

INDICATRIX

Meaning: Indicatrix: A geometric representation used in mathematics and optics to describe the curvature of a surface or the directional properties of light in relation to materials.

1. The mathematician explained the concept of an indicatrix to illustrate the curvature of a surface.
2. In optics, the indicatrix is crucial for understanding how light behaves when passing through different materials.
3. The researcher studied the indicatrix of the crystal to determine its optical properties accurately.
4. An accurate representation of the indicatrix can significantly impact the design of optical devices.
5. Understanding the indicatrix is essential for advanced studies in differential geometry and material science.

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