

Contents:

Introduction -- Symbols and glossary -- The first law of thermodynamics -- Enthalpy, H -  
- The second law of thermodynamics -- Entropy, S -- Equilibrium conditions -- Chemical  
potential and activity -- Partial molar quantities and excess quantities -- Gibbs energy  
change,  $\Delta G$ , and standard Gibbs energy change,  $\Delta G^\circ$  -- Introduction to computational  
thermodynamics -- Books, databases, and software -- Thermodynamic data.