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Supersymmetrizing a Quantum Mechanical System.

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Supersymmetry (SUSY) is one of the most active fields of research in high-energy physics and particle physics. However, SUSY is not so easily accessible for students wishing to get started on this field of research due to complexities often associated with quantum field theories. In this talk, I'll discuss some aspects of SUSY in the context of quantum mechanics. In particular, I'll demonstrate how to supersymmetrize a familiar quantum system such as a harmonic oscillator and a square well.

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