

With Measure for Horizontal Lines, Find Line Direction

A second 3×3 filter detects horizontal lines.

By combining the two results,

- we **obtain line strength**
- **and line direction** at each pixel.

-1	-2	-1
0	0	0
1	2	1

horizontal edge
filter

-1	0	1
-2	0	2
-1	0	1

vertical edge
filter