
SEMINARIO

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Coherent states in Quantum Optics: An oriented overview

Abstract: In this survey, various generalisations of Glauber-Sudarshan coherent states are described in a unified way, with their statistical properties and their possible role in non-standard quantisations of the classical electromagnetic field. Some statistical photon-counting aspects of Perelomov $SU(2)$ and $SU(1,1)$ coherent states are emphasized.

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