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Atomic Coherence and its Potential Applications

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About the eBook

The eBook is unique in its approach with experimental demonstrations and it should be a particularly useful reference for aspiring theoretical physicists searching for a comprehensive review of applications of atomic coherence within a single book.

Contents

- ▶ Cavity Linewidth Controls with an Intracavity Three-level Atomic Medium
- ▶ Phase-dependent atomic coherence and interference in multi-level atomic systems
- ▶ Atomic Localization and its application in atom nano-lithograph
- ▶ Quantum correlations in four-wave mixing and quantum- beat lasers
- ▶ Tunable Photonic Bandgaps Induced by Standing-Wave Fields and Related Topics
- ▶ Atomic Coherence and Optical Storage

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