

TRILINEAR

Meaning: Trilinear refers to a mathematical concept or interpolation method involving three linear dimensions or variables, commonly applied in three-dimensional contexts such as graphics and geometry.

1. The concept of trilinear interpolation is often used in computer graphics to smoothly transition between three-dimensional points.
2. In mathematics, a trilinear function can be visualized as a plane that intersects a three-dimensional space.
3. The trilinear mapping technique simplifies the process of transforming coordinates in complex geometric shapes.
4. Engineers frequently employ trilinear approximations to enhance the accuracy of their simulations.
5. In the context of geometry, a trilinear coordinate system allows for a unique way to represent points in a triangle.

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