

CONICOID

Meaning: Conicoid: a type of surface in three-dimensional geometry defined as the locus of points that satisfy a quadratic equation, encompassing shapes such as ellipsoids, hyperboloids, and paraboloids.

1. The mathematician explained the properties of a conicoid during the lecture.
2. In three-dimensional geometry, a conicoid can be defined by a quadratic equation.
3. Artists often use the shape of a conicoid to create visually appealing structures.
4. The intersection of a cone and a plane can result in various types of conicoids.
5. Understanding conicoids is essential for advanced studies in both physics and engineering.

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