

Raymond F Bishop

List of Publications by Year in descending order

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216
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81743

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61
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220
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220
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Frustrated spin- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e2109" altimg="si330.svg" \rangle$ Heisenberg magnet on an $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e2119" altimg="si15.svg" \rangle$ frustrated spin- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.gif" overflow="scroll" \rangle$ Heisenberg antiferromagnet on the cross-striped square lattice. Journal of Magnetism and Magnetic Materials, 2019, 440, 127-132.	1.0	1
2	Non-Hermitian coupled cluster method for non-stationary systems and its interaction-picture reinterpretation. European Physical Journal Plus, 2020, 135, 1.	1.2	16
3	Frustrated spin- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle$ Heisenberg magnet on a square-lattice bilayer: High-order study of the quantum critical behavior of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle$ Physical Review B, 2019, 100, .	1.1	18
4	Non-coplanar Model States in Quantum Magnetism Applications of the High-Order Coupled Cluster Method. Journal of Statistical Physics, 2019, 176, 180-213.	0.5	5
5	Collinear antiferromagnetic phases of a frustrated spin-12 $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.gif" overflow="scroll" \rangle$ Heisenberg model on an AA-stacked bilayer honeycomb lattice. Journal of Magnetism and Magnetic Materials, 2019, 482, 262-273.	1.0	3
6	General approach to quantum mechanics as a statistical theory. Physical Review A, 2019, 99, .	1.0	28
7	Gapped paramagnetic state in a frustrated spin- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.gif" overflow="scroll" \rangle$ Heisenberg antiferromagnet on the cross-striped square lattice. Journal of Magnetism and Magnetic Materials, 2019, 440, 127-132.	1.0	1
8	Low-energy parameters and spin gap of a frustrated spin- s Heisenberg antiferromagnet with $s \leq 3$ over 2 honeycomb lattice. Journal of Physics: Conference Series, 2018, 1041, 012001.	0.3	2
9	Interplay between lattice topology, frustration, and spin quantum number in quantum antiferromagnets on Archimedean lattices. Physical Review B, 2018, 98, .	1.1	19
10	The spin-half XXZ antiferromagnet on the square lattice revisited: A high-order coupled cluster treatment. Journal of Magnetism and Magnetic Materials, 2017, 428, 178-188.	1.0	8
11	Frustrated honeycomb-bilayer Heisenberg antiferromagnet: The spin-12 $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.gif" overflow="scroll" \rangle$ model. Physical Review B, 2017, 95, .	1.1	19
12	High-order study of the quantum critical behavior of a frustrated spin- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle$ antiferromagnet on a stacked honeycomb bilayer. Physical Review B, 2017, 96, .	1.1	14
13	Transverse magnetic susceptibility of a frustrated spin-12 $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.gif" overflow="scroll" \rangle$ Heisenberg antiferromagnet on a bilayer honeycomb lattice. AIP Conference Proceedings, 2017, .	0.3	2
14	Frustrated Heisenberg antiferromagnet on the honeycomb lattice with spin quantum numbers $s \leq 1$. Journal of Physics: Conference Series, 2016, 702, 012001.	0.3	7
15	Ground-state phases of the spin- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle$ antiferromagnet on the honeycomb lattice. Physical Review B, 2016, 93, .	1.1	17
16	Large- s expansions for the low-energy parameters of the honeycomb-lattice Heisenberg antiferromagnet with spin quantum number s . Journal of Magnetism and Magnetic Materials, 2016, 407, 348-357.	1.0	9
17	Frustrated Heisenberg antiferromagnet on the honeycomb lattice: Spin gap and low-energy parameters. Physical Review B, 2015, 92, .	1.1	32
18	Ground-state phase structure of the spin- $\frac{1}{2}$ anisotropic planar pyrochlore. Journal of Physics Condensed Matter, 2015, 27, 386002.	0.7	1

