MSG No. 68.519 C_acca [Type IV, orthorhombic]

Table 1: Wyckoff site: `8a`, site symmetry: `..2/m'`

No.	position	mapping
1	$\left[\frac{3}{4}, 0, 0\right]$	[1,12,24,29]
2	$\left[\frac{3}{4}, \frac{1}{2}, \frac{1}{2}\right]$	[2,11,23,30]
3	$\left[\frac{1}{4}, 0, \frac{1}{2}\right]$	[3,10,22,31]
4	$\left[\frac{1}{4}, \frac{1}{2}, 0\right]$	[4,9,21,32]
5	$\left[\frac{3}{4}, \frac{1}{2}, 0\right]$	[5,16,20,25]
6	$\left[\frac{3}{4}, 0, \frac{1}{2}\right]$	[6,15,19,26]
7	$\left[\frac{1}{4}, \frac{1}{2}, \frac{1}{2}\right]$	[7,14,18,27]
8	$\left[\frac{1}{4}, 0, 0\right]$	[8,13,17,28]

Table 2: Wyckoff site: `8b`, site symmetry: `..2/m'`

No.	position	mapping
1	$\left[0, \frac{1}{4}, 0\right]$	[1,4,21,24]
2	$\left[0, \frac{1}{4}, \frac{1}{2}\right]$	[2,3,22,23]
3	$\left[\frac{1}{2}, \frac{1}{4}, 0\right]$	[5,8,17,20]
4	$\left[\frac{1}{2}, \frac{1}{4}, \frac{1}{2}\right]$	[6,7,18,19]
5	$\left[\frac{1}{2}, \frac{3}{4}, 0\right]$	[9,12,29,32]
6	$\left[\frac{1}{2}, \frac{3}{4}, \frac{1}{2}\right]$	[10,11,30,31]
7	$\left[0, \frac{3}{4}, 0\right]$	[13,16,25,28]
8	$\left[0, \frac{3}{4}, \frac{1}{2}\right]$	[14,15,26,27]

Table 3: Wyckoff site: `8c`, site symmetry: `..2'/m'`

No.	position	mapping
1	$\left[\frac{3}{4}, \frac{1}{4}, 0\right]$	[1,5,20,24]
2	$\left[\frac{3}{4}, \frac{1}{4}, \frac{1}{2}\right]$	[2,6,19,23]
3	$\left[\frac{1}{4}, \frac{1}{4}, \frac{1}{2}\right]$	[3,7,18,22]
4	$\left[\frac{1}{4}, \frac{1}{4}, 0\right]$	[4,8,17,21]
5	$\left[\frac{1}{4}, \frac{3}{4}, 0\right]$	[9,13,28,32]
6	$\left[\frac{1}{4}, \frac{3}{4}, \frac{1}{2}\right]$	[10,14,27,31]
7	$\left[\frac{3}{4}, \frac{3}{4}, \frac{1}{2}\right]$	[11,15,26,30]
8	$\left[\frac{3}{4}, \frac{3}{4}, 0\right]$	[12,16,25,29]

Table 4: Wyckoff site: 8d, site symmetry: ..2'/m'

No.	position	mapping
1	$[0, 0, 0]$	[1,13,24,28]
2	$[0, \frac{1}{2}, \frac{1}{2}]$	[2,14,23,27]
3	$[0, 0, \frac{1}{2}]$	[3,15,22,26]
4	$[0, \frac{1}{2}, 0]$	[4,16,21,25]
5	$[\frac{1}{2}, \frac{1}{2}, 0]$	[5,9,20,32]
6	$[\frac{1}{2}, 0, \frac{1}{2}]$	[6,10,19,31]
7	$[\frac{1}{2}, \frac{1}{2}, \frac{1}{2}]$	[7,11,18,30]
8	$[\frac{1}{2}, 0, 0]$	[8,12,17,29]

Table 5: Wyckoff site: 8e, site symmetry: 2'2'2

No.	position	mapping
1	$[\frac{3}{4}, 0, \frac{1}{4}]$	[1,12,19,26]
2	$[\frac{3}{4}, \frac{1}{2}, \frac{1}{4}]$	[2,11,20,25]
3	$[\frac{1}{4}, 0, \frac{1}{4}]$	[3,10,17,28]
4	$[\frac{1}{4}, \frac{1}{2}, \frac{1}{4}]$	[4,9,18,27]
5	$[\frac{3}{4}, \frac{1}{2}, \frac{3}{4}]$	[5,16,23,30]
6	$[\frac{3}{4}, 0, \frac{3}{4}]$	[6,15,24,29]
7	$[\frac{1}{4}, \frac{1}{2}, \frac{3}{4}]$	[7,14,21,32]
8	$[\frac{1}{4}, 0, \frac{3}{4}]$	[8,13,22,31]

