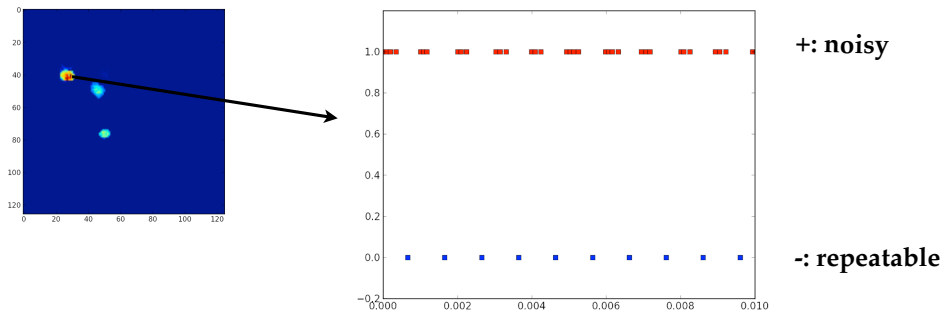


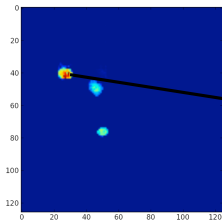
- This is how the events of a single pixel look like:



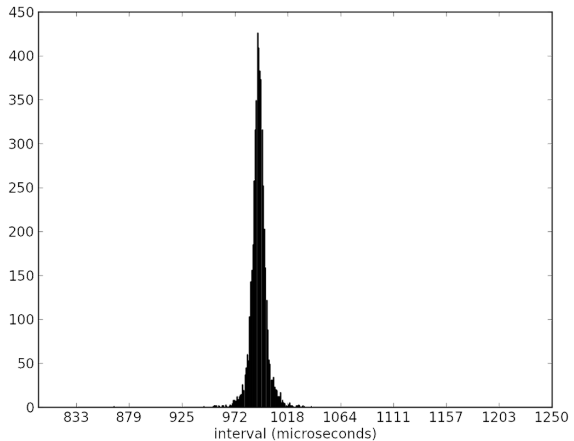
- Exercise: figure out the transfer function of led \* photoreceptors.

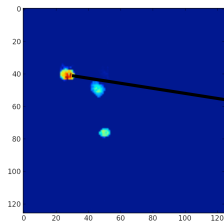
# Precision/repeatability

- Precision of LED \* photoreceptor \* buffers \* ...

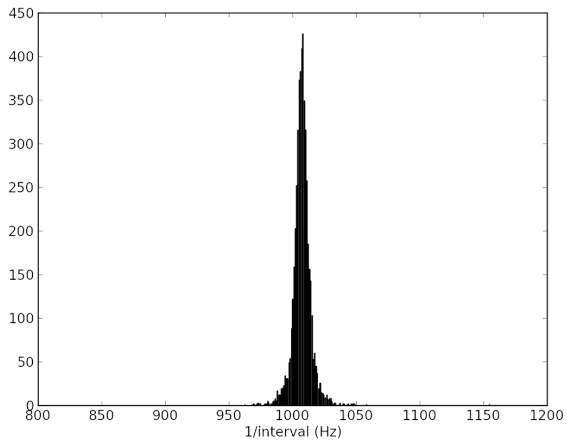


*interval between successive “-”  
(ignoring “+” completely)*



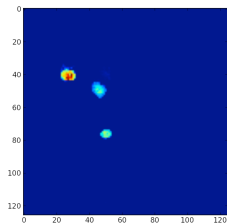


*interval between successive “-”  
(ignoring “+” completely)*

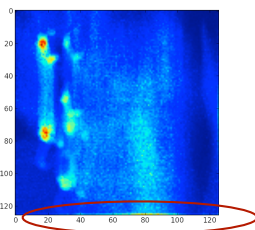


- Frequency between successive “-” signals, averaged over all pixels.

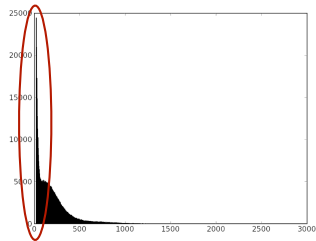
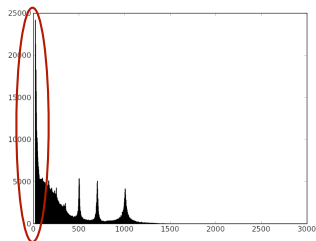
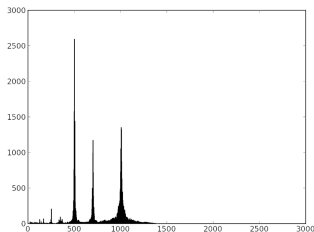
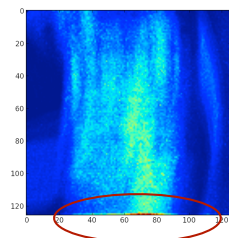
led, static



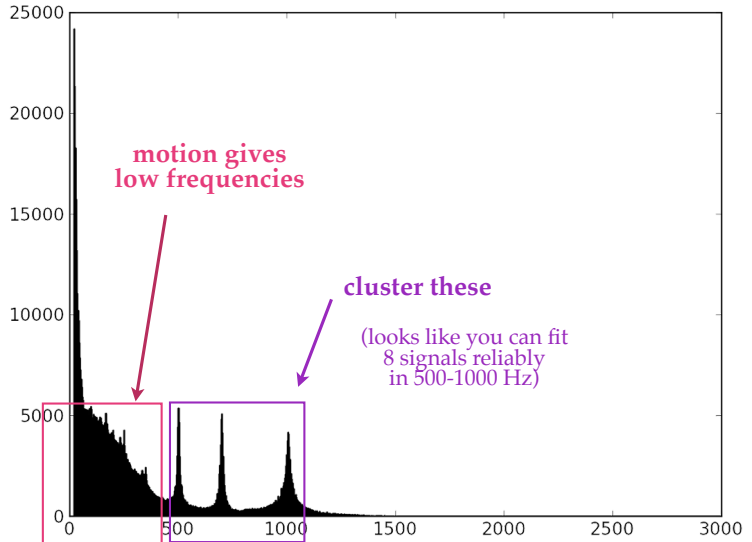
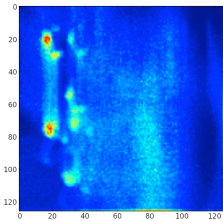
led, motion



no led, motion



- Looks like the frequencies can be recovered with very simple clustering.



- Do you want to fit more signals?  
Divide the image in big overlapping patches.

