



## បរចាំនាមករណ

- [1] Cao,Z. , Zhou,F. and Shen,Q. (2003). Energy splitting in symmetric double-well potentials. *Phys. Rev. A*, 67, 062112.
- [2] Chaiharn,J. (2008). Finite element treatment of quantum mechanical quartic double-well potential problem. Thesis, M.S., Naresuan University, Phitsanulok.
- [3] Arias de Saavedra,F. and Buenda,E. (1990). Perturbative-variational calculations in two-well anharmonic oscillators. *Phys.Rev. A*, 42, 5073.
- [4] Bansal,M., Srivastava,S. and Vishwamittar. (1991). Energy eigenvalues of double-well oscillator with mixed quartic and sextic anharmonicities. *Phys. Rev. A*, 44, 8012.
- [5] Bishop,R.F. and Flynn,M.F. (1988). Variational and coupled-cluster calculations of the spectra of anharmonic oscillators. *Phys. Rev. A*, 38, 2211.
- [6] Handy,C.R. (1992). Application of the eigenvalue moment method to the quartic anharmonic double-well oscillator. *Phys. Rev. A*, 46, 1663.
- [7] Balsa,R., Plo,M., Esteve,J. G. and Pacheco,A. F. (1983). Simple procedure to compute accurate energy levels of a double-well anharmonic oscillator. *Phys. Rev. D*, 28, 1945.
- [8] Biswas,S.N., Datta,K., Saxena,R.P., Srivastava,P.K. and Varma,V.S. (1973). Eigenvalues of  $\lambda x^{2m}$  anharmonic oscillators. *J. Math. Phys.*, 14, 1190.
- [9] Flessas,G. P. (1979). On the eigenvalues of the rotating harmonic oscillator. *Physics Letters A*, 71, 315 – 316.
- [10] Flessas,G.P. and Anagnostatos,G.S. (1982). On the applicability of the Hill determinant and the analytic continued fraction method to anharmonic oscillators. *J. Phys. A: Math. Gen.*, 15, 537-542.
- [11] Hautot,A. (1981). Interaction  $\lambda x^2/(1 + gx^2)$  revisited. *Journal of Computational Physics*, 39(1), 72-93.

- [12] Hautot,A. and Nicolas,M. (1983). On the applicability of the Hill determinant method. *J. Phys. A: Math. Gen.*, 16, 2953-2959.
- [13] Hautot,A. (1986). On the Hill-determinant method. *Phys. Rev. D*, 33, 437.
- [14] Killingbeck, J. (1986). Hill determinants and supersymmetry. *Physics Letters A*, 115, 253-255.
- [15] Znojil,M. (1986). Polynomial potentials and a hidden symmetry of the Hill – determinant eigenvalue method. *Physics Letters A*, 116, 207-209.
- [16] Znojil,M. (1988). On the power-series construction of bound states. I. The energies as zeros of the infinite Hill determinants. *J. Math. Phys.*, 29, 1433.
- [17] Witwit,M.R. (1995) Energy levels for nonsymmetric double-well potential in several dimension : Hill determinant approach. *Journal of Computational Physics*, 123, 369 – 378.
- [18] Bransden,B.H. and Joachain,C.J. (2000). *Quantum Mechanics* (2<sup>nd</sup>ed). Great Britain: Pearson Education.
- [19] Giordano,N.J. and Nakanishi,H. (2006) *Computational physics* (2<sup>nd</sup>ed.) U.S.A.: Pearson Education.
- [20] Wolfram,S. (2003) *The Mathematica Book* (5<sup>th</sup>ed.). U.S.A.: Wolfram Media.
- [21] Alonso,M. and Finn, E. (1983). *Fundamental University Physics volume III : Quantum and Statistical Physics* (14<sup>th</sup>ed). Singapore: Kyodo-Shing Loong Printing .
- [22] Friedberg,R., Lee,T.D., Zhao,W.Q. and Cimenser,A. (2001). A convergent iterative solution of the quantum double-well potential. *Journal Article*, 294 , 67-133.
- [23] อิศรา วงศ์คำ. (2548). *การประยุกต์กระบวนการยิงคำตอบในเชิงตัวเลขสำหรับปัญหาการสั่นแบบแอนชาร์โมนิก 1 มิติในทางกลศาสตร์ควบคุมด้วยการศึกษาค้นคว้าด้วยตนเอง*. วท.บ., มหาวิทยาลัยนเรศวร, พิษณุโลก
- [24] Tasasungkin,S. (2006). Numerical calculation of ground-state energies for the gaussian double-well potential via perturbation and shooting method. Independent Study,B.S., Naresuan University, Phitsanulok.

- [25] Banerjee,K. (1978). General Anharmonic Oscillators. In *Proceedings of the Royal Society of London. Series A, Mathematical and Physical Sciences*, (pp.265-275). Royal Society Publishing : London
- [26] Banerjee,K. and Bhatnagar,S. P. (1978). Two-well oscillator. *Phys. Rev. D*, 18, 4767.
- [27] Brickmann,J. and Zimmermann,H. (1969). Lingering Time of the Proton in the Wells of the Double-Minimum Potential of Hydrogen. *J. Chem. Phys.*, 50, 1608.
- [28] Fernandez,F.M. , Meson,A.M. and Castro,E.A. (1985). A simple iterative solution of The Schrodinger equation in matrix representation form. *J. Phys. A: Math. Gen.*, 18, 1389 -1398.
- [29] Fröman,N., Fröman, P.O. and Karlsson,F. (1980). Comments on a paper concerning the eigenvalues of the rotating harmonic oscillator. *Physics Letters A*, 71, 397-398.
- [30] Hodgson,R.J. W. and Varshni,Y.P. (1989). Splitting in a double-minimum potential with almost twofold degenerate lower levels. *J. Phys. A: Math. Gen.*, 22, 61-66.
- [31] Somorjai,R. L. and Hornig,D. F. (1962). Double-Minimum potentials in hydrogen-bonded solids. *J. Chem. Phys.*, 36, 1980.
- [32] Witwit,M.R.M. and Killingbeck,J.P. (1993). Hypervirial perturbation calculations for double-well potentials of perturbed oscillator type. *Can. J. Phys./Rev. Can. Phys.*, 71(9) , 475-483.
- [33] Chaudhuri,R. N. (1985). Comment on the anharmonic oscillator and the analytic theory of continued fractions. *Phys. Rev. D*, 31, 2687.
- [34] Drozdov,A.N. (1995). On the improvement of convergence of Hill determinants. *J. Phys. A: Math. Gen.*, 28, 445-457.
- [35] Hautot,A. and Magnus,A. (1979). Calculation of the eigenvalues of Schrödinger equations by an extension of Hill's method. *Journal of Computational and Applied Mathematics*. 5(1), 3-15.
- [36] Tater,M. and Turbiner,A.V. (1993). Failure of the Hill determinant method for the sextic anharmonic oscillator. *J. Phys. A: Math. Gen.*, 26, 697-710.
- [37] Znojil, M. (1982). Comment on the Green's function for the anharmonic oscillators. *Phys. Rev. D*, 26, 3750.