Table 6: Wyckoff site: 8f, site symmetry: 2'22'

No.	position	mapping
1	$[0, 0, \frac{1}{4}]$	[1,3,26,28]
2	$[0, \frac{1}{2}, \frac{1}{4}]$	[2,4,25,27]
3	$[\frac{1}{2}, \frac{1}{2}, \frac{3}{4}]$	[5,7,30,32]
4	$[\frac{1}{2}, 0, \frac{3}{4}]$	[6,8,29,31]
5	$[\frac{1}{2}, \frac{1}{2}, \frac{1}{4}]$	[9,11,18,20]
6	$[\frac{1}{2}, 0, \frac{1}{4}]$	[10,12,17,19]
7	$[0, 0, \frac{3}{4}]$	[13,15,22,24]
8	$[0, \frac{1}{2}, \frac{3}{4}]$	[14,16,21,23]

Table 7: Wyckoff site: 8g, site symmetry: 22'2'

No.	position	mapping
1	$[\frac{3}{4}, \frac{1}{4}, \frac{1}{4}]$	[1,2,19,20]
2	$[\frac{1}{4}, \frac{1}{4}, \frac{1}{4}]$	[3,4,17,18]
3	$[\frac{3}{4}, \frac{1}{4}, \frac{3}{4}]$	[5,6,23,24]

continued ...

Table 7

No.	position	mapping
4	$\left[\frac{1}{4}, \frac{1}{4}, \frac{3}{4}\right]$	[7,8,21,22]
5	$\left[\frac{1}{4}, \frac{3}{4}, \frac{1}{4}\right]$	[9,10,27,28]
6	$\left[\frac{3}{4}, \frac{3}{4}, \frac{1}{4}\right]$	[11,12,25,26]
7	$\left[\frac{1}{4}, \frac{3}{4}, \frac{3}{4}\right]$	[13,14,31,32]
8	$\left[\frac{3}{4}, \frac{3}{4}, \frac{3}{4}\right]$	[15,16,29,30]

Table 8: Wyckoff site: `8h`, site symmetry: `222`

No.	position	mapping
1	$\left[0, \frac{1}{4}, \frac{1}{4}\right]$	[1,2,3,4]
2	$\left[\frac{1}{2}, \frac{1}{4}, \frac{3}{4}\right]$	[5,6,7,8]
3	$\left[\frac{1}{2}, \frac{3}{4}, \frac{1}{4}\right]$	[9,10,11,12]
4	$\left[0, \frac{3}{4}, \frac{3}{4}\right]$	[13,14,15,16]
5	$\left[\frac{1}{2}, \frac{1}{4}, \frac{1}{4}\right]$	[17,18,19,20]
6	$\left[0, \frac{1}{4}, \frac{3}{4}\right]$	[21,22,23,24]
7	$\left[0, \frac{3}{4}, \frac{1}{4}\right]$	[25,26,27,28]
8	$\left[\frac{1}{2}, \frac{3}{4}, \frac{3}{4}\right]$	[29,30,31,32]

Table 9: Wyckoff site: `16i`, site symmetry: `2'..`

No.	position	mapping
1	$\left[x, 0, \frac{1}{4}\right]$	[1,26]
2	$\left[x, \frac{1}{2}, \frac{1}{4}\right]$	[2,25]
3	$\left[-x, 0, \frac{1}{4}\right]$	[3,28]
4	$\left[-x, \frac{1}{2}, \frac{1}{4}\right]$	[4,27]
5	$\left[\frac{1}{2} - x, \frac{1}{2}, \frac{3}{4}\right]$	[5,30]
6	$\left[\frac{1}{2} - x, 0, \frac{3}{4}\right]$	[6,29]
7	$\left[x + \frac{1}{2}, \frac{1}{2}, \frac{3}{4}\right]$	[7,32]
8	$\left[x + \frac{1}{2}, 0, \frac{3}{4}\right]$	[8,31]
9	$\left[x + \frac{1}{2}, \frac{1}{2}, \frac{1}{4}\right]$	[9,18]
10	$\left[x + \frac{1}{2}, 0, \frac{1}{4}\right]$	[10,17]
11	$\left[\frac{1}{2} - x, \frac{1}{2}, \frac{1}{4}\right]$	[11,20]
12	$\left[\frac{1}{2} - x, 0, \frac{1}{4}\right]$	[12,19]
13	$\left[-x, 0, \frac{3}{4}\right]$	[13,22]
14	$\left[-x, \frac{1}{2}, \frac{3}{4}\right]$	[14,21]
15	$\left[x, 0, \frac{3}{4}\right]$	[15,24]
16	$\left[x, \frac{1}{2}, \frac{3}{4}\right]$	[16,23]