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19	Spin-gap study of the s_{spin}^2 ext ₁ ext ₂ model on the triangular lattice. Europhysics Letters, 2015, 112, 67002.	0.7	11
20	Foundations of quantum optics: a basis for the new quantum technologies. Contemporary Physics, 2015, 56, 381-384.	0.8	0
21	Quasiclassical magnetic order and its loss in a spin- $\frac{1}{2}$ antiferromagnet on a triangular lattice with competing bonds. Physical Review B, 2015, 91, .		
22	A frustrated spin-1 Heisenberg antiferromagnet: An anisotropic planar pyrochlore model. Journal of Physics: Conference Series, 2014, 529, 012008.	0.3	1
23	Quantum states on Archimedean lattices: The route from semiclassical magnetic order to nonmagnetic quantum states. Physical Review B, 2014, 89, .	1.1	49
24	Phase diagram of a frustrated spin-1 J1-J2XXZ model on the honeycomb lattice. Physical Review B, 2014, 89, .	1.1	20
25	Frustrated spin-1 J1-J2XXZ model on the honeycomb lattice. Physical Review B, 2014, 89, .		
26	Highly frustrated spin-lattice models of magnetism and their quantum phase transitions: A microscopic treatment via the coupled cluster method. , 2014, .		7
27	THE COUPLED-CLUSTER APPROACH TO QUANTUM MANY-BODY PROBLEM IN A THREE-HILBERT-SPACE REINTERPRETATION. Acta Polytechnica, 2014, 54, 85-92.	0.3	6
28	Valence-bond crystalline order in the $s=1/2$ J1-J2 model on the honeycomb lattice. Journal of Physics Condensed Matter, 2013, 25, 306002.	0.7	26
29	Spin-1/2 J1-J2 model on the honeycomb lattice. Journal of Physics Condensed Matter, 2013, 25, 306002.		
30	Complete phase diagram of the spin-1/2 J1-J2 model on a cross-stripped square lattice. Physical Review B, 2013, 88, .		
31	Frustrated spin-1/2 Heisenberg antiferromagnet on a chevron-square lattice. Physical Review B, 2013, 88, .	1.1	11
32	The frustrated Heisenberg antiferromagnet on the honeycomb lattice: $s=1/2$ J1-J2 model. Journal of Physics Condensed Matter, 2012, 24, 236002.	0.7	47
33	Complete phase diagram of the spin-1/2 J1-J2 model on a cross-stripped square lattice. Physical Review B, 2013, 88, .		
34	Frustrated Heisenberg antiferromagnet on a chevron-square lattice. Physical Review B, 2013, 88, .	1.1	25
35	Spin-1/2 J1-J2 model on the honeycomb lattice. Journal of Physics Condensed Matter, 2012, 24, 236002.	1.1	27
36	Spin-1/2 J1-J2 model on the honeycomb lattice. Journal of Physics Condensed Matter, 2012, 24, 236002.	1.1	26
37	Complete phase diagram of the spin-1/2 J1-J2 model on a cross-stripped square lattice. Physical Review B, 2013, 88, .		
38	Frustrated Heisenberg antiferromagnet on the checkerboard lattice. Physical Review B, 2012, 86, .	1.1	81
39	Spin-1/2 J1-J2 model on the honeycomb lattice. Journal of Physics Condensed Matter, 2012, 24, 236002.	1.1	35

