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## Proof to count bound state nodes in supersymmetric quantum mechanics

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A normalizable static supersymmetric bound ground state annihilated by the super-generators has got zero number of internal nodes in the framework of one-dimensional supersymmetric quantum mechanics. The super-generator transformations between excited super-partner bound states as combined with the standard technique of wronskian provides an elegant and self sufficient way to derive the equality of internal nodes amount to the number of consequent excitation.

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