

SCI Papers of ITP in 1990

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1	2 KINDS OF SINGULARITIES IN PLANAR DIFFERENTIAL-SYSTEMS AND THE RESPONSE TO EXTERNAL FORCES	HU, G; HAO, BL	PHYSICAL REVIEW A	1990	42	6	3335-3347	<a href="http://dx.doi.org/10.1103/PhysRevA.42.3335">http://dx.doi.org/10.1103/PhysRevA.42.3335</a>
2	A DYNAMIC MECHANISM FOR THE HAIRPIN DIAGRAM	CHANG, CH; GUO, XH; LI, XQ	NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA A-NUCLEI PARTICLES AND FIELDS	1990	103	12	1717-1728	<a href="http://dx.doi.org/10.1007/BF02887296">http://dx.doi.org/10.1007/BF02887296</a>
3	A NEW SCHEME FOR ENUMERATING CONNECTED DIAGRAMS ON THE LATTICE	SONG, YX; DAI, YB	JOURNAL OF MATHEMATICAL PHYSICS	1990	31	8	2015-2024	<a href="http://dx.doi.org/10.1063/1.528650">http://dx.doi.org/10.1063/1.528650</a>
4	A QUARK-MODEL CALCULATION FOR THE SHORT-RANGE CONTRIBUTION IN THE PION DOUBLE CHARGE-EXCHANGE REACTION	ZOU, BS; JIANG, HQ	CHINESE PHYSICS	1990	10	2	398-406	
5	ABELIAN CHERN-SIMONS THEORY AND CFT OF RATIONAL TORUS	LI, M	NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA B-GENERAL PHYSICS RELATIVITY ASTRONOMY AND MATHEMATICAL PHYSICS	1990	105	10	1113-1117	
6	AHARONOV-BOHM SCATTERING ON 2 PARALLEL FLUX TUBES OF THE SAME MAGNETIC-FLUX	GU, ZY; QIAN, SW	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1990	23	18	4127-4135	
7	ANCHOR RING-VESICLE MEMBRANES	OUYANG, ZC	PHYSICAL REVIEW A	1990	41	8	4517-4520	<a href="http://dx.doi.org/10.1103/PhysRevA.41.4517">http://dx.doi.org/10.1103/PhysRevA.41.4517</a>
8	APPLIED SYMBOLIC DYNAMICS FOR THE LORENZ-LIKE MAP	ZHENG, WM	PHYSICAL REVIEW A	1990	42	4	2076-2080	<a href="http://dx.doi.org/10.1103/PhysRevA.42.2076">http://dx.doi.org/10.1103/PhysRevA.42.2076</a>
9	BELTRAMI ALGEBRA AND ITS OPERATOR-FORMALISM	GUO, HY; SHEN, JM; WANG, SK; XU, KW	COMMUNICATIONS IN THEORETICAL PHYSICS	1990	14	1	123-128	<a href="http://dx.doi.org/10.1088/0253-6102/14/1/123">http://dx.doi.org/10.1088/0253-6102/14/1/123</a>
10	BELTRAMI ALGEBRA AND SYMMETRY OF THE BELTRAMI EQUATION ON RIEMANN SURFACES	GUO, HY; SHEN, JM; WANG, SK; XU, KW	JOURNAL OF MATHEMATICAL PHYSICS	1990	31	11	2543-2547	<a href="http://dx.doi.org/10.1063/1.528999">http://dx.doi.org/10.1063/1.528999</a>
11	BELTRAMI GAUGE-SYMMETRY AND 2D INDUCED GRAVITY	GUO, HY; WANG, SK; WANG, ZH; WU, K	COMMUNICATIONS IN THEORETICAL PHYSICS	1990	14	1	99-106	<a href="http://dx.doi.org/10.1088/0253-6102/14/1/99">http://dx.doi.org/10.1088/0253-6102/14/1/99</a>
12	COMPETITION AND POSSIBLE COEXISTENCE OF FLUX AND RESONATING-VALENCE-BOND PHASES IN THE T-J MODEL	SHENG, DN; SU, ZB; LU, Y	PHYSICAL REVIEW B	1990	42	13	8732-8735	<a href="http://dx.doi.org/10.1103/PhysRevB.42.8732">http://dx.doi.org/10.1103/PhysRevB.42.8732</a>
