

บรรณานุกรม

บรรณานุกรม

- [1] Garbart H, Devoret MH. “Single Charge Tunneling Coulomb Blockade Phenomena in Nano Structures”. 1 Edition. Plenum Press: Springer; 1992.
- [2] Fulton T.A., Dolan G.J. “Observation of single-electron charging effects in small tunnel junctions”. Physical review letters 1987; 59[1]: 109–112.
- [3] Lafarge P, Pothier H, Williams ER, Esteve D, Urbina C, Devoret MH. “Direct observation of macroscopic charge quantization”. Zeitschrift für physik B condensed matter 1991; 85[3]: 327-332.
- [4] Kakade S. “Supersensitive Electrometer and Electrostatic Data Storage Using Single Electron Transistor”. International Journal of Electronics and Communication Engineering 2012; 5[5] : 591-596.
- [5] Likharev KK. “Single-Electron Devices and Their Applications”. Proceeding of the IEEE 1999; 87[5] : 606-632.
- [6] Serway RA, Moses CJ, Moyer CA. “Modern Physics” 3 Edition. Thomson; 2005.
- [7] Panyukov SV, Zaikin AD. “Coulomb blockade and nonperturbative ground-state properties of ultrasmall tunnel junctions”. Physical review letters 1991; 67[22]: 3168-3171.
- [8] Göppert G, Grabert H, Prokofev NV, Svistunov BV. “Effect of tunneling conductance on the coulomb staircase”. Physical review letters 1998; 81[11]: 2324-2327.
- [9] Wang X, Egger R, Grabert H. “Coulomb charging energy for arbitrary tunneling strength”. Europhysics letters 1997; 38[7]: 545-548.
- [10] Wallisser C, Limbach B, Vom Stein P, Schäfer R, Theis C, Göppert G, Grabert H. “Conductance of the single-electron transistor: A comparison of experimental data with Monte Carlo calculations”. Physical review B 2002; 66:125314.
- [11] Limbach B, Stein P.V., Wallisser C., Schafer R., Theis C., Goppert G., Grabert H. “Coulomb blockade in two-island systems with highly conductive junctions”. Physical review B 2005; 72:045319.
- [12] Srivilai P. “Quantum Monte Carlo study of the metallic single electron pump” [Ph.D. thesis]. Freiburg: Albert Ludwigs University Freiburg; 2012.
- [13] Thongsuk T. “Calculation of average electron numbers on the metallic single electron transistor by Quantum Monte Carlo method” [B.Sc.Physics]. Mahasarakham University; 2013.
- [14] Van Der Wiel WG, De Franceschi S, Elzerman JM, Fujisawa T, Tarucha S,

- Kouwenhoven LP. "Electron transport through double quantum dots". *Reviews of modern physics* 2002; 75[1]: 1-22.
- [15] Rungsri P, Boonruesi W, Sampan-a-pai S. "Quantum Monte Carlo study of the metallic single-electron pump" [B.Sc.Physics]. Mahasarakham University; 2014.
- [16] Theis C. "Conductance of single electron devices from imaginary-time path integrals" [Ph.D. thesis]. Freiburg: Albert Ludwigs University Freiburg; 2012.
- [17] Wang X. "Charge fluctuations on ultrasmall metallic islands". [Ph.D. thesis]. Freiburg: Albert Ludwigs University Freiburg; 1996.
- [18] Metropolis N, Ulam S. "The Monte Carlo method". *Journal of the American statistical association* 1949; 44[247]: 335-341.
- [19] William H, Saul A, William T, Brian P. "Numerical recipes in C". 2 Edition. Cambridge University Press; 1992.
- [20] Negele JW, Orland H. "Quantum Many-Particle Systems" Addison-Wesley; 1987.
- [21] Feynman RP, Hibbs AR. "Quantum mechanics and path integrals". Emended edition. Courier dover publications; 2012.
- [22] Göppert G. "Single electron tunneling at large conductance". [Ph.D. thesis]. Freiburg: Universitätsbibliothek Freiburg; 2000.
- [23] Werner P, Troyer M. Effective charging energy of the single-electron box. *J Stat Mech.* 2005; 2005(01):P01003.