

Rectangular

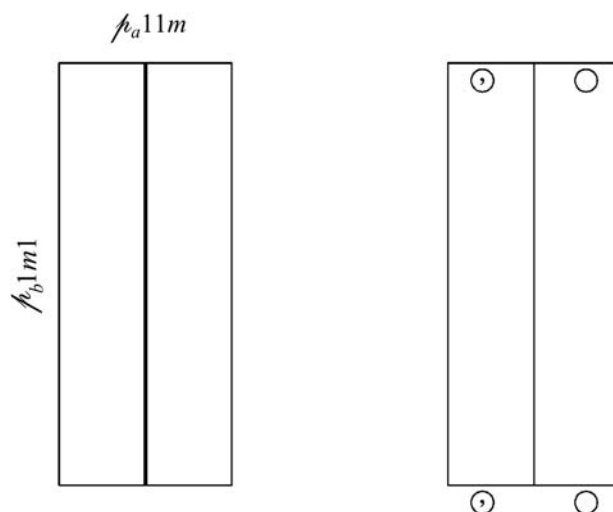
m

$\mu 1 1 m$

Patterson symmetry $\mu 2 m m$

$\mu 1 1 m$

No. 4



Origin on m

Asymmetric unit $0 \leq x \leq 1; 0 \leq y$

Symmetry operations

(1) 1 (2) $m \ x, 0$

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

Positions

Multiplicity,
Wyckoff letter,
Site symmetry

Coordinates

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

1 a $\dots m$ $x, 0$

Symmetry of special projections

Along $[10] m$

Origin at $x, 0$

Along $[01] \mu 1$

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

Maximal non-isotypic subgroups

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

IIa none

IIb $[2] \mu 1 1 g (\mathbf{a}' = 2\mathbf{a}) (5)$

Maximal isotypic subgroups of lowest index

IIc $[2] \mu 1 1 m (\mathbf{a}' = 2\mathbf{a}) (4)$

Minimal non-isotypic supergroups

I $[2] \mu 2 m m (6)$

II none

Reflection conditions

General:

no conditions

Special: no extra conditions