

SCI Papers of ITP in 1998

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	A constructive index theorem, phase operators, and phase-difference operators	Yu, SX; Zhang, YD	JOURNAL OF MATHEMATICAL PHYSICS	1998	39	10	5260-5267	http://dx.doi.org/10.1063/1.532569
2	A new estimate for the dispersion velocity of galactic dark matter particles	Zhu, ZH; Wu, JH; Zhang, YZ	CHINESE PHYSICS LETTERS	1998	15	8	617-619	http://dx.doi.org/10.1088/0256-307X/15/8/027
3	A possible unification model for all basic forces	Wu, YL; Zhou, GZ	SCIENCE IN CHINA SERIES A-MATHEMATICS PHYSICS ASTRONOMY	1998	41	3	324-329	http://dx.doi.org/10.1007/BF02879052
4	A QCD-inspired model for the deuteron form factors in the intermediate-Q(2)	Wu, HF; Cao, J	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	3	437-442	
5	Algebraic expressions for O(N)superset of O(N-1) reduction factors for the three-rowed irreducible representations	Sun, HZ; Ruan, D	JOURNAL OF MATHEMATICAL PHYSICS	1998	39	1	630-649	http://dx.doi.org/10.1063/1.532339
6	Algebraic expressions for some SO(N) Racah coefficients	Ruan, D; Sun, HZ	JOURNAL OF MATHEMATICAL PHYSICS	1998	39	11	6225-6240	http://dx.doi.org/10.1063/1.532626
7	An integral algorithm for numerical integration of one-dimensional additive colored noise problems	Bao, JD; Abe, Y; Zhuo, YZ	JOURNAL OF STATISTICAL PHYSICS	1998	90	3-4	1037-1045	http://dx.doi.org/10.1023/A:1023201725795
8	Analytical expressions for electromagnetic transition rates in the SU(3) limit of the spdf interacting boson model	Long, GL; Shen, TY; Ji, HY; Zhao, EG	PHYSICAL REVIEW C	1998	57	5	2301-2307	http://dx.doi.org/10.1103/PhysRevC.57.2301
9	Anomalous resonance of the symmetric single-impurity Anderson model in the presence of pairing fluctuations	Zhang, GM; Yu, L	PHYSICAL REVIEW LETTERS	1998	81	19	4192-4195	http://dx.doi.org/10.1103/PhysRevLett.81.4192
10	B -> X-s tau(+) tau(-) in the flipped SU(5) model	Huang, CS; Yan, QS	PHYSICS LETTERS B	1998	442	1-4	209-216	http://dx.doi.org/10.1016/S0370-2693(98)01268-4
11	Bending and twisting elasticity: A revised Marko-Siggia model on DNA chirality	Zhou, HJ; Ou-Yang, ZC	PHYSICAL REVIEW E	1998	58	4	4816-4819	http://dx.doi.org/10.1103/PhysRevE.58.4816
12	Bifurcations in the periodic orbit sum: multiple windings	de Almeida, AMO; Zheng, WM	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1998	31	23	L441-L444	http://dx.doi.org/10.1088/0305-4470/31/23/002
13	Bloch wave oscillation and Coulomb blockade in mesoscopic electric circuits	Chen, B; Chen, LJ; Han, RS	PHYSICS LETTERS A	1998	246	5	446-450	http://dx.doi.org/10.1016/S0375-9601(98)00482-4
14	Bond-versus-site doping models for the off-chain-doped Haldane-gap system	Lou, JZ; Qin, SJ; Su, ZB; Yu, L	PHYSICAL REVIEW B	1998	58	19	12672-12675	http://dx.doi.org/10.1103/PhysRevB.58.12672
15	Bose-Einstein condensation in harmonic oscillator potentials	Yi, XX; Wang, HJ; Sun, CP	PHYSICA SCRIPTA	1998	57	3	324-326	http://dx.doi.org/10.1088/0031-8949/57/3/002
16	Boson-boson stars and their gravitational redshifts	Deng, CX; Huang, CG	PHYSICS LETTERS B	1998	441	1-4	285-290	http://dx.doi.org/10.1016/S0370-2693(98)01120-4
17	Bound state in a one-dimensional quantum sine-Gordon model	Yuan, QS; Chen, YG; Chen, H; Zhang, YM	PHYSICAL REVIEW B	1998	57	3	1324-1327	http://dx.doi.org/10.1103/PhysRevB.57.1324
18	Boundary K matrices and the Lax pair for one-dimensional open XYZ spin-chain	Ju, GX; Wang, SK; Wu, K; Xiong, C	INTERNATIONAL JOURNAL OF MODERN PHYSICS	1998	13	24	4213-4226	http://dx.doi.org/10.1142/S0217751X98002006
19	Broer-Kaup systems from Darboux transformation related symmetry constraints of Kadomtsev-Petviashvili	Lou, SY; Hu, XB	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	1	145-148	
20	Calculation of some properties of pi and sigma mesons in the global color	Lu, XF; Liu, YX; Zong, HS; Zhao, EG	PHYSICAL REVIEW C	1998	58	2	1195-1204	http://dx.doi.org/10.1103/PhysRevC.58.1195
21	Chaotic motion of a nucleon in heavy nuclei with necked-in shape	Gu, JZ; Wu, XZ; Zhou, YZ; Zhao, EG	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	4	551-556	
22	Characterization of pattern formation from modulation instability in the cubic Schrodinger equation	Long, T; He, XT	CHINESE PHYSICS LETTERS	1998	15	9	659-661	http://dx.doi.org/10.1088/0256-307X/15/9/013
23	Chiral extension of standard model and R-c, R-b problems	Liu, YY; Sun, LZ; Zhang, ZP; Jiang, XD	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	4	609-614	
