

CYCLOIDAL

Meaning: Cycloidal refers to the motion or shape related to the path traced by a point on the circumference of a circle as it rolls along a straight line, characterized by a series of arches or curves.

1. The cycloidal motion of the pendulum creates a unique waveform that can be observed in various mechanical systems.
2. In mathematics, a cycloidal curve can be generated by tracing a point on the circumference of a rolling circle.
3. The designer chose a cycloidal pattern for the new bridge, believing it would enhance both aesthetics and structural integrity.
4. Cycloidal gears are often used in precision instruments due to their smooth motion and efficiency.
5. During the experiment, the researchers noted that the cycloidal path of the rolling ball resulted in minimal energy loss compared to linear trajectories.

Source: sentences.whatistheurl.com

<https://sentences.whatistheurl.com/sentence/cycloidal>