4: Irreversible Relaxation

5: The Density Matrix

6: Adiabatic Approximation

7: Interaction of Light and Matter
8: Mixed States and the Density Matrix

9: Irreversible and Random Processes

10: Time-Correlation Functions

11: Linear Response Theory
12: Time-domain Description of Spectroscopy

- 13: Coupling of Electronic and Nuclear Motion

- 14: Fluctuations in Spectroscopy

- 15: Energy and Charge Transfer
16: Quantum Relaxation Processes

- Back Matter