

SCI Papers of ITP in 1989

No.	Article Title	Authors	Source Title	Year	Volume	Issue	Page	DOI Link
1	A CALCULATION ON $DS^+ \rightarrow F_0 \pi^+$ DECAY AND THE (SBARS) COMPONENT OF $F_0(975)$	CHANG, CH; LI, XQ; WANG, JX	PHYSICS LETTERS B	1989	227	3-4	479-482	http://dx.doi.org/10.1016/0370-2693(89)90966-0
2	A DISCUSSION OF THE QUESTION IN CONNECTION WITH THE EXPANSION OF A DIVERGENT SERIES ENCOUNTERED IN CALCULATING NUCLEAR 2-UPSILON-2-BETA DECAY MATRIX ELEMENT	CHING, CR; HO, TH	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	4	495-497	http://dx.doi.org/10.1088/0253-6102/11/4/495
3	A NEW CORRECTION TERM IN NUCLEAR NEUTRINOLESS DOUBLE BETA-DECAY	CHING, CR; HO, TH	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	4	505-508	
4	A NEW MECHANISM FOR LOW-ENERGY PION INDUCED DOUBLE CHARGE-EXCHANGE REACTION	CHING, CR; HO, TH; ZOU, BS; JOHNSON, MB	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	2	171-179	
5	A NEW METHOD FOR CALCULATING THE DOUBLE BETA-DECAY PROBABILITY	CHING, CR; HO, TH	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	4	433-440	
6	A RECURRENT FORMULA FOR FRACTIONAL PARENTAGE COEFFICIENTS OF IDENTICAL FERMIONS	SUN, HZ; HAN, QZ; ZHANG, M; LONG, GL	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	4	441-447	http://dx.doi.org/10.1088/0253-6102/11/4/441
7	ARCS FROM COSMIC STRINGS AS GRAVITATIONAL LENSES	WU, XP	CHINESE PHYSICS LETTERS	1989	6	12	570-572	
8	BIFURCATION SPECTRUM IN A DELAY-DIFFERENTIAL SYSTEM RELATED TO OPTICAL BISTABILITY	LI, JN; HAO, BL	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	3	265-278	
9	CHARMFUL BARYONIC-B MESON DECAYS	LI, XY; WU, DD	PHYSICS LETTERS B	1989	218	3	357-360	http://dx.doi.org/10.1016/0370-2693(89)91596-7
10	CHIRAL SYMMETRY RESTORATION IN LATTICE GAUGE-THEORY	SONG, HS; AN, Y; LI, XQ	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	3	299-306	http://dx.doi.org/10.1088/0253-6102/11/3/299
11	COMBINED TRAP AND RELATED EXPERIMENTS	LI, GZ	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	12	4	355-366	http://dx.doi.org/10.1088/0253-6102/12/4/355
12	CORRELATION-FUNCTIONS IN STRING MULTILoop CALCULATIONS	ZHANG, DH; HUANG, CS	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	3	371-375	
13	DIFFEOMORPHISM AND BELTRAMI ALGEBRAS ON TORUS	GUO, HY; SHEN, JM; WANG, SK; XU, KW	CHINESE PHYSICS LETTERS	1989	6	2	53-55	
14	DIMENSIONAL REGULARIZATION AND 3-LOOP BETA-FUNCTION OF THE WESS-ZUMINO-WITTEN MODEL	XI, ZM	NUCLEAR PHYSICS B	1989	314	1	112-128	http://dx.doi.org/10.1016/0550-3213(89)90114-4
15	DIRECTOR WAVES IN NEMATIC LIQUID-CRYSTALS	GUO, YJ; ZHONGCAN, OY	PHYSICAL REVIEW A	1989	40	5	2810-2813	http://dx.doi.org/10.1103/PhysRevA.40.2810
16	ELECTRON-ELECTRON CORRELATION OF 3SE STATES OF THE HELIUM ATOM	BAO, CG	PHYSICAL REVIEW A	1989	39	1	9-18	http://dx.doi.org/10.1103/physreva.38.591
17	EQUAL-TIME EQUATION OF THE COMPLEX SCALAR FIELD	LI, HC; QING, CR; RUAN, TN	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	1	25-36	

