PG No. 26 D_{3h} $\bar{6}m2$ (-6m2 setting) [hexagonal]

Table 1: Wyckoff site: `1o`, site symmetry: `-6m2`

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

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

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

Table 3: Wyckoff site: `3b`, site symmetry: `mm2`

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

Table 4: Wyckoff site: `6c`, site symmetry: `.m.`

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

Table 5: Wyckoff site: `6d`, site symmetry: `m..`

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

Table 6: Wyckoff site: 12e, site symmetry: 1

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