24	Classical dynamics of a nucleon in heavy nuclei	Gu, JZ; Zhao, EG; Zhuo, YZ; Wu, XZ; Zong, HS	CHINESE PHYSICS LETTERS	1998	15	5	318-320	http://dx.doi.org/10.1088/0256-307X/15/5/003
25	Classically dynamical behaviour of a nucleon in heavy nuclei	Gu, JZ; Zhao, EG; Zhuo, YZ; Wu, XZ; Zong, HS	EUROPEAN PHYSICAL JOURNAL A	1998	2	2	115-121	http://dx.doi.org/10.1007/s100500050099
26	Clustering bifurcation and spatiotemporal intermittency in rf-driven Josephson junction series arrays	Xie, F; Cerdeira, HA	INTERNATIONAL JOURNAL OF BIFURCATION AND	1998	8	8	1713-1718	http://dx.doi.org/10.1142/S021812749800139X
27	Coherent effects induced by dc-ac fields in semiconductor superlattices: the signature of fractional Wannier-Stark ladders	Yan, WX; Zhao, XG; Wang, H	JOURNAL OF PHYSICS-CONDENSED MATTER	1998	10	1	L11-L17	http://dx.doi.org/10.1088/0953-8984/10/1/002
28	Contribution of Fock term to properties of exotic nuclei	Chen, BQ; Ma, ZY	CHINESE PHYSICS LETTERS	1998	15	9	636-638	http://dx.doi.org/10.1088/0256-307X/15/9/005
29	Contribution of the sigma meson exchange to pionic double charge	Lu, XF; Zou, BS; Ding, HM; Liu, YX; Zhao, EG	EUROPEAN PHYSICAL JOURNAL A	1998	3	4	377-380	http://dx.doi.org/10.1007/s100500050192
30	Cosmological constraint revisited from Kappa band galactic counts	Xu, W; Yu, YQ; Zhou, GR	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	2	275-280	
31	Couplings of pions with heavy baryons from light-cone QCD sum rules in the leading order of HQET	Zhu, SL; Dai, YB	PHYSICS LETTERS B	1998	429	1-2	72-78	http://dx.doi.org/10.1016/S0370-2693(98)00436-5
32	DCC size effects on pion spectrum distribution	Zhang, QH; Chao, WQ; Gao, CS	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	1	67-72	
33	Decay Lambda(b)-> p(l)nu over-bar in QCD sum rules	Huang, CS; Qiao, CF; Yan, HG	PHYSICS LETTERS B	1998	437	3-4	403-407	http://dx.doi.org/10.1016/S0370-2693(98)00909-5

34	Decay widths of B-1 and B-2(*) up to the order $O(1/m(Q))$ in HQET	Dai, YB; Zhu, SL	PHYSICAL REVIEW D	1998	58	7	74009	http://dx.doi.org/10.1103/PhysRevD.58.074009
35	Decay widths of excited heavy mesons from QCD sum rules at the leading order	Dai, YB; Huang, CS; Huang, MQ; Jin, HY; Liu, L	PHYSICAL REVIEW D	1998	58	9	94032	http://dx.doi.org/10.1103/PhysRevD.58.094032
36	Decay widths of excited heavy mesons from QCD sum rules in the infinite mass limit	Dai, YB	INTERNATIONAL CONFERENCE ON PHYSICS SINCE PARITY SYMMETRY BREAKING: IN MEMORY OF PROFESSOR	1998			409-416	
37	Decay widths of excited heavy mesons from quantum chromodynamics sum rules in the infinite mass limit	Dai, YB; Huang, CS; Huang, MQ; Jin, HY; Liu, C	CHINESE PHYSICS LETTERS	1998	15	8	558-560	http://dx.doi.org/10.1088/0256-307X/15/8/005
38	Decoherence and relevant universality in quantum algorithms via a dynamic theory for quantum measurement	Sun, CP; Zhan, H; Liu, XF	PHYSICAL REVIEW A	1998	58	3	1810-1821	http://dx.doi.org/10.1103/PhysRevA.58.1810
39	Description of the hexadecapole deformation parameter in the sdg	Liu, YX; Sun, D; Wang, JJ; Han, QZ	CHINESE PHYSICS LETTERS	1998	15	4	252-254	http://dx.doi.org/10.1088/0256-307X/15/4/007
40	Description of the structure of Sr88-96 in the IBM	Long, GL; Zhang, JY; Tian, L	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	2	249-256	
41	Description of the turnover of the dynamical moment of inertia of the superdeformed nuclear state	Liu, YX; Song, JG; Sun, HZ; Wang, JJ; Zhao, EG	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	1998	24	1	117-124	http://dx.doi.org/10.1088/0954-3899/24/1/015
42	Detecting determinism in human posture control data	Cao, LY; Kim, BG; Kurths, J; Kim, S	INTERNATIONAL JOURNAL OF BIFURCATION AND	1998	8	1	179-188	http://dx.doi.org/10.1142/S0218127498000139
43	Determination of excited heavy meson masses from QCD sum rules	Dai, YB; Huang, CS; Huang, HQ	FRONTIERS IN QUANTUM FIELD THEORY, PROCEEDINGS OF THE INTERNATIONAL WORKSHOP	1998			33-48	
44	Diffeomorphism invariance of geometric descriptions of Palatini and Ashtekar	Luo, Y; Shao, MX; Zhu, ZY	PHYSICS LETTERS B	1998	419	1-4	37-39	http://dx.doi.org/10.1016/S0370-2693(97)01468-8
45	Differential regularization of some 3-dimensional theories	Chen, WF; Zhu, ZY; Lee, HC	FRONTIERS IN QUANTUM FIELD THEORY, PROCEEDINGS OF THE INTERNATIONAL WORKSHOP	1998			293-306	
46	Disassembly of projectile remnants in a simple dynamics and statistics model	Sa, BH; Zheng, YM; Wang, H; Zhang, XZ	PHYSICAL REVIEW C	1998	58	2	1101-1106	http://dx.doi.org/10.1103/PhysRevC.58.1101
