

Table 1: Wyckoff site: 2a, site symmetry: $4mm$

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

Table 2: Wyckoff site: 2b, site symmetry: $4mm$

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

Table 3: Wyckoff site: 4c, site symmetry: $2mm$.

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

Table 4: Wyckoff site: 8d, site symmetry: $. . m$

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

Table 5: Wyckoff site: 8e, site symmetry: $. m .$

No.	position	mapping
1	$[x, 0, z]$	$[1, 6]$
2	$[0, x, z]$	$[2, 8]$

continued ...

Table 5

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

Table 6: Wyckoff site: **8f**, site symmetry: $\bar{4}2m$.

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

Table 7: Wyckoff site: **16g**, site symmetry: $\bar{4}2m$.

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