

Table 1: Wyckoff site: 6a, site symmetry: $.2.1'$

No.	position	mapping
1	$[x, 0, 0]$	$[1, 7, 13, 19]$
2	$[x, x, \frac{5}{6}]$	$[2, 10, 14, 22]$
3	$[0, x, \frac{2}{3}]$	$[3, 8, 15, 20]$
4	$[-x, 0, \frac{1}{2}]$	$[4, 11, 16, 23]$
5	$[-x, -x, \frac{1}{3}]$	$[5, 9, 17, 21]$
6	$[0, -x, \frac{1}{6}]$	$[6, 12, 18, 24]$

Table 2: Wyckoff site: 6b, site symmetry: $.2.1'$

No.	position	mapping
1	$[x, 2x, \frac{3}{4}]$	$[1, 11, 13, 23]$
2	$[-x, x, \frac{7}{12}]$	$[2, 9, 14, 21]$
3	$[-2x, -x, \frac{5}{12}]$	$[3, 12, 15, 24]$
4	$[-x, -2x, \frac{1}{4}]$	$[4, 7, 16, 19]$
5	$[x, -x, \frac{1}{12}]$	$[5, 10, 17, 22]$
6	$[2x, x, \frac{11}{12}]$	$[6, 8, 18, 20]$

Table 3: Wyckoff site: 12c, site symmetry: $11'$

No.	position	mapping
1	$[x, y, z]$	$[1, 13]$
2	$[x - y, x, z + \frac{5}{6}]$	$[2, 14]$
3	$[-y, x - y, z + \frac{2}{3}]$	$[3, 15]$
4	$[-x, -y, z + \frac{1}{2}]$	$[4, 16]$
5	$[-x + y, -x, z + \frac{1}{3}]$	$[5, 17]$
6	$[y, -x + y, z + \frac{1}{6}]$	$[6, 18]$
7	$[x - y, -y, -z]$	$[7, 19]$
8	$[y, x, \frac{2}{3} - z]$	$[8, 20]$
9	$[-x, -x + y, \frac{1}{3} - z]$	$[9, 21]$
10	$[x, x - y, \frac{5}{6} - z]$	$[10, 22]$
11	$[-x + y, y, \frac{1}{2} - z]$	$[11, 23]$
12	$[-y, -x, \frac{1}{6} - z]$	$[12, 24]$