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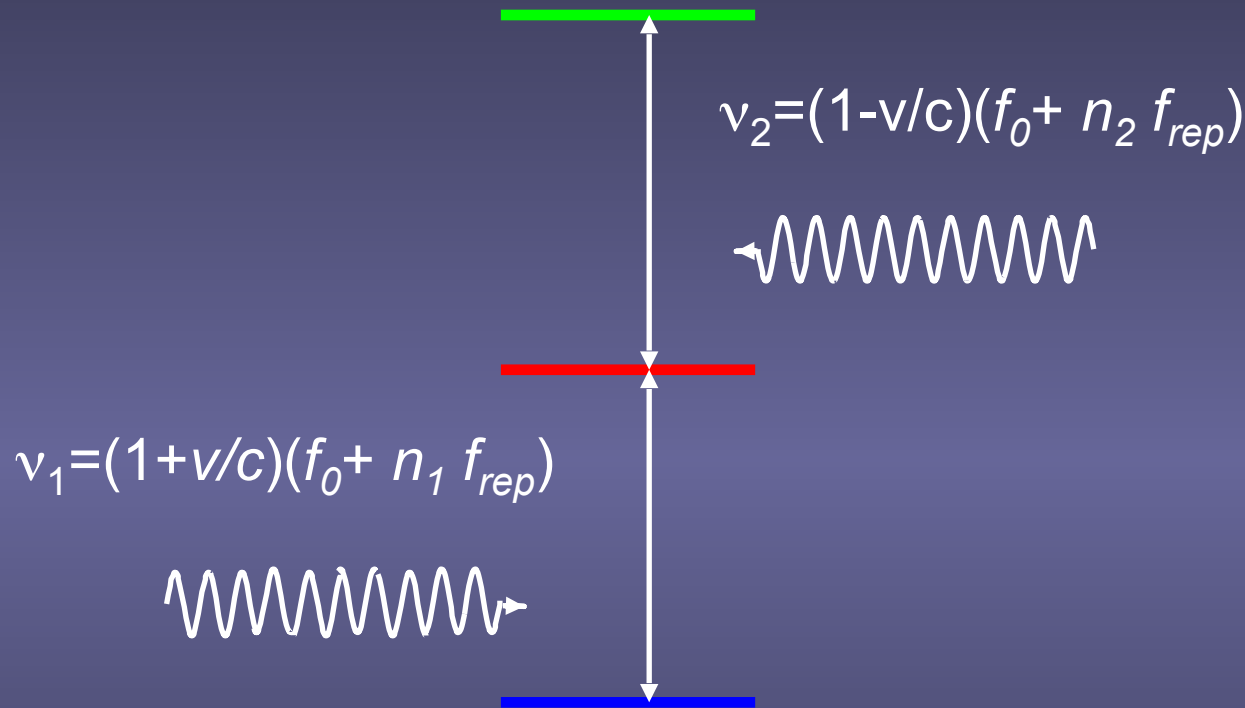
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# Velocity Selective Double Resonance



- Both  $\nu_1$  and  $\nu_2$  depend  $f_{rep}$ .
- Atoms are excited to the final state only when  $f_{rep}$  results in resonance for both transitions for a given speed.
- Transitions can be excited from atoms with different speeds

# Velocity selective double resonance

