

# ISOTROPY

*Meaning: Isotropy is the property of being identical in all directions, particularly in the context of physical materials or phenomena.*

1. Isotropy is a fundamental concept in physics that describes uniform properties in all directions.
2. The material's isotropy ensures that it behaves the same under stress, regardless of the orientation of the load.
3. In cosmology, the assumption of isotropy simplifies the study of the universe's large-scale structure.
4. Researchers are investigating the isotropy of the fabric of space-time to understand gravitational waves better.
5. The isotropy of the medium allows for consistent wave propagation in various applications, from optics to acoustics.

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*Source: [sentences.whatistheurl.com](https://sentences.whatistheurl.com)*

*<https://sentences.whatistheurl.com/sentence/isotropy>*