Slope TOP

TouchDesigner
Documentation
The Slope TOP generates pixels that represent the difference between its value and its neighbouring pixels*

The Slope TOP generates pixels that represent the difference between its value and its neighbouring pixels' values.

THe Slope TOP shows where the luminance in an image rises or falls relative to its neighboring pixel(s) (immediately left-right and below-above pixels).

- Output value of [Zero Point] means the neighbor's values are the same as the pixel's value.
- as the pixel's value.

 Output value that are above [Zero Point] indicate that the values are increasing left-to-right or bottom-to-top (depending on Horizontal / Vertical)

Luminance of pixel = 0.299R+0.587G+0.114B















