Linear response and equilibrium dynamics

- Dynamics experiments in condensed matter physics
  - Fluctuation–dissipation theorem
  - Causality, dispersion relations
- Linear response theory
- Dynamic correlation functions in thermal equilibrium
  - Special methods
  - General methods
    - Zwanzig–Mori formalism
    - Green’s function formalism
      - Generalized master equation
      - Generalized Langevin equation
      - Master equation
      - Fokker–Planck equation
      - Langevin equation