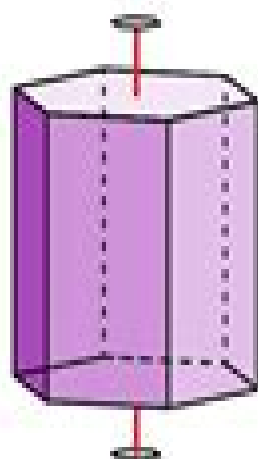


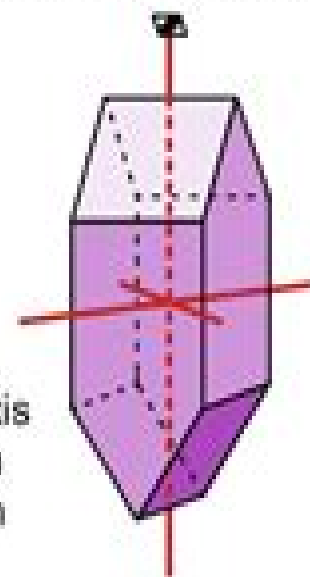
Translation-free symmetry elements as expressed by crystal morphology

sixfold axis of rotation



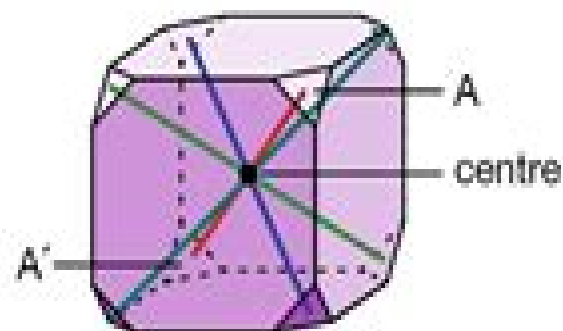
When rotated about its axis, the crystal repeats itself every 60° (six times in a 360° rotation).

fourfold axis of inversion



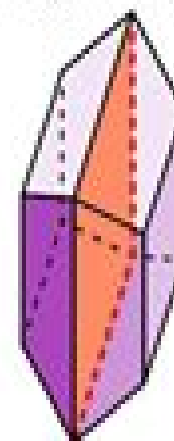
A rotoinversion axis combines rotation about an axis with inversion.

centre of symmetry



An imaginary line exists in the crystal if a line drawn through the centre links a point on one face to a similar point on an opposite face.

mirror plane/symmetry plane



An imaginary plane divides the crystal into mirrored halves.

Symmetry In Physics In Memory Of Robert T Sharp

Robert T. Sharp



Symmetry In Physics In Memory Of Robert T Sharp:

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