Table 10: Wyckoff site: `16j`, site symmetry: `2..`.

No.	position	mapping
1	$\left[x, \frac{1}{4}, \frac{1}{4}\right]$	[1,2]
2	$\left[-x, \frac{1}{4}, \frac{1}{4}\right]$	[3,4]
3	$\left[\frac{1}{2} - x, \frac{1}{4}, \frac{3}{4}\right]$	[5,6]
4	$\left[x + \frac{1}{2}, \frac{1}{4}, \frac{3}{4}\right]$	[7,8]
5	$\left[x + \frac{1}{2}, \frac{3}{4}, \frac{1}{4}\right]$	[9,10]
6	$\left[\frac{1}{2} - x, \frac{3}{4}, \frac{1}{4}\right]$	[11,12]
7	$\left[-x, \frac{3}{4}, \frac{3}{4}\right]$	[13,14]
8	$\left[x, \frac{3}{4}, \frac{3}{4}\right]$	[15,16]
9	$\left[x + \frac{1}{2}, \frac{1}{4}, \frac{1}{4}\right]$	[17,18]
10	$\left[\frac{1}{2} - x, \frac{1}{4}, \frac{1}{4}\right]$	[19,20]
11	$\left[-x, \frac{1}{4}, \frac{3}{4}\right]$	[21,22]
12	$\left[x, \frac{1}{4}, \frac{3}{4}\right]$	[23,24]
13	$\left[x, \frac{3}{4}, \frac{1}{4}\right]$	[25,26]
14	$\left[-x, \frac{3}{4}, \frac{1}{4}\right]$	[27,28]
15	$\left[\frac{1}{2} - x, \frac{3}{4}, \frac{3}{4}\right]$	[29,30]
16	$\left[x + \frac{1}{2}, \frac{3}{4}, \frac{3}{4}\right]$	[31,32]

Table 11: Wyckoff site: `16k`, site symmetry: `.2'`.

No.	position	mapping
1	$\left[\frac{3}{4}, y, \frac{1}{4}\right]$	[1,19]
2	$\left[\frac{3}{4}, \frac{1}{2} - y, \frac{1}{4}\right]$	[2,20]
3	$\left[\frac{1}{4}, y, \frac{1}{4}\right]$	[3,17]
4	$\left[\frac{1}{4}, \frac{1}{2} - y, \frac{1}{4}\right]$	[4,18]
5	$\left[\frac{3}{4}, \frac{1}{2} - y, \frac{3}{4}\right]$	[5,23]
6	$\left[\frac{3}{4}, y, \frac{3}{4}\right]$	[6,24]
7	$\left[\frac{1}{4}, \frac{1}{2} - y, \frac{3}{4}\right]$	[7,21]
8	$\left[\frac{1}{4}, y, \frac{3}{4}\right]$	[8,22]
9	$\left[\frac{1}{4}, y + \frac{1}{2}, \frac{1}{4}\right]$	[9,27]
10	$\left[\frac{1}{4}, -y, \frac{1}{4}\right]$	[10,28]
11	$\left[\frac{3}{4}, y + \frac{1}{2}, \frac{1}{4}\right]$	[11,25]
12	$\left[\frac{3}{4}, -y, \frac{1}{4}\right]$	[12,26]
13	$\left[\frac{1}{4}, -y, \frac{3}{4}\right]$	[13,31]
14	$\left[\frac{1}{4}, y + \frac{1}{2}, \frac{3}{4}\right]$	[14,32]
15	$\left[\frac{3}{4}, -y, \frac{3}{4}\right]$	[15,29]
16	$\left[\frac{3}{4}, y + \frac{1}{2}, \frac{3}{4}\right]$	[16,30]

Table 12: Wyckoff site: `16l`, site symmetry: `.2.`.

