MPG No. 24.2.88 6221′ [Type II, hexagonal]

Table 1: Wyckoff site: `1o`, site symmetry: `6221'`

No.	position	mapping
1	[0, 0, 0]	`[1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24]`

Table 2: Wyckoff site: `2a`, site symmetry: `6..`

No.	position	mapping
1	[0, 0, z]	`[1,2,3,4,5,6,13,14,15,16,17,18]`
2	[0, 0, $-z$]	`[7,8,9,10,11,12,19,20,21,22,23,24]`

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

No.	position	mapping
1	[x, 0, 0]	`[1,7,13,19]`
2	[0, x, 0]	`[3,9,15,21]`
3	[$-x$, $-x$, 0]	`[5,11,17,23]`
4	[$-x$, 0, 0]	`[4,10,16,22]`
5	[0, $-x$, 0]	`[6,12,18,24]`
6	[x, x, 0]	`[2,8,14,20]`

Table 4: Wyckoff site: `6c`, site symmetry: `..2`

No.	position	mapping
1	[x, $-x$, 0]	`[1,12,13,24]`
2	[x, $2x$, 0]	`[3,8,15,20]`
3	[$-2x$, $-x$, 0]	`[5,10,17,22]`
4	[$-x$, x, 0]	`[4,9,16,21]`
5	[$-x$, $-2x$, 0]	`[6,11,18,23]`
6	[$2x$, x, 0]	`[2,7,14,19]`

Table 5: Wyckoff site: `12d`, site symmetry: `1`

No.	position	mapping
1	[x, y, z]	`[1,13]`
2	[$-y$, $x-y$, z]	`[3,15]`
3	[$-x+y$, $-x$, z]	`[5,17]`

continued ...

Table 5

No.	position	mapping
4	$[-x, -y, z]$	`[4,16]`
5	$[y, -x+y, z]$	`[6,18]`
6	$[x-y, x, z]$	`[2,14]`
7	$[y, x, -z]$	`[9,21]`
8	$[x-y, -y, -z]$	`[7,19]`
9	$[-x, -x+y, -z]$	`[11,23]`
10	$[-y, -x, -z]$	`[12,24]`
11	$[-x+y, y, -z]$	`[10,22]`
12	$[x, x-y, -z]$	`[8,20]`