SG No. 11 C_{2h}^2 $P2_1/m$ (b-axis setting) [monoclinic]

* plus set: $+[0, 0, 0]$
* Wyckoff site: `2a`, site symmetry: `-1`

Table 1: Wyckoff bond: `2a@2a`

No.	vector	center	mapping
1	$[X, Y, Z]$	$[0, 0, 0]$	`[1,-3]`
2	$[-X, Y, -Z]$	$\left[0, \frac{1}{2}, 0\right]$	`[2,-4]`

* Wyckoff site: `2b`, site symmetry: `-1`

Table 2: Wyckoff bond: `2a@2b`

No.	vector	center	mapping
1	$[X, Y, Z]$	$\left[\frac{1}{2}, 0, 0\right]$	`[1,-3]`
2	$[-X, Y, -Z]$	$\left[\frac{1}{2}, \frac{1}{2}, 0\right]$	`[2,-4]`

* Wyckoff site: `2c`, site symmetry: `-1`

Table 3: Wyckoff bond: `2a@2c`

No.	vector	center	mapping
1	$[X, Y, Z]$	$\left[0, 0, \frac{1}{2}\right]$	`[1,-3]`
2	$[-X, Y, -Z]$	$\left[0, \frac{1}{2}, \frac{1}{2}\right]$	`[2,-4]`

* Wyckoff site: `2d`, site symmetry: `-1`

Table 4: Wyckoff bond: `2a@2d`

No.	vector	center	mapping
1	$[X, Y, Z]$	$\left[\frac{1}{2}, 0, \frac{1}{2}\right]$	`[1,-3]`
2	$[-X, Y, -Z]$	$\left[\frac{1}{2}, \frac{1}{2}, \frac{1}{2}\right]$	`[2,-4]`

* Wyckoff site: `2e`, site symmetry: `m`

Table 5: Wyckoff bond: `2a@2e`

No.	vector	center	mapping
1	$[X, 0, Z]$	$\left[x, \frac{1}{4}, z\right]$	`[1,4]`
2	$[-X, 0, -Z]$	$\left[-x, \frac{3}{4}, -z\right]$	`[2,3]`

Table 6: Wyckoff bond: `2b@2e`

No.	vector	center	mapping
1	$[0, Y, 0]$	$\left[x, \frac{1}{4}, z\right]$	`[1,-4]`
2	$[0, Y, 0]$	$\left[-x, \frac{3}{4}, -z\right]$	`[2,-3]`

Table 7: Wyckoff bond: `4c@2e`

No.	vector	center	mapping
1	$[X, Y, Z]$	$\left[x, \frac{1}{4}, z\right]$	`[1]`
2	$[-X, Y, -Z]$	$\left[-x, \frac{3}{4}, -z\right]$	`[2]`
3	$[-X, -Y, -Z]$	$\left[-x, \frac{3}{4}, -z\right]$	`[3]`
4	$[X, -Y, Z]$	$\left[x, \frac{1}{4}, z\right]$	`[4]`

* Wyckoff site: `4f`, site symmetry: `1`

Table 8: Wyckoff bond: `4a@4f`

No.	vector	center	mapping
1	$[X, Y, Z]$	$[x, y, z]$	`[1]`
2	$[-X, Y, -Z]$	$\left[-x, y + \frac{1}{2}, -z\right]$	`[2]`
3	$[-X, -Y, -Z]$	$[-x, -y, -z]$	`[3]`
4	$[X, -Y, Z]$	$\left[x, \frac{1}{2} - y, z\right]$	`[4]`