13	CONTRIBUTION OF HIGHLY EXCITED INTERMEDIATE STATES IN THE PION ABSORPTION-EMISSION MECHANISM OF DOUBLE CHARGE-EXCHANGE	CHING, CR; HO, TS; ZOU, BS	NUCLEAR PHYSICS A	1990	513	3-4	697-704	<a href="http://dx.doi.org/10.1016/0375-9474(90)90406-C">http://dx.doi.org/10.1016/0375-9474(90)90406-C</a>
14	CONTRIBUTION OF THE 2-NUCLEON PION ABSORPTION EMISSION MECHANISM TO THE PION-NUCLEUS DOUBLE-CHARGE-EXCHANGE REACTION	CHING, CR; HO, TS; ZOU, BS	NUCLEAR PHYSICS A	1990	510	4	630-640	
15	CORRELATION-FUNCTIONS ON HIGHER GENUS RIEMANN SURFACES FOR STRING THEORIES ON GROUP-MANIFOLDS	DAI, YB; HUANG, CS; ZHAO, ZY	PHYSICS LETTERS B	1990	236	3	262-268	<a href="http://dx.doi.org/10.1016/0370-2693(90)90979-G">http://dx.doi.org/10.1016/0370-2693(90)90979-G</a>
16	EFFECTIVE POTENTIAL FOR LOCAL COMPOSITE-OPERATORS AND THE PROBLEM OF FACTORIZATION OF MULTIFIELD CONDENSATES	HE, HJ; KUANG, YP	ZEITSCHRIFT FUR PHYSIK C-PARTICLES AND FIELDS	1990	47	4	565-575	<a href="http://dx.doi.org/10.1007/BF01552321">http://dx.doi.org/10.1007/BF01552321</a>
17	ELECTROMECHANICAL PROPERTIES OF CHARGE-DENSITY-WAVE CONDUCTORS - AC-DC COUPLING EFFECTS	LIU, S; SNEDDON, L	COMMUNICATIONS IN THEORETICAL PHYSICS	1990	14	3	359-364	<a href="http://dx.doi.org/10.1088/0253-6102/14/3/359">http://dx.doi.org/10.1088/0253-6102/14/3/359</a>
18	EVIDENCES OF CLASSICAL AND QUANTUM CHAOS IN THE TIME EVOLUTION OF NONEQUILIBRIUM ENSEMBLES	GU, Y	PHYSICS LETTERS A	1990	149	2-3	95-100	<a href="http://dx.doi.org/10.1016/0375-9601(90)90532-S">http://dx.doi.org/10.1016/0375-9601(90)90532-S</a>
19	EXACT-SOLUTIONS OF THE EXTENDED BURGERS-FISHER EQUATION	WANG, XY; LU, YK	CHINESE PHYSICS LETTERS	1990	7	4	145-147	
20	EXPLANATION OF THE ANOMALOUS PHOTOINDUCED CURRENT TRANSIENTS IN NEMATIC LIQUID-CRYSTALS	ZHONGCAN, OY; LIU, S; XIE, YZ	PHYSICAL REVIEW LETTERS	1990	64	12	1475-1475	<a href="http://dx.doi.org/10.1103/PhysRevLett.64.1475">http://dx.doi.org/10.1103/PhysRevLett.64.1475</a>

21	EXTENDED KN ALGEBRAS AND EXTENDED CONFORMAL FIELD-THEORIES OVER HIGHER GENUS RIEMANN SURFACES	CERESOLE, A; HUANG, CS	PHYSICS LETTERS B	1990	247	2-3	331-336	<a href="http://dx.doi.org/10.1016/0370-2693(90)90904-K">http://dx.doi.org/10.1016/0370-2693(90)90904-K</a>
22	GRAVITATIONAL CORRECTION TO HYPERFINE-STRUCTURE	DING, SX; SONG, HS; AN, Y	COMMUNICATIONS IN THEORETICAL PHYSICS	1990	13	4	533-542	<a href="http://dx.doi.org/10.1088/0253-6102/13/4/533">http://dx.doi.org/10.1088/0253-6102/13/4/533</a>
23	HADRONIC TRANSITIONS OF D-WAVE QUARKONIUM AND $\Psi(3770)\text{-}J/\Psi+\text{PI}\text{-PI}$	KUANG, YP; YAN, TM	PHYSICAL REVIEW D	1990	41	1	155-160	<a href="http://dx.doi.org/10.1103/PhysRevD.41.155">http://dx.doi.org/10.1103/PhysRevD.41.155</a>
