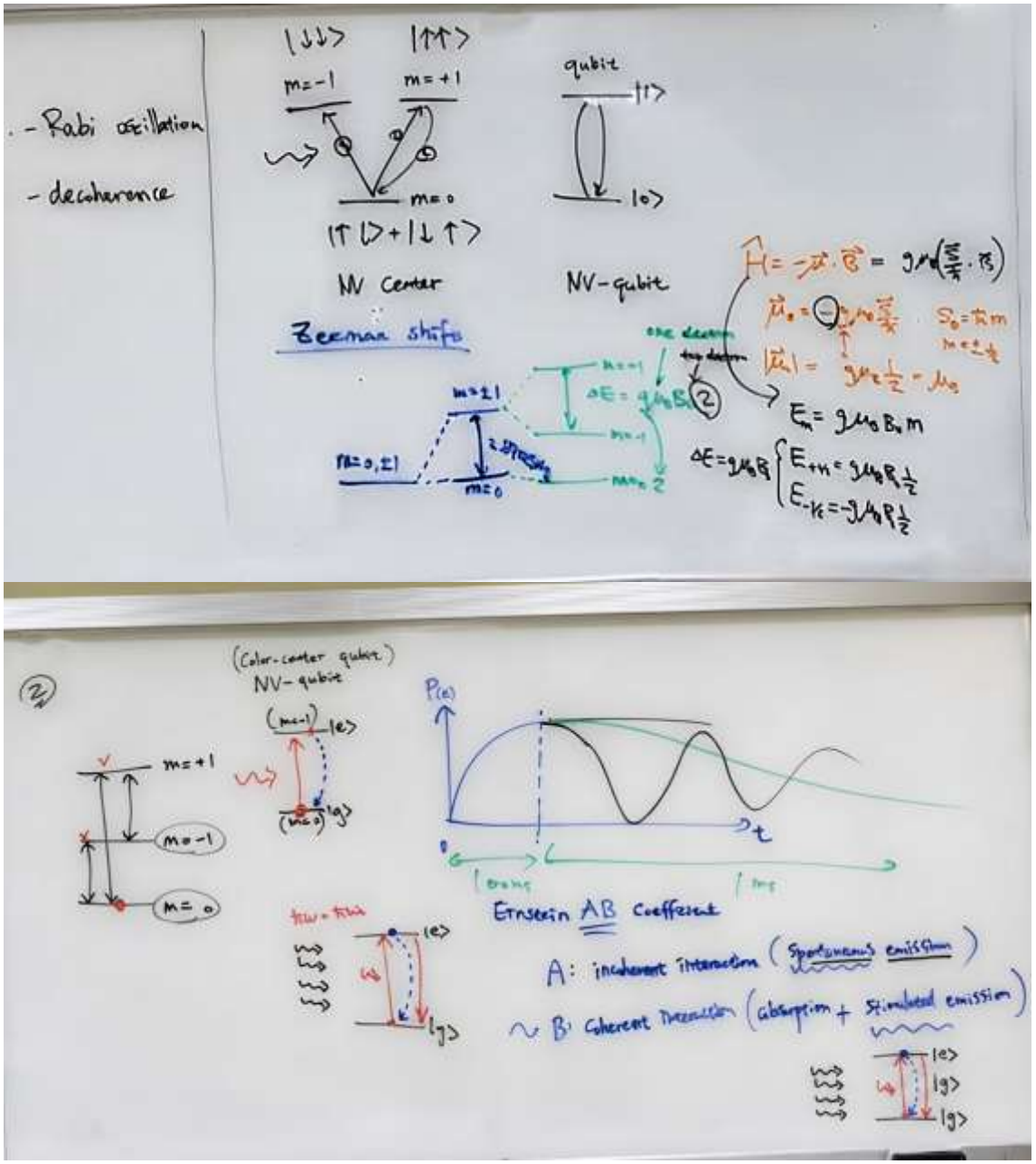
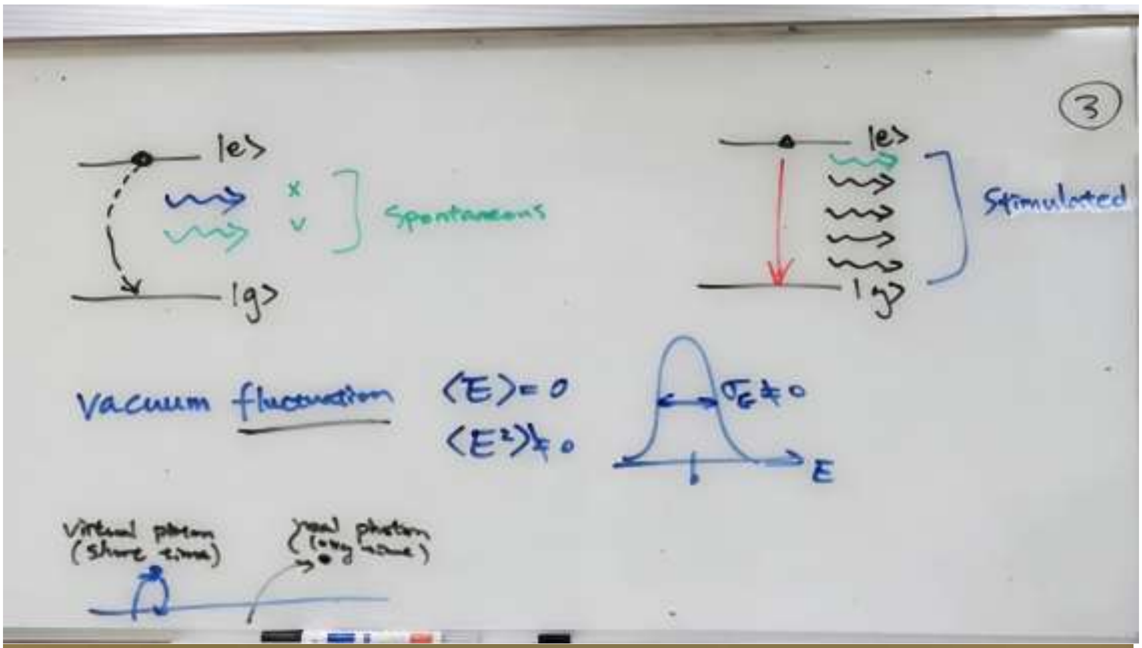
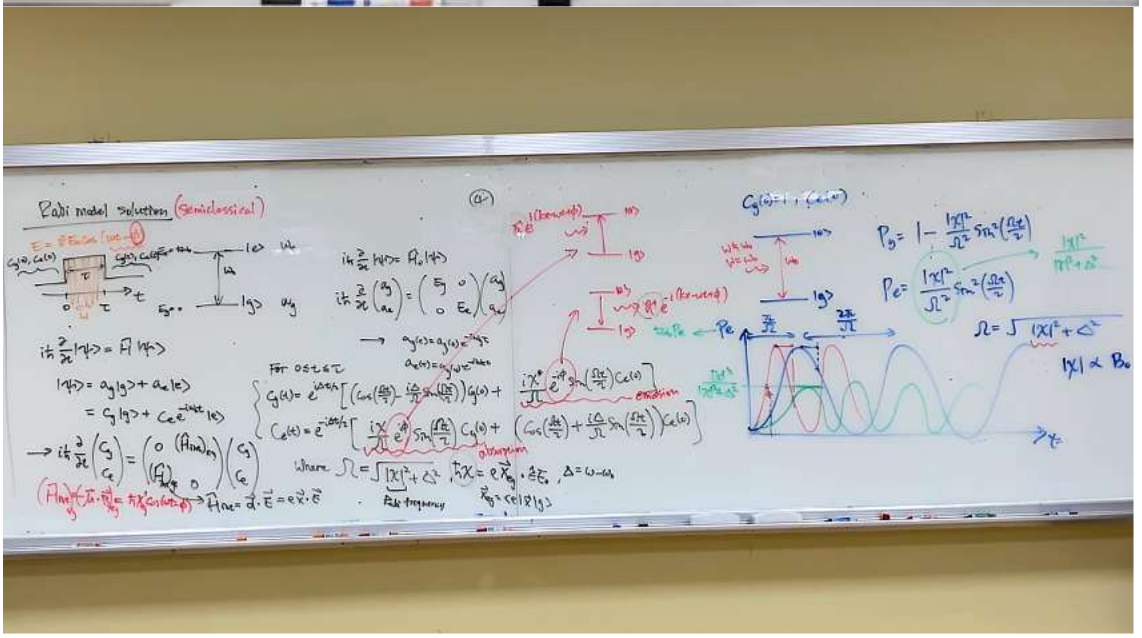
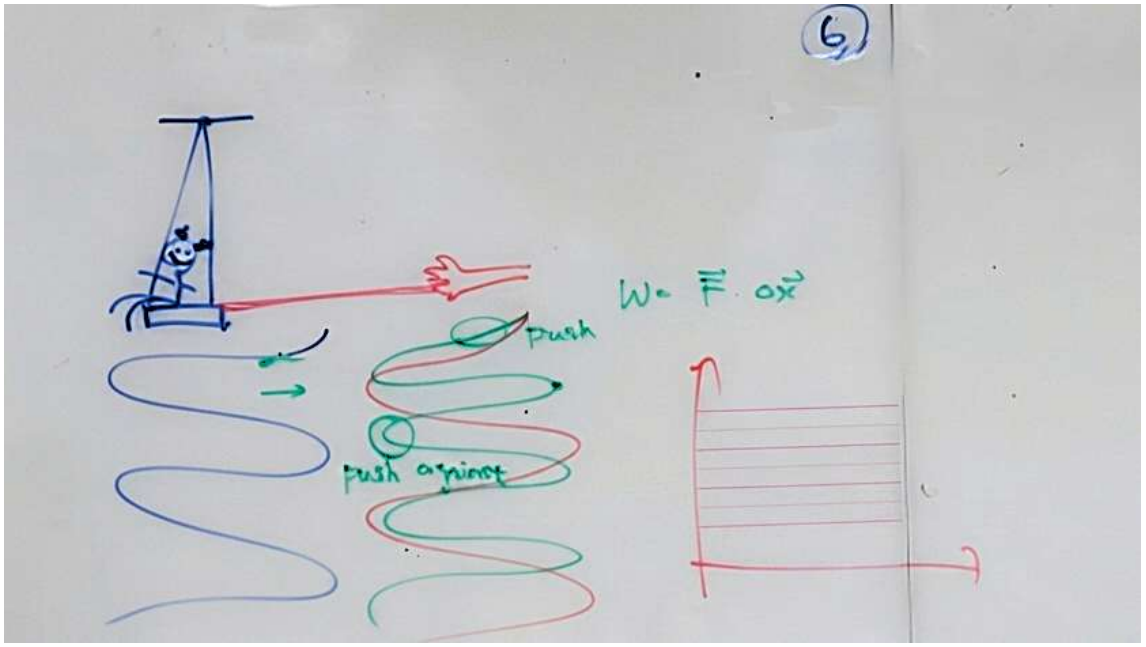
Lecture5 (spin) Rabi oscillation




③
|e>
|g>
Spontaneous
Stimulated
vacuum fluctuation
⟨E⟩=0
⟨E²⟩≠0
E
virtual photon (short time)
real photon (long time)


Rabi model solution (semiclassical)
For 0≤t≤τ
Where
emission
absorption
Ω = √(|χ|²+Δ²)
|χ| ∝ B₀


6
W = F · ox
push
push against