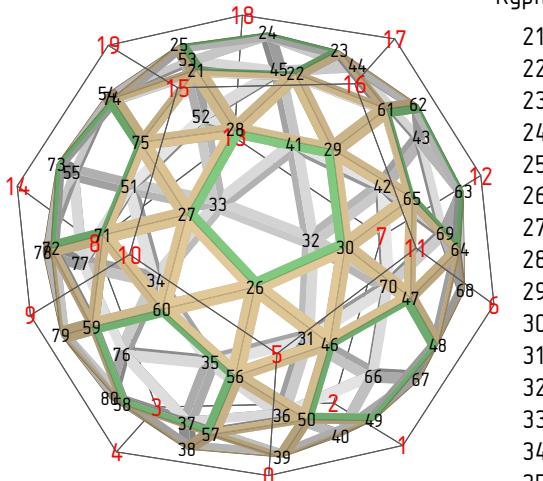
Чисчённы́ икосаэдр



$40 = (0, 2\alpha, -\beta);$ $70 = (-3\delta, -\iota, \alpha);$ $\alpha = 1/\sqrt{25+4\sqrt{5}};$
 $41 = (0, 4\alpha, -\gamma);$ $71 = (-3\delta, \iota, -\alpha);$ $\beta = 19/\sqrt{445-16\sqrt{5}};$
 $42 = (\delta, \xi, -3\alpha);$ $72 = (2\varepsilon, -2\lambda, -\alpha);$ $\gamma = 1/\sqrt{145-64\sqrt{5}};$
 $43 = (2\delta, 2\kappa, -3\alpha);$ $73 = (\varepsilon, -\sigma, \alpha);$ $\delta = \sqrt{2/(21-\sqrt{5})};$
 $44 = (2\delta, 2\iota, -\gamma);$ $74 = (-\varepsilon, -\sigma, \alpha);$ $\varepsilon = \sqrt{2/(29+9\sqrt{5})};$
 $45 = (\delta, \iota, -\beta);$ $75 = (-2\varepsilon, -2\lambda, -\alpha);$ $\zeta = \delta \sqrt{5};$
 $46 = (-\delta, \iota, -\beta);$ $76 = (3\delta, \iota, -\alpha);$ $\eta = \sqrt{2/(81-35\sqrt{5})};$
 $47 = (-2\delta, 2\iota, -\gamma);$ $77 = (3\delta, -\iota, \alpha);$ $\vartheta = \sqrt{2/(235+103\sqrt{5})};$
 $48 = (-2\delta, 2\kappa, -3\alpha);$ $78 = (\eta, -\mu, \alpha);$ $\iota = \sqrt{2/(95+37\sqrt{5})};$
 $49 = (-\delta, \xi, -3\alpha);$ $79 = (\zeta, -\nu, -\alpha);$ $\kappa = \sqrt{2/(55-13\sqrt{5})};$
 $50 = (-\varepsilon, -\kappa, -\beta);$ $80 = (-\varepsilon, 3\kappa, 3\alpha);$ $\lambda = \sqrt{2/(115-47\sqrt{5})};$
 $51 = (-2\varepsilon, -2\kappa, -\gamma);$ $81 = (\varepsilon, 3\kappa, 3\alpha);$ $\mu = 11\sqrt{2/(635+167\sqrt{5})};$
 $52 = (-\zeta, -\lambda, -3\alpha);$ $82 = (-\eta, \vartheta, 3\alpha);$ $\nu = 11\sqrt{2/(515+17\sqrt{5})};$
 $53 = (-\eta, -\vartheta, -3\alpha);$ $83 = (-\zeta, \lambda, 3\alpha);$ $\xi = 11\sqrt{2/(535-67\sqrt{5})};$
 $54 = (\varepsilon, -\kappa, -\beta);$ $84 = (-\delta, -\xi, 3\alpha);$ $\sigma = 19\sqrt{2/(895-53\sqrt{5})};$
 $55 = (2\varepsilon, -2\kappa, -\gamma);$ $85 = (-2\delta, -2\kappa, 3\alpha);$
 $56 = (\varepsilon, -3\kappa, -3\alpha);$ $86 = (2\delta, -2\kappa, 3\alpha);$
 $57 = (-\varepsilon, -3\kappa, -3\alpha);$ $87 = (\delta, -\xi, 3\alpha);$
 $58 = (\eta, -\theta, -3\alpha);$ $88 = (\zeta, \lambda, 3\alpha);$
 $59 = (\zeta, -\lambda, -3\alpha);$ $89 = (\eta, \vartheta, 3\alpha);$
 $60 = (\varepsilon, \sigma, -\alpha);$ $90 = (-\delta, -\iota, \beta);$
 $61 = (2\varepsilon, 2\lambda, \alpha);$ $91 = (-2\delta, -2\iota, \gamma);$
 $62 = (\zeta, \nu, \alpha);$ $92 = (0, -4\alpha, \gamma);$
 $63 = (\eta, \mu, -\alpha);$ $93 = (0, -2\alpha, \beta);$
 $64 = (-\eta, \mu, -\alpha);$ $94 = (2\delta, -2\iota, \gamma);$
 $65 = (-\zeta, \nu, \alpha);$ $95 = (\delta, -\iota, \beta);$
 $66 = (-2\varepsilon, 2\lambda, \alpha);$ $96 = (2\varepsilon, 2\kappa, \gamma);$
 $67 = (-\varepsilon, \sigma, -\alpha);$ $97 = (\varepsilon, \kappa, \beta);$
 $68 = (-\zeta, -\nu, -\alpha);$ $98 = (-2\varepsilon, 2\kappa, \gamma);$
 $69 = (-\eta, -\mu, \alpha);$ $99 = (-\varepsilon, \kappa, \beta);$

