**More light (tube light) – towards tubelight**



**Same light – but a different orientation (opposite to tubelight)**



**Small light in room**



Not that the centre calculated by our algorithm is displaced… (**RED STAR**)

**Remedy**

We have to change the integration time dynamically so that it can get good result in different light conditions. I’m already working on it.

**Some BAD results**

This happens when angle of camera **subtended** to track is same as angle of a bright source of light. So light it receives is reflected from track and enters the camera. Normally the refracted (or emitted) light enters. Due to this large light these results come…





I have included environment variable files of each one of the results in the attachments and also the matlab code.