

MSG No. 166.102 $R_I\bar{3}m$ [Type IV, trigonal]

Table 1: Wyckoff site: 6a, site symmetry: -3m.

No.	position	mapping
1	[0, 0, 0]	[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12]
2	$[\frac{2}{3}, \frac{1}{3}, \frac{1}{3}]$	[13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24]
3	$[\frac{1}{3}, \frac{2}{3}, \frac{2}{3}]$	[25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36]
4	$[0, 0, \frac{1}{2}]$	[37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48]
5	$[\frac{2}{3}, \frac{1}{3}, \frac{5}{6}]$	[49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60]
6	$[\frac{1}{3}, \frac{2}{3}, \frac{1}{6}]$	[61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72]

Table 2: Wyckoff site: 6b, site symmetry: -3'm.

No.	position	mapping
1	$[0, 0, \frac{1}{4}]$	[1, 2, 3, 10, 11, 12, 40, 41, 42, 43, 44, 45]
2	$[0, 0, \frac{3}{4}]$	[4, 5, 6, 7, 8, 9, 37, 38, 39, 46, 47, 48]
3	$[\frac{2}{3}, \frac{1}{3}, \frac{7}{12}]$	[13, 14, 15, 22, 23, 24, 52, 53, 54, 55, 56, 57]
4	$[\frac{2}{3}, \frac{1}{3}, \frac{1}{12}]$	[16, 17, 18, 19, 20, 21, 49, 50, 51, 58, 59, 60]
5	$[\frac{1}{3}, \frac{2}{3}, \frac{11}{12}]$	[25, 26, 27, 34, 35, 36, 64, 65, 66, 67, 68, 69]
6	$[\frac{1}{3}, \frac{2}{3}, \frac{5}{12}]$	[28, 29, 30, 31, 32, 33, 61, 62, 63, 70, 71, 72]

Table 3: Wyckoff site: 12c, site symmetry: 3m.

No.	position	mapping
1	[0, 0, z]	[1, 2, 3, 10, 11, 12]
2	[0, 0, -z]	[4, 5, 6, 7, 8, 9]
3	$[\frac{2}{3}, \frac{1}{3}, z + \frac{1}{3}]$	[13, 14, 15, 22, 23, 24]
4	$[\frac{2}{3}, \frac{1}{3}, \frac{1}{3} - z]$	[16, 17, 18, 19, 20, 21]
5	$[\frac{1}{3}, \frac{2}{3}, z + \frac{2}{3}]$	[25, 26, 27, 34, 35, 36]
6	$[\frac{1}{3}, \frac{2}{3}, \frac{2}{3} - z]$	[28, 29, 30, 31, 32, 33]
7	$[0, 0, z + \frac{1}{2}]$	[37, 38, 39, 46, 47, 48]
8	$[0, 0, \frac{1}{2} - z]$	[40, 41, 42, 43, 44, 45]
9	$[\frac{2}{3}, \frac{1}{3}, z + \frac{5}{6}]$	[49, 50, 51, 58, 59, 60]
10	$[\frac{2}{3}, \frac{1}{3}, \frac{5}{6} - z]$	[52, 53, 54, 55, 56, 57]
11	$[\frac{1}{3}, \frac{2}{3}, z + \frac{1}{6}]$	[61, 62, 63, 70, 71, 72]
12	$[\frac{1}{3}, \frac{2}{3}, \frac{1}{6} - z]$	[64, 65, 66, 67, 68, 69]

Table 4: Wyckoff site: 18d, site symmetry: $.2'/\mathbf{m}$.