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37	Magnetic order in spin-1 and spin- $\frac{3}{2}$ interpolating square-triangle Heisenberg antiferromagnets. European Physical Journal B, 2012, 85, 1.	0.6	14
38	A frustrated quantum spin-s model on the Union Jack lattice with spins $s \geq 1/2$. European Physical Journal B, 2011, 81, 37-48.	0.6	13
39	Coupled-cluster method: A lattice-path-based subsystem approximation scheme for quantum lattice models. Physical Review A, 2011, 83, .	1.0	12
40	Heisenberg antiferromagnet on the kagome lattice with arbitrary spin: A higher-order coupled cluster treatment. Physical Review B, 2011, 84, .	1.1	86
41	Frustrated Heisenberg antiferromagnet on the honeycomb lattice: A candidate for deconfined quantum criticality. Physical Review B, 2011, 84, .	1.1	59
42	MAGNETIC ORDERING OF ANTIFERROMAGNETS ON A SPATIALLY ANISOTROPIC TRIANGULAR LATTICE. , 2011, , .		0
43	Magnetic order on a frustrated spin- $\frac{1}{2}$ Heisenberg antiferromagnet on the Union Jack lattice. Physical Review B, 2010, 82, .	1.1	29
44	Magnetic order in a spin- $\frac{1}{2}$ interpolating kagome/square Heisenberg antiferromagnet. Physical Review B, 2010, 82, .	1.1	19
45	MAGNETIC ORDERING OF ANTIFERROMAGNETS ON A SPATIALLY ANISOTROPIC TRIANGULAR LATTICE. International Journal of Modern Physics B, 2010, 24, 5011-5026.	1.0	3
46	Magnetic order in a spin- $\frac{1}{2}$ interpolating square-triangle Heisenberg antiferromagnet. Physical Review B, 2009, 79, .	1.1	69
47	The ground-state magnetic ordering of the spin-1/2 frustrated J ₁ -J ₂ model on the square lattice. Journal of Physics: Conference Series, 2009, 145, 012049.	0.3	11
48	High-Order Coupled Cluster Method (CCM) Calculations for Quantum Magnets with Valence-Bond Ground States. Journal of Statistical Physics, 2009, 135, 175-198.	0.5	24
49	The quantum J ₁ -J ₂ spin-1 Heisenberg model: Influence of the interchain coupling on the ground-state magnetic ordering in 2D. Europhysics Letters, 2008, 83, 47004.	0.7	30
50	ODD AND EVEN BEHAVIOR WITH LSUBm APPROXIMATION LEVEL IN HIGH-ORDER COUPLED CLUSTER METHOD (CCM) CALCULATIONS. International Journal of Modern Physics B, 2008, 22, 3369-3379.	1.0	15
51	The effect of anisotropy on the ground-state magnetic ordering of the spin-1 quantum J ₁ -J ₂ model on the square lattice. Journal of Physics Condensed Matter, 2008, 20, 415213.	0.7	18
52	The quantum J ₁ -J ₂ spin-1/2 Heisenberg model: influence of the interchain coupling on the ground-state magnetic ordering in two dimensions. Journal of Physics Condensed Matter, 2008, 20, 255251.	0.7	51
53	Effect of anisotropy on the ground-state magnetic ordering of the spin-half quantum $\frac{1}{2}$ model on the square lattice. Physical Review B. 2008, 78, .	1.1	63
54	THE SPIN-1/2 AND SPIN-1 QUANTUM J ₁ -J ₂ HEISENBERG MODELS ON THE SQUARE LATTICE. , 2008, , .		0

