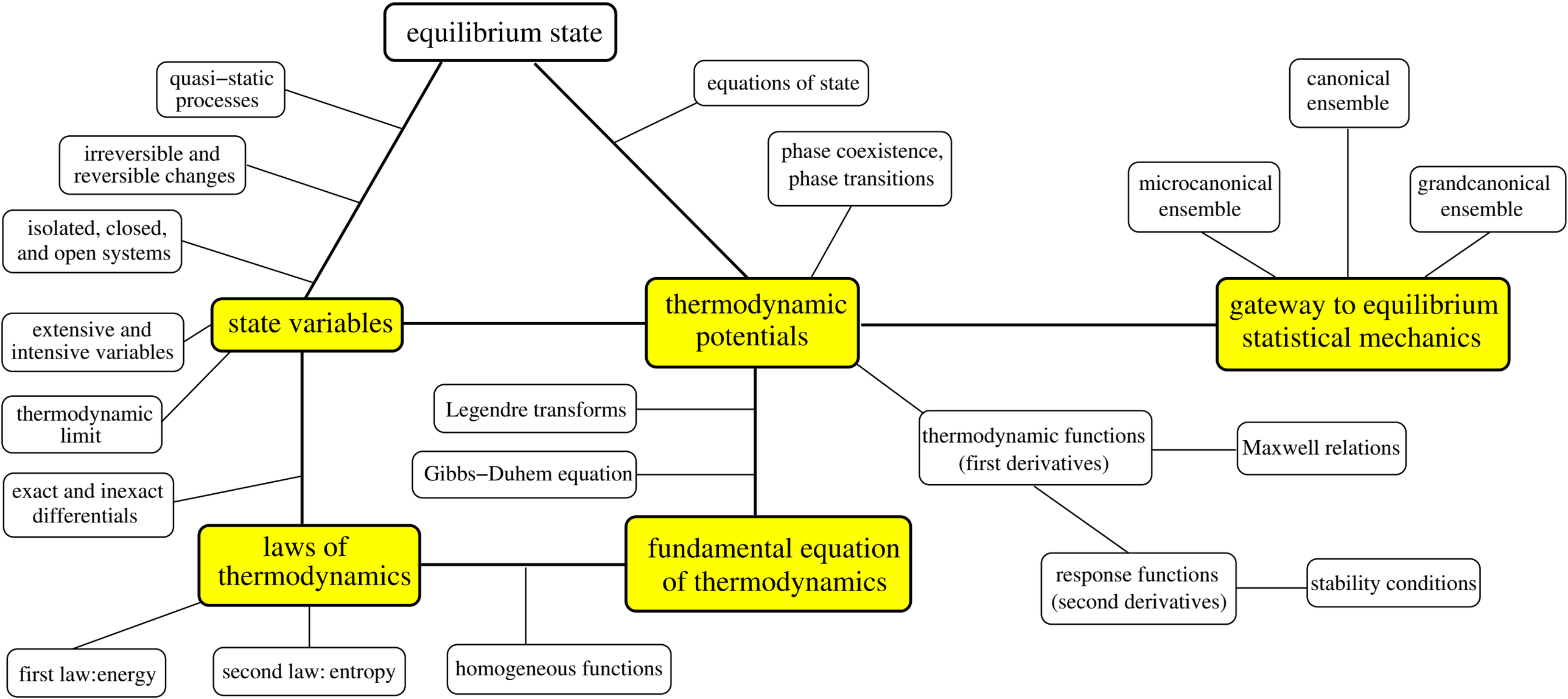Thermodynamics overview [tln2]