MASTERY Series

leapfrog | GEO

Advanced control with structural trends

QUICK REFERENCE GUIDE

In this session of the Leapfrog Geo Mastery Series, we covered how to apply advanced structural trends to control shape, continuity, and ensure your models are more geologically accurate.

Below is our quick reference guide for the session, with links to further learning on each of the areas covered:

What is a structural trend?

When modelling and calculating interpolants, structural trends can be applied when there is a gradual shift in the direction of the continuity that precludes the use of a global trend. A structural trend localises trend modelling to indicate changes in direction of continuity. A variety of inputs can be used to inform a structural trend: structural data disks, a mesh surface, or triaxial trend ellipsoids imported from Driver. The resulting structural trend is a continuous function that can determine, for any given point of interest, the trend orientation and magnitude specific and appropriate to that location.

Quick link: Learn more about structural trends.

How to build a structural trend

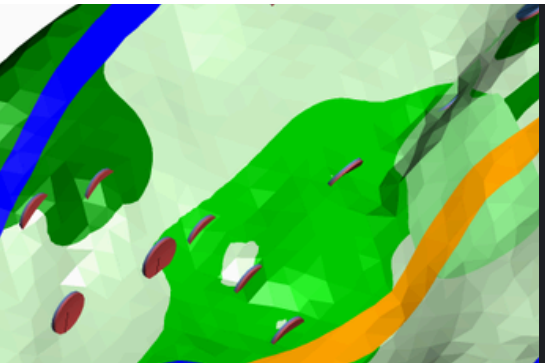
Quick link: Creating a structural trend

View examples of key structural trend types:

- Strongest along inputs
- Blending
- Non-decaying

How to define clustering settings

Quick link: Clustering settings and visualisation



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