

Oblique

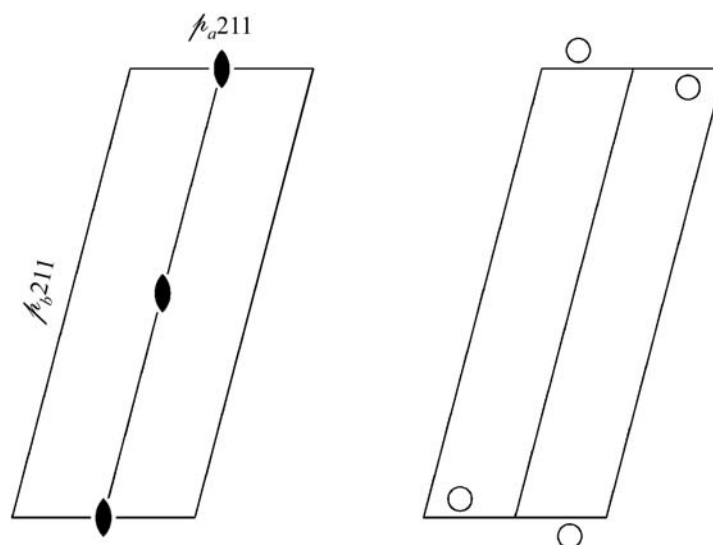
2

$\mu 211$

Patterson symmetry $\mu 211$

$\mu 211$

No. 2



Origin on 2

Asymmetric unit $0 \leq x \leq \frac{1}{2}$

Symmetry operations

- (1) 1 (2) 2 0,0
 (1|0,0) (2|0,0)

Generators selected (1); $t(1)$; (2)

Positions

Multiplicity,
Wyckoff letter,
Site symmetry

Coordinates

Reflection conditions

2 c 1 (1) x, y (2) \bar{x}, \bar{y}

General:

no conditions

Special: no extra conditions

1 b 2 $\frac{1}{2}, 0$

1 a 2 0,0

Symmetry of special projections

Along [10] m

Along [01] μm

Origin at $x, 0$

$\mathbf{a}' = \mathbf{a}_b$
Origin at $0, y$

Maximal non-isotypic subgroups

I $[2] \mu 1 (1) 1$

IIa none

IIb none

Maximal isotypic subgroups of lowest index

IIc $[2] \mu 211 (\mathbf{a}' = 2\mathbf{a}) (2)$

Minimal non-isotypic supergroups

I $[2] \mu 2mm (6)$; $[2] \mu 2mg (7)$

II none