

Table 1: Wyckoff site: 2a, site symmetry: $4'm'm$

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

Table 2: Wyckoff site: 2b, site symmetry: $4m'm'$

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

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

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

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

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

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

No.	position	mapping
1	$[x, x + \frac{1}{2}, z]$	$[1, 8]$
2	$[\frac{1}{2} - x, x, z]$	$[2, 5]$

continued ...

Table 5

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

Table 6: Wyckoff site: **8f**, site symmetry: $\bar{3}m'$

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

Table 7: Wyckoff site: **16g**, site symmetry: $\bar{1}$

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