24	HAMILTONIAN-STRUCTURE OF THE SUPER EVOLUTION EQUATION	LI, YS; ZHANG, LN	JOURNAL OF MATHEMATICAL PHYSICS	1990	31	2	470-475	<a href="http://dx.doi.org/10.1063/1.528881">http://dx.doi.org/10.1063/1.528881</a>
25	IMAGE SPLITTINGS IN AN INHOMOGENEOUS UNIVERSE	WU, XP	CHINESE PHYSICS LETTERS	1990	7	1	44-47	
26	INCREASE OF THE $K+\text{PI}^+$ RATIO INDUCED BY SECONDARY COLLISIONS IN RELATIVISTIC HEAVY-ION COLLISIONS	CHAO, WQ; GAO, CS; ZHU, YL	NUCLEAR PHYSICS A	1990	514	4	734-748	<a href="http://dx.doi.org/10.1016/0375-9474(90)90020-M">http://dx.doi.org/10.1016/0375-9474(90)90020-M</a>
27	LONG-RANGE EFFECTS IN $K_0\text{-KBAR}_0$ MIXING CALCULATED IN THE POTENTIAL MODEL	HO, TH; CHING, CR; LI, XQ; TAO, ZJ	PHYSICAL REVIEW D	1990	42	1	112-117	
28	MULTILOOP CALCULATIONS OF EFFECTIVE ACTION FOR LOCAL COMPOSITE-OPERATORS	HE, HJ; WANG, Q; KUANG, YP	ZEITSCHRIFT FUR PHYSIK C-PARTICLES AND FIELDS	1990	45	3	427-437	<a href="http://dx.doi.org/10.1007/BF01549671">http://dx.doi.org/10.1007/BF01549671</a>
29	MULTIPLE GRAVITATIONAL LENSING AND FLUX CONSERVATION	WU, XP	ASTRONOMY & ASTROPHYSICS	1990	232	1	3-6	
30	MULTIPOLE EXPANSION IN QUANTUM CHROMODYNAMICS AND THE RADIATIVE DECAYS $J/\Psi\text{-}J\text{-GAMMA}+\text{MU}$ AND $J/\Psi\text{-}J\text{-GAMMA}+\text{PI}\text{-0}$	KUANG, YP; YI, YP; FU, B	PHYSICAL REVIEW D	1990	42	7	2300-2308	<a href="http://dx.doi.org/10.1103/PhysRevD.42.2300">http://dx.doi.org/10.1103/PhysRevD.42.2300</a>
31	NON-BOSONIC EXCITATIONS IN Q-OSCILLATOR SYSTEM FOR Q A ROOT OF UNITY	CHANG, Z; GUO, HY; YAN, H	COMMUNICATIONS IN THEORETICAL PHYSICS	1990	14	4	475-484	<a href="http://dx.doi.org/10.1088/0253-6102/14/4/475">http://dx.doi.org/10.1088/0253-6102/14/4/475</a>
32	NONPERTURBATIVE APPROACH TO THE DIRECT PHOTON SPECTRUM NEAR $X = 1$ IN THE INCLUSIVE RADIATIVE DECAY OF $J/\Psi$	CHANG, CH; CHEN, GP; KUANG, YP; YI, YP	PHYSICAL REVIEW D	1990	42	7	2309-2313	<a href="http://dx.doi.org/10.1103/PhysRevD.42.2309">http://dx.doi.org/10.1103/PhysRevD.42.2309</a>
33	NUCLEAR FERMI MOTION EFFECT ON PION DOUBLE CHARGE-EXCHANGE	CHING, CR; HO, TH; ZOU, BS; CHIANG, HC	PHYSICS LETTERS B	1990	252	2	192-197	<a href="http://dx.doi.org/10.1016/0370-2693(90)90860-9">http://dx.doi.org/10.1016/0370-2693(90)90860-9</a>
34	OPERATOR-FORMALISM OF THE MULTIPOLE VIRASORO ALGEBRA ON A RIEMANN SPHERE	CHANG, Z; GUO, HY; SHEN, JM; WANG, SK; WU, K; XU, KW	PHYSICS LETTERS B	1990	242	2	210-216	<a href="http://dx.doi.org/10.1016/0370-2693(90)91460-S">http://dx.doi.org/10.1016/0370-2693(90)91460-S</a>
35	OPTICAL-MODEL CALCULATIONS OF LARGE-ANGLE EXCITATION-FUNCTIONS FOR PION-NUCLEUS SCATTERING	LI, QR; CHEN, SZ	PHYSICAL REVIEW C	1990	41	5	2449-2450	<a href="http://dx.doi.org/10.1103/PhysRevC.41.2449">http://dx.doi.org/10.1103/PhysRevC.41.2449</a>
36	ORGANIC POLYMER - FERROMAGNETISM OR ANTIFERROMAGNETISM	CHU, DP; LIU, S; OUYANG, ZC	PHYