MPG No. 11.5.39 $4'/m'$ [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	$[0, 0, z]$	`[1,2,5,6]`
2	$[0, 0, -z]$	`[3,4,7,8]`

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

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

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

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