

Table 1: Wyckoff site: 6a, site symmetry: $2..$

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

Table 2: Wyckoff site: 6b, site symmetry: $2..$

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

Table 3: Wyckoff site: 12c, site symmetry: 1

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