47	Discrete nonlinear excitations on an inhomogeneous lattice in a spatially linear potential	Liu, WM; Liu, K; Zhao, XG	SCIENCE IN CHINA SERIES A-MATHEMATICS PHYSICS ASTRONOMY	1998	41	3	285-295	http://dx.doi.org/10.1007/BF02879047
48	Dissipative quantum tunneling of two-level systems driven by dc-ac fields	Wang, H; Freire, VN; Zhao, XG	PHYSICAL REVIEW E	1998	58	2	2632-2635	http://dx.doi.org/10.1103/PhysRevE.58.2632
49	Drinfeld realization of quantum affine superalgebra $U-q((gl(1/1)))_{\text{over-cap}}$	Cai, JF; Wang, SK; Wu, K; Zhao, WZ	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1998	31	8	1989-1994	http://dx.doi.org/10.1088/0305-4470/31/8/011
50	Dynamic effect of Bloch electrons in time-periodic electric fields	Zhao, XG	SCIENCE IN CHINA SERIES A-MATHEMATICS PHYSICS ASTRONOMY	1998	41	1	64-70	
51	Dynamical and thermal properties of biological membranes	Zhang, LY; Sun, H	MODERN PHYSICS LETTERS B	1998	12	27	1141-1146	http://dx.doi.org/10.1142/S0217984998001335
52	Dynamical origin of the quantum chaotic motion of a single particle in the two-center shell model	Gu, JZ; Zhuo, YZ; Zhao, EG; Wu, XZ; Zong, HS	EUROPEAN PHYSICAL JOURNAL A	1998	3	3	217-223	http://dx.doi.org/10.1007/s100500050171
53	Dynamics of a charged particle on a periodic binary sequence in an external	Bao, SQ; Zhao, XG; Zhang, XW; Yan, WX	PHYSICS LETTERS A	1998	240	4-5	185-190	http://dx.doi.org/10.1016/S0375-9601(98)00042-5
54	Dynamics of two-band semiconductor superlattices driven by static and time-dependent fields	Yan, WX; Zhao, XG; Bao, SQ	PHYSICA B	1998	252	1-2	63-68	http://dx.doi.org/10.1016/S0921-4526(97)00998-8
55	Effective mass of composite fermions and fermionic Chern-Simons theory in the temporal gauge	Yu, Y; Su, ZB; Dai, X	PHYSICAL REVIEW B	1998	57	16	9897-9906	http://dx.doi.org/10.1103/PhysRevB.57.9897
56	Effective scattering time in Zener transition between Bloch bands	Yan, WX; Zhao, XG	CHINESE PHYSICS LETTERS	1998	15	3	213-215	http://dx.doi.org/10.1088/0256-307X/15/3/022
57	Electromagnetic transition form factor of pseudoscalar mesons and eta-eta' mixing	Cao, J; Cao, FG; Huang, T; Ma, BQ	PHYSICAL REVIEW D	1998	58	11	113006	http://dx.doi.org/10.1103/PhysRevD.58.113006
58	Emission spectrum in driven two-level systems	Wang, H; Freire, VN; Zhao, XG	PHYSICAL REVIEW A	1998	58	2	1531-1536	http://dx.doi.org/10.1103/PhysRevA.58.1531
59	Entropy in (1+1)-dimensional black hole	Shen, YG; Chen, DM	INTERNATIONAL JOURNAL OF	1998	37	12	3041-3049	http://dx.doi.org/10.1023/A:1026600300357
60	Entropy of the global monopole black hole in de Sitter backgrounds space-time	Shen, YG; Chen, DM	NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA B-GENERAL PHYSICS RELATIVITY ASTRONOMY AND MATHEMATICAL PHYSICS AND METHODS	1998	113	10	1273-1278	

61	Equations of motion for binary systems with relativistic quadrupole-quadrupole moments interaction	Wu, XJ; He, YJ; Xu, CM	SCIENCE IN CHINA SERIES A-MATHEMATICS PHYSICS ASTRONOMY	1998	41	12	1323-1333	http://dx.doi.org/10.1007/BF02882274
62	Excitonic effect on the electron tunneling through a quantum well	Du, YT; Zhou, H; Lin, TH	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	4	511-514	
63	Fermi surface evolution, pseudogap, and staggered gauge field fluctuations in underdoped cuprates	Dai, X; Su, ZB	PHYSICAL REVIEW LETTERS	1998	81	10	2136-2139	http://dx.doi.org/10.1103/PhysRevLett.81.2136
64	Finite coherent length and multi-pion correlation effects on two-pion interferometry	Zhang, QH; Li, XQ; Gao, CS; Chao, WQ	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	1998	24	1	175-180	http://dx.doi.org/10.1088/0954-3899/24/1/021
65	Finite-size effects on the phase diagram and evolution of strangelets in ultrarelativistic heavy-ion collisions	He, YB; Chao, WQ; Gao, CS; Li, XQ	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	1	59-64	
66	Free boson representation of $DYh(g(N))(k)$ and $DYh(s(N))(k)$	Ding, XM; Hou, BY; Hou, BY; Zhao, L	JOURNAL OF MATHEMATICAL PHYSICS	1998	39	4	2273-2289	http://dx.doi.org/10.1063/1.532288
67	Friedel oscillations in one-dimensional fermion systems with long-range Coulomb	Yuan, QS; Chen, H; Zhang, YM; Chen, YG	PHYSICAL REVIEW B	1998	58	3	1084-1087	http://dx.doi.org/10.1103/PhysRevB.58.1084
68	From dynamics to statistical mechanics: the two-hard-disk model	Zheng, ZG; Hu, G	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	1	43-50	
69	Generalized Michailov plot analysis of inband E2 transitions of deformed nuclei	Long, GL; Zhang, WL; Ji, HY; Gao, JF	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	1998	24	11	2133-2138	http://dx.doi.org/10.1088/0954-3899/24/11/014
