

MPG No. 11.2.36 $4/m1'$ [Type II, tetragonal]

Table 1: Wyckoff site: $1o$, site symmetry: $4/m1'$

No.	position	mapping
1	[0, 0, 0]	[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16]

Table 2: Wyckoff site: $2a$, site symmetry: $4..$

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

Table 3: Wyckoff site: $4b$, site symmetry: $m..$

No.	position	mapping
1	[x , y , 0]	[1, 6, 9, 14]
2	[$-x$, $-y$, 0]	[2, 5, 10, 13]
3	[$-y$, x , 0]	[3, 8, 11, 16]
4	[y , $-x$, 0]	[4, 7, 12, 15]

Table 4: Wyckoff site: $8c$, site symmetry: 1

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