

1.86: Primitive basis

A primitive basis is a crystallographic basis of the vector lattice \mathbf{L} such that every lattice vector \mathbf{t} of \mathbf{L} may be obtained as an integral linear combination of the basis vectors, \mathbf{a} , \mathbf{b} , \mathbf{c} .

In mathematics, a primitive basis is often called a *lattice basis*, whereas in crystallography the latter has a more general meaning and corresponds to a crystallographic basis.

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