$40, 41, 42, 43, 44, 45;$ $67, 66, 80, 81, 61, 60;$ $45, 54, 50, 46, 40;$ $61, 81, 96, 88, 62;$
 $46, 47, 48, 49, 41, 40;$ $71, 70, 82, 83, 65, 64;$ $42, 41, 49, 67, 60;$ $66, 65, 83, 98, 80;$
 $50, 51, 52, 53, 47, 46;$ $75, 74, 84, 85, 69, 68;$ $64, 48, 47, 53, 71;$ $70, 69, 85, 91, 82;$
 $54, 55, 56, 57, 51, 50;$ $79, 78, 86, 87, 73, 72;$ $52, 51, 57, 75, 68;$ $74, 73, 87, 92, 84;$
 $45, 44, 58, 59, 55, 54;$ $63, 62, 88, 89, 77, 76;$ $55, 59, 79, 72, 56;$ $78, 77, 89, 94, 86;$
 $43, 42, 60, 61, 62, 63;$ $90, 91, 85, 84, 92, 93;$ $44, 43, 63, 76, 58;$ $97, 99, 90, 93, 95;$
 $49, 48, 64, 65, 66, 67;$ $93, 92, 87, 86, 94, 95;$
 $53, 52, 68, 69, 70, 71;$ $95, 94, 89, 88, 96, 97;$
 $57, 56, 72, 73, 74, 75;$ $97, 96, 81, 80, 98, 99;$
 $59, 58, 76, 77, 78, 79;$ $99, 98, 83, 82, 91, 90;$

Курносый додекаэдр (координаты не нормированы!)



21 = $\Omega(16, 15, 19);$	51 = $\Omega(14, 8, 13);$
22 = $\Omega(17, 16, 15);$	52 = $\Omega(8, 13, 18);$
23 = $\Omega(18, 17, 16);$	53 = $\Omega(13, 18, 19);$
24 = $\Omega(19, 18, 17);$	54 = $\Omega(18, 19, 14);$
25 = $\Omega(15, 19, 18);$	55 = $\Omega(19, 14, 8);$
26 = $\Omega(11, 5, 10);$	56 = $\Omega(10, 5, 0);$
27 = $\Omega(5, 10, 15);$	57 = $\Omega(5, 0, 4);$
28 = $\Omega(10, 15, 16);$	58 = $\Omega(0, 4, 9);$
29 = $\Omega(15, 16, 11);$	59 = $\Omega(4, 9, 10);$
30 = $\Omega(16, 11, 5);$	60 = $\Omega(9, 10, 5);$
31 = $\Omega(3, 2, 7);$	61 = $\Omega(11, 16, 17);$
32 = $\Omega(2, 7, 13);$	62 = $\Omega(16, 17, 12);$
33 = $\Omega(7, 13, 8);$	63 = $\Omega(17, 12, 6);$
34 = $\Omega(13, 8, 3);$	64 = $\Omega(12, 6, 11);$
35 = $\Omega(8, 3, 2);$	65 = $\Omega(6, 11, 16);$
36 = $\Omega(1, 2, 3);$	66 = $\Omega(7, 2, 1);$
37 = $\Omega(2, 3, 4);$	67 = $\Omega(2, 1, 6);$
38 = $\Omega(3, 4, 0);$	68 = $\Omega(1, 6, 12);$
39 = $\Omega(4, 0, 1);$	69 = $\Omega(6, 12, 7);$
40 = $\Omega(0, 1, 2);$	70 = $\Omega(12, 7, 2);$
41 = $\Omega(18, 13, 7);$	71 = $\Omega(15, 10, 9);$
42 = $\Omega(13, 7, 12);$	72 = $\Omega(10, 9, 14);$
43 = $\Omega(7, 12, 17);$	73 = $\Omega(9, 14, 19);$
44 = $\Omega(12, 17, 18);$	74 = $\Omega(14, 19, 15);$
45 = $\Omega(17, 18, 13);$	75 = $\Omega(19, 15, 10);$
46 = $\Omega(0, 5, 11);$	76 = $\Omega(4, 3, 8);$
47 = $\Omega(5, 11, 6);$	77 = $\Omega(3, 8, 14);$
48 = $\Omega(11, 6, 1);$	78 = $\Omega(8, 14, 9);$
49 = $\Omega(6, 1, 0);$	79 = $\Omega(14, 9, 4);$
50 = $\Omega(1, 0, 5);$	80 = $\Omega(9, 4, 3);$

