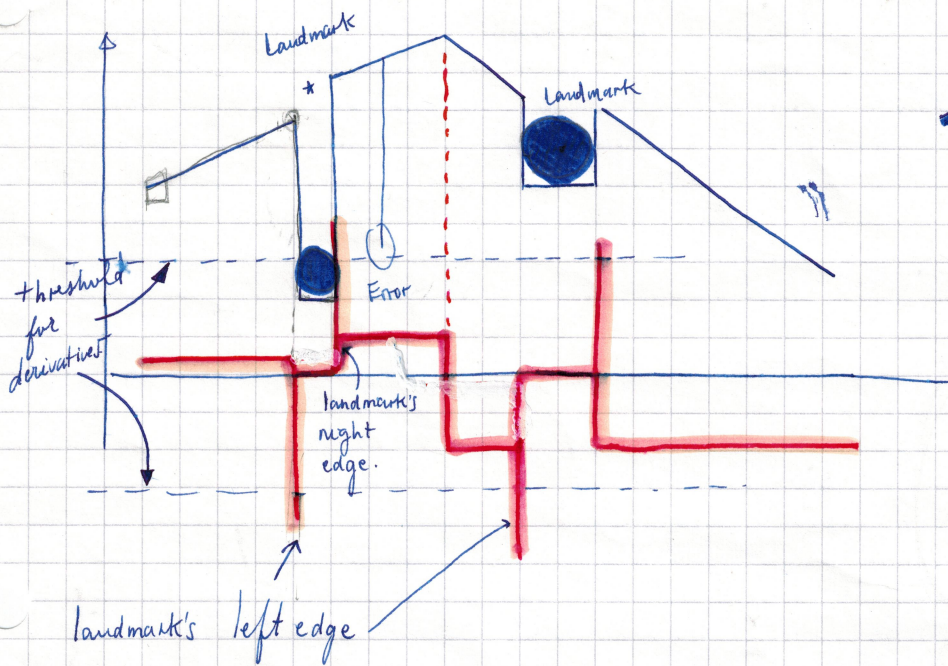
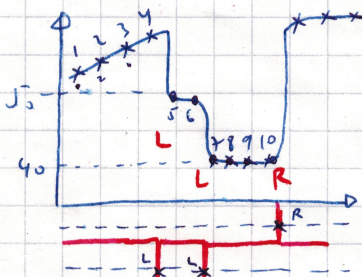


• Detect landmarks: Using derivatives.



$$f'(i) = \frac{f(i+1) - f(i)}{1} \quad \leftarrow \text{Introduce phase shift}$$

$$f'(i) = \frac{f(i+1) - f(i-1)}{2} \quad \leftarrow \text{Avoid spikes !!}$$

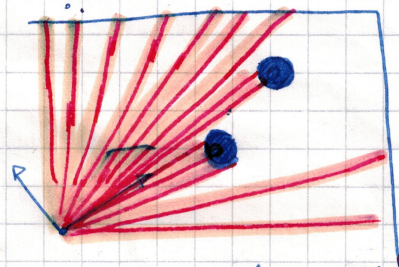
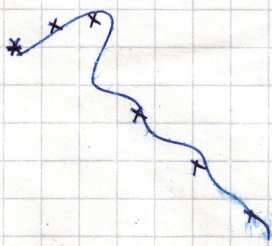


Cope with situations where

LR LR LR (normal)

ULR

ULL



Overlapped Landmarks

on_cylinder

T

rays

4

sum_rays_index

7+8+9+10

sum_depth

40+40+40+40