

MSG No. 96.144 $P4_32_121'$ [Type II, tetragonal]

Table 1: Wyckoff site: 4a, site symmetry: ..21'

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

Table 2: Wyckoff site: 8b, site symmetry: 11'

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