

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

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

Table 1: Wyckoff site: **6a**, site symmetry: **1**

| No. | position                        | mapping |
|-----|---------------------------------|---------|
| 1   | $[x, y, z]$                     | [1]     |
| 2   | $[-y, x - y, z + \frac{1}{3}]$  | [2]     |
| 3   | $[-x + y, -x, z + \frac{2}{3}]$ | [3]     |
| 4   | $[-x, -y, z + \frac{1}{2}]$     | [4]     |
| 5   | $[y, -x + y, z + \frac{5}{6}]$  | [5]     |
| 6   | $[x - y, x, z + \frac{1}{6}]$   | [6]     |