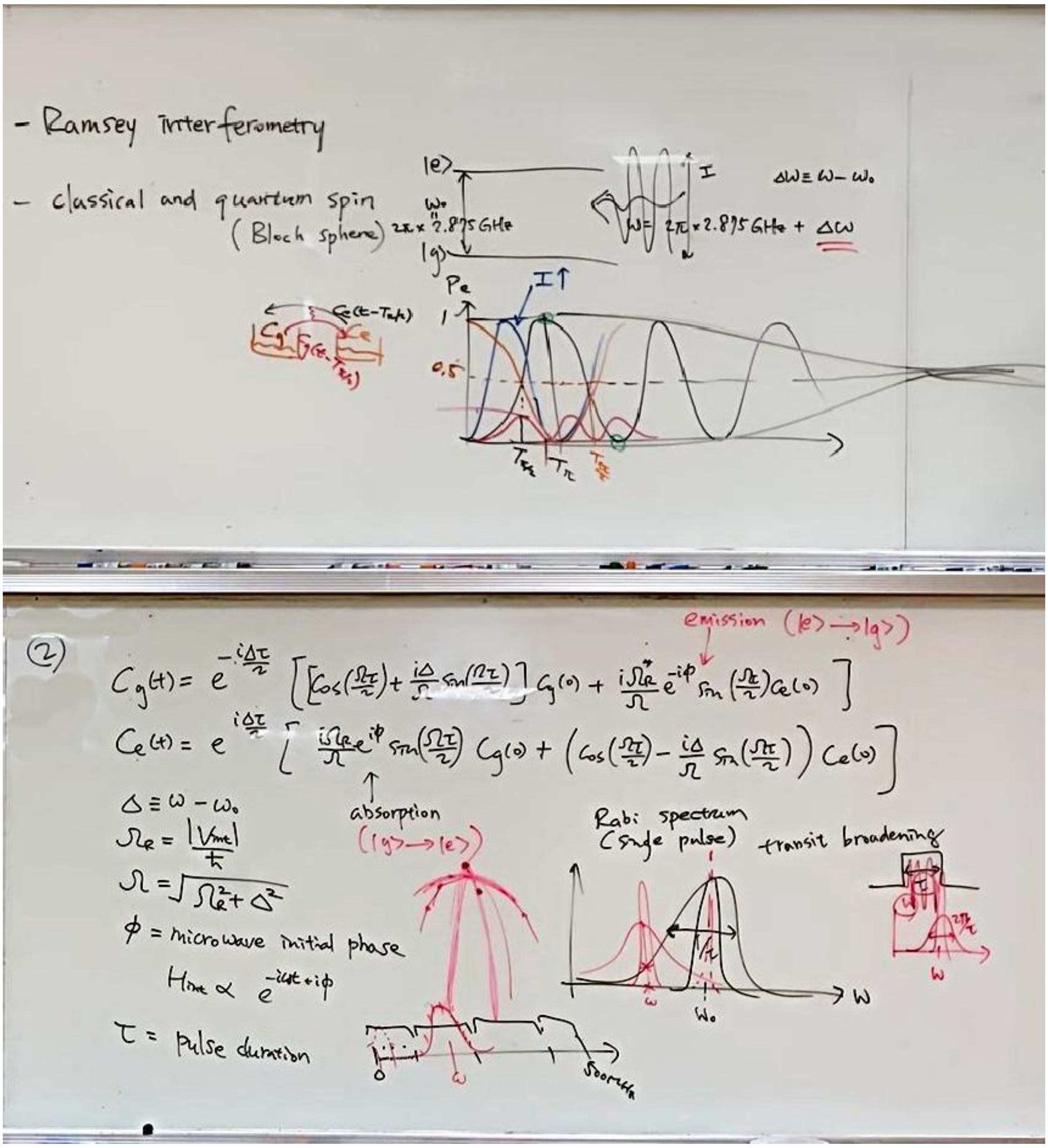
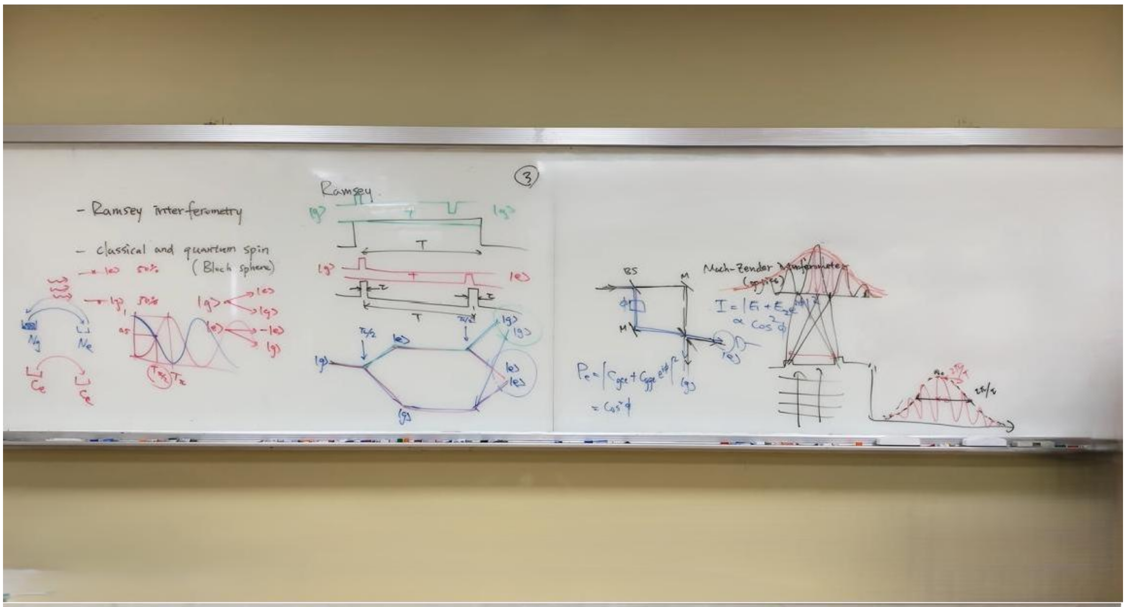
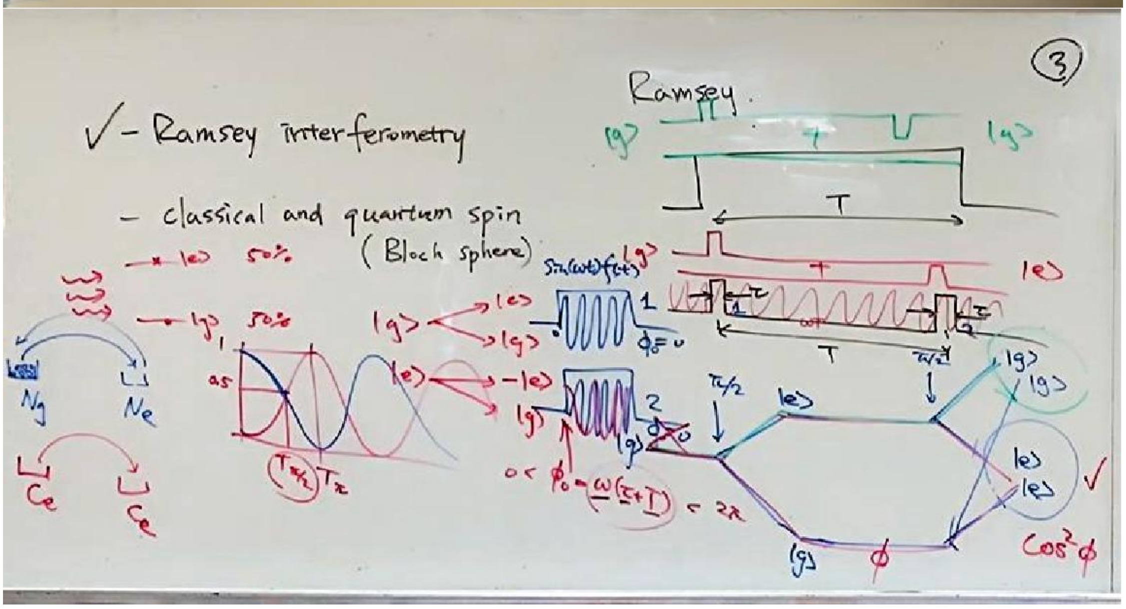
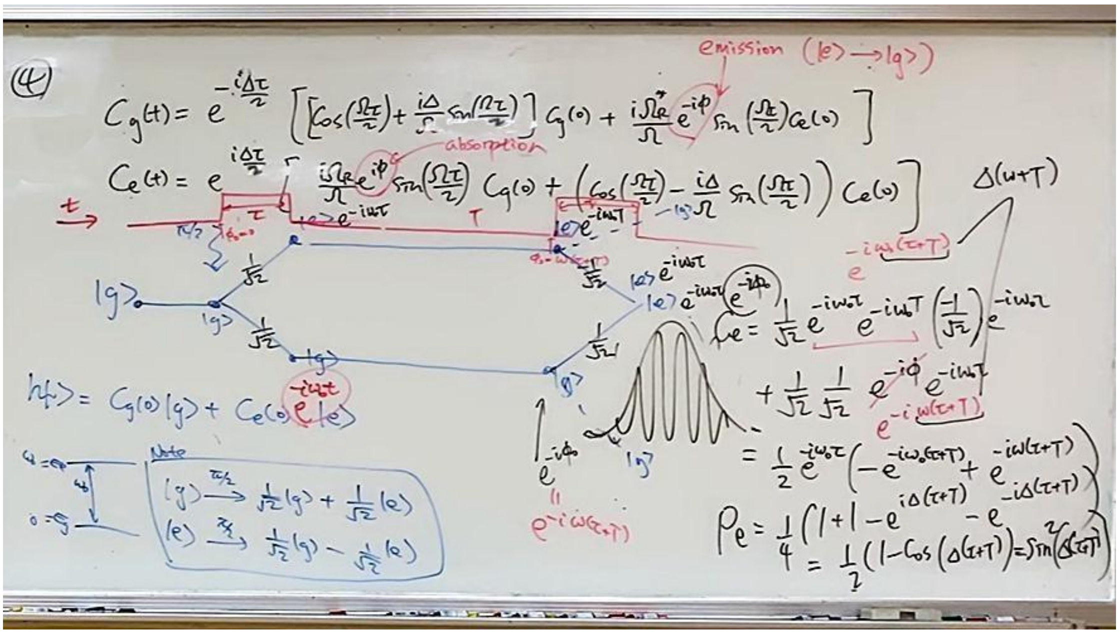
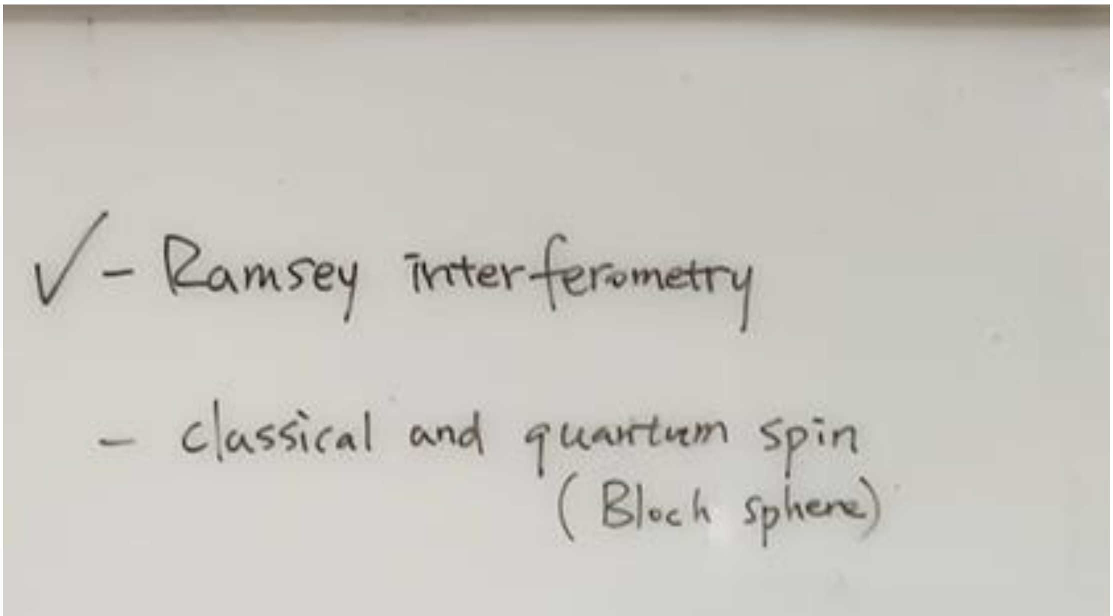
Lecture6 Ramsey interferometry




- Ramsey interferometry
- classical and quantum spin
(Bloch sphere)
Ramsey
Mach-Zender
BS
M


③
Ramsey.
✓- Ramsey interferometry
- classical and quantum spin
(Bloch sphere)
|e⟩ 50%
|g⟩ 50%
|g⟩
T
|e⟩
Ng
Ne
Ce
Tπ/2
Tπ
sin(ωt)f(t)
φ0 = 0
π/2
cos²φ


emission (|e> → |g>)
absorption
Note


✓ - Ramsey interferometry
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