MPG No. 14.2.49 $\bar{4}2m1'$ (-42m1' setting) [Type II, tetragonal]

Table 1: Wyckoff site: `1o`, site symmetry: `-42m1'`

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: `2.mm`

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

Table 3: Wyckoff site: `4b`, site symmetry: `.2.`

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

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

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

Table 5: Wyckoff site: `8d`, site symmetry: `1`

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

continued ...

Table 5

No.	position	mapping
8	$[y, x, z]$	`[5,13]`