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55	THERMAL COHERENT STATES, A BROADER CLASS OF MIXED COHERENT STATES, AND GENERALIZED THERMO-FIELD DYNAMICS. International Journal of Modern Physics B, 2007, 21, 2529-2545.	1.0	2
56	FRUSTRATED QUANTUM ANTIFERROMAGNETS: APPLICATION OF HIGH-ORDER COUPLED CLUSTER METHOD. International Journal of Modern Physics B, 2007, 21, 2273-2288.	1.0	16
57	FRUSTRATED QUANTUM ANTIFERROMAGNETS: APPLICATION OF HIGH-ORDER COUPLED CLUSTER METHOD. , 2007, , .		1
58	THERMAL COHERENT STATES, A BROADER CLASS OF MIXED COHERENT STATES, AND GENERALIZED THERMO-FIELD DYNAMICS. , 2007, , .		0
59	TOWARDS A COUPLED-CLUSTER TREATMENT OF SU(N) LATTICE GAUGE FIELD THEORY. , 2006, , .		0
60	MICROSCOPIC CALCULATIONS OF QUANTUM PHASE TRANSITIONS IN FRUSTRATED MAGNETIC LATTICES. International Journal of Modern Physics B, 2006, 20, 2612-2623.	1.0	0
61	TOWARDS A COUPLED-CLUSTER TREATMENT OF SU(N) LATTICE GAUGE FIELD THEORY. International Journal of Modern Physics B, 2006, 20, 4992-5007.	1.0	5
62	MICROSCOPIC CALCULATIONS OF QUANTUM PHASE TRANSITIONS IN FRUSTRATED MAGNETIC LATTICES. , 2006, , .		0
63	The coupled cluster method applied to quantum magnetism. Lecture Notes in Physics, 2004, , 307-348.	0.3	38
64	A TRIBUTE TO HERMANN KÄœMMEL ON HIS 80TH BIRTHDAY. International Journal of Modern Physics B, 2003, 17, 5295-5309.	1.0	1
65	FOREWORD BY THE EDITORS. International Journal of Modern Physics B, 2003, 17, xvii-xvii.	1.0	0
66	Coupled cluster theory of strongly correlated spin- and electron-lattice systems: an illustration via a model exhibiting competition between magnetic order and dimerization. Journal of Physics A, 2003, 36, 9143-9153.	1.6	0
67	Bogoliubov transformations and exact isolated solutions for simple nonadiabatic Hamiltonians. Journal of Mathematical Physics, 2002, 43, 3916-3926.	0.5	35
68	Translationally invariant coupled cluster method in coordinate space for nuclei. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 1209-1222.	1.4	5
69	Exact isolated solutions for the two-photon Rabi Hamiltonian. Journal of Physics A, 2002, 35, 8231-8241.	1.6	48
70	Coupled Cluster Method Calculations of Quantum Magnets with Spins of General Spin Quantum Number. Journal of Statistical Physics, 2002, 108, 401-428.	0.5	39
71	A TRIBUTE TO HERMANN KÄœMMEL ON HIS 80TH BIRTHDAY. , 2002, , .		0
72	MARSHALL-PEIERLS SIGN RULES, THE QUANTUM MONTE CARLO METHOD, AND FRUSTRATION. International Journal of Modern Physics B, 2001, 15, 1736-1739.	1.0	1

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73	Coupled cluster treatment of an interpolating triangle-kagomé antiferromagnet. <i>Physical Review B</i> , 2001, 63, .	1.1	48
74	QUANTUM PHASE TRANSITIONS IN SPIN SYSTEMS. , 2001, , .		3
75	HIGH-ORDER COUPLED CLUSTER RESULTS FOR QUANTUM ANTIFERROMAGNETS AND THEIR PHASE TRANSITIONS. <i>International Journal of Modern Physics B</i> , 2001, 15, 1385-1388.	1.0	0
76	SIMPLE APPROXIMATIONS FOR THE PSEUDO-JAHN-TELLER HAMILTONIAN USING THE COUPLED CLUSTER METHOD. <i>International Journal of Modern Physics B</i> , 2001, 15, 1728-1731.	1.0	0
77	Time evolution of the Rabi Hamiltonian from the unexcited vacuum. <i>Journal of Physics A</i> , 2001, 34, 5635-5651.	1.6	24
78	High-order coupled-cluster method for general spin-lattice problems: An illustration via the anisotropic Heisenberg model. <i>Physical Review B</i> , 2001, 64, .	1.1	28
79	Quantum phase transitions and the extended coupled cluster method. <i>Physical Review E</i> , 2001, 63, 037103.	0.8	1
80	Toward a Many-Body Treatment of Hamiltonian Lattice SU(N) Gauge Theory. <i>Annals of Physics</i> , 2000, 284, 215-262.	1.0	23
81	The translationally-invariant coupled cluster method in coordinate space. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 480, 61-64.	1.5	6
82	A many-body treatment of Hamiltonian lattice gauge theory. <i>Nuclear Physics A</i> , 2000, 663-664, 983c-986c.	0.6	6
83	A Hamiltonian many-body approach to SU(N) lattice gauge theory. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000, 83-84, 956-958.	0.5	0
84	AB INITIO TREATMENTS OF THE ISING MODEL IN A TRANSVERSE FIELD. <i>International Journal of Modern Physics B</i> , 2000, 14, 1517-1536.	1.0	3
85	Quantum phase transitions of a square-lattice Heisenberg antiferromagnet with two kinds of nearest-neighbor bonds: A high-order coupled-cluster treatment. <i>Physical Review B</i> , 2000, 61, 14607-14615.	1.1	79
86	Sign rules for anisotropic quantum spin systems. <i>Physical Review B</i> , 2000, 61, 6775-6779.	1.1	7
87	Simple accurate coupled cluster results for the linear EâŠ—e pseudo-Jahnâ€Teller effect. <i>Journal of Chemical Physics</i> , 2000, 113, 4008-4015.	1.2	2
88	High-order coupled cluster method calculations for the ground- and excited-state properties of the spin-halfXXZmodel. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 6887-6902.	0.7	62
89	HIGH-ORDER COUPLED CLUSTER RESULTS FOR QUANTUM ANTIFERROMAGNETS AND THEIR PHASE TRANSITIONS. , 2000, , .		0
90	SIMPLE APPROXIMATIONS FOR THE PSEUDO-JAHN-TELLER HAMILTONIAN USING THE COUPLED CLUSTER METHOD. , 2000, , .		0

