

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

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

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

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

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

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

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

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

*continued ...*

Table 4

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