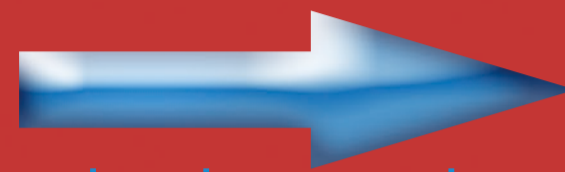
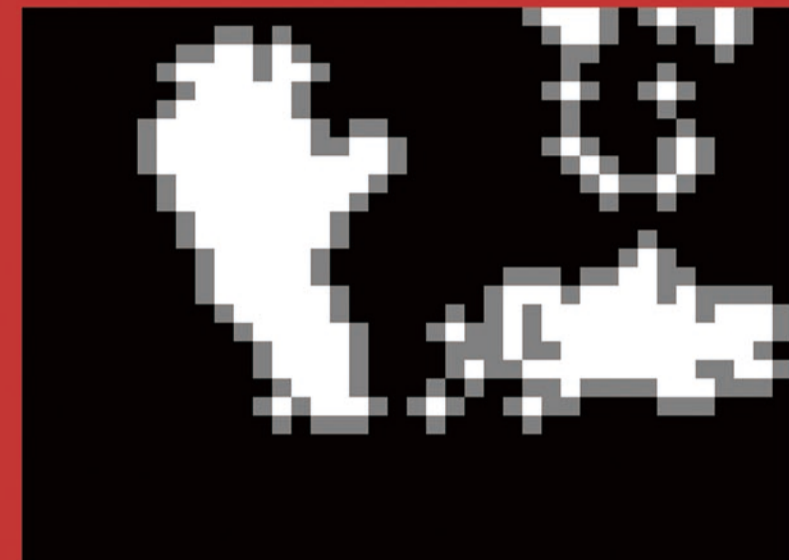


# Webcam Multi-touch Control

## color detection



background  
substruction

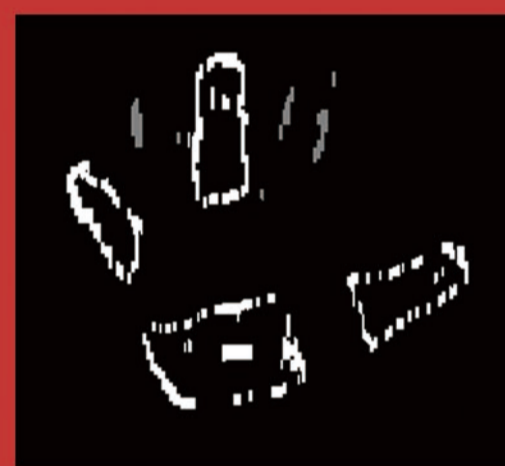


use two color to avoid interference



frame

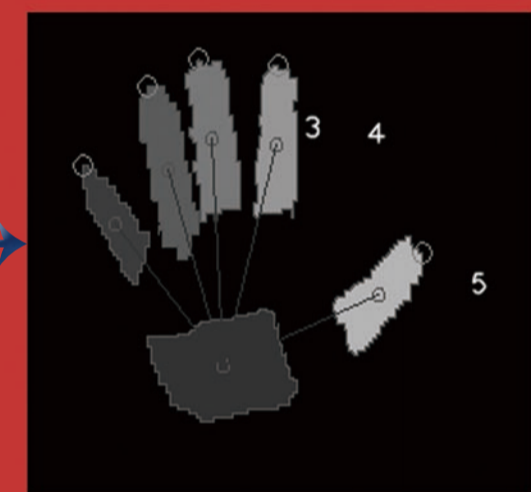
before  
calibration



after  
calibraion

connected component

segmentation



determine finger order by angle

## click detection



clicked finger's variance become smaller

detection!

