Macroscopic quantities of matter can exist in only one of three states: Gas, Liquid or Solid. The following are not states of matter: electricity, gels, powders, plasmas, supercritical fluids or your mother's apple pie. Only two aspects determine the state of matter for a specific system/chemical: 1) The (intermolecular) forces within the sample and 2) the conditions outside the sample (e.g. temperature, pressure etc).

- III: Solids, Liquids, and Phase Transitions
- IV: Solutions