

SG No. 169 C_6^2 $P6_1$ [hexagonal]

* plus set: +[0, 0, 0]

* Wyckoff site: 6a, site symmetry: 1

Table 1: Wyckoff bond: 6a@6a

No.	vector	center	mapping
1	[X, Y, Z]	[x, y, z]	[1]
2	[$-Y, X - Y, Z$]	[$-y, x - y, z + \frac{1}{3}$]	[2]
3	[$-X + Y, -X, Z$]	[$-x + y, -x, z + \frac{2}{3}$]	[3]
4	[$-X, -Y, Z$]	[$-x, -y, z + \frac{1}{2}$]	[4]
5	[$Y, -X + Y, Z$]	[$y, -x + y, z + \frac{5}{6}$]	[5]
6	[$X - Y, X, Z$]	[$x - y, x, z + \frac{1}{6}$]	[6]