

目 录

第 1 章 床前明月光	1
参考文献	3

第 1 章 床前明月光

参考文献排版有些问题。当参考文献过多的时候，参考文献章节，第三页，页眉会出现章节的名字^[1-57]

参考文献

- [1] Loge G W, Tiee J. Lifetime of the $A\ 2\Sigma^+, v' = 0$ level of HS measured using the Hanle effect [J]. The Journal of Chemical Physics. 1988, 89 (12): 7167–7171.
- [2] Löwdin P-O. Advances in Quantum Chemistry 1 - Advances in Quantum Chemistry [M]. Academic Press, 1964.
- [3] Löwdin P-O. Advances in Quantum Chemistry 2 [M]. Academic Press, 1966.
- [4] Löwdin P-O. Advances in Quantum Chemistry 3 [M]. Academic Press, 1967.
- [5] Löwdin P-O. Advances in Quantum Chemistry 4 [M]. Academic Press, 1968.
- [6] Löwdin P-O. Advances in Quantum Chemistry 5 [M]. Academic Press, 1970.
- [7] Löwdin P-O. Advances in Quantum Chemistry 6 [M]. Academic Press, 1972.
- [8] Löwdin P-O. Advances in Quantum Chemistry 7 [M]. Academic Press, 1973.
- [9] Löwdin P-O. Advances in Quantum Chemistry 8 [M]. Academic Press, 1974.
- [10] Löwdin P-O. Advances in Quantum Chemistry 9 [M]. Academic Press, 1975.
- [11] Löwdin P-O. Advances in Quantum Chemistry 10 [M]. Academic Press, 1977.
- [12] Löwdin P-O. Advances in Quantum Chemistry 11 [M]. Academic Press, 1978.
- [13] Löwdin P-O. Advances in Quantum Chemistry 12 [M]. Academic Press, 1980.
- [14] Löwdin P-O. Advances in Quantum Chemistry 13 [M]. Academic Press, 1981.
- [15] Löwdin P-O. Advances in Quantum Chemistry 14 [M]. Academic Press, 1981.
- [16] Löwdin P-O. Advances in Quantum Chemistry 15 [M]. Academic Press, 1982.
- [17] Löwdin P-O. Advances in Quantum Chemistry 16 [M]. Academic Press, 1982.
- [18] Löwdin P-O. Advances in Quantum Chemistry 17 [M]. Academic Press, 1985.
- [19] Löwdin P-O. Advances in Quantum Chemistry 18 [M]. Academic Press, 1986.
- [20] Löwdin P-O. Advances in Quantum Chemistry 19 [M]. Academic Press, 1988.
- [21] Löwdin P-O. Advances in Quantum Chemistry 20 [M]. Academic Press, 1989.
- [22] Löwdin P-O. Advances in Quantum Chemistry 21 - Density Functional Theory of Many-Fermion Systems [M]. Academic Press, 1990.
- [23] Löwdin P-O. Advances in Quantum Chemistry 22 [M]. Academic Press, 1991.
- [24] Löwdin P-O. Advances in Quantum Chemistry 23 [M]. Academic Press, 1992.
- [25] Löwdin P-O. Advances in Quantum Chemistry 24 [M]. Academic Press, 1992.
- [26] Löwdin P-O. Advances in Quantum Chemistry 26 [M]. Academic Press, 1995.
- [27] Löwdin P-O, Sabin J R, Zerner M C. Advances in Quantum Chemistry 27 [M]. Academic Press, 1996.
- [28] Löwdin P-O. Advances in Quantum Chemistry 28 [M]. Academic Press, 1997.
- [29] Löwdin P-O. Advances in Quantum Chemistry 29 [M]. Academic Press, 1998.
- [30] Löwdin P-O. Advances in Quantum Chemistry 30 [M]. Academic Press, 1998.