70	Generalized thermal instability criterion of black hole accretion disks	Wu, XB	CHINESE PHYSICS LETTERS	1998	15	7	542-544	http://dx.doi.org/10.1088/0256-307X/15/7/027
71	Giant magnetoresistance in magnetic granular solids	Yang, R; Zhang, W; Song, WJ	SOLID STATE COMMUNICATIONS	1998	106	2	107-110	http://dx.doi.org/10.1016/S0038-1098(97)10226-5
72	h (Yangian) deformation of the Miura map and Virasoro algebra	Ding, XM; Hou, BY; Zhao, L	INTERNATIONAL JOURNAL OF MODERN	1998	13	7	1129-1144	http://dx.doi.org/10.1142/S0217751X98000500
73	High- and low-pitch helical structures of tilted chiral lipid bilayers	Komura, S; Zhong-can, OY	PHYSICAL REVIEW LETTERS	1998	81	2	473-476	http://dx.doi.org/10.1103/PhysRevLett.81.473
74	Higher dimensional integrable models with Painleve property obtained from (1+1)-dimensional Schwarz KdV equation	Chen, LL; Lou, SY	ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES	1998	53	8	689-692	http://dx.doi.org/10.1515/zna-1998-0808
75	Identical bands and incremental alignments in normal deformed nuclei	Shen, CW; Chen, YS	PHYSICAL REVIEW C	1998	58	4	2081-2085	http://dx.doi.org/10.1103/PhysRevC.58.2081
76	Implications for $B \rightarrow \eta K$ and $B \rightarrow \text{glueball} + K$ modes from observed large $B \rightarrow$	He, XG; Hou, WS; Huang, CS	PHYSICS LETTERS B	1998	429	1-2	99-105	http://dx.doi.org/10.1016/S0370-2693(98)00483-3
77	Induced Chern-Simons term at high temperature in intrinsic regularization	Guo, HY; Zhao, WY	CHINESE PHYSICS LETTERS	1998	15	5	321-322	http://dx.doi.org/10.1088/0256-307X/15/5/004
78	Induced chern-simons term in three-dimensional space at high temperature	Zhao, WY	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	3	351-354	
79	Infinite number of integrals of motion in classically integrable system with boundary (II)	Chen, YX; Luo, XD	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	1998	22	6	507-521	
80	Instability and periodic deformation in bilayer membranes induced by freezing	Jie, Y; Haijun, Z; Zhong-can, OY	MODERN PHYSICS LETTERS B	1998	12	4	147-154	http://dx.doi.org/10.1142/S0217984998000202
81	Instantaneously dynamical response and correlation functions in independent-oscillator model	Gu, JZ; Wu, XZ; Zhuo, YZ; Zhao, EG	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	2	193-198	
82	Intermediate energy K^+ nucleus elastic scattering optical potential parameters	Tan, YH; Ning, PZ; Cai, CH	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	1998	22	12	1136-1142	
83	Intermittency or something else in high dimensions?	Gao, CS; He, B	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	1	87-92	
84	Intrinsic regularization approach to chiral anomalies	Cai, Y; Guo, HY	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	1	111-124	
85	Introduction to superstring theory	Zhu, CJ	FRONTIERS IN QUANTUM FIELD THEORY, PROCEEDINGS OF THE INTERNATIONAL WORKSHOP	1998			259-292	
86	Iterative relationship in two-parameter formulas for rotational spectra and a universal equation	Zeng, GM	PHYSICAL REVIEW C	1998	57	4	1727-1731	http://dx.doi.org/10.1103/PhysRevC.57.1727
87	J/Ψ electromagnetic production at e^+e^- colliders	Chang, CH; Qiao, CF; Wang, JX	PHYSICAL REVIEW D	1998	57	7	4035-4040	http://dx.doi.org/10.1103/PhysRevD.57.4035
88	Kaon production and flow in relativistic heavy-ion collisions	Li, QF; Li, ZX	HIGH ENERGY PHYSICS AND NUCLEAR PHYSICS-CHINESE EDITION	1998	22	12	1119-1127	
89	Kink instability in circular DNA studied as Helfrich chiral chains	Zhao, W; Zhou, HJ; Ou-Yang, ZC	PHYSICAL REVIEW E	1998	58	6	8040-8043	http://dx.doi.org/10.1103/PhysRevE.58.8040
90	Lack of quenching for the resonant transmission through an inhomogeneously oscillating quantum well	Sun, QF; Wang, J; Lin, TH	PHYSICAL REVIEW B	1998	58	4	2008-2012	http://dx.doi.org/10.1103/PhysRevB.58.2008
91	Langevin simulation approach to a two-dimensional coupled flashing ratchet	Bao, JD; Zhuo, YZ	PHYSICS LETTERS A	1998	239	4-5	228-232	http://dx.doi.org/10.1016/S0375-9601(98)00024-3
92	Low temperature superfluid response of high-T-c superconductors	Xiang, T; Panagopoulos, C; Cooper, JR	INTERNATIONAL JOURNAL OF MODERN	1998	12	10	1007-1032	http://dx.doi.org/10.1142/S0217979298000569

93	Magnetization configuration effect on giant magnetoresistance in multilayered structure	Zhang, LY; Li, BZ; Sun, H; Pu, FC	SCIENCE IN CHINA SERIES A-MATHEMATICS PHYSICS ASTRONOMY	1998	41	1	79-83	
94	Magnification cross-sections of gravitational lensing by galaxies in general FLRW cosmologies	Zhu, ZH	ASTRONOMY & ASTROPHYSICS	1998	338	3	777-780	