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91	MARSHALL-PEIERLS SIGN RULES, THE QUANTUM MONTE CARLO METHOD, AND FRUSTRATION. , 2000, , .		1
92	Microscopic and translationally-invariant calculations with tensor forces and tensor correlations. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 945-947.	1.4	4
93	Ab initio simulation of the nodal surfaces of Heisenberg antiferromagnets. Physical Review B, 1999, 59, 1000-1007.	1.1	14
94	Extended coupled-cluster treatment of correlations in quantum magnets. Physical Review B, 1999, 60, 4030-4042.	1.1	12
95	Variational results for the Rabi Hamiltonian. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 254, 215-224.	0.9	11
96	AB INITIO CALCULATIONS FOR THE SQUARE-LATTICE ANISOTROPIC HEISENBERG MODEL. International Journal of Modern Physics B, 1999, 13, 709-719.	1.0	1
97	Jastrow-Correlated Configuration-Interaction Description of Light Nuclei. Few-Body Systems, 1999, , 53-56.	0.2	2
98	An Efficient Implementation of High-Order Coupled-Cluster Techniques Applied to Quantum Magnets. Journal of Statistical Physics, 1998, 90, 327-361.	0.5	114
99	The ground state of the nonlinear sigma model $O(4)_{3+1}$. Nuclear Physics, Section B, Proceedings Supplements, 1998, 63, 667-669.	0.5	1
100	A Coupled-Cluster Formulation of Hamiltonian Lattice Field Theory: The Nonlinear Sigma Model. Annals of Physics, 1998, 267, 97-133.	1.0	16
101	Translationally invariant treatment of pair correlations in nuclei II. Tensor correlations. Nuclear Physics A, 1998, 643, 243-258.	0.6	21
102	Quantum systems at negative temperatures: a holomorphic approach based on coherent states. Journal of Physics A, 1998, 31, 8563-8575.	1.6	10
103	Phase transitions in the spin-half J_1 - J_2 model. Physical Review B, 1998, 58, 6394-6402.	1.1	81
104	An ab initio coupled cluster theory of quantum spin lattices and their quantum critical behaviour. Molecular Physics, 1998, 94, 73-85.	0.8	1
105	The Coupled Cluster Method Applied to the Spin-Half XXZ Model on the Honeycomb Lattice. International Journal of Modern Physics B, 1998, 12, 2371-2383.	1.0	5
106	The coupled cluster method. , 1998, , 1-70.		38
107	Accurate calculations of $U(1)$ lattice gauge theory. Nuclear Physics, Section B, Proceedings Supplements, 1997, 53, 834-837.	0.5	5
108	Translationally invariant treatment of pair correlations in nuclei: I. Spin and isospin dependent correlations. Nuclear Physics A, 1996, 609, 218-236.	0.6	34

