

Abstract Submitted
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An Exactly Soluble Quantum Mechanics Problem and its String Theory Applications JEREMY MICHELSON, The Ohio State University — A Hamiltonian which can be exactly solved using algebraic techniques will be presented. Both supersymmetric and nonsupersymmetric versions of this problem exist. Exactly solvable quantum mechanics are interesting in their own right, but this one also has applications to the quantum Hall effect and to string theoretic understandings of black holes.

Jeremy Michelson
The Ohio State University

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