Dynamic Hysteresis

Current
Starter

Previously unvisited? *and* walk = true

No!

Yes!

Mark as visited

Using the angle of the gradient, mark ‘previous’ and ‘next’

Gradient value of next > current? *and* is next unvisited?

No!

Yes!

Follow the gradient and set updated ‘current’

Plot the point!

Decrease the lower boundary (benefit of the doubt)

Set walk = false

Gradient value of above lower boundary?

No!

Yes!

Set current = next, and find new ‘next’ and ‘previous’

Mark current as visited

Set current = next, and find new ‘next’ and ‘previous’