Title:	Study of Magnetic Traps and Radio Frequency Dressed State Potentials
Authors:	Dubey, Swadheen (/jspui/browse?type=author&value=Dubey%2C+Swadheen)
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Abstract:	In this thesis a theoretical study of Magnetic traps and Radio Frequency dressed state is presented. RF-Dressed state can produce a double well, a ring trap and in general polarization dependent potentials. RF- dressed state potentials are con- trolled by RF amplitudes, RF detuning and Rf polarization state. This thesis presents detailed calculations of RF dressed state potential for a Bose Einstein Condensate trapped in a Magnetic trap.
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