

## 1.86: Primitive basis

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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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