

MPG No. 11.4.38 $4/m'$ [Type III, tetragonal]

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

No.	position	mapping
1	[0, 0, 0]	[1,2,3,4,5,6,7,8]

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

No.	position	mapping
1	[0, 0, z]	[1,2,3,4]
2	[0, 0, -z]	[5,6,7,8]

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

No.	position	mapping
1	[x, y, 0]	[1,6]
2	[-x, -y, 0]	[2,5]
3	[-y, x, 0]	[3,8]
4	[y, -x, 0]	[4,7]

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

No.	position	mapping
1	[x, y, z]	[1]
2	[-x, -y, z]	[2]
3	[-y, x, z]	[3]
4	[y, -x, z]	[4]
5	[-x, -y, -z]	[5]
6	[x, y, -z]	[6]
7	[y, -x, -z]	[7]
8	[-y, x, -z]	[8]