

# Seminar (ASTRO 589)

## Fall 2019

### Problem Set 5

Due on 2 December 2019

Homework is the central part of this course. You are encouraged to collaborate with fellow students and/or to consult senior students, local postdocs and me. But, **please write the cod/solution by yourself**. Homework is strictly due by the beginning of the class on 2 December, and **no late homework will be accepted**.

1. Let's try the LAE/OII separation project. First, visit

<https://portal.tacc.utexas.edu>

to create an account, then send an e-mail to me your username by Wednesday 11/20. I will then ask Karl to connect your account to the HETDEX group. Follow the instruction for setup in the course note. For your convenience, I copied over all notebooks (setup, separation) and the detectlist (hdr1\_bias\_14.dets) in

`/work/00436/djeong/stampede2/ASTRO589`

*Copy the files over to your work directory, and run the separation notebook. Save the result and send it to me via e-mail. At the end of the day, we shall calculate the statistical distribution of the LAEness parameter.*