

MPG No. 26.2.96  $\bar{6}m21'$  (-6m21' setting) [ Type II, hexagonal ]

Table 1: Wyckoff site: 1o, site symmetry: -6m21'

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

Table 2: Wyckoff site: 2a, site symmetry: 3m.

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

Table 3: Wyckoff site: 3b, site symmetry: mm2

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

Table 4: Wyckoff site: 6c, site symmetry: .m.

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

Table 5: Wyckoff site: 6d, site symmetry: m..

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

Table 6: Wyckoff site: **12e**, site symmetry: **1**

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