

## 1.82: Point group

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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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