95	Mean-field theory for the spin-ladder	Dai, X; Su, ZB	PHYSICAL REVIEW B	1998	57	2	964-969	http://dx.doi.org/10.1103/PhysRevB.57.964
96	Modelling the number counts of early-type galaxies by pure luminosity evolution	He, P; Zhang, YZ	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	1998	298	2	483-496	http://dx.doi.org/10.1046/j.1365-8711.1998.01649.x
97	Multiple devil's staircase and type-V intermittency	Qu, SX; Wu, SG; He, DR	PHYSICAL REVIEW E	1998	57	1	402-411	http://dx.doi.org/10.1103/PhysRevE.57.402
98	Nonequilibrium Green's function approach to resonant magnetotunneling through a quantum dot	Zhou, H; Lin, TH	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	3	321-328	
99	Nuclear gluon distribution in the extended x-rescaling model	Duan, CG; He, ZM; Lin, ZJ; Li, GL	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	1	73-76	
100	Nuclear structure in high energy scattering processes	Xue, DL; Li, GL	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	3	429-438	
101	Numerical observation of nonaxisymmetric vesicles in fluid membranes	Yan, J; Liu, QH; Liu, JX; Ou-Yang, ZC	PHYSICAL REVIEW E	1998	58	4	4730-4736	http://dx.doi.org/10.1103/PhysRevE.58.4730
102	Omega and Sigma(0)Lambda transition magnetic moment in QCD sum rules	Zhu, SL; Hwang, WYP; Yang, ZS	PHYSICAL REVIEW D	1998	57	3	1527-1530	http://dx.doi.org/10.1103/PhysRevD.57.1527
103	On kaon condensation in dense nuclear matter	Li, L; Ning, PZ; Zeng, YX	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	4	559-562	
104	On the cosmological constant in quantum cosmology of the Brans-Dicke theory	Zhu, ZH; Zhang, YZ; Wu, XP	MODERN PHYSICS LETTERS A	1998	13	17	1333-1337	http://dx.doi.org/10.1142/S021773239800139X
105	On the integrability of the one-dimensional open XYZ spin chain	Ju, GX; Xiong, C	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	3	337-340	
106	On the quantum dynamic theory of the MIT output coupler for the Bose-Einstein condensation	Sun, CP; Zhan, H; Miao, YX; Li, JM	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	2	161-166	
107	Optical identifications of ROSAT x-ray sources at Beijing Astronomical Observatory	Wu, XB; Wei, JY; Xu, DW; Cao, L; Hu, JY; Li, JZ; Zhao, OH; Li, QB	ASTRONOMISCHE NACHRICHTEN	1998	319	1-2	36-36	http://dx.doi.org/10.1002/asna.2123190119
108	p(T) distribution of J/psi in a quark-gluon plasma	Zhang, XF; Huang, HW; Li, XQ; Chao, WQ	PHYSICAL REVIEW C	1998	57	5	2547-2551	http://dx.doi.org/10.1103/PhysRevC.57.2547
109	Partial factorization of wave functions for a quantum dissipative system	Sun, CP; Gao, YB; Dong, HF; Zhao, SR	PHYSICAL REVIEW E	1998	57	4	3900-3904	http://dx.doi.org/10.1103/PhysRevE.57.3900
110	Pattern formation and competition in the regime of the conserved cubic-quintic nonlinear Schrodinger equation	Long, T; He, XT	MODERN PHYSICS LETTERS B	1998	12	22	943-954	http://dx.doi.org/10.1142/S0217984998001098
111	Perturbative QCD study on the photonic penguin contributions to the decay B -> K*gamma	Cao, FG; Huang, T	EUROPEAN PHYSICAL JOURNAL C	1998	4	2	277-281	
112	Phase structures of magnetic impurity models with two-body hybridization	Yu, Y; Tan, WP	PHYSICAL REVIEW B	1998	57	10	5879-5890	http://dx.doi.org/10.1103/PhysRevB.57.5879
113	Phenomenological understanding of a transport regime with reflection symmetry in the quantum Hall system in a composite-fermion picture	Zheng, WJ; Yu, Y; Su, ZB	PHYSICAL REVIEW B	1998	58	11	6740-6743	http://dx.doi.org/10.1103/PhysRevB.58.6740
114	Pion inelastic scattering from Sn-118 with excitation to 3(1)(-) state	Liu, YX; Zhang, YS; Zhao, EG; Sun, HZ	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	2	265-270	
115	Polar orientational phase transition and differential dielectric constant of smectic monolayers on a water surface	Wu, CX; Ou-Yang, Z; Iwamoto, M	JOURNAL OF CHEMICAL PHYSICS	1998	109	11	4552-4561	http://dx.doi.org/10.1063/1.477059
116	Polygonal deformation of toroidal smectic-A domains in isotropic phase induced by electric-field application	Naito, H; Todorokihara, M; Hirose, Y; Zhong-Can, OY	JOURNAL OF THE PHYSICAL SOCIETY OF JAPAN	1998	67	3	713-716	http://dx.doi.org/10.1143/JPSJ.67.713
117	Possible Sigma(0)-Lambda mixing in the QCD sum rule	Zhu, SL; Hwang, WYP; Yang, ZS	PHYSICAL REVIEW D	1998	57	3	1524-1526	http://dx.doi.org/10.1103/PhysRevD.57.1524
118	Probing flavor-changing interactions in photon-photon collisions	Yi, J; Mian-Lai, Z; Wen-Gan, M; Liang, H; Hong, Z; Meng, H	PHYSICAL REVIEW D	1998	57	7	4343-4351	http://dx.doi.org/10.1103/PhysRevD.57.4343
