

ORTHORHOMBIC

Meaning: Orthorhombic refers to a crystal system characterized by three mutually perpendicular axes of unequal lengths, commonly associated with specific structural properties of minerals and compounds.

1. The mineral crystallizes in an orthorhombic system, indicating its unique structural properties.
2. Researchers discovered that the orthorhombic phase of the compound exhibits superior conductivity.
3. In crystallography, orthorhombic structures are characterized by three mutually perpendicular axes of different lengths.
4. The orthorhombic symmetry of the crystal allowed scientists to predict its optical behavior accurately.
5. Understanding the orthorhombic arrangement of atoms can lead to advancements in materials science.

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