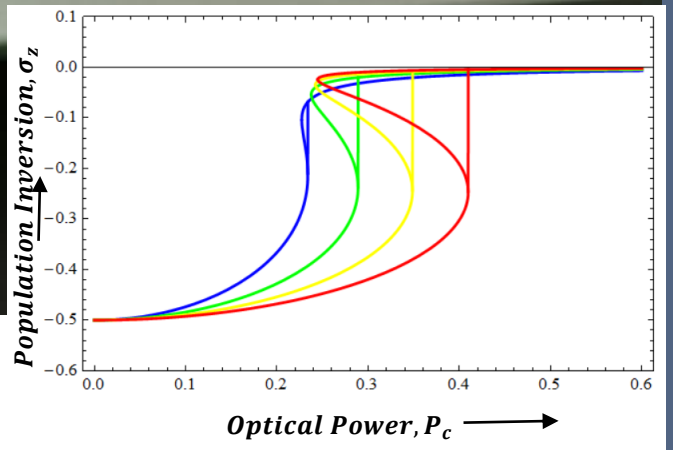
Quantum Optics

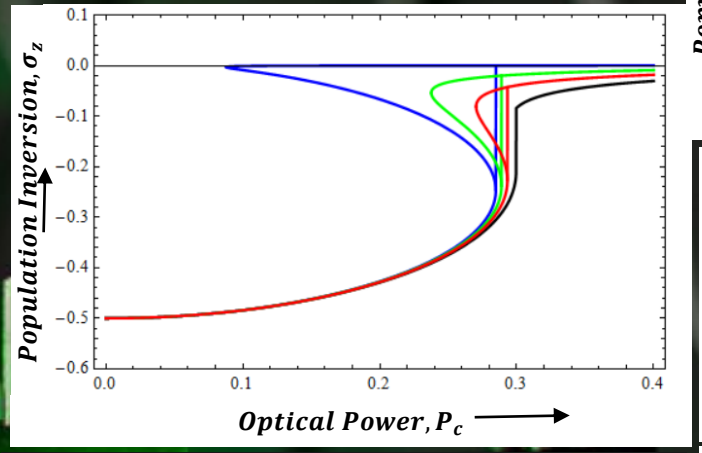
Current Research :

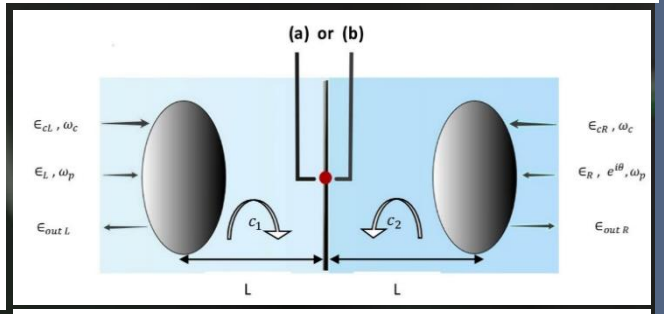
- Quantum Optomechanics
- Plasmonic Cavities
- Cavity Quantum Electrodynamics (C-QED)
- Hybrid Photonic Crystal (PhC) nano cavity
- OMIT(Optomechanically Induced Transparency)
- Hybrid Quantum systems
- EIT(Electromagnetically Induced Transparency)

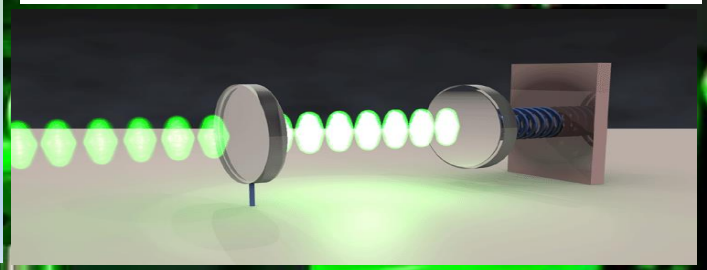
Applications:

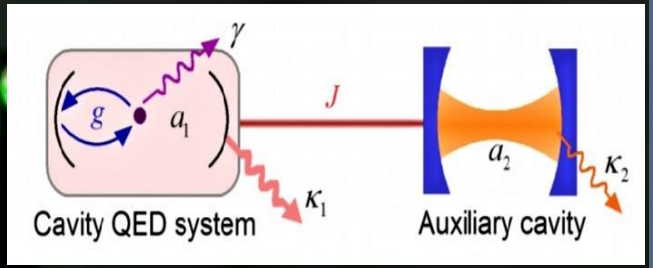
- Optical Switching
- Optical Mode Conversion
- Quantum Information Processing
- Quantum Communication











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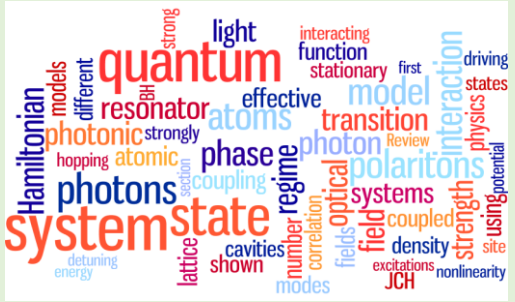
Research Scholars:

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