PG No. 28 T 23 [cubic]

Table 1: Wyckoff site: `1o`, site symmetry: `23.`

No.	position	mapping
1	[0, 0, 0]	`[1,2,3,4,5,6,7,8,9,10,11,12]`

Table 2: Wyckoff site: `4a`, site symmetry: `.3.`

No.	position	mapping
1	$[x, x, x]$	`[1,5,9]`
2	$[-x, -x, x]$	`[2,7,12]`
3	$[-x, x, -x]$	`[3,8,10]`
4	$[x, -x, -x]$	`[4,6,11]`

Table 3: Wyckoff site: `6b`, site symmetry: `2..`

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

Table 4: Wyckoff site: `12c`, site symmetry: `1`

No.	position	mapping
1	$[x, y, z]$	`[1]`
2	$[-x, -y, z]$	`[2]`
3	$[-x, y, -z]$	`[3]`
4	$[x, -y, -z]$	`[4]`
5	$[z, x, y]$	`[5]`
6	$[z, -x, -y]$	`[6]`
7	$[-z, -x, y]$	`[7]`
8	$[-z, x, -y]$	`[8]`
9	$[y, z, x]$	`[9]`
10	$[-y, z, -x]$	`[10]`
11	$[y, -z, -x]$	`[11]`
12	$[-y, -z, x]$	`[12]`