18	FORCE-BALANCE THEORY AND DYNAMIC-RESPONSE THEORY OF QUANTUM NONLINEAR TRANSPORT	SU, ZB; SAKITA, B	PHYSICAL REVIEW B	1989	40	14	9959-9964	http://dx.doi.org/10.1103/PhysRevB.40.9959
19	FRACTIONAL STATISTICS IN THE HIGGS PHASE	XI, ZM	EUROPHYSICS LETTERS	1989	9	7	639-644	http://dx.doi.org/10.1209/0295-5075/9/7/005
20	GENERALIZED COMPOSITION LAW FOR SYMBOLIC ITINERARIES	ZHENG, WM	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1989	22	16	3307-3313	http://dx.doi.org/10.1088/0305-4470/22/16/020
21	INVARIANTS AND SYMMETRIES FOR A PARTICLE WITH A FORCE QUADRATIC IN THE VELOCITY	HUANG, BW; GU, ZY; QIAN, SW	PHYSICS LETTERS A	1989	142	4-5	203-206	http://dx.doi.org/10.1016/0375-9601(89)90314-9
22	KRICHEVER-NOVIKOV ALGEBRAS AND STRING THEORIES ON GROUP-MANIFOLDS	HUANG, CS; ZHAO, ZY	PHYSICS LETTERS B	1989	220	1-2	87-92	http://dx.doi.org/10.1016/0370-2693(89)90018-X
23	MAGNETIC FORM-FACTORS OF HE-3 AND H-3 IN THE HYBRID QUARK HADRON MODEL	MA, WH; KISSLINGER, LS	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	3	377-378	
24	MULTILOOP CALCULATION ON THE PARTITION-FUNCTION OF POLYAKOV STRING MODEL	SHEN, JM	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	2	189-198	
25	NEUTRINOLESS DOUBLE BETA-DECAY - A NEW FORMALISM	CHING, CR; HO, TH; WU, XR	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	12	2	167-178	
26	NIELSEN-OLESEN VORTEX IN THE PRESENCE OF A CHERN-SIMONS TERM	XI, ZM	PHYSICS LETTERS B	1989	217	1-2	113-118	http://dx.doi.org/10.1016/0370-2693(89)91526-8
27	NOETHER THEOREM INVARIANTS FOR A TIME-DEPENDENT DAMPED HARMONIC-OSCILLATOR WITH A FORCE QUADRATIC IN VELOCITY	GU, ZY; QIAN, SW	EUROPHYSICS LETTERS	1989	10	7	615-619	http://dx.doi.org/10.1209/0295-5075/10/7/002
28	OFF DIAGONAL LONG-RANGE ORDER (ODLRO) SOLITONS AND SUPERCONDUCTIVITY	SONG, HS; AN, I; LI, XQ	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	12	3	263-272	http://dx.doi.org/10.1088/0253-6102/12/3/263
29	ON THE GEOMETRIC-QUANTIZATION AND BRST QUANTIZATION FOR BOSONIC STRINGS	YU, Y; GUO, HY	PHYSICS LETTERS B	1989	216	1-2	68-74	http://dx.doi.org/10.1016/0370-2693(89)91370-1
30	ON THE TOPOLOGICAL WARD IDENTITY OF THE 3-DIMENSIONAL TOPOLOGICALLY MASSIVE GAUGE-THEORY	XI, ZM	EUROPHYSICS LETTERS	1989	9	3	209-213	http://dx.doi.org/10.1209/0295-5075/9/3/004
31	ONE WAY TO SOLVE THE PUZZLE OF GAMMA-5 IN THE DIMENSIONAL REGULARIZATION	AN, I; SONG, HS	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	12	2	201-208	
32	OPERATOR EXPANSION METHOD AND THE DOUBLE BETA-DECAY OF CA-48	CHING, CR; HO, TH; WU, XR	PHYSICAL REVIEW C	1989	40	1	304-313	http://dx.doi.org/10.1103/PhysRevC.40.304
33	PARTIAL-WAVE ANALYSIS OF HYDROGEN MOLECULE ION	BAO, CG; HE, JC	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	2	121-127	
34	QUANTUM BOLTZMANN-EQUATION AND KUBO FORMULA FOR ELECTRONIC TRANSPORT IN SOLIDS	CHEN, LY; SU, ZB	PHYSICAL REVIEW B	1989	40	13	9309-9311	http://dx.doi.org/10.1103/PhysRevB.40.9309