119	Production of minijets (gluons) and strangeness enhancement in pA and AA collisions at relativistic energies	An, T; Sa, BH	PHYSICAL REVIEW C	1998	57	1	261-265	http://dx.doi.org/10.1103/PhysRevC.57.261
120	QCD correction to sigma(e+e-)-> ZH -> Zb(b-over-bar)	Chang, CS; Li, XQ; Ma, WG; Dai, WS	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	3	451-456	
121	Quantization of Chern-Simons coefficient	Guo, HY; Zhao, WY	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	4	617-620	
122	Quantum dynamical R-matrix with spectral parameter from fusion	Luo, XD; Song, XC; Wang, SK; Wu, K	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1998	31	42	8533-8538	http://dx.doi.org/10.1088/0305-4470/31/42/012
123	Quantum transport theory and nonequilibrium chiral condensates	Zhuang, PF	SCIENCE IN CHINA SERIES A-MATHEMATICS PHYSICS ASTRONOMY	1998	41	12	1315-1322	http://dx.doi.org/10.1007/BF02882273
124	Radiative leptonic decays of B-c meson	Chang, CH; Cheng, JP; Lu, CD	PHYSICS LETTERS B	1998	425	1-2	166-170	http://dx.doi.org/10.1016/S0370-2693(98)00177-4
125	Reduction factors for O(N)superset of O(N-1)	Sun, HZ; Han, QZ; Zhang, M; Ruan, D	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	4	541-550	

126	Relationship between the superconducting energy gap and the critical temperature in high-T _c superconductors	Panagopoulos, C; Xiang, T	PHYSICAL REVIEW LETTERS	1998	81	11	2336-2339	http://dx.doi.org/10.1103/PhysRevLett.81.2336
127	Relativistic BBGKY theory and collision integral of generalized Boltzmann equation in a relativistic magnetized plasma	Lu, QK	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	3	457-462	
128	Relativistic mean-field theory study of proton halos in the 2s1d shell	Chen, BQ; Ma, ZY; Grummer, F; Krewald, S	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	1998	24	1	97-105	http://dx.doi.org/10.1088/0954-3899/24/1/013
129	Review of J/psi production	Chang, CH	INTERNATIONAL CONFERENCE ON PHYSICS SINCE PARITY SYMMETRY BREAKING: IN MEMORY OF PROFESSOR	1998			417-423	
130	rho-decay widths of excited heavy mesons from light-cone QCD sum rules in the leading order of HQET	Zhu, SL; Dai, YB	PHYSICAL REVIEW D	1998	58	9	94033	http://dx.doi.org/10.1103/PhysRevD.58.094033
131	Rocked quantum periodic systems in the presence of coordinate-dependent friction	Bao, JD; Abe, Y; Zhuo, YZ	PHYSICAL REVIEW E	1998	58	3	2931-2937	http://dx.doi.org/10.1103/PhysRevE.58.2931
132	Sample incompleteness in the study of the quasar-galaxy associations as a result of gravitational lensing	Zhu, ZH; Wu, XP	INTERNATIONAL JOURNAL OF MODERN PHYSICS D	1998	7	3	463-469	http://dx.doi.org/10.1142/S0218271898000309
133	Scaling properties of the period-adding sequences in a multiple devil's staircase	Wu, CY; Qu, SX; Wu, SG; He, DR	CHINESE PHYSICS LETTERS	1998	15	4	246-248	http://dx.doi.org/10.1088/0256-307X/15/4/005
134	Semileptonic decays of heavy mesons to light pseudoscalar mesons in the BS	Liang, GW; Liu, JF; Chao, KT	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	3	457-464	
135	Separation of chiral phases by compression: kinetic localization of the enantiomers in a monolayer of racemic amphiphiles viewed as mixing cholesteric	Iwamoto, M; Wu, CX; Zhong-Can, OY	CHEMICAL PHYSICS LETTERS	1998	285	5-6	306-312	http://dx.doi.org/10.1016/S0009-2614(98)00090-6
136	Solitary wave propagation in deoxyribonucleic acid double helices	Zhang, LY; Sun, H	CHINESE PHYSICS LETTERS	1998	15	11	846-848	http://dx.doi.org/10.1088/0256-307X/15/11/023
137	Spin dependence of intra-ground-state-band E2 transitions in the SU(3) limit of the sdg interacting boson model	Long, GL; Ji, HY	PHYSICAL REVIEW C	1998	57	4	1686-1690	http://dx.doi.org/10.1103/PhysRevC.57.1686
138	Spin dynamics for the t-J model	Huang, ZB; Feng, SP	PHYSICS LETTERS A	1998	242	1-2	94-98	http://dx.doi.org/10.1016/S0375-9601(98)00195-9
139	Spin-orbit force of hyperon-nucleon interaction in the chiral SU(3) quark model	Yang, S; Shen, PN; Zhang, ZY; Yu, YW	NUCLEAR PHYSICS A	1998	635	1-2	146-162	http://dx.doi.org/10.1016/S0375-9474(98)00190-0
140	Spin-orbit force of NN interaction based on chiral SU(3) quark model	Yang, S; Shen, PN; Zhang, ZY; Yu, YW	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	3	439-444	
141	Splitting of one-phonon coupling states in the weakly coupling model	Long, GL; Ruan, D; Zhang, WL; Zhu, SJ	CHINESE PHYSICS LETTERS	1998	15	1	5-7	http://dx.doi.org/10.1088/0256-307X/15/1/003
