MSG No. 43.226 $Fd'd2'$ [Type III, orthorhombic]

Table 1: Wyckoff site: `8a`, site symmetry: `..2'`

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

Table 2: Wyckoff site: `16b`, site symmetry: `1`

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