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109	A microscopic study of the quantum critical behavior of the spin-1/2 anisotropic Heisenberg models. International Journal of Quantum Chemistry, 1996, 57, 919-927.	1.0	5
110	Quantum phase transition in square- and triangular-lattice spin- $\hat{A}1/2$ antiferromagnets. Physical Review B, 1996, 53, 9168-9171.	1.1	8
111	Application of the coupled cluster method to the Jaynes-Cummings model without the rotating-wave approximation. Physical Review A, 1996, 54, R4657-R4660.	1.0	26
112	Coupled cluster analysis of the U(1) lattice gauge model using a correlated "mean-field" reference state. Physical Review D, 1996, 53, 2610-2618.	1.6	17
113	Dirac's contour representation in thermofield dynamics. Physical Review A, 1996, 53, R1205-R1208.	1.0	16
114	The coupled-cluster method applied to theXXZmodel using a planar model state. Journal of Physics Condensed Matter, 1996, 8, 11153-11165.	0.7	10
115	A microscopic coupled-cluster treatment of electronic correlations in Hubbard models. International Journal of Quantum Chemistry, 1995, 55, 181-186.	1.0	7
116	Inter-plaquette correlations in U(1) Hamiltonian lattice gauge system. Nuclear Physics, Section B, Proceedings Supplements, 1995, 42, 817-819.	0.5	2
117	Displaced negative-binomial mixed states: Generalized thermo-field-dynamics. Physical Review A, 1995, 51, 2353-2360.	1.0	14
118	An application of the coupled-cluster method to the S= 1/2 triangular-lattice antiferromagnet. Journal of Physics Condensed Matter, 1995, 7, 9021-9048.	0.7	6
119	Microscopic Theories of Quantum Lattice Systems. , 1995, , 195-235.		2
120	A Nonperturbative Microscopic Theory of Hamiltonian Lattice Gauge Systems. , 1995, , 237-248.		1
121	Systematic Inclusion of High-Order Multispin Correlations for the Spin- $\hat{A}1/2$ XXZModels. Physical Review Letters, 1994, 73, 3157-3160.	2.9	63
122	The coupled cluster theory of quantum lattice systems. International Journal of Quantum Chemistry, 1994, 52, 155-172.	1.0	1
123	A many-body approach to Hamiltonian lattice gauge field theories. Nuclear Physics, Section B, Proceedings Supplements, 1994, 34, 808-810.	0.5	2
124	Displaced and squeezed parity operator: Its role in classical mappings of quantum theories. Physical Review A, 1994, 50, 4488-4501.	1.0	68
125	Thermal coherent states in the Bargmann representation. Physical Review A, 1994, 50, 3331-3339.	1.0	29
126	Independent-Cluster Parametrizations of Wave Functions in Model Field Theories. Annals of Physics, 1993, 227, 275-333.	1.0	21

