## Lab 05 - Measure the brightness of J1614-1906

### Due by email to Geoff ([mathewsg@hawaii.edu](mailto:mathewsg@hawaii.edu)) by Oct. 24, noon

**Paper**, answering the following questions:

Is J1614-1906 variable?

How bright is the star at 16 14 17.120 -19 06 50.97?

Paper should include the following:

* Introduction - see HW
* Observations - see HW
* Results - use observations of a nearby standard star to determine how bright J1614-1906 is in one image. Compare with the r-band magnitude you will find in the literature.
* Discussion - how could this work be improved?

### Draft to peer reviewer ( \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ) by Oct. 20, noon. cc Geoff at mathewsg@hawaii.edu

### Peer reviewer, return comments to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by Oct. 3, noon. cc Geoff at mathewsg@hawaii.edu

### Due by email to Geoff ([mathewsg@hawaii.edu](mailto:mathewsg@hawaii.edu)) by Oct. 10, noon

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