

Projects: 211A –Fall 2007

1. Will Whartenby Rietveld Refinement
2. SURFACE ANALYSIS
 - a) Yaniv Rosen Surf. An. I (LEED, RHEED, AES, SIMS)
 - b) Chris Johnson Surf. An. II (XPS, UPS, ESCA, Inverse XPS)
3. Sam-Wen (Vince) Chen Scanning Probe
4. Michele Lu Chia-Hui Metallurgical Phase Diagrams
5. Jason Leonard Raman and Brillouin scattering
6. Brad Vestover Superconducting Tunneling and Phonon Spectra
7. Omar Khatib Optical Properties
8. Jeff Fitzgerald Magnetoresistance
9. Brian Chapler Ginzburg Landau Theory
10. Matt Krems Boltzmann Formalism
11. ELECTROMIGRATION
 - a) Jizco Alvarez Electromigration I : Metals
 - b) Kenneth Delatorre Electromigration II : Semiconductors
12. Yeling Dai Structure of Liquids
13. Alexei Vlasenko BCS Theory