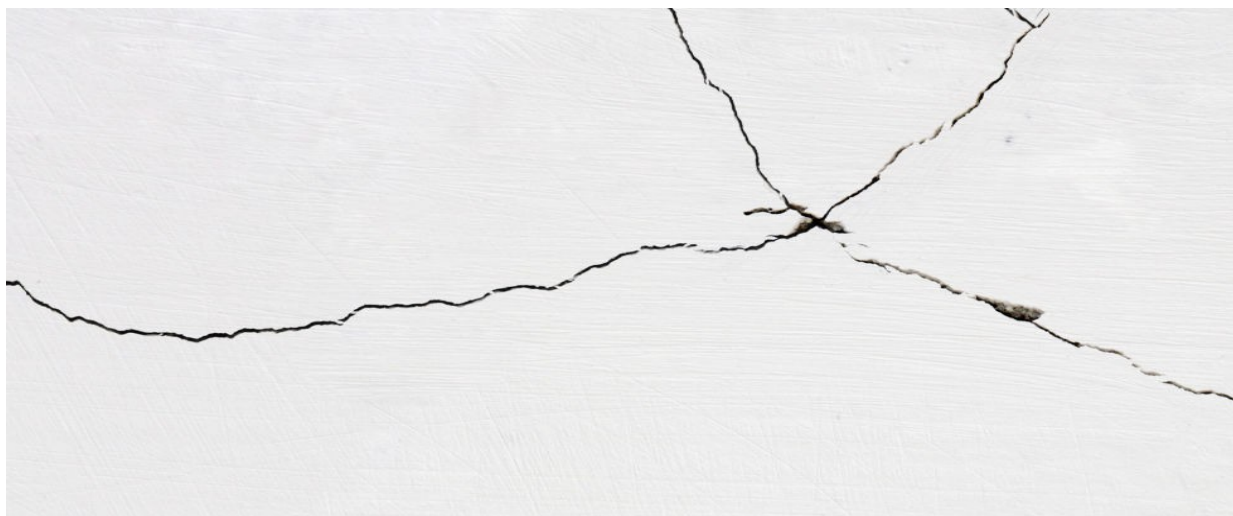Brief Output Review of Crack Detection
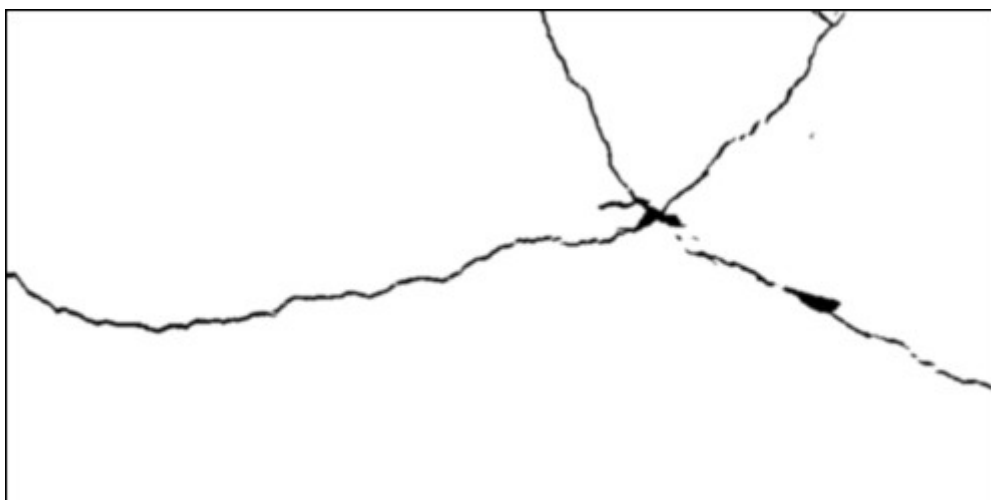
1) ORIGNAL IMAGE

2) THRESHOLDING

3)SMOOTHING
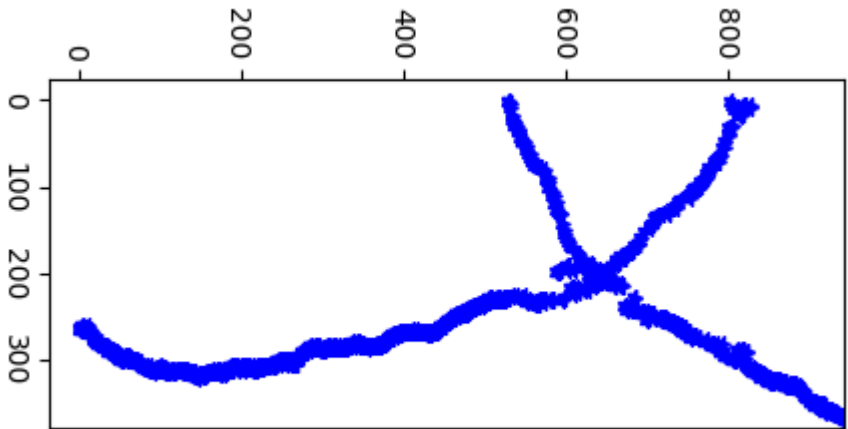
5)BLOB DETECTION

6)SKELETON

7)FINAL

_____ x
|
|
y

The blue line are bunch of points, which should be given to robot and traced by it. They are in a order such that consecutive points do not have same x component. Which makes sure that while following a trajectory robot moves in continues forward motion. That is, if we zoom the result graph no two points on x axis will have same value.

In the form :
.
.
.
[201 309]
[202 309]
[203 308]
[204 308]
[205 307]
[206 307]
[207 308]
[208 307]
[209 308]
[210 307]
[211 308]
[212 308]
[213 309]
[214 310]
[215 309]
[216 308]
[217 309]
[218 309]
[219 308]
[220 306]
[221 307]
[222 308]
[223 307]
[224 307]
[225 306] ......