MSG No. 44.230 $Imm21'$ [Type II, orthorhombic]

Table 1: Wyckoff site: `2a`, site symmetry: `mm21'`

No.	position	mapping
1	$[0,\, 0,\, z]$	`[1,2,3,4,9,10,11,12]`
2	$\left[\frac{1}{2},\, \frac{1}{2},\, z+\frac{1}{2}\right]$	`[5,6,7,8,13,14,15,16]`

Table 2: Wyckoff site: `2b`, site symmetry: `mm21'`

No.	position	mapping
1	$\left[0,\, \frac{1}{2},\, z\right]$	`[1,2,3,4,9,10,11,12]`
2	$\left[\frac{1}{2},\, 0,\, z+\frac{1}{2}\right]$	`[5,6,7,8,13,14,15,16]`

Table 3: Wyckoff site: `4c`, site symmetry: `.m.1'`

No.	position	mapping
1	$[x,\, 0,\, z]$	`[1,4,9,12]`
2	$[-x,\, 0,\, z]$	`[2,3,10,11]`
3	$\left[x+\frac{1}{2},\, \frac{1}{2},\, z+\frac{1}{2}\right]$	`[5,8,13,16]`
4	$\left[\frac{1}{2}-x,\, \frac{1}{2},\, z+\frac{1}{2}\right]$	`[6,7,14,15]`

Table 4: Wyckoff site: `4d`, site symmetry: `m..1'`

No.	position	mapping
1	$[0,\, y,\, z]$	`[1,3,9,11]`
2	$[0,\, -y,\, z]$	`[2,4,10,12]`
3	$\left[\frac{1}{2},\, y+\frac{1}{2},\, z+\frac{1}{2}\right]$	`[5,7,13,15]`
4	$\left[\frac{1}{2},\, \frac{1}{2}-y,\, z+\frac{1}{2}\right]$	`[6,8,14,16]`

Table 5: Wyckoff site: `8e`, site symmetry: `11'`

No.	position	mapping
1	$[x,\, y,\, z]$	`[1,9]`
2	$[-x,\, -y,\, z]$	`[2,10]`
3	$[-x,\, y,\, z]$	`[3,11]`
4	$[x,\, -y,\, z]$	`[4,12]`
5	$\left[x+\frac{1}{2},\, y+\frac{1}{2},\, z+\frac{1}{2}\right]$	`[5,13]`
6	$\left[\frac{1}{2}-x,\, \frac{1}{2}-y,\, z+\frac{1}{2}\right]$	`[6,14]`

continued ...

Table 5

No.	position	mapping
7	$\left[\frac{1}{2}-x,\, y+\frac{1}{2},\, z+\frac{1}{2}\right]$	`[7,15]`
8	$\left[x+\frac{1}{2},\, \frac{1}{2}-y,\, z+\frac{1}{2}\right]$	`[8,16]`