MSG No. 37.185 C_acc2 [Type IV, orthorhombic]

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

No.	position	mapping
1	$[0,\ 0,\ z]$	`[1,2]`
2	$\left[0,\ 0,\ z+\frac{1}{2}\right]$	`[3,4]`
3	$\left[\frac{1}{2},\ \frac{1}{2},\ z\right]$	`[5,6]`
4	$\left[\frac{1}{2},\ \frac{1}{2},\ z+\frac{1}{2}\right]$	`[7,8]`
5	$\left[\frac{1}{2},\ 0,\ z\right]$	`[9,10]`
6	$\left[\frac{1}{2},\ 0,\ z+\frac{1}{2}\right]$	`[11,12]`
7	$\left[0,\ \frac{1}{2},\ z\right]$	`[13,14]`
8	$\left[0,\ \frac{1}{2},\ z+\frac{1}{2}\right]$	`[15,16]`

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

No.	position	mapping
1	$\left[0,\ \frac{1}{4},\ z\right]$	`[1,14]`
2	$\left[0,\ \frac{3}{4},\ z\right]$	`[2,13]`
3	$\left[0,\ \frac{1}{4},\ z+\frac{1}{2}\right]$	`[3,16]`
4	$\left[0,\ \frac{3}{4},\ z+\frac{1}{2}\right]$	`[4,15]`
5	$\left[\frac{1}{2},\ \frac{3}{4},\ z\right]$	`[5,10]`
6	$\left[\frac{1}{2},\ \frac{1}{4},\ z\right]$	`[6,9]`
7	$\left[\frac{1}{2},\ \frac{3}{4},\ z+\frac{1}{2}\right]$	`[7,12]`
8	$\left[\frac{1}{2},\ \frac{1}{4},\ z+\frac{1}{2}\right]$	`[8,11]`

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

No.	position	mapping
1	$\left[\frac{1}{4},\ 0,\ z\right]$	`[1,10]`
2	$\left[\frac{3}{4},\ 0,\ z\right]$	`[2,9]`
3	$\left[\frac{3}{4},\ 0,\ z+\frac{1}{2}\right]$	`[3,12]`
4	$\left[\frac{1}{4},\ 0,\ z+\frac{1}{2}\right]$	`[4,11]`
5	$\left[\frac{3}{4},\ \frac{1}{2},\ z\right]$	`[5,14]`
6	$\left[\frac{1}{4},\ \frac{1}{2},\ z\right]$	`[6,13]`
7	$\left[\frac{1}{4},\ \frac{1}{2},\ z+\frac{1}{2}\right]$	`[7,16]`
8	$\left[\frac{3}{4},\ \frac{1}{2},\ z+\frac{1}{2}\right]$	`[8,15]`

Table 4: Wyckoff site: `8d`, site symmetry: `..2`

No.	position	mapping
1	$\left[\frac{1}{4}, \frac{1}{4}, z\right]$	`[1,6]`
2	$\left[\frac{3}{4}, \frac{3}{4}, z\right]$	`[2,5]`
3	$\left[\frac{3}{4}, \frac{1}{4}, z+\frac{1}{2}\right]$	`[3,8]`
4	$\left[\frac{1}{4}, \frac{3}{4}, z+\frac{1}{2}\right]$	`[4,7]`
5	$\left[\frac{3}{4}, \frac{1}{4}, z\right]$	`[9,14]`
6	$\left[\frac{1}{4}, \frac{3}{4}, z\right]$	`[10,13]`
7	$\left[\frac{1}{4}, \frac{1}{4}, z+\frac{1}{2}\right]$	`[11,16]`
8	$\left[\frac{3}{4}, \frac{3}{4}, z+\frac{1}{2}\right]$	`[12,15]`

Table 5: Wyckoff site: `16e`, site symmetry: `1`

No.	position	mapping
1	$[x, y, z]$	`[1]`
2	$[-x, -y, z]$	`[2]`
3	$\left[-x, y, z+\frac{1}{2}\right]$	`[3]`
4	$\left[x, -y, z+\frac{1}{2}\right]$	`[4]`
5	$\left[x+\frac{1}{2}, y+\frac{1}{2}, z\right]$	`[5]`
6	$\left[\frac{1}{2}-x, \frac{1}{2}-y, z\right]$	`[6]`
7	$\left[\frac{1}{2}-x, y+\frac{1}{2}, z+\frac{1}{2}\right]$	`[7]`
8	$\left[x+\frac{1}{2}, \frac{1}{2}-y, z+\frac{1}{2}\right]$	`[8]`
9	$\left[x+\frac{1}{2}, y, z\right]$	`[9]`
10	$\left[\frac{1}{2}-x, -y, z\right]$	`[10]`
11	$\left[\frac{1}{2}-x, y, z+\frac{1}{2}\right]$	`[11]`
12	$\left[x+\frac{1}{2}, -y, z+\frac{1}{2}\right]$	`[12]`
13	$\left[x, y+\frac{1}{2}, z\right]$	`[13]`
14	$\left[-x, \frac{1}{2}-y, z\right]$	`[14]`
15	$\left[-x, y+\frac{1}{2}, z+\frac{1}{2}\right]$	`[15]`
16	$\left[x, \frac{1}{2}-y, z+\frac{1}{2}\right]$	`[16]`