

1.82: Point group

A **point group** is a group of symmetry operations all of which leave at least one point unmoved. A *crystallographic* point group is a point group that maps a point lattice onto itself: in three dimensions rotations and rotoinversions are restricted to 1, 2, 3, 4, 6 and $\bar{1}$, $\bar{2}$ ($= m$), $\bar{3}$, $\bar{4}$, $\bar{6}$ respectively.

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