142	Stability of hot accretion disks in black hole X-ray binaries	Wu, XB	1997 PACIFIC RIM CONFERENCE ON STELLAR ASTROPHYSICS	1998	138		373-376	
143	SU(3) limit of sdgpf interacting boson model	Long, GL; Zhang, WL; Ji, HY; Zhu, SJ	SCIENCE IN CHINA SERIES A-MATHEMATICS PHYSICS ASTRONOMY	1998	41	12	1296-1301	http://dx.doi.org/10.1007/BF02882270
144	Superconductivity and temperature effects on Davydov model of alpha-helix protein	Zhang, LY; Lin, J; Li, BZ; Pu, FC	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	1	157-160	
145	Superdeformed bands in Gd-148 in the interacting boson model	Liu, YX	PHYSICAL REVIEW C	1998	58	1	237-242	http://dx.doi.org/10.1103/PhysRevC.58.237
146	Superdeformed bands of Gd-150 in the interacting boson model	Liu, YX	CHINESE PHYSICS LETTERS	1998	15	8	561-563	http://dx.doi.org/10.1088/0256-307X/15/8/006
147	Superdeformed identical bands Dy-152(I) and Tb-151(2) in supersymmetry with a many-body interaction	Liu, YX	PHYSICAL REVIEW C	1998	58	2	900-904	http://dx.doi.org/10.1103/PhysRevC.58.900
148	Super-Yangian Y(gl(1 vertical bar 1)) and its oscillator realization	Ju, GX; Cai, JF; Guo, HY; Wu, K; Wang, SK	FRONTIERS IN QUANTUM FIELD THEORY, PROCEEDINGS OF THE INTERNATIONAL WORKSHOP	1998			140-146	
149	SUSY charged higgs boson pair production via gluon-gluon collisions	Jiang, Y; Ma, WG; Han, LA; Han, M; Yu, ZH	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	1998	24	1	83-95	
150	SUSY QCD corrections to W gamma production in polarized hadronic collisions	Han, M; Ma, WG; Han, L; Jiang, Y	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	1998	24	3	551-565	
151	Symbolic dynamics analysis of the Lorenz equations	Hao, BL; Liu, JX; Zheng, WM	PHYSICAL REVIEW E	1998	57	5	5378-5396	http://dx.doi.org/10.1103/PhysRevE.57.5378
152	Symbolic dynamics of the piecewise linear standard map	Zheng, WM	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	3	369-376	
153	Symmetries and unification	Wu, YL	INTERNATIONAL CONFERENCE ON PHYSICS SINCE PARITY SYMMETRY BREAKING: IN MEMORY OF PROFESSOR C. S. WU	1998			118-129	

154	Table of $(\lambda, 0) \times (4, 0)$ SU3 superset of R-3 Wigner coefficients	Long, GL; Zhang, JY; Zhang, WL	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1998	31	38	7821-7828	http://dx.doi.org/10.1088/0305-4470/31/38/017
155	The algebra $A(h, n)$ (gover-cap) and infinite Hopf family of algebras	Hou, BY; Zhao, L; Ding, XM	JOURNAL OF GEOMETRY AND PHYSICS	1998	27	3-4	249-266	http://dx.doi.org/10.1016/S0393-0440(97)00079-X
156	The algebraic structure of the $gl(n$ vertical bar $m)$ color Calogero-Sutherland models	Ju, GX; Wang, SK; Wu, K	JOURNAL OF MATHEMATICAL PHYSICS	1998	39	5	2813-2820	http://dx.doi.org/10.1063/1.532434
157	The branching rules for SU(2N) superset of SU(N) superset of O(N) superset of O(3) circle times SU(2) and the highest weight states for SU(N) and O(N)	Sun, HZ; Ruan, D	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	4	571-578	
158	The complete Schwarzschild interior and exterior solution in the harmonic coordinate system	Liu, QH	JOURNAL OF MATHEMATICAL PHYSICS	1998	39	11	6086-6090	http://dx.doi.org/10.1063/1.532614
159	The F-spin formalism of the neutron-proton interacting boson model	Sun, HZ; Long, GL; Zhang, JY; Han, QZ	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	3	411-424	
160	The microscopic model of composite fermion-type excitations for $\nu=1/m$ edge	Yu, Y; Zhu, ZY	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	3	351-356	
161	The most general harmonic coordinates for Kerr metric	Liu, QH	CHINESE PHYSICS LETTERS	1998	15	5	313-314	http://dx.doi.org/10.1088/0256-307X/15/5/001
162	The proposition of color-octet production of J/psi and the signature to the electroweak background in e^+e^-	Chang, CH; Qiao, CF; Wang, JX	NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS	1998	66		529-532	http://dx.doi.org/10.1016/S0920-5632(98)00101-7
163	The QCD corrections to scalar top pair production in photon-photon collisions	Chang, CH; Han, L; Ma, WG; Yu, ZH	NUCLEAR PHYSICS B	1998	515	1-2	15-33	http://dx.doi.org/10.1016/S0550-3213(97)00758-X
164	The quantum Ashkin-Teller model with quantum group symmetry	Chang, Z; Guo, HY; Wu, K	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1998	31	27	L495-L499	http://dx.doi.org/10.1088/0305-4470/31/27/001
165	The radial-azimuthal instability of an isothermal magnetized accretion disk	Yang, LT; Wu, SP; Lu, Y; Wu, XB	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	2	269-274	
166	The standard model with Higgs as gauge field on fourth homotopy group	Guo, HY; Li, JM; Wu, K	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	1	93-98	
