

Oblique

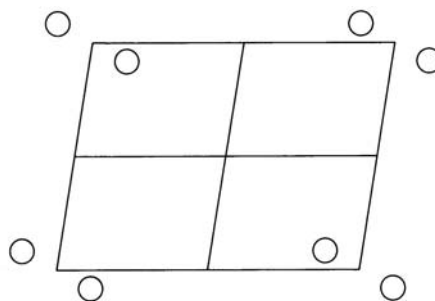
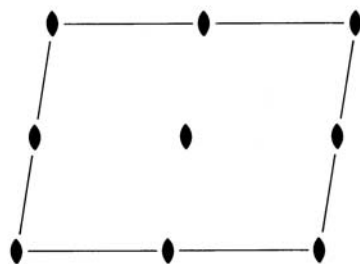
2

*p*2

Patterson symmetry *p*2

*p*2

No. 2



Origin at 2

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

Symmetry operations

(1) 1 (2) 2 0,0

Generators selected (1); $t(1,0)$; $t(0,1)$; (2)

Positions

Multiplicity, Wyckoff letter, Site symmetry		Coordinates
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2	<i>e</i>	1	(1) x,y	(2) \bar{x},\bar{y}
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1	<i>d</i>	2	$\frac{1}{2}, \frac{1}{2}$
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1	<i>c</i>	2	$\frac{1}{2}, 0$
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1	<i>b</i>	2	$0, \frac{1}{2}$
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1	<i>a</i>	2	$0, 0$
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Reflection conditions

General:

no conditions

Special: no extra conditions

Maximal non-isomorphic subgroups

I [2] *p*1 (1) 1

IIa none

IIb none

Maximal isomorphic subgroups of lowest index

IIc [2] *p*2 ($\mathbf{a}' = 2\mathbf{a}$ or $\mathbf{b}' = 2\mathbf{b}$ or $\mathbf{a}' = \mathbf{a} + \mathbf{b}, \mathbf{b}' = -\mathbf{a} + \mathbf{b}$) (2)

Minimal non-isomorphic supergroups

I [2] *p*2*mm* (6); [2] *p*2*mg* (7); [2] *p*2*gg* (8); [2] *c*2*mm* (9); [2] *p*4 (10); [3] *p*6 (16)

II none