# MATSCI 162/ 172 Clues for Weekly Quiz \#1 

There will be four questions in this Quiz.

Main Points:

- Characteristic Radiation
- Crystal directions; Indexing lattice planes - Miller Indices. Meaning of [ ], <>>, ( ), and \{ \} brackets.
- The Seven Crystal Systems and Fourteen Bravais Lattices.
- Meaning of P, I, F, C, R Symbols.