No.	position	mapping
1	$\left[0, y, \frac{1}{4}\right]$	[1,3]

continued ...

Table 12

No.	position	mapping
2	$\left[0, \frac{1}{2} - y, \frac{1}{4}\right]$	[2,4]
3	$\left[\frac{1}{2}, \frac{1}{2} - y, \frac{3}{4}\right]$	[5,7]
4	$\left[\frac{1}{2}, y, \frac{3}{4}\right]$	[6,8]
5	$\left[\frac{1}{2}, y + \frac{1}{2}, \frac{1}{4}\right]$	[9,11]
6	$\left[\frac{1}{2}, -y, \frac{1}{4}\right]$	[10,12]
7	$\left[0, -y, \frac{3}{4}\right]$	[13,15]
8	$\left[0, y + \frac{1}{2}, \frac{3}{4}\right]$	[14,16]
9	$\left[\frac{1}{2}, y, \frac{1}{4}\right]$	[17,19]
10	$\left[\frac{1}{2}, \frac{1}{2} - y, \frac{1}{4}\right]$	[18,20]
11	$\left[0, \frac{1}{2} - y, \frac{3}{4}\right]$	[21,23]
12	$\left[0, y, \frac{3}{4}\right]$	[22,24]
13	$\left[0, y + \frac{1}{2}, \frac{1}{4}\right]$	[25,27]
14	$\left[0, -y, \frac{1}{4}\right]$	[26,28]
15	$\left[\frac{1}{2}, -y, \frac{3}{4}\right]$	[29,31]
16	$\left[\frac{1}{2}, y + \frac{1}{2}, \frac{3}{4}\right]$	[30,32]

Table 13: Wyckoff site: 16m, site symmetry: ..2

No.	position	mapping
1	$\left[\frac{3}{4}, 0, z\right]$	[1,12]
2	$\left[\frac{3}{4}, \frac{1}{2}, \frac{1}{2} - z\right]$	[2,11]
3	$\left[\frac{1}{4}, 0, \frac{1}{2} - z\right]$	[3,10]
4	$\left[\frac{1}{4}, \frac{1}{2}, z\right]$	[4,9]
5	$\left[\frac{3}{4}, \frac{1}{2}, -z\right]$	[5,16]
6	$\left[\frac{3}{4}, 0, z + \frac{1}{2}\right]$	[6,15]
7	$\left[\frac{1}{4}, \frac{1}{2}, z + \frac{1}{2}\right]$	[7,14]
8	$\left[\frac{1}{4}, 0, -z\right]$	[8,13]
9	$\left[\frac{1}{4}, 0, z\right]$	[17,28]
10	$\left[\frac{1}{4}, \frac{1}{2}, \frac{1}{2} - z\right]$	[18,27]
11	$\left[\frac{3}{4}, 0, \frac{1}{2} - z\right]$	[19,26]
12	$\left[\frac{3}{4}, \frac{1}{2}, z\right]$	[20,25]
13	$\left[\frac{1}{4}, \frac{1}{2}, -z\right]$	[21,32]
14	$\left[\frac{1}{4}, 0, z + \frac{1}{2}\right]$	[22,31]
15	$\left[\frac{3}{4}, \frac{1}{2}, z + \frac{1}{2}\right]$	[23,30]
16	$\left[\frac{3}{4}, 0, -z\right]$	[24,29]

Table 14: Wyckoff site: 16n, site symmetry: ..2

No.	position	mapping
1	$\left[0, \frac{1}{4}, z\right]$	[1,4]
2	$\left[0, \frac{1}{4}, \frac{1}{2} - z\right]$	[2,3]
3	$\left[\frac{1}{2}, \frac{1}{4}, -z\right]$	[5,8]

continued ...

Table 14

No.	position	mapping
4	$\left[\frac{1}{2}, \frac{1}{4}, z + \frac{1}{2}\right]$	[6,7]
5	$\left[\frac{1}{2}, \frac{3}{4}, z\right]$	[9,12]
6	$\left[\frac{1}{2}, \frac{3}{4}, \frac{1}{2} - z\right]$	[10,11]
7	$\left[0, \frac{3}{4}, -z\right]$	[13,16]
8	$\left[0, \frac{3}{4}, z + \frac{1}{2}\right]$	[14,15]
9	$\left[\frac{1}{2}, \frac{1}{4}, z\right]$	[17,20]
10	$\left[\frac{1}{2}, \frac{1}{4}, \frac{1}{2} - z\right]$	[18,19]
11	$\left[0, \frac{1}{4}, -z\right]$	[21,24]
12	$\left[0, \frac{1}{4}, z + \frac{1}{2}\right]$	[22,23]
13	$\left[0, \frac{3}{4}, z\right]$	[25,28]
14	$\left[0, \frac{3}{4}, \frac{1}{2} - z\right]$	[26,27]
15	$\left[\frac{1}{2}, \frac{3}{4}, -z\right]$	[29,32]
16	$\left[\frac{1}{2}, \frac{3}{4}, z + \frac{1}{2}\right]$	[30,31]