-
- [31] Moiseyev N, Corcoran C. Autoionizing states of H_2 and H_2^- using the complex-scaling method [J]. *Physical Review A*. 1979, 20 (3): 814.
- [32] Moiseyev N, Friedland S. Association of resonance states with the incomplete spectrum of finite complex-scaled Hamiltonian matrices [J/OL]. *Physical Review A*. 1980, 22 (2): 618–624.
<https://link.aps.org/doi/10.1103/PhysRevA.22.618><https://journals.aps.org/prapdf/10.1103/PhysRevA.22.618>.
- [33] Moiseyev N, Friedland S, Certain P R. Cusps, θ trajectories, and the complex virial theorem [J/OL]. *The Journal of Chemical Physics*. 1981, 74 (8): 4739–4740. **<https://aip.scitation.org/doi/abs/10.1063/1.441624><https://aip.scitation.org/doi/pdf/10.1063/1.441624>.**
- [34] Moiseyev N, Froelich P, Watkins E. Resonances by the complex coordinate method with Hermitian Hamiltonian. II. Error estimates [J/OL]. *The Journal of Chemical Physics*. 1984, 80 (8): 3623–3628. **<https://aip.scitation.org/doi/abs/10.1063/1.447182>.**
- [35] Moiseyev N, Lipkin N, Farrelly D, et al. Determination of tunneling rates in bound systems using the complex coordinate method [J/OL]. *The Journal of Chemical Physics*. 1989, 91 (10): 6246–6253. **<https://aip.scitation.org/doi/abs/10.1063/1.457391><https://aip.scitation.org/doi/pdf/10.1063/1.457391>.**
- [36] Moiseyev N, Maniv T, Elber R, et al. Lifetimes of rotational resonances in molecule-surface scattering [J/OL]. *Molecular Physics*. 1985, 55 (6): 1369–1381. **<https://doi.org/10.1080/00268978500102071>.**
- [37] Moiseyev N, Peskin U. Partial widths obtained by the complex resonance-scattering theory [J/OL]. *Physical Review A*. 1990, 42 (1): 255–260. **<https://link.aps.org/doi/10.1103/PhysRevA.42.255>.**
- [38] Monnerville M, Robbe J. Optical potential discrete variable representation method in the adiabatic representation [J]. *The European Physical Journal D-Atomic, Molecular, Optical and Plasma Physics*. 1999, 5 (3): 381–387.
- [39] Monnerville M, Robbe J M. Optical potential coupled to discrete variable representation for calculations of quasibound states: Application to the $CO(B\ 1\Sigma^+ - D'\ 1\Sigma^+)$ predissociating interaction [J]. *The Journal of Chemical Physics*. 1994, 101 (9): 7580–7591.
- [40] Moretti V. *Spectral Theory and Quantum Mechanics: Mathematical Foundations of Quantum Theories, Symmetries and Introduction to the Algebraic Formulation* [M/OL]. Springer, 2018. **<http://gen.lib.rus.ec/book/index.php?md5=8eaf90e82d791b87b180acfc475ffa6>.**
- [41] Morgan L A, Tennyson J, Gillan C J. The UK molecular R-matrix codes [J/OL]. *Computer Physics Communications*. 1998, 114 (1-3): 120–128. **<http://www.sciencedirect.com/science/article/pii/S0010465598000563>.**

-
- [42] Morse P M. Diatomic Molecules According to the Wave Mechanics. II. Vibrational Levels [J]. Physical Review. 1929, 33 (6): 932–947.
- [43] Moshinsky M, Smirnov Y F. The Harmonic Oscillator in Modern Physics [J]. 1996.
- [44] Motovilov A K. UNPHYSICAL ENERGY SHEETS AND RESONANCES IN THE FRIEDRICHS-FADDEEV MODEL [J]. 2018.
- [45] Mott N F, Massey H S W. The theory of atomic collisions [M]. Clarendon Press Oxford, 1965.
- [46] Muga J, Palao J, Navarro B, et al. Complex absorbing potentials [J]. Physics Reports. 2004, 395 (6): 357–426.
- [47] Mukhamedzhanov A M, Irgaziev B F, Goldberg V Z, et al. Bound, virtual, and resonanceS-matrix poles from the Schrödinger equation [J]. Physical Review C. 2010, 81 (5).
- [48] Mulliken R. Some Neglected Subcases of Predissociation in Diatomic Molecules [J]. The Journal of Chemical Physics. 1960, 33 (1): 247–252.
- [49] Murillo M S, Weisheit J C. Dense plasmas, screened interactions, and atomic ionization [J]. Physics Reports. 1998, 302 (1): 1–65.
- [50] Myo T, Kikuchi Y, Masui H, et al. Recent development of complex scaling method for many-body resonances and continua in light nuclei [J/OL]. Progress in Particle and Nuclear Physics. 2014, 79: 1–56. <http://www.sciencedirect.com/science/article/pii/S0146641014000556>.
- [51] Nakamura H. Semiclassical Approach to Charge-Transfer Processes in Ion-Molecule Collisions [J]. Advances in Chemical Physics. 1992, 82: 243–319.
- [52] Naulin C, Bergeat A. Low energy scattering in crossed molecular beams [M] // Dulieu O, Osterwalder A. In Cold Chemistry : Molecular Scattering and Reactivity Near Absolute Zero. Cambridge: Royal Society of Chemistry, 2018: 92–149.
- [53] Neil D, 杨源, 车文隆. Vim 实用技巧 [M]. 人民邮电出版社, 2014.
- [54] Newton R G. Scattering theory of waves and particles [M/OL]. 2nd ed. Springer-Verlag Berlin Heidelberg, 1982. <http://gen.lib.rus.ec/book/index.php?md5=7864723c5a63f6ee606743e069d19457>.
- [55] Newton R G. Inverse Schrodinger scattering in three dimensions [M]. Springer, 1989.
- [56] Nicolaides C A, Beck D R. The variational calculation of energies and widths of resonances [J/OL]. Physics Letters A. 1978, 65 (1): 11–12. <http://www.sciencedirect.com/science/article/pii/0375960178901160>.
- [57] Nicolaides C A, Brändas E, Sabin J R. Advances in Quantum Chemistry 63 [M]. Academic Press, 2012.