35	SELF-CONSISTENT RENORMALIZED HOLE MOTION IN A QUANTUM ANTIFERROMAGNET	SU, ZB; LI, YM; LAI, WY; YU, L	PHYSICAL REVIEW LETTERS	1989	63	12	1318-1321	http://dx.doi.org/10.1103/PhysRevLett.63.1318
36	SHORT-RANGE CONTRIBUTION TO THE PION-NUCLEUS DOUBLE-CHARGE-EXCHANGE REACTION DUE TO QUARK-ANTIQUARK ANNIHILATION	CHIANG, HC; ZOU, BS	NUCLEAR PHYSICS A	1989	496	4	739-748	http://dx.doi.org/10.1016/0375-9474(89)90121-8
37	SPIN-4 EXTENDED CONFORMAL ALGEBRA	ZHANG, DH	PHYSICS LETTERS B	1989	232	3	323-326	http://dx.doi.org/10.1016/0370-2693(89)90751-X
38	SUPERNOVAE AND THE MASS-LOSS FROM PRIMORDIAL CLOUDS	MA, E; YU, YQ; CHEN, S	SCIENCE IN CHINA SERIES A-MATHEMATICS PHYSICS ASTRONOMY	1989	32	5	585-595	
39	SYMBOLIC DYNAMICS FOR THE GAP MAP	ZHENG, WM	PHYSICAL REVIEW A	1989	39	12	6608-6610	http://dx.doi.org/10.1103/PhysRevA.39.6608
40	SYMPLECTIC-GEOMETRY AND GEOMETRIC-QUANTIZATION ON SUPERMANIFOLD WITH U NUMBERS	FEI, SM; GUO, HY; YU, Y	ZEITSCHRIFT FUR PHYSIK C-PARTICLES AND FIELDS	1989	45	2	339-344	http://dx.doi.org/10.1007/BF01674466
41	TADPOLE DIAGRAM, DELTA-I=1/2 ENHANCEMENT AND SIGMA' SIGMA	ZHANG, B; ZHU, ZY	CHINESE PHYSICS	1989	9	2	420-424	
42	THE ALGEBRAS OF MEROMORPHIC VECTOR-FIELDS AND THE BASES OF MEROMORPHIC LAMBDA-DIFFERENTIALS ON RIEMANN SURFACES	GUO, HY; NA, JS; SHEN, JM; WANG, SK; YU, QH	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	12	3	349-354	http://dx.doi.org/10.1088/0253-6102/12/3/349
43	THE ANALYTICAL WAVEFUNCTIONS OF SU(3) LIMIT IN THE INTERACTING BOSON MODEL	SUN, HZ; LONG, GL	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	3	359-362	
44	THE ANALYTICAL WAVEFUNCTIONS OF THE SU(3) LIMIT IN THE INTERACTING BOSON MODEL	LONG, GL; SUN, HZ	JOURNAL OF MATHEMATICAL PHYSICS	1989	30	8	1937-1941	http://dx.doi.org/10.1063/1.528229
45	THE CHIRAL ANOMALIES IN W AND Z DECAYS	CHANG, CH; DU, QQ; WANG, JX	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	2	199-206	http://dx.doi.org/10.1088/0253-6102/11/2/199
46	THE EFFECTIVE HAMILTONIAN FOR NONLEPTONIC DECAY WITH POSSIBLE m_t GREATER-THAN m_W AND THE DELTA-I=1/2 RULE	CHANG, CH; DAI, YB; LI, XQ	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	12	2	187-200	http://dx.doi.org/10.1088/0253-6102/12/2/187
47	THE FRACTIONAL PARENTAGE COEFFICIENTS FOR A DOUBLE-J FERMION SYSTEM	SUN, HZ; HAN, QZ; ZHANG, M; LONG, GL	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	4	449-457	http://dx.doi.org/10.1088/0253-6102/11/4/449
48	THE ISOSCALAR FACTORS OF $O_6 \times O_6$	HAN, QZ; ZHAO, EG; SUN, HZ	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1989	22	10	1495-1508	http://dx.doi.org/10.1088/0305-4470/22/10/007
49	THE KRICHEVER-NOVIKOV OPERATOR-FORMALISM OF THE SUPERSTRING	ZHANG, DH	PHYSICS LETTERS B	1989	216	1-2	107-111	http://dx.doi.org/10.1016/0370-2693(89)91377-4
50	THE MODULAR INVARIANT DECOMPOSITION OF COMPACT RIEMANN SURFACES WITH g -GREATER-THAN-1	SHEN, JM; XU, KW	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	11	2	207-214	

51	THE W-SEQUENCE FOR CIRCLE MAPS AND MISBEHAVED ITINERARIES	ZHENG, WM	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1989	22	17	3647-3652	http://dx.doi.org/10.1088/0305-4470/22/17/029
52	THOMAS-FERMI THEORY FOR THE ION CLOUD IN THE TRAP	LI, GZ	ZEITSCHRIFT FUR PHYSIK D-ATOMS MOLECULES AND CLUSTERS	1989	14	1	1-8	http://dx.doi.org/10.1007/BF01401336
53	WAVE-FUNCTION OF CONTRACT-EXPANDING UNIVERSE	DING, HG; GUO, HY; SHEN, WL	COMMUNICATIONS IN THEORETICAL PHYSICS	1989	12	3	341-344	http://dx.doi.org/10.1088/0253-6102/12/3/341
54	WAVE-FUNCTION, SPECTRUM AND EFFECTIVE MASS OF HOLES IN 2D QUANTUM ANTIFERROMAGNET	SU, ZB; LI, YM; LAI, WY; YU, L	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1989	162		773-774	http://dx.doi.org/10.1016/0921-4534(89)91253-7