No.	position	mapping
1	$[\frac{1}{2}, 0, \frac{1}{4}]$	[1,10,40,43]
2	$[0, \frac{1}{2}, \frac{1}{4}]$	[2,11,41,44]
3	$[\frac{1}{2}, \frac{1}{2}, \frac{1}{4}]$	[3,12,42,45]
4	$[\frac{1}{2}, 0, \frac{3}{4}]$	[4,7,37,46]
5	$[0, \frac{1}{2}, \frac{3}{4}]$	[5,8,38,47]
6	$[\frac{1}{2}, \frac{1}{2}, \frac{3}{4}]$	[6,9,39,48]
7	$[\frac{1}{6}, \frac{1}{3}, \frac{7}{12}]$	[13,22,52,55]
8	$[\frac{2}{3}, \frac{5}{6}, \frac{7}{12}]$	[14,23,53,56]
9	$[\frac{1}{6}, \frac{5}{6}, \frac{7}{12}]$	[15,24,54,57]
10	$[\frac{1}{6}, \frac{1}{3}, \frac{1}{12}]$	[16,19,49,58]
11	$[\frac{2}{3}, \frac{5}{6}, \frac{1}{12}]$	[17,20,50,59]
12	$[\frac{1}{6}, \frac{5}{6}, \frac{1}{12}]$	[18,21,51,60]
13	$[\frac{5}{6}, \frac{2}{3}, \frac{11}{12}]$	[25,34,64,67]
14	$[\frac{1}{3}, \frac{1}{6}, \frac{11}{12}]$	[26,35,65,68]
15	$[\frac{5}{6}, \frac{1}{6}, \frac{11}{12}]$	[27,36,66,69]
16	$[\frac{5}{6}, \frac{2}{3}, \frac{5}{12}]$	[28,31,61,70]
17	$[\frac{1}{3}, \frac{1}{6}, \frac{5}{12}]$	[29,32,62,71]
18	$[\frac{5}{6}, \frac{1}{6}, \frac{5}{12}]$	[30,33,63,72]

Table 5: Wyckoff site: 18e, site symmetry: $.2/\mathbf{m}$.

No.	position	mapping
1	$[\frac{1}{2}, 0, 0]$	[1,4,7,10]
2	$[0, \frac{1}{2}, 0]$	[2,5,8,11]
3	$[\frac{1}{2}, \frac{1}{2}, 0]$	[3,6,9,12]
4	$[\frac{1}{6}, \frac{1}{3}, \frac{1}{3}]$	[13,16,19,22]
5	$[\frac{2}{3}, \frac{5}{6}, \frac{1}{3}]$	[14,17,20,23]
6	$[\frac{1}{6}, \frac{5}{6}, \frac{1}{3}]$	[15,18,21,24]
7	$[\frac{5}{6}, \frac{2}{3}, \frac{2}{3}]$	[25,28,31,34]
8	$[\frac{1}{3}, \frac{1}{6}, \frac{2}{3}]$	[26,29,32,35]
9	$[\frac{5}{6}, \frac{1}{6}, \frac{2}{3}]$	[27,30,33,36]
10	$[\frac{1}{2}, 0, \frac{1}{2}]$	[37,40,43,46]
11	$[0, \frac{1}{2}, \frac{1}{2}]$	[38,41,44,47]
12	$[\frac{1}{2}, \frac{1}{2}, \frac{1}{2}]$	[39,42,45,48]
13	$[\frac{1}{6}, \frac{1}{3}, \frac{5}{6}]$	[49,52,55,58]
14	$[\frac{2}{3}, \frac{5}{6}, \frac{5}{6}]$	[50,53,56,59]
15	$[\frac{1}{6}, \frac{5}{6}, \frac{5}{6}]$	[51,54,57,60]
16	$[\frac{5}{6}, \frac{2}{3}, \frac{1}{6}]$	[61,64,67,70]
17	$[\frac{1}{3}, \frac{1}{6}, \frac{1}{6}]$	[62,65,68,71]
18	$[\frac{5}{6}, \frac{1}{6}, \frac{1}{6}]$	[63,66,69,72]

Table 6: Wyckoff site: 36f, site symmetry: .2.

