Abstract Submitted
for the MAR17 Meeting of
The American Physical Society

Quantum Entanglement in Jaynes-Cummings Model and its applications SAMINA MASOOD, University of Houston-Clear Lake — Quantum entanglement in Jaynes-Cummings model with two atoms and two photons have been studied. This study is extended to larger systems with more atoms and more photons. This quantum entanglement can affect the cavity losses and may be applied to quantum computers or quantum information systems.

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Date submitted: 11 Nov 2016   Electronic form version 1.4