

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

Table 1: Wyckoff site: 4a, site symmetry: $\dots 21'$

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]