



Math for the people, by the people.

axial vector

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Related topic	vector
Related topic	tensor
Related topic	scalar
Related topic	Vector
Defines	pseudovector

Axial vector behaves like a vector (polar vector) except that it is invariant under the inversion of its coordinate axes. For example, the cross product of two vectors **A** and **B**,

$$\mathbf{A} \times \mathbf{B}$$

is an axial vector. The cross product of two axial vectors stays as an axial vector, whereas the cross product of an axial vector and a polar vector turns to be a polar vector.