No.	position	mapping
1	$[x, 0, 0]$	[1,4]
2	$[0, x, 0]$	[2,5]
3	$[-x, -x, 0]$	[3,6]
4	$[-x, 0, 0]$	[7,10]
5	$[0, -x, 0]$	[8,11]
6	$[x, x, 0]$	[9,12]
7	$[x + \frac{2}{3}, \frac{1}{3}, \frac{1}{3}]$	[13,16]
8	$[\frac{2}{3}, x + \frac{1}{3}, \frac{1}{3}]$	[14,17]
9	$[\frac{2}{3} - x, \frac{1}{3} - x, \frac{1}{3}]$	[15,18]
10	$[\frac{2}{3} - x, \frac{1}{3}, \frac{1}{3}]$	[19,22]
11	$[\frac{2}{3}, \frac{1}{3} - x, \frac{1}{3}]$	[20,23]
12	$[x + \frac{2}{3}, x + \frac{1}{3}, \frac{1}{3}]$	[21,24]
13	$[x + \frac{1}{3}, \frac{2}{3}, \frac{2}{3}]$	[25,28]
14	$[\frac{1}{3}, x + \frac{2}{3}, \frac{2}{3}]$	[26,29]
15	$[\frac{1}{3} - x, \frac{2}{3} - x, \frac{2}{3}]$	[27,30]
16	$[\frac{1}{3} - x, \frac{2}{3}, \frac{2}{3}]$	[31,34]
17	$[\frac{1}{3}, \frac{2}{3} - x, \frac{2}{3}]$	[32,35]
18	$[x + \frac{1}{3}, x + \frac{2}{3}, \frac{2}{3}]$	[33,36]
19	$[x, 0, \frac{1}{2}]$	[37,40]
20	$[0, x, \frac{1}{2}]$	[38,41]
21	$[-x, -x, \frac{1}{2}]$	[39,42]
22	$[-x, 0, \frac{1}{2}]$	[43,46]
23	$[0, -x, \frac{1}{2}]$	[44,47]
24	$[x, x, \frac{1}{2}]$	[45,48]
25	$[x + \frac{2}{3}, \frac{1}{3}, \frac{5}{6}]$	[49,52]
26	$[\frac{2}{3}, x + \frac{1}{3}, \frac{5}{6}]$	[50,53]
27	$[\frac{2}{3} - x, \frac{1}{3} - x, \frac{5}{6}]$	[51,54]
28	$[\frac{2}{3} - x, \frac{1}{3}, \frac{5}{6}]$	[55,58]
29	$[\frac{2}{3}, \frac{1}{3} - x, \frac{5}{6}]$	[56,59]
30	$[x + \frac{2}{3}, x + \frac{1}{3}, \frac{5}{6}]$	[57,60]
31	$[x + \frac{1}{3}, \frac{2}{3}, \frac{1}{6}]$	[61,64]
32	$[\frac{1}{3}, x + \frac{2}{3}, \frac{1}{6}]$	[62,65]
33	$[\frac{1}{3} - x, \frac{2}{3} - x, \frac{1}{6}]$	[63,66]
34	$[\frac{1}{3} - x, \frac{2}{3}, \frac{1}{6}]$	[67,70]
35	$[\frac{1}{3}, \frac{2}{3} - x, \frac{1}{6}]$	[68,71]
36	$[x + \frac{1}{3}, x + \frac{2}{3}, \frac{1}{6}]$	[69,72]

Table 7: Wyckoff site: 36g, site symmetry: .2'.

No.	position	mapping
1	$[x, 0, \frac{1}{4}]$	[1,40]
2	$[0, x, \frac{1}{4}]$	[2,41]
3	$[-x, -x, \frac{1}{4}]$	[3,42]

continued ...

