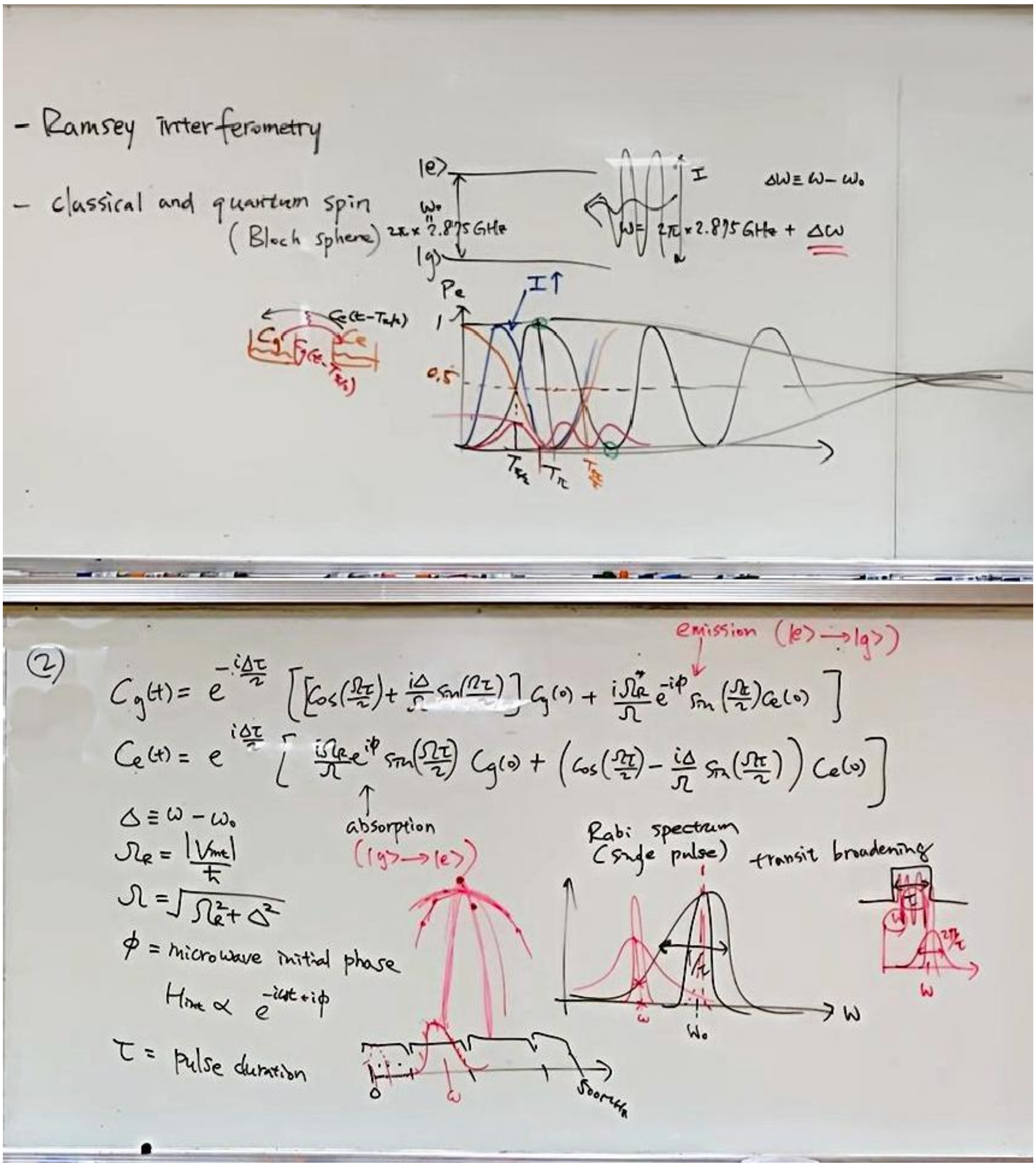
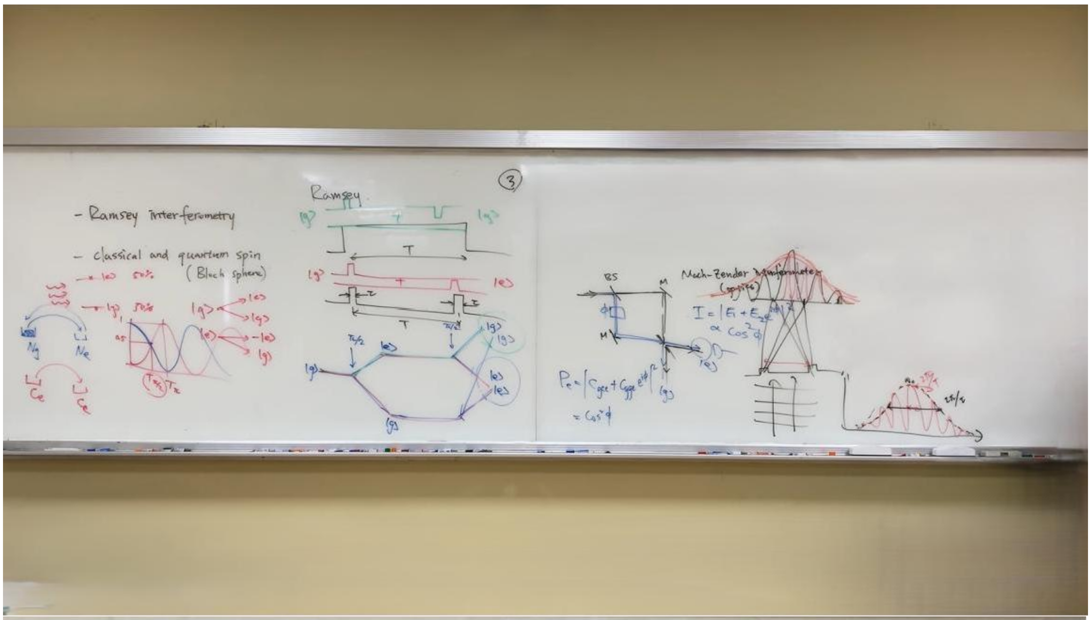
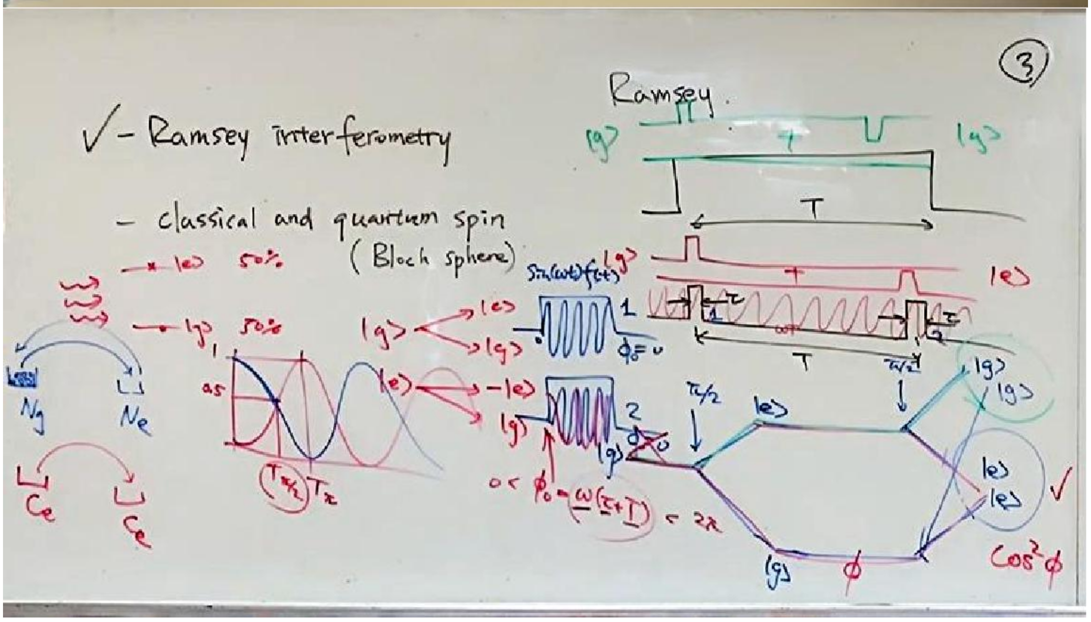
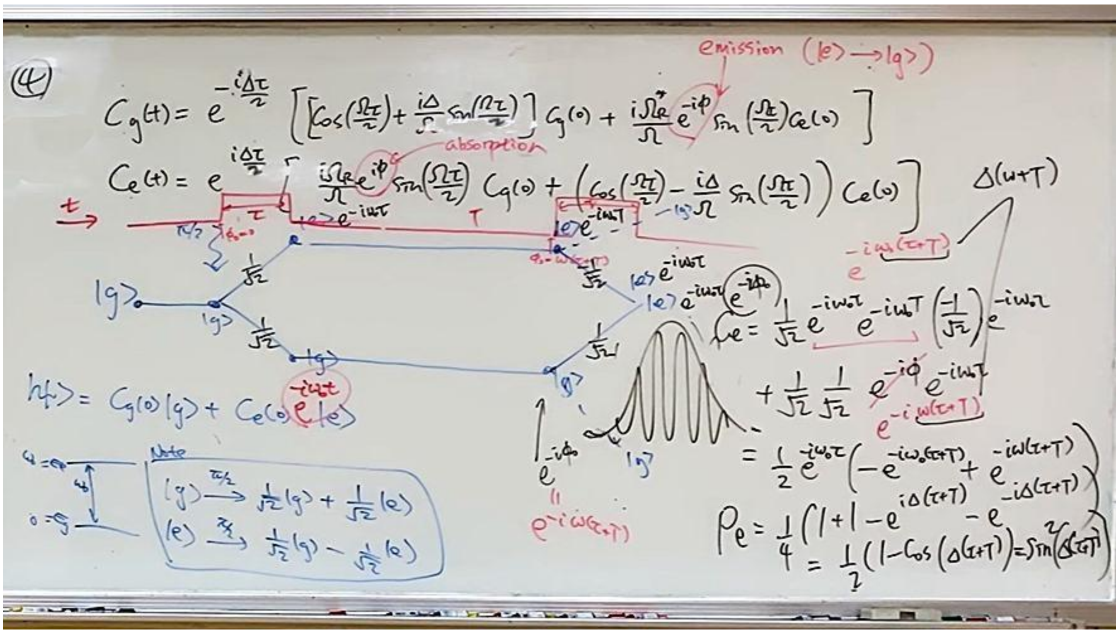
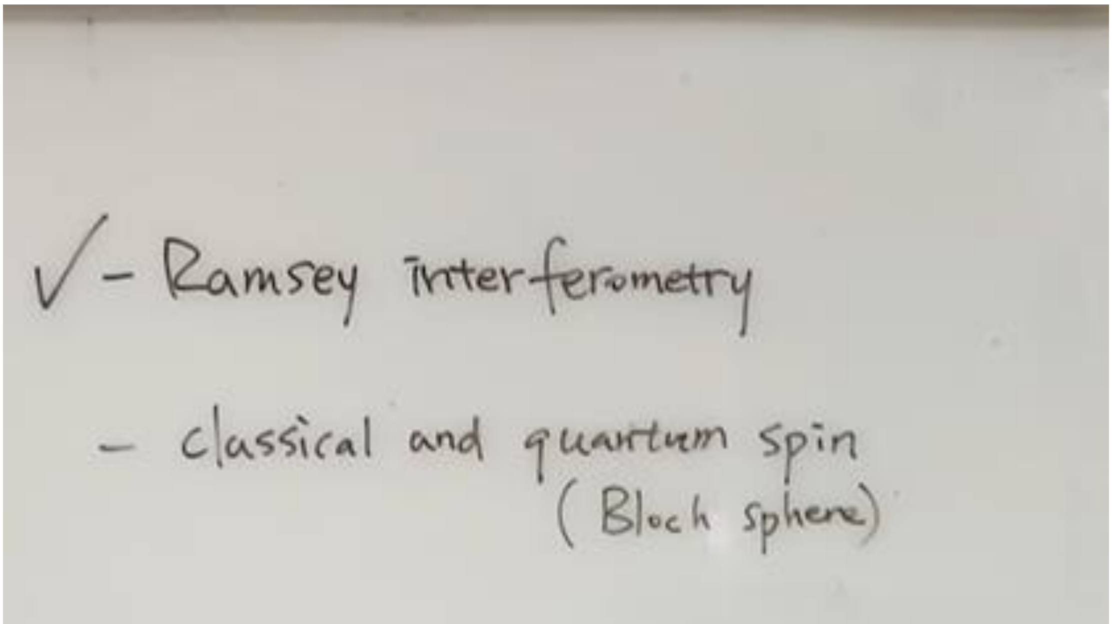
Lecture6 Ramsey interferometry




- Ramsey interferometry
- classical and quantum spin
(Bloch sphere)
Ramsey
③
Mach-Zender interferometer
BS
M
Cos²φ


③
Ramsey.
✓- Ramsey interferometry
- classical and quantum spin
(Bloch sphere)
|e⟩ 50%
|g⟩ 50%
Ng
Ne
Ce
Tπ
T
τ
π/2
|g⟩
|e⟩
Cos²φ


emission (|e> → |g>)
absorption
Note


✓ - Ramsey interferometry
- classical and quantum spin
(Bloch sphere)