

Table 1: Wyckoff site: 4a, site symmetry:  $4'..$ 

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

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

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

Table 3: Wyckoff site: 8c, site symmetry:  $..m$ 

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

Table 4: Wyckoff site: 16d, site symmetry:  $1$ 

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

*continued ...*

Table 4

No.	position	mapping
10	$[\frac{1}{2} - x, \frac{1}{2} - y, z + \frac{1}{2}]$	[10]
11	$[\frac{1}{2} - y, \frac{1}{2} - x, z]$	[11]
12	$[y + \frac{1}{2}, x + \frac{1}{2}, z]$	[12]
13	$[\frac{1}{2} - y, x + \frac{1}{2}, z + \frac{1}{2}]$	[13]
14	$[y + \frac{1}{2}, \frac{1}{2} - x, z + \frac{1}{2}]$	[14]
15	$[\frac{1}{2} - x, y + \frac{1}{2}, z]$	[15]
16	$[x + \frac{1}{2}, \frac{1}{2} - y, z]$	[16]