

Partially Solvable Pair-Coupling Models with Seniority-

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Restoration of particle number as a good quantum number in BCS theory. Nuclear Physics A, 2001, 691, 691-709.	0.6	3
2	Interplay of pairing and multipole interactions in a simple model. Physical Review C, 2002, 65, .	1.1	16
3	Partial dynamical symmetry in the symplectic shell model. Physical Review C, 2002, 65, .	1.1	16
4	Seniority-conserving forces and $U_{Sp}(2j+1)$ partial dynamical symmetry. Physical Review C, 2003, 67, .	1.1	37
5	Companion problems in quasispin and isospin. Physical Review C, 2005, 71, .	1.1	10
6	Seniority conservation and seniority violation in the $g_{9/2}$ shell. Physical Review C, 2006, 73, .	1.1	50
7	Partial Conservation of Seniority and Nuclear Isomerism. Physical Review Letters, 2008, 100, 052501.	2.9	59
8	Partial Dynamical Symmetry in Quantum Hamiltonians with Higher-Order Terms. Physical Review Letters, 2009, 102, 112502.	2.9	39
9	Energy expressions for n and $n-3$ systems in a single- j shell. Physical Review C, 2010, 82, .	1.1	20
10	Alternate proof of the Rowe-Rosensteel proposition and seniority conservation. Physical Review C, 2010, 82, .	1.1	21
11	Shape coexistence in atomic nuclei. Reviews of Modern Physics, 2011, 83, 1467-1521.	16.4	782
12	Partial dynamical symmetries. Progress in Particle and Nuclear Physics, 2011, 66, 93-143.	5.6	60
13	PARTIAL CONSERVATION OF SENIORITY IN NUCLEI. International Journal of Modern Physics E, 2011, 20, 191-198.	0.4	9
14	Eigen-Property of Single- j System and Seniority Conservation Condition. Plasma Science and Technology, 2012, 14, 383-385.	0.7	1
15	Dual pairing of symmetry and dynamical groups in physics. Reviews of Modern Physics, 2012, 84, 711-757.	16.4	62
16	Multistep shell model description of spin-aligned neutron-proton pair coupling. Nuclear Physics A, 2012, 877, 51-58.	0.6	31
17	Partial dynamical symmetry as a selection criterion for many-body interactions. Physical Review C, 2013, 87, .	1.1	22
18	Seniority in quantum many-body systems. I. Identical particles in a single shell. Annals of Physics, 2014, 349, 73-99.	1.0	30

#	ARTICLE	IF	CITATIONS
19	Linking partial and quasi dynamical symmetries in rotational nuclei. Physical Review C, 2014, 89, .	1.1	19
20	Nucleon-pair approximation to the nuclear shell model. Physics Reports, 2014, 545, 1-45.	10.3	57
21	Partial dynamical symmetry in Bose-Fermi systems. Physical Review C, 2015, 92, .	1.1	9
22	Partial dynamical symmetries and shape coexistence in nuclei. Physica Scripta, 2017, 92, 114005.	1.2	10
23	Partial conservation of seniority and its unexpected influence on E2 transitions in g 9/2 nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 616-619.	1.5	15
24	Effect of Nucleon Pairing in the Spectra of N = 50 Isotones. Bulletin of the Russian Academy of Sciences: Physics, 2018, 82, 697-701.	0.1	1
25	Coexisting partial dynamical symmetries and multiple shapes. Journal of Physics: Conference Series, 2018, 1071, 012014.	0.3	2
26	Partial seniority conservation and solvability of single- j systems. Lifetime Measurements of Excited States in	1.1	10
27	and the Variation of Quadrupole Transition Strength with Angular Momentum. Physical Review Letter	2.9	24
28	Nucleon-pair wave functions in a single- j shell. Physical Review C, 2019, 100, .	1.1	3
29	Total number of J levels for identical particles in a single- j shell using coefficients of fractional parentage. Physical Review C, 2019, 99, .	1.1	4
30	SU(3) partial dynamical symmetry and nuclear shapes. European Physical Journal: Special Topics, 2020, 229, 2405-2427.	1.2	2
31	Isospin Properties of Nuclear Pair Correlations from the Level Structure of the Self-Conjugate Nucleus Ru	2.9	24
32	Physical Review Letters, 2020, 124, 062501.		
32	Partial dynamical symmetry from energy density functionals. Physical Review C, 2021, 104, .	1.1	2
33	Symmetry in Nuclear Physics: The Shell Model. Springer Tracts in Modern Physics, 2019, , 31-70.	0.1	0
34	Seniority and configurations in neutron-rich Nickel isotopes *. Chinese Physics C, 2022, 46, 074102.	1.5	1
35	Shell Model Approaches: From $N=Z$ Towards the Neutron Drip Line. Lecture Notes in Physics, 2022, , 1-41.	0.3	0
36	Evidence of Partial Seniority Conservation in the ^{58}Ni Shell for the ^{58}Ni Isoton	2.9	8

#	ARTICLE	IF	CITATIONS
37	Observation of the proton emitter ${}_{57}^{116}\text{La}$. Communications Physics, 2022, 5, .	2.0	3
38	Algebraic Models of Nuclei. , 2022, , 1-35.		0
40	Algebraic Models of Nuclei. , 2023, , 2045-2079.		0
42	Seniority isomers and particle-hole conjugation. European Physical Journal: Special Topics, 0, , .	1.2	0