



**UNSW**  
SYDNEY

# Spotted Python

## Week 8 Tutorial

- ★ Fitting a Gaussian
- ★ Spectroscopic redshift

# Spectroscopic Redshift

- ★ Recall that redshift can be determined using the following:

$$z = \frac{\lambda_{observed}}{\lambda_{rest}} - 1$$

- ★ List of emission lines are available here:

<http://astronomy.nmsu.edu/drewski/tableofemissionlines.html>  
#:~:text=The%20ultraviolet%20and%20optical%20spectra,nature%20of%20the%20ionizing%20source.

