

Abstract Submitted  
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**Alternative approach to dimensional scaling**<sup>1</sup> ROBERT MURAWSKI , ANATOLY SVIDZINSKY, MARLAN SCULLY, Texas A&M University — We will present a comparison between the D-scaling approach of Herschbach/Witten and an alternative form. The new approach is far less computationally expensive and introduces quantum numbers in a natural way, thus allowing one to calculate excited states without going to a  $1/D$  expansion. The two approaches will be tested on the excited states of helium.

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