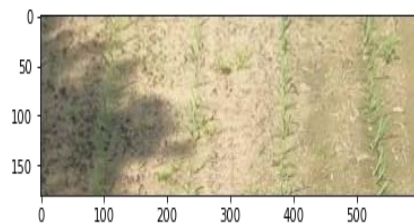
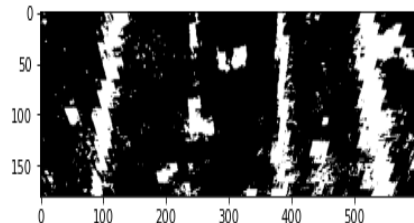


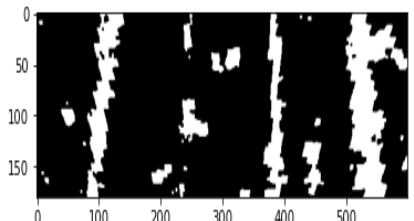
Input Image/Frame



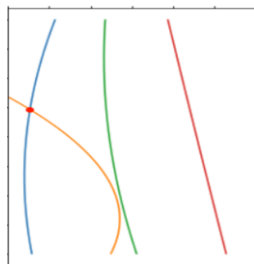
1.1 Select ROI & Projective transform



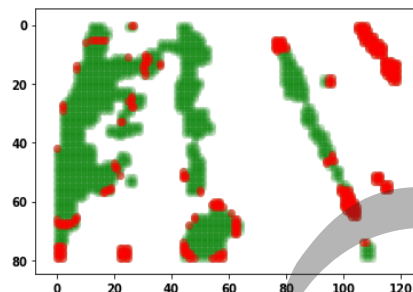
1.2 Segmentation



1.3 Morphological open & close



Discard frame if fitted lines intersect

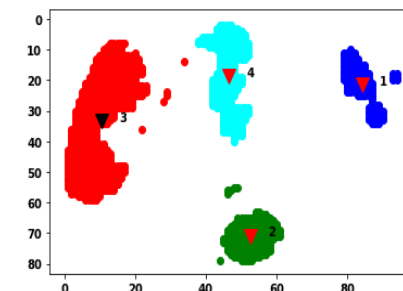


Delete outliers and cluster again

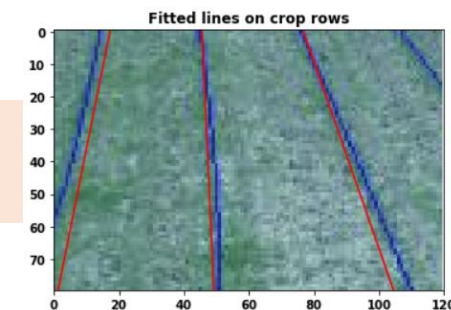
No

2.2 Do we have correct number of crop row clusters?

Yes



3.0 Fit line on crop row clusters



Yes

Remove incorrect cluster

No

2.3 Are cluster center distances correct?