

PUBLICATIONS

Prior to Joining CU: 1-49	Since Joining CU: 50-175	Contribution; Impact Factor
1	“Condensation Transition in the One-Dimensional Extended Hubbard Model”, H. Q. Lin and J. E. Hirsch, Phys. Rev. B 33 , 8155 (Jun 1986).	50%; 3.185
2	“Monte Carlo versus Langevin Methods for Nonpositive Definite Weights”, H. Q. Lin and J. E. Hirsch, Phys. Rev. B 34 , 1964 (Aug 1986).	50%; 3.185
3	“Monte Carlo Study of the Alexander-Anderson Model”, J. E. Hirsch and H. Q. Lin , J. Appl. Phys. 61 , 3703 (Apr 1987).	50%; 2.498
4	“On the Static Approximation for the Hubbard Hamiltonian”, H. Q. Lin and J. E. Hirsch, J. Appl. Phys. 61 , 3706 (Apr 1987).	50%; 2.498
5	“Two-Dimensional Hubbard Model with Nearest- and Next-Nearest-Neighbor Hopping”, H. Q. Lin and J. E. Hirsch, Phys. Rev. B 35 , 3359 (Mar 1987).	50%; 3.185
6	“Interaction between Localized Moments in Metals: A Monte Carlo Study”, J. E. Hirsch and H. Q. Lin , Phys. Rev. B 35 , 4943 (Apr 1987).	50%; 3.185
7	“Magnetic Properties of a Degenerate Anderson Impurity”, H. Q. Lin and J. E. Hirsch, Phys. Rev. B 37 , 1864 (Feb 1988).	50%; 3.185
8	“Pairing in the Two-Dimensional Hubbard Model: A Monte Carlo Study”, J. E. Hirsch and H. Q. Lin , Phys. Rev. B 37 , 5070 (Apr 1988).	50%; 3.185
9	“Pairing in the Two-Dimensional Hubbard Model: An Exact Diagonalization Study”, H. Q. Lin , J. E. Hirsch, and D. J. Scalapino, Phys. Rev. B 37 , 7359 (May 1988).	40%; 3.185
10	“The Ground State of the Two-Dimensional Antiferromagnetic Heisenberg Model and the Resonating-Valence-Bond States”, S. Tang and H. Q. Lin , Phys. Rev. B 38 , 6863 (Oct 1988).	50%; 3.185
11	“Ground State Energy of Spin-1/2 and Spin-1 Chain: XY Model”, C. Y. Pan and H. Q. Lin , J. Appl. Phys. 64 , 5932 (Nov 1988).	50%; 2.498
12	“Renormalization Group Study of the Anisotropic and Alternating Heisenberg Antiferromagnets”, H. Q. Lin and C. Y. Pan, J. Physique , C8 , 1415 (Dec 1988).	50%; NA
13	“A Theory of One and Two Holes in Antiferromagnetic CuO_2 ”, D. C. Mattis, C. Y. Pan, and H. Q. Lin , J. Phys.: Condens. Matter 1 , 135 (Jan 1989).	35%; 2.145
14	“Spin-1 XXZ Model on the Square Lattice”, H. Q. Lin and V. J. Emery, Phys. Rev. B 40 (<i>Rapid Comm</i>), 2730 (Aug 1989).	50%; 3.185
15	“Phase Separation in the $t - J$ Model”, V. J. Emery, S. A. Kivelson, and H. Q. Lin , Phys. Rev. Lett. 64 , 475 (Jan 1990).	33%; 7.489
16	“Phase Separation of Holes in Antiferromagnets”, V. J. Emery, S. A. Kivelson, and H. Q. Lin , Physica B 163 , 306 (Apr 1990). (<i>invited</i>)	33%; 0.796
17	“Doped Antiferromagnets in the Weak-Hopping Limit”, S. A. Kivelson, V. J. Emery, and H. Q. Lin , Phys. Rev. B 42 , 6523 (Oct 1990).	30%; 3.185

- 18 “Exact Diagonalization of the Quantum Spin Models”,
H. Q. Lin, Phys. Rev. B **42**, 6561 (Oct 1990). **100%; 3.185**
- 19 “Spin-Spin Correlations in The Spin-1/2 AFH Chain”,
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