

2.996 Fundamentals of Advanced Energy Conversion Lecture Memo

Lecture number: 9

Date: March 3rd, 2004

- **General equilibrium criteria**
- **Gibbs-Faraday equilibrium equation**
- **Derivation of the Nernst equation**
- **Fugacity and activity**
- **Fugacity of electrolyte solutions**
- **Molality, Ionic strength**