Table 7

No.	position	mapping
4	$[x, 0, \frac{3}{4}]$	[4,37]
5	$[0, x, \frac{3}{4}]$	[5,38]
6	$[-x, -x, \frac{3}{4}]$	[6,39]
7	$[-x, 0, \frac{3}{4}]$	[7,46]
8	$[0, -x, \frac{3}{4}]$	[8,47]
9	$[x, x, \frac{3}{4}]$	[9,48]
10	$[-x, 0, \frac{1}{4}]$	[10,43]
11	$[0, -x, \frac{1}{4}]$	[11,44]
12	$[x, x, \frac{1}{4}]$	[12,45]
13	$[x + \frac{2}{3}, \frac{1}{3}, \frac{7}{12}]$	[13,52]
14	$[\frac{2}{3}, x + \frac{1}{3}, \frac{7}{12}]$	[14,53]
15	$[\frac{2}{3} - x, \frac{1}{3} - x, \frac{7}{12}]$	[15,54]
16	$[x + \frac{2}{3}, \frac{1}{3}, \frac{1}{12}]$	[16,49]
17	$[\frac{2}{3}, x + \frac{1}{3}, \frac{1}{12}]$	[17,50]
18	$[\frac{2}{3} - x, \frac{1}{3} - x, \frac{1}{12}]$	[18,51]
19	$[\frac{2}{3} - x, \frac{1}{3}, \frac{1}{12}]$	[19,58]
20	$[\frac{2}{3}, \frac{1}{3} - x, \frac{1}{12}]$	[20,59]
21	$[x + \frac{2}{3}, x + \frac{1}{3}, \frac{1}{12}]$	[21,60]
22	$[\frac{2}{3} - x, \frac{1}{3}, \frac{7}{12}]$	[22,55]
23	$[\frac{2}{3}, \frac{1}{3} - x, \frac{7}{12}]$	[23,56]
24	$[x + \frac{2}{3}, x + \frac{1}{3}, \frac{7}{12}]$	[24,57]
25	$[x + \frac{1}{3}, \frac{2}{3}, \frac{11}{12}]$	[25,64]
26	$[\frac{1}{3}, x + \frac{2}{3}, \frac{11}{12}]$	[26,65]
27	$[\frac{1}{3} - x, \frac{2}{3} - x, \frac{11}{12}]$	[27,66]
28	$[x + \frac{1}{3}, \frac{2}{3}, \frac{5}{12}]$	[28,61]
29	$[\frac{1}{3}, x + \frac{2}{3}, \frac{5}{12}]$	[29,62]
30	$[\frac{1}{3} - x, \frac{2}{3} - x, \frac{5}{12}]$	[30,63]
31	$[\frac{1}{3} - x, \frac{2}{3}, \frac{5}{12}]$	[31,70]
32	$[\frac{1}{3}, \frac{2}{3} - x, \frac{5}{12}]$	[32,71]
33	$[x + \frac{1}{3}, x + \frac{2}{3}, \frac{5}{12}]$	[33,72]
34	$[\frac{1}{3} - x, \frac{2}{3}, \frac{11}{12}]$	[34,67]
35	$[\frac{1}{3}, \frac{2}{3} - x, \frac{11}{12}]$	[35,68]
36	$[x + \frac{1}{3}, x + \frac{2}{3}, \frac{11}{12}]$	[36,69]

Table 8: Wyckoff site: 36h, site symmetry: .m.

No.	position	mapping
1	$[x, -x, z]$	[1,11]
2	$[x, 2x, z]$	[2,12]
3	$[-2x, -x, z]$	[3,10]
4	$[2x, x, -z]$	[4,9]
5	$[-x, x, -z]$	[5,7]
6	$[-x, -2x, -z]$	[6,8]
7	$[x + \frac{2}{3}, \frac{1}{3} - x, z + \frac{1}{3}]$	[13,23]

continued ...

Table 8

No.	position	mapping
8	$[x + \frac{2}{3}, 2x + \frac{1}{3}, z + \frac{1}{3}]$	[14,24]
9	$[\frac{2}{3} - 2x, \frac{1}{3} - x, z + \frac{1}{3}]$	[15,22]
10	$[2x + \frac{2}{3}, x + \frac{1}{3}, \frac{1}{3} - z]$	[16,21]
11	$[\frac{2}{3} - x, x + \frac{1}{3}, \frac{1}{3} - z]$	[17,19]
12	$[\frac{2}{3} - x, \frac{1}{3} - 2x, \frac{1}{3} - z]$	[18,20]
13	$[x + \frac{1}{3}, \frac{2}{3} - x, z + \frac{2}{3}]$	[25,35]
14	$[x + \frac{1}{3}, 2x + \frac{2}{3}, z + \frac{2}{3}]$	[26,36]
15	$[\frac{1}{3} - 2x, \frac{2}{3} - x, z + \frac{2}{3}]$	[27,34]
16	$[2x + \frac{1}{3}, x + \frac{2}{3}, \frac{2}{3} - z]$	[28,33]
17	$[\frac{1}{3} - x, x + \frac{2}{3}, \frac{2}{3} - z]$	[29,31]
18	$[\frac{1}{3} - x, \frac{2}{3} - 2x, \frac{2}{3} - z]$	[30,32]
19	$[x, -x, z + \frac{1}{2}]$	[37,47]
20	$[x, 2x, z + \frac{1}{2}]$	[38,48]
21	$[-2x, -x, z + \frac{1}{2}]$	[39,46]
22	$[2x, x, \frac{1}{2} - z]$	[40,45]
23	$[-x, x, \frac{1}{2} - z]$	[41,43]
24	$[-x, -2x, \frac{1}{2} - z]$	[42,44]
25	$[x + \frac{2}{3}, \frac{1}{3} - x, z + \frac{5}{6}]$	[49,59]
26	$[x + \frac{2}{3}, 2x + \frac{1}{3}, z + \frac{5}{6}]$	[50,60]
27	$[\frac{2}{3} - 2x, \frac{1}{3} - x, z + \frac{5}{6}]$	[51,58]
28	$[2x + \frac{2}{3}, x + \frac{1}{3}, \frac{5}{6} - z]$	[52,57]
29	$[\frac{2}{3} - x, x + \frac{1}{3}, \frac{5}{6} - z]$	[53,55]
30	$[\frac{2}{3} - x, \frac{1}{3} - 2x, \frac{5}{6} - z]$	[54,56]
31	$[x + \frac{1}{3}, \frac{2}{3} - x, z + \frac{1}{6}]$	[61,71]
32	$[x + \frac{1}{3}, 2x + \frac{2}{3}, z + \frac{1}{6}]$	[62,72]
33	$[\frac{1}{3} - 2x, \frac{2}{3} - x, z + \frac{1}{6}]$	[63,70]
34	$[2x + \frac{1}{3}, x + \frac{2}{3}, \frac{1}{6} - z]$	[64,69]
35	$[\frac{1}{3} - x, x + \frac{2}{3}, \frac{1}{6} - z]$	[65,67]
36	$[\frac{1}{3} - x, \frac{2}{3} - 2x, \frac{1}{6} - z]$	[66,68]

