

Angular Momentum of Supersymmetric Non-isotropic Traps

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Abstract: A simple way to explain quantum behavior of supersymmetric non-isotropic traps is proposed in the framework of semiunitary formulation of supersymmetric quantum mechanics. Using semiunitary formulation we can simultaneously supersymmetrize the complete set of observables, especially including angular moment.

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Key words: supersymmetric quantum mechanics, semiunitary transformation, trap

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