Table 15: Wyckoff site: 16o, site symmetry: ..2'

No.	position	mapping
1	$\left[\frac{3}{4}, \frac{1}{4}, z\right]$	[1,20]
2	$\left[\frac{3}{4}, \frac{1}{4}, \frac{1}{2} - z\right]$	[2,19]
3	$\left[\frac{1}{4}, \frac{1}{4}, \frac{1}{2} - z\right]$	[3,18]
4	$\left[\frac{1}{4}, \frac{1}{4}, z\right]$	[4,17]
5	$\left[\frac{3}{4}, \frac{1}{4}, -z\right]$	[5,24]
6	$\left[\frac{3}{4}, \frac{1}{4}, z + \frac{1}{2}\right]$	[6,23]
7	$\left[\frac{1}{4}, \frac{1}{4}, z + \frac{1}{2}\right]$	[7,22]
8	$\left[\frac{1}{4}, \frac{1}{4}, -z\right]$	[8,21]
9	$\left[\frac{1}{4}, \frac{3}{4}, z\right]$	[9,28]
10	$\left[\frac{1}{4}, \frac{3}{4}, \frac{1}{2} - z\right]$	[10,27]
11	$\left[\frac{3}{4}, \frac{3}{4}, \frac{1}{2} - z\right]$	[11,26]
12	$\left[\frac{3}{4}, \frac{3}{4}, z\right]$	[12,25]
13	$\left[\frac{1}{4}, \frac{3}{4}, -z\right]$	[13,32]
14	$\left[\frac{1}{4}, \frac{3}{4}, z + \frac{1}{2}\right]$	[14,31]
15	$\left[\frac{3}{4}, \frac{3}{4}, z + \frac{1}{2}\right]$	[15,30]
16	$\left[\frac{3}{4}, \frac{3}{4}, -z\right]$	[16,29]

Table 16: Wyckoff site: 16p, site symmetry: ..2'

No.	position	mapping
1	$[0, 0, z]$	[1,28]
2	$\left[0, \frac{1}{2}, \frac{1}{2} - z\right]$	[2,27]
3	$\left[0, 0, \frac{1}{2} - z\right]$	[3,26]
4	$\left[0, \frac{1}{2}, z\right]$	[4,25]
5	$\left[\frac{1}{2}, \frac{1}{2}, -z\right]$	[5,32]

continued ...

Table 16

No.	position	mapping
6	$\left[\frac{1}{2}, 0, z + \frac{1}{2}\right]$	[6,31]
7	$\left[\frac{1}{2}, \frac{1}{2}, z + \frac{1}{2}\right]$	[7,30]
8	$\left[\frac{1}{2}, 0, -z\right]$	[8,29]
9	$\left[\frac{1}{2}, \frac{1}{2}, z\right]$	[9,20]
10	$\left[\frac{1}{2}, 0, \frac{1}{2} - z\right]$	[10,19]
11	$\left[\frac{1}{2}, \frac{1}{2}, \frac{1}{2} - z\right]$	[11,18]
12	$\left[\frac{1}{2}, 0, z\right]$	[12,17]
13	$[0, 0, -z]$	[13,24]
14	$\left[0, \frac{1}{2}, z + \frac{1}{2}\right]$	[14,23]
15	$\left[0, 0, z + \frac{1}{2}\right]$	[15,22]
16	$\left[0, \frac{1}{2}, -z\right]$	[16,21]

Table 17: Wyckoff site: 16q, site symmetry: ..m'