Table 9: Wyckoff site: 72i, site symmetry: 1

No.	position	mapping
1	$[x, y, z]$	[1]
2	$[-y, x - y, z]$	[2]
3	$[-x + y, -x, z]$	[3]
4	$[x - y, -y, -z]$	[4]
5	$[y, x, -z]$	[5]
6	$[-x, -x + y, -z]$	[6]
7	$[-x, -y, -z]$	[7]
8	$[y, -x + y, -z]$	[8]
9	$[x - y, x, -z]$	[9]
10	$[-x + y, y, z]$	[10]
11	$[-y, -x, z]$	[11]

continued ...

Table 9

No.	position	mapping
12	$[x, x - y, z]$	[12]
13	$[x + \frac{2}{3}, y + \frac{1}{3}, z + \frac{1}{3}]$	[13]
14	$[\frac{2}{3} - y, x - y + \frac{1}{3}, z + \frac{1}{3}]$	[14]
15	$[-x + y + \frac{2}{3}, \frac{1}{3} - x, z + \frac{1}{3}]$	[15]
16	$[x - y + \frac{2}{3}, \frac{1}{3} - y, \frac{1}{3} - z]$	[16]
17	$[y + \frac{2}{3}, x + \frac{1}{3}, \frac{1}{3} - z]$	[17]
18	$[\frac{2}{3} - x, -x + y + \frac{1}{3}, \frac{1}{3} - z]$	[18]
19	$[\frac{2}{3} - x, \frac{1}{3} - y, \frac{1}{3} - z]$	[19]
20	$[y + \frac{2}{3}, -x + y + \frac{1}{3}, \frac{1}{3} - z]$	[20]
21	$[x - y + \frac{2}{3}, x + \frac{1}{3}, \frac{1}{3} - z]$	[21]
22	$[-x + y + \frac{2}{3}, y + \frac{1}{3}, z + \frac{1}{3}]$	[22]
23	$[\frac{2}{3} - y, \frac{1}{3} - x, z + \frac{1}{3}]$	[23]
24	$[x + \frac{2}{3}, x - y + \frac{1}{3}, z + \frac{1}{3}]$	[24]
25	$[x + \frac{1}{3}, y + \frac{2}{3}, z + \frac{2}{3}]$	[25]
26	$[\frac{1}{3} - y, x - y + \frac{2}{3}, z + \frac{2}{3}]$	[26]
27	$[-x + y + \frac{1}{3}, \frac{2}{3} - x, z + \frac{2}{3}]$	[27]
28	$[x - y + \frac{1}{3}, \frac{2}{3} - y, \frac{2}{3} - z]$	[28]
29	$[y + \frac{1}{3}, x + \frac{2}{3}, \frac{2}{3} - z]$	[29]
30	$[\frac{1}{3} - x, -x + y + \frac{2}{3}, \frac{2}{3} - z]$	[30]
31	$[\frac{1}{3} - x, \frac{2}{3} - y, \frac{2}{3} - z]$	[31]
32	$[y + \frac{1}{3}, -x + y + \frac{2}{3}, \frac{2}{3} - z]$	[32]
33	$[x - y + \frac{1}{3}, x + \frac{2}{3}, \frac{2}{3} - z]$	[33]
34	$[-x + y + \frac{1}{3}, y + \frac{2}{3}, z + \frac{2}{3}]$	[34]
35	$[\frac{1}{3} - y, \frac{2}{3} - x, z + \frac{2}{3}]$	[35]
36	$[x + \frac{1}{3}, x - y + \frac{2}{3}, z + \frac{2}{3}]$	[36]
37	$[x, y, z + \frac{1}{2}]$	[37]
38	$[-y, x - y, z + \frac{1}{2}]$	[38]
