

Abstract Submitted
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Application of the coherent state formalism to multiply excited states M.A. CAPRIO, Yale University — Results are obtained allowing the coherent state formalism for algebraic models to be applied to states possessing an arbitrarily large number of intrinsic excitation quanta. A general procedure is presented for evaluation of the matrix element of an arbitrary n -body operator between coherent states constructed from multiple orthogonal coherent boson creation operators. The results may be applied to a variety of algebraic models. Supported by the US DOE under grant DE-FG02-91ER-40608.

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