

A decorative graphic consisting of a thin gold circle on the left side, partially overlapping a horizontal bar. The bar has a gold-to-white gradient and is flanked by large black square brackets.

Nuclear Magnetic Resonance

[Indistinguishable protons]

- What are the allowed transitions in the case of indistinguishable protons?
- Energy level diagram

[Indistinguishable protons]

- Transition moment integral
- Operation of transition moment integral on ψ_3 as the initial state.

[Indistinguishable protons]

- Operation of transition moment integral on ψ_2 as the initial state.
- Energy difference

[N+1 Rule]

- Splitting of NMR signal described by N+1 rule.
- Examples