MSG No. 43.225 $Fdd21'$ [Type II, orthorhombic]

Table 1: Wyckoff site: `8a`, site symmetry: `..21'`

No.	position	mapping
1	$[0,\ 0,\ z]$	`[1,2,17,18]`
2	$\left[\frac{1}{4},\ \frac{1}{4},\ z+\frac{1}{4}\right]$	`[3,4,19,20]`
3	$\left[0,\ \frac{1}{2},\ z+\frac{1}{2}\right]$	`[5,6,21,22]`
4	$\left[\frac{1}{4},\ \frac{3}{4},\ z+\frac{3}{4}\right]$	`[7,8,23,24]`
5	$\left[\frac{1}{2},\ 0,\ z+\frac{1}{2}\right]$	`[9,10,25,26]`
6	$\left[\frac{3}{4},\ \frac{1}{4},\ z+\frac{3}{4}\right]$	`[11,12,27,28]`
7	$\left[\frac{1}{2},\ \frac{1}{2},\ z\right]$	`[13,14,29,30]`
8	$\left[\frac{3}{4},\ \frac{3}{4},\ z+\frac{1}{4}\right]$	`[15,16,31,32]`

Table 2: Wyckoff site: `16b`, site symmetry: `11'`

No.	position	mapping
1	$[x,\ y,\ z]$	`[1,17]`
2	$[-x,\ -y,\ z]$	`[2,18]`
3	$\left[\frac{1}{4}-x,\ y+\frac{1}{4},\ z+\frac{1}{4}\right]$	`[3,19]`
4	$\left[x+\frac{1}{4},\ \frac{1}{4}-y,\ z+\frac{1}{4}\right]$	`[4,20]`
5	$\left[x,\ y+\frac{1}{2},\ z+\frac{1}{2}\right]$	`[5,21]`
6	$\left[-x,\ \frac{1}{2}-y,\ z+\frac{1}{2}\right]$	`[6,22]`
7	$\left[\frac{1}{4}-x,\ y+\frac{3}{4},\ z+\frac{3}{4}\right]$	`[7,23]`
8	$\left[x+\frac{1}{4},\ \frac{3}{4}-y,\ z+\frac{3}{4}\right]$	`[8,24]`
9	$\left[x+\frac{1}{2},\ y,\ z+\frac{1}{2}\right]$	`[9,25]`
10	$\left[\frac{1}{2}-x,\ -y,\ z+\frac{1}{2}\right]$	`[10,26]`
11	$\left[\frac{3}{4}-x,\ y+\frac{1}{4},\ z+\frac{3}{4}\right]$	`[11,27]`
12	$\left[x+\frac{3}{4},\ \frac{1}{4}-y,\ z+\frac{3}{4}\right]$	`[12,28]`
13	$\left[x+\frac{1}{2},\ y+\frac{1}{2},\ z\right]$	`[13,29]`
14	$\left[\frac{1}{2}-x,\ \frac{1}{2}-y,\ z\right]$	`[14,30]`
15	$\left[\frac{3}{4}-x,\ y+\frac{3}{4},\ z+\frac{1}{4}\right]$	`[15,31]`
16	$\left[x+\frac{3}{4},\ \frac{3}{4}-y,\ z+\frac{1}{4}\right]$	`[16,32]`