

Table 1: Wyckoff site: 2a, site symmetry: $-4..1'$

No.	position	mapping
1	$[0, 0, 0]$	$[1, 2, 5, 6, 9, 10, 13, 14]$
2	$[\frac{1}{2}, \frac{1}{2}, \frac{1}{2}]$	$[3, 4, 7, 8, 11, 12, 15, 16]$

Table 2: Wyckoff site: 2b, site symmetry: $-4..1'$

No.	position	mapping
1	$[0, 0, \frac{1}{2}]$	$[1, 2, 5, 6, 9, 10, 13, 14]$
2	$[\frac{1}{2}, \frac{1}{2}, 0]$	$[3, 4, 7, 8, 11, 12, 15, 16]$

Table 3: Wyckoff site: 2c, site symmetry: $2.221'$

No.	position	mapping
1	$[0, \frac{1}{2}, \frac{1}{4}]$	$[1, 2, 3, 4, 9, 10, 11, 12]$
2	$[\frac{1}{2}, 0, \frac{3}{4}]$	$[5, 6, 7, 8, 13, 14, 15, 16]$

Table 4: Wyckoff site: 2d, site symmetry: $2.221'$

No.	position	mapping
1	$[0, \frac{1}{2}, \frac{3}{4}]$	$[1, 2, 3, 4, 9, 10, 11, 12]$
2	$[\frac{1}{2}, 0, \frac{1}{4}]$	$[5, 6, 7, 8, 13, 14, 15, 16]$

Table 5: Wyckoff site: 4e, site symmetry: $2..1'$

No.	position	mapping
1	$[0, 0, z]$	$[1, 2, 9, 10]$
2	$[\frac{1}{2}, \frac{1}{2}, \frac{1}{2} - z]$	$[3, 4, 11, 12]$
3	$[0, 0, -z]$	$[5, 6, 13, 14]$
4	$[\frac{1}{2}, \frac{1}{2}, z + \frac{1}{2}]$	$[7, 8, 15, 16]$

Table 6: Wyckoff site: $4\mathbf{f}$, site symmetry: $..21'$

No.	position	mapping
1	$[x, \frac{1}{2} - x, \frac{1}{4}]$	[1, 4, 9, 12]
2	$[-x, x + \frac{1}{2}, \frac{1}{4}]$	[2, 3, 10, 11]
3	$[\frac{1}{2} - x, -x, \frac{3}{4}]$	[5, 7, 13, 15]
4	$[x + \frac{1}{2}, x, \frac{3}{4}]$	[6, 8, 14, 16]

Table 7: Wyckoff site: $4\mathbf{g}$, site symmetry: $..21'$

No.	position	mapping
1	$[x, x + \frac{1}{2}, \frac{1}{4}]$	[1, 3, 9, 11]
2	$[-x, \frac{1}{2} - x, \frac{1}{4}]$	[2, 4, 10, 12]
3	$[x + \frac{1}{2}, -x, \frac{3}{4}]$	[5, 8, 13, 16]
4	$[\frac{1}{2} - x, x, \frac{3}{4}]$	[6, 7, 14, 15]

Table 8: Wyckoff site: $4\mathbf{h}$, site symmetry: $2..1'$

No.	position	mapping
1	$[0, \frac{1}{2}, z]$	[1, 2, 9, 10]
2	$[0, \frac{1}{2}, \frac{1}{2} - z]$	[3, 4, 11, 12]
3	$[\frac{1}{2}, 0, -z]$	[5, 6, 13, 14]
4	$[\frac{1}{2}, 0, z + \frac{1}{2}]$	[7, 8, 15, 16]

Table 9: Wyckoff site: $8\mathbf{i}$, site symmetry: $11'$

No.	position	mapping
1	$[x, y, z]$	[1, 9]
2	$[-x, -y, z]$	[2, 10]
3	$[y + \frac{1}{2}, x + \frac{1}{2}, \frac{1}{2} - z]$	[3, 11]
4	$[\frac{1}{2} - y, \frac{1}{2} - x, \frac{1}{2} - z]$	[4, 12]
5	$[y, -x, -z]$	[5, 13]
6	$[-y, x, -z]$	[6, 14]
7	$[\frac{1}{2} - x, y + \frac{1}{2}, z + \frac{1}{2}]$	[7, 15]
8	$[x + \frac{1}{2}, \frac{1}{2} - y, z + \frac{1}{2}]$	[8, 16]