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compétition)

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Algorithms for Boson Realizations of $SU(n)$

Wednesday 17 June 2015 19:00 (2 minutes)

We devise a procedure for calculating boson realizations of canonical basis-states of $SU(n)$ for arbitrary n . We employ our boson realization to calculate Wigner \mathcal{D} -functions of $SU(n)$ in the canonical Gelfand-Tsetlin basis and connect these functions to outputs from multi-photon interferometry.

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Track Classification: Theoretical Physics / Physique théorique (DTP-DPT)