No.	position	mapping
1	$[x, y, 0]$	[1,24]
2	$\left[x, \frac{1}{2} - y, \frac{1}{2}\right]$	[2,23]
3	$\left[-x, y, \frac{1}{2}\right]$	[3,22]
4	$\left[-x, \frac{1}{2} - y, 0\right]$	[4,21]
5	$\left[\frac{1}{2} - x, \frac{1}{2} - y, 0\right]$	[5,20]
6	$\left[\frac{1}{2} - x, y, \frac{1}{2}\right]$	[6,19]
7	$\left[x + \frac{1}{2}, \frac{1}{2} - y, \frac{1}{2}\right]$	[7,18]
8	$\left[x + \frac{1}{2}, y, 0\right]$	[8,17]
9	$\left[x + \frac{1}{2}, y + \frac{1}{2}, 0\right]$	[9,32]
10	$\left[x + \frac{1}{2}, -y, \frac{1}{2}\right]$	[10,31]
11	$\left[\frac{1}{2} - x, y + \frac{1}{2}, \frac{1}{2}\right]$	[11,30]
12	$\left[\frac{1}{2} - x, -y, 0\right]$	[12,29]
13	$[-x, -y, 0]$	[13,28]
14	$\left[-x, y + \frac{1}{2}, \frac{1}{2}\right]$	[14,27]
15	$\left[x, -y, \frac{1}{2}\right]$	[15,26]
16	$\left[x, y + \frac{1}{2}, 0\right]$	[16,25]

Table 18: Wyckoff site: 32r, site symmetry: 1

No.	position	mapping
1	$[x, y, z]$	[1]
2	$\left[x, \frac{1}{2} - y, \frac{1}{2} - z\right]$	[2]
3	$\left[-x, y, \frac{1}{2} - z\right]$	[3]
4	$\left[-x, \frac{1}{2} - y, z\right]$	[4]
5	$\left[\frac{1}{2} - x, \frac{1}{2} - y, -z\right]$	[5]
6	$\left[\frac{1}{2} - x, y, z + \frac{1}{2}\right]$	[6]
7	$\left[x + \frac{1}{2}, \frac{1}{2} - y, z + \frac{1}{2}\right]$	[7]

continued ...

Table 18

No.	position	mapping
8	$\left[x + \frac{1}{2},\, y,\, -z\right]$	[8]
9	$\left[x + \frac{1}{2},\, y + \frac{1}{2},\, z\right]$	[9]
10	$\left[x + \frac{1}{2},\, -y,\, \frac{1}{2} - z\right]$	[10]
11	$\left[\frac{1}{2} - x,\, y + \frac{1}{2},\, \frac{1}{2} - z\right]$	[11]
12	$\left[\frac{1}{2} - x,\, -y,\, z\right]$	[12]
13	$\left[-x,\, -y,\, -z\right]$	[13]
14	$\left[-x,\, y + \frac{1}{2},\, z + \frac{1}{2}\right]$	[14]
15	$\left[x,\, -y,\, z + \frac{1}{2}\right]$	[15]
16	$\left[x,\, y + \frac{1}{2},\, -z\right]$	[16]
17	$\left[x + \frac{1}{2},\, y,\, z\right]$	[17]
18	$\left[x + \frac{1}{2},\, \frac{1}{2} - y,\, \frac{1}{2} - z\right]$	[18]
19	$\left[\frac{1}{2} - x,\, y,\, \frac{1}{2} - z\right]$	[19]
20	$\left[\frac{1}{2} - x,\, \frac{1}{2} - y,\, z\right]$	[20]
21	$\left[-x,\, \frac{1}{2} - y,\, -z\right]$	[21]
22	$\left[-x,\, y,\, z + \frac{1}{2}\right]$	[22]
23	$\left[x,\, \frac{1}{2} - y,\, z + \frac{1}{2}\right]$	[23]
24	$\left[x,\, y,\, -z\right]$	[24]
25	$\left[x,\, y + \frac{1}{2},\, z\right]$	[25]
26	$\left[x,\, -y,\, \frac{1}{2} - z\right]$	[26]
27	$\left[-x,\, y + \frac{1}{2},\, \frac{1}{2} - z\right]$	[27]
28	$\left[-x,\, -y,\, z\right]$	[28]
29	$\left[\frac{1}{2} - x,\, -y,\, -z\right]$	[29]
30	$\left[\frac{1}{2} - x,\, y + \frac{1}{2},\, z + \frac{1}{2}\right]$	[30]
31	$\left[x + \frac{1}{2},\, -y,\, z + \frac{1}{2}\right]$	[31]
32	$\left[x + \frac{1}{2},\, y + \frac{1}{2},\, -z\right]$	[32]