

This is a review text file submitted electronically to MR.

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Review text:

The Riccati-Pade Schrödinger-eigenvalue algorithm (RPM, explained in the paper) belongs to my favored ones. It is purely empirical (i.e., as far as I know, the underlying idea is not based on any rigorous proof of validity yet) but its many times tested numerical efficiency is simply amazing. The paper brings a new support of this experience. This time, using sextic oscillators for illustration, the computation of resonances in multiple wells is shown to give results which are fully compatible with the results of other methods.