167	The strong interaction in chromodynamics II	Hu, N	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	1	101-106	
168	The strong interaction in chromodynamics III	Hu, N	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	30	2	245-248	
169	The structure of the neutron-rich Nd isotopes in the IBM	Long, GL; Zhu, SJ; Zhang, JY; Zhao, EG; Liu, YX	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	1	65-72	
170	The suppression of pi NN(1535) coupling in QCD	Zhu, SL	MODERN PHYSICS LETTERS A	1998	13	34	2763-2770	http://dx.doi.org/10.1142/S021773239800293X
171	The topological structure of the space-time disclination	Duan, YS; Li, S	JOURNAL OF MATHEMATICAL PHYSICS	1998	39	12	6696-6705	http://dx.doi.org/10.1063/1.532650
172	The transient transmission through a quantum dot under the influence of oscillating external fields	Sun, QF; Lin, TH	JOURNAL OF PHYSICS-CONDENSED MATTER	1998	10	16	3569-3579	http://dx.doi.org/10.1088/0953-8984/10/16/010
173	Theory of giant magnetoresistance of magnetic granular films	Yang, R; Zhang, W; Song, WJ	JOURNAL OF APPLIED PHYSICS	1998	84	4	2044-2047	http://dx.doi.org/10.1063/1.368263
174	Theory on quench-induced pattern formation: Application to the isotropic to smectic-A phase transitions	Zhou, HJ; Zhong-can, OY	PHYSICAL REVIEW E	1998	58	5	5909-5913	http://dx.doi.org/10.1103/PhysRevE.58.5909
175	Thermal activation of quasiparticles and thermodynamics of fractional quantum Hall liquids	Wu, YS; Yu, Y; Hatsugai, Y; Kohmoto, M	PHYSICAL REVIEW B	1998	57	16	9907-9919	http://dx.doi.org/10.1103/PhysRevB.57.9907
176	Thermodynamic properties of a trapped interacting Bose gas	Shi, HL; Zheng, WM	PHYSICA A	1998	258	3-4	303-310	http://dx.doi.org/10.1016/S0378-4371(97)00642-0
177	Thermodynamics of quantum Heisenberg spin chains	Xiang, T	PHYSICAL REVIEW B	1998	58	14	9142-9149	http://dx.doi.org/10.1103/PhysRevB.58.9142
178	Three-dimensional vertex model related BCC model in statistical mechanics	Hu, ZN	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	2	217-224	
179	Threshold dependence on pixel size and cell thickness in a multidomain twisted nematic liquid crystal display	Qiu, C; Zheng, CY; Gao, HJ; Ou-Yang, ZC	JOURNAL OF APPLIED PHYSICS	1998	83	8	4548-4550	http://dx.doi.org/10.1063/1.367219
180	Top quark loop corrections to the neutral Higgs boson production at the Fermilab Tevatron	Li, CS; Zhu, SH	PHYSICS LETTERS B	1998	444	1-2	224-229	http://dx.doi.org/10.1016/S0370-2693(98)01149-6
181	Topological analysis of the EBL model for the chaotic NMR laser	Wu, ZB; Liu, JX	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	2	225-230	
182	Topological Yang-Mills theories and certain related topics	Gao, YH	FRONTIERS IN QUANTUM FIELD THEORY, PROCEEDINGS OF THE INTERNATIONAL WORKSHOP	1998			49-109	
183	Transmission through a quantum dot in a four-terminal phase-coherent system	Sun, QF; Lin, TH	JOURNAL OF PHYSICS-CONDENSED MATTER	1998	10	16	3581-3593	http://dx.doi.org/10.1088/0953-8984/10/16/011
184	Transverse momentum dependence in the perturbative calculation of the pion form	Cao, FG; Huang, T	MODERN PHYSICS LETTERS A	1998	13	4	253-262	http://dx.doi.org/10.1142/S0217732398000310
185	Two-parameter quantum affine superalgebra $U-p, U-q(gl(1$ vertical bar $1))$ and its Drinfeld's realization	Cai, JF	FRONTIERS IN QUANTUM FIELD THEORY, PROCEEDINGS OF THE INTERNATIONAL WORKSHOP	1998			231-238	

186	$U(1) \times SU(2)$ Chern-Simons gauge theory of underdoped cuprate superconductors	Marchetti, PA; Su, ZB; Yu, L	PHYSICAL REVIEW B	1998	58	9	5808-5824	http://dx.doi.org/10.1103/PhysRevB.58.5808
187	$U(1) \times SU(2)$ gauge theory of underdoped cuprate superconductors	Marchetti, PA; Su, ZB; Yu, L	MODERN PHYSICS LETTERS B	1998	12	5	173-180	http://dx.doi.org/10.1142/S0217984998000238
188	Unconventional medium effect in K^+ -nucleus scattering	Li, L; Cai, C; Ning, P	NUCLEAR PHYSICS A	1998	639	1-2	493C-496C	http://dx.doi.org/10.1016/S0375-9474(98)00316-9
189	Universal R-matrix of the super Yangian double $DY(\mathfrak{gl}(1 1))$	Cai, JF; Wang, SK; Wu, K; Xiong, C	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	2	173-176	
190	Waves in open systems via a biorthogonal basis	Leung, PT; Suen, WM; Sun, CP; Young, K	PHYSICAL REVIEW E	1998	57	5	6101-6104	http://dx.doi.org/10.1103/PhysRevE.57.6101
191	Wide existence of the $\Delta l=4$ bifurcation in the A similar to 190 superdeformed	Wu, CS; Zhou, ZN	COMMUNICATIONS IN THEORETICAL PHYSICS	1998	29	3	399-404	