33, 52, 41;	21, 75, 28;	43, 44, 62;	59, 60, 71;	75, 71, 27;	35, 34, 33, 32, 31;
34, 77, 51;	71, 60, 27;	44, 45, 24;	60, 56, 26;	76, 77, 34;	40, 39, 38, 37, 36;
35, 37, 76;	26, 56, 46;	45, 41, 52;	61, 62, 23;	77, 78, 55;	45, 44, 43, 42, 41;
31, 66, 36;	47, 65, 30;	46, 47, 30;	62, 63, 43;	78, 79, 72;	50, 49, 48, 47, 46;
32, 42, 70;	31, 32, 70;	47, 48, 64;	63, 64, 68;	79, 80, 58;	55, 54, 53, 52, 51;
45, 53, 24;	32, 33, 41;	48, 49, 67;	64, 65, 47;	80, 76, 37;	60, 59, 58, 57, 56;
25, 54, 74;	33, 34, 51;	49, 50, 39;	65, 61, 29;	22, 21, 28;	65, 64, 63, 62, 61;
55, 78, 73;	34, 35, 76;	50, 46, 56;	66, 67, 40;	23, 22, 61;	70, 69, 68, 67, 66;
79, 59, 72;	35, 31, 36;	51, 52, 33;	67, 68, 48;	24, 23, 44;	75, 74, 73, 72, 71;
38, 58, 80;	36, 37, 35;	52, 53, 45;	68, 69, 63;	25, 24, 53;	80, 79, 78, 77, 76;
39, 50, 57;	37, 38, 80;	53, 54, 25;	69, 70, 42;	21, 25, 74;	21, 22, 23, 24, 25;
67, 49, 40;	38, 39, 57;	54, 55, 73;	70, 66, 31;	26, 27, 60;	30, 29, 28, 27, 26;
64, 48, 68;	39, 40, 49;	55, 51, 77;	71, 72, 59;	27, 28, 75;	
43, 63, 69;	40, 36, 66;	56, 57, 50;	72, 73, 78;	28, 29, 22;	
23, 62, 44;	41, 42, 32;	57, 58, 38;	73, 74, 54;	29, 30, 65;	
22, 29, 61;	42, 43, 69;	58, 59, 79;	74, 75, 21;	30, 26, 46;	

$$\alpha = (\text{curt}(30472+9388\sqrt{5})+132\sqrt{68697+31080\sqrt{5}})+\text{curt}(30472+9388\sqrt{5})-132\sqrt{68697+31080\sqrt{5}}))/66;$$

$$\beta = (16-7\sqrt{5})(11\alpha(3+\sqrt{5})+22\alpha^2(2+\sqrt{5})-13-5\sqrt{5})/22;$$

$(\gamma_0, \delta_0, \varepsilon_0) \dots (\gamma_{19}, \delta_{19}, \varepsilon_{19})$ – координаты вершин додекаэдра (см. стр. 1);

$$\Omega(\chi, \psi, \omega) = (\alpha\gamma_\chi + \gamma_\psi + \beta\gamma_\omega, \alpha\delta_\chi + \delta_\psi + \beta\delta_\omega, \alpha\varepsilon_\chi + \varepsilon_\psi + \beta\varepsilon_\omega);$$