39	$[-x + y, -x, z + \frac{1}{2}]$	[39]
40	$[x - y, -y, \frac{1}{2} - z]$	[40]
41	$[y, x, \frac{1}{2} - z]$	[41]
42	$[-x, -x + y, \frac{1}{2} - z]$	[42]
43	$[-x, -y, \frac{1}{2} - z]$	[43]
44	$[y, -x + y, \frac{1}{2} - z]$	[44]
45	$[x - y, x, \frac{1}{2} - z]$	[45]
46	$[-x + y, y, z + \frac{1}{2}]$	[46]
47	$[-y, -x, z + \frac{1}{2}]$	[47]
48	$[x, x - y, z + \frac{1}{2}]$	[48]
49	$[x + \frac{2}{3}, y + \frac{1}{3}, z + \frac{5}{6}]$	[49]
50	$[\frac{2}{3} - y, x - y + \frac{1}{3}, z + \frac{5}{6}]$	[50]
51	$[-x + y + \frac{2}{3}, \frac{1}{3} - x, z + \frac{5}{6}]$	[51]
52	$[x - y + \frac{2}{3}, \frac{1}{3} - y, \frac{5}{6} - z]$	[52]
53	$[y + \frac{2}{3}, x + \frac{1}{3}, \frac{5}{6} - z]$	[53]
54	$[\frac{2}{3} - x, -x + y + \frac{1}{3}, \frac{5}{6} - z]$	[54]
55	$[\frac{2}{3} - x, \frac{1}{3} - y, \frac{5}{6} - z]$	[55]
56	$[y + \frac{2}{3}, -x + y + \frac{1}{3}, \frac{5}{6} - z]$	[56]
57	$[x - y + \frac{2}{3}, x + \frac{1}{3}, \frac{5}{6} - z]$	[57]
58	$[-x + y + \frac{2}{3}, y + \frac{1}{3}, z + \frac{5}{6}]$	[58]

continued ...

Table 9

No.	position	mapping
59	$[\frac{2}{3} - y, \frac{1}{3} - x, z + \frac{5}{6}]$	[59]
60	$[x + \frac{2}{3}, x - y + \frac{1}{3}, z + \frac{5}{6}]$	[60]
61	$[x + \frac{1}{3}, y + \frac{2}{3}, z + \frac{1}{6}]$	[61]
62	$[\frac{1}{3} - y, x - y + \frac{2}{3}, z + \frac{1}{6}]$	[62]
63	$[-x + y + \frac{1}{3}, \frac{2}{3} - x, z + \frac{1}{6}]$	[63]
64	$[x - y + \frac{1}{3}, \frac{2}{3} - y, \frac{1}{6} - z]$	[64]
65	$[y + \frac{1}{3}, x + \frac{2}{3}, \frac{1}{6} - z]$	[65]
66	$[\frac{1}{3} - x, -x + y + \frac{2}{3}, \frac{1}{6} - z]$	[66]
67	$[\frac{1}{3} - x, \frac{2}{3} - y, \frac{1}{6} - z]$	[67]
68	$[y + \frac{1}{3}, -x + y + \frac{2}{3}, \frac{1}{6} - z]$	[68]
69	$[x - y + \frac{1}{3}, x + \frac{2}{3}, \frac{1}{6} - z]$	[69]
70	$[-x + y + \frac{1}{3}, y + \frac{2}{3}, z + \frac{1}{6}]$	[70]
71	$[\frac{1}{3} - y, \frac{2}{3} - x, z + \frac{1}{6}]$	[71]
72	$[x + \frac{1}{3}, x - y + \frac{2}{3}, z + \frac{1}{6}]$	[72]