

NANO 703/703L – Fall 2018  
Homework 4  
Due: W-11/7, 9:00 AM

Numerical answers should be stated with appropriate units and significant figures.

**11. Crystal Potential**

Problem 11.1

**12. Dynamical Diffraction**

Problem 12.1

**13. Diffraction from Crystals**

Problem 13.1

**14. Kinematical Diffraction**

Problem 14.1

**15. Indexing Diffraction Patterns**

Problem 15.1