

ASTR 522: Dark Current Lab

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Part 1:

Measuring the Read Noise Selected values for p_{lo}, p_{hi} : 0, 50000

Image min: 1861 Image max: 4766 Image mean: 1910.79 Image std. dev: 10.73

Selected values for p_{lo}, p_{hi} : 1861, 2000

Image min: 1861 Image max: 2000 Resulting statistics:

Image mean: 1910.78 Image std dev: 10.29

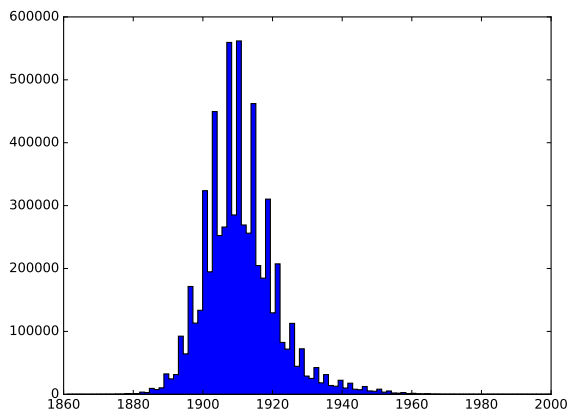


Figure 1: SED for the quasar 3C273.

Figure 2: SED for the quasar 3C273 with Composite QSO template applied and ARO=0.61

Examine the image in DS9. Is the std. deviation dominated by random fluctuations or groups (i.e. bad columns)?

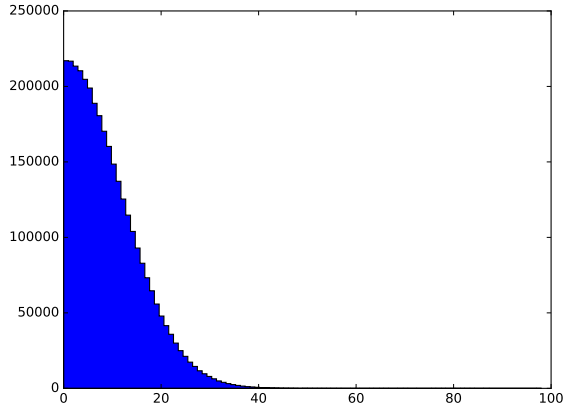


Figure 3: SED for the quasar 3C273.

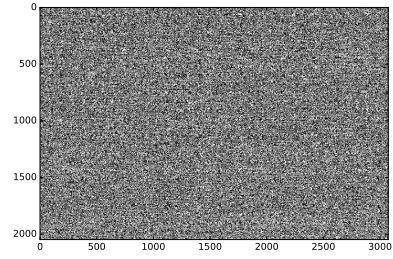


Figure 4: SED for the quasar 3C273 with Composite QSO template applied and ARO=0.61