SG No. 199 T^5 $I2_13$ [cubic]

* plus set: $+[0,\ 0,\ 0]$, $+\left[\frac{1}{2},\ \frac{1}{2},\ \frac{1}{2}\right]$

Table 1: Wyckoff site: `8a`, site symmetry: `.3.`

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

Table 2: Wyckoff site: `12b`, site symmetry: `2..`

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

Table 3: Wyckoff site: `24c`, site symmetry: `1`

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