

PG No. 3 C_2 2 (b-axis setting) [monoclinic]

* character table

| C_2 | 1(1) | $2_{010}(1)$ |
|-------|------|--------------|
| A | 1 | 1 |
| B | 1 | -1 |

* polar \leftrightarrow axial conversion

A (A) B (B)

* symmetric product

| | A | B |
|-----|-----|-----|
| A | A | B |
| B | | A |

* anti-symmetric product

| A | B |
|-----|-----|
| - | - |