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127	Independent-Cluster Parametrizations of Wave Functions in Model Field Theories. <i>Annals of Physics</i> , 1993, 227, 334-380.	1.0	18
128	The spin-one Heisenberg-biquadratic quantum spin chain treated by the coupled-cluster method. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 9169-9184.	0.7	17
129	Translationally invariant clusters in coordinate space: higher-order clusters and the Gaussian expansion basis. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1993, 19, 1163-1178.	1.4	5
130	Correlations in Abelian lattice gauge field models: A microscopic coupled-cluster treatment. <i>Physical Review D</i> , 1993, 48, 887-901.	1.6	32
131	A Coupled Cluster Study of Abelian Lattice Gauge Field Theories. , 1993, , 269-290.		0
132	Translationally invariant clusters in coordinate space: an Euler-Lagrange approach. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1992, 18, 1157-1176.	1.4	11
133	Diffusion Monte Carlo determination of the binding energy of the ^4He nucleus for model Wigner potentials. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1992, 18, L21-L27.	1.4	13
134	A systematic localized approximation scheme for the coupled-cluster treatment of quantum spin systems. <i>Journal of Physics Condensed Matter</i> , 1992, 4, 5783-5794.	0.7	10
135	Coupled-cluster calculations of quantum XXZ models with a general spin. <i>Physical Review B</i> , 1992, 46, 880-888.	1.1	30
136	Correlations in Quantum Spin Chains and Lattices: A Fully Microscopic Many-Body Approach. , 1992, , 117-133.		2
137	Independent-cluster parametrizations of wave functions in model field theories. I. Introduction to their holomorphic representations. <i>Annals of Physics</i> , 1991, 207, 171-217.	1.0	57
138	A holomorphic representation approach to the regularization of model field theories in coupled cluster form. <i>Theoretica Chimica Acta</i> , 1991, 80, 289-305.	0.9	8
139	An overview of coupled cluster theory and its applications in physics. <i>Theoretica Chimica Acta</i> , 1991, 80, 95-148.	0.9	289
140	A coupled-cluster study of the ground-state energy and properties of an anisotropic quantum spin lattice model exhibiting antiferromagnetism in various phases. <i>Theoretica Chimica Acta</i> , 1991, 80, 181-205.	0.9	14
141	Independent clusters in coordinate space: an efficient alternative to shell-model expansion. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1991, 17, 857-864.	1.4	10
142	Coupled-cluster treatments of correlations in quantum antiferromagnets. <i>Physical Review B</i> , 1991, 44, 9425-9443.	1.1	84
143	Many-body correlations in quantum antiferromagnets: A microscopic coupled-cluster approach. <i>Physical Review B</i> , 1991, 43, 13782-13785.	1.1	57
144	Variational Cluster Methods in Coordinate Space for Small Systems: Center of Mass Corrections Made Easy. , 1991, , 405-416.		3

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145	Quantum Spin Lattice Models: A Coupled-Cluster Treatment. , 1991, , 37-62.		1
146	Correlations in extended systems: A microscopic multilocal method for describing both local and global properties. International Journal of Quantum Chemistry, 1990, 38, 197-211.	1.0	41
147	On large-scale shell model calculations in ^4He . Journal of Physics G: Nuclear and Particle Physics, 1990, 16, L61-L66.	1.4	15
148	Holomorphic representation of a set of supercoherent canonical coordinates for a quantum oscillator with $2K$ anharmonicity. Physical Review Letters, 1990, 64, 111-114.	2.9	22
149	Translationally invariant coupled cluster theory for simple finite systems. Physical Review C, 1990, 42, 1341-1360.	1.1	46
150	Quantum many-particle systems. Contemporary Physics, 1990, 31, 131-134.	0.8	0
151	On the Bargmann Space Approach to the Extended Coupled Cluster Method for Simple Anharmonic Systems. , 1990, , 295-308.		1
152	Extended Coupled Cluster Techniques for Excited States: Applications to Quasispin Models. , 1990, , 327-340.		0
153	Coupled Cluster Parametrizations of Model Field Theories and their Bargmann-Space Representations. , 1990, , 193-207.		0
154	Translationally-Invariant Coupled Cluster Theory Applied to the ^4He Nucleus. , 1990, , 253-263.		0
155	Nonuniqueness in the energy spectra of anharmonic oscillators using the coupled-cluster method. Physical Review A, 1989, 40, 3484-3497.	1.0	28
156	Paths to optimization in the multistate Rayleigh-Ritz variational method: Applications to the double-well quantum anharmonic oscillator. Physical Review A, 1989, 40, 6154-6168.	1.0	21
157	Perturbation theory without unperturbed solutions. Physical Review A, 1989, 39, 5336-5349.	1.0	16
158	Extended coupled-cluster method. IV. An excitation energy functional and applications to the Lipkin model. Physical Review A, 1989, 40, 4256-4276.	1.0	16
159	Phase-admixed states: Coherence and incoherence. Physical Review A, 1989, 39, 214-220.	1.0	13
160	Statistical field theory. Contemporary Physics, 1989, 30, 137-140.	0.8	0
161	Dynamic Variational Principles and Extended Coupled Cluster Techniques. Lecture Notes in Quantum Chemistry II, 1989, , 79-100.	0.3	14
162	Quantum Fluid Dynamics: An Extended Coupled Cluster Treatment. Lecture Notes in Quantum Chemistry II, 1989, , 241-260.	0.3	1

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