

This is a review text file submitted electronically to MR.

Reviewer: Znojil, Miloslav

Reviewer number:

Address:

NPI ASCR,
250 68 Rez, Czech Republic
znojil@ujf.cas.cz

Author: Hu, Juan; Yu, Guo-Fu

Short title: The application of value distribution theory to a doubly anharmonic oscillator.

MR Number: 2812321

Primary classification: 81Q12

Secondary classification(s): 81Q80

Review text:

The results presented in this paper are unbelievably trivial. This sad fact is disguised by the misleading title and by an extensive redundant blabla. In essence, elementary expressions (4.20), (4.24) and (4.25) are shown to satisfy differential eq. (1.3) with suitable coefficients. The only explanation why this paper could have been accepted for publication in J. Phys. A can be seen in the absolute professional incompetency of its referees. Interested readers should return to ref. [11] (containing basically the same message plus much much more, and published as early as in 1978!) or glimpse in the comprehensive monograph "Quasi-exactly solvable models in quantum mechanics" by Alexander G. Ushveridze (IOP, 1994). There also exists a truly extensive and exciting further reading on the subject - the current reviewer is prepared to provide its (incomplete) list (involving names like A. Hautot or A. Turbiner or C. M. Bender, etc) upon request.

Comments to the MR Editors: slightly amended version