MSG No. 52.307 $Pn'na$ [Type III, orthorhombic]

Table 1: Wyckoff site: `4a`, site symmetry: `-1'`

No.	position	mapping
1	$[0,\ 0,\ 0]$	`[1,7]`
2	$\left[0,\ \frac{1}{2},\ \frac{1}{2}\right]$	`[2,8]`
3	$\left[\frac{1}{2},\ \frac{1}{2},\ \frac{1}{2}\right]$	`[3,5]`
4	$\left[\frac{1}{2},\ 0,\ 0\right]$	`[4,6]`

Table 2: Wyckoff site: `4b`, site symmetry: `-1'`

No.	position	mapping
1	$\left[0,\ 0,\ \frac{1}{2}\right]$	`[1,7]`
2	$\left[0,\ \frac{1}{2},\ 0\right]$	`[2,8]`
3	$\left[\frac{1}{2},\ \frac{1}{2},\ 0\right]$	`[3,5]`
4	$\left[\frac{1}{2},\ 0,\ \frac{1}{2}\right]$	`[4,6]`

Table 3: Wyckoff site: `4c`, site symmetry: `..2'`

No.	position	mapping
1	$\left[\frac{1}{4},\ 0,\ z\right]$	`[1,6]`
2	$\left[\frac{1}{4},\ \frac{1}{2},\ \frac{1}{2}-z\right]$	`[2,5]`
3	$\left[\frac{3}{4},\ \frac{1}{2},\ z+\frac{1}{2}\right]$	`[3,8]`
4	$\left[\frac{3}{4},\ 0,\ -z\right]$	`[4,7]`

Table 4: Wyckoff site: `4d`, site symmetry: `2..`

No.	position	mapping
1	$\left[x,\ \frac{1}{4},\ \frac{1}{4}\right]$	`[1,2]`
2	$\left[x+\frac{1}{2},\ \frac{1}{4},\ \frac{3}{4}\right]$	`[3,4]`
3	$\left[\frac{1}{2}-x,\ \frac{3}{4},\ \frac{1}{4}\right]$	`[5,6]`
4	$\left[-x,\ \frac{3}{4},\ \frac{3}{4}\right]$	`[7,8]`

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

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

continued ...

Table 5

No.	position	mapping
3	$\left[x+\frac{1}{2},\ \frac{1}{2}-y,\ z+\frac{1}{2}\right]$	[3]
4	$\left[x+\frac{1}{2},\ y,\ -z\right]$	[4]
5	$\left[\frac{1}{2}-x,\ y+\frac{1}{2},\ \frac{1}{2}-z\right]$	[5]
6	$\left[\frac{1}{2}-x,\ -y,\ z\right]$	[6]
7	$[-x,\ -y,\ -z]$	[7]
8	$\left[-x,\ y+\frac{1}{2},\ z+\frac{1}{2}\right]$	[8]