

The learning goals for the electron diffraction part of the lab are:

- (1) To understand how to calculate d-spacings for fcc and hexagonal crystals.
- (2) To understand systematic absences aka allowed reflections

So, for your measured aluminum and graphite diffraction rings:

- (1) Show that your measured d-spacings agree with the known d-spacings
- (2) Show that your measured reflections agree with the known allowed reflections