

Group project

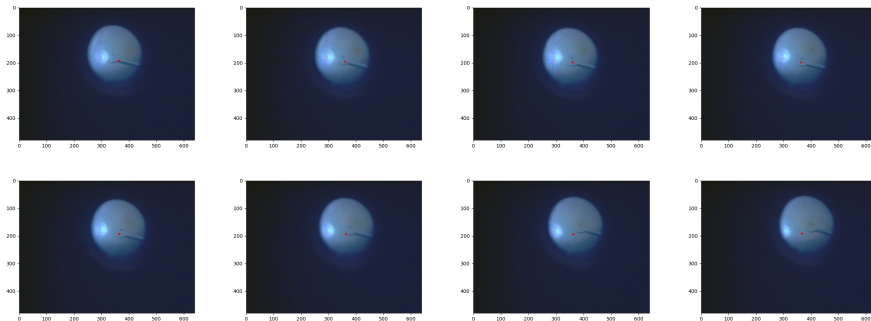
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simplest approach

Filter with template cut around previous location.

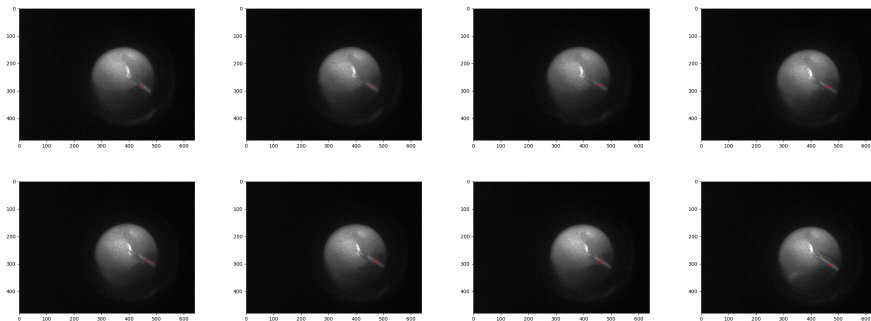
a: time : 3.5 min / 100 images. Problem around picture a267:



Only dominant color channel B

Filter with template cut around previous location, only dominant color channel.

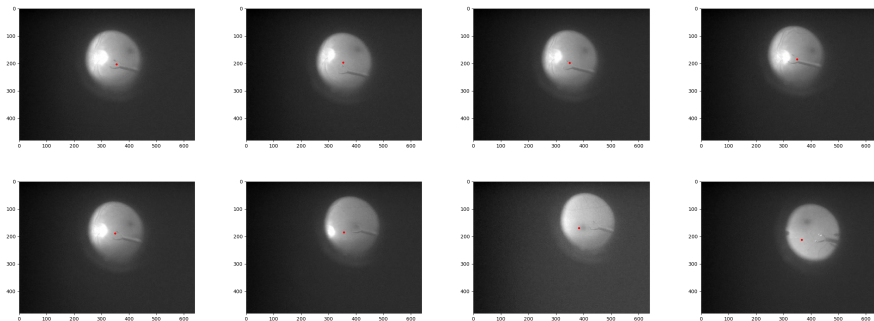
b: time : 23sec / 100 images. Problem around picture b1340:
point on tweezer, but not at branching point.



Only dominant color channel A

Filter with template cut around previous location, only dominant color channel.

a: time : 29sec / 100 images.
point lost tweezer, found point.



More ideas

- if correlation ≥ 0.8 :
- match with previous template (not working)
- match with any previous template (not working)
- use negative of template (not working)
- check with first template to find cases where match is not around the tweezer (accept cases where match is not on the right location on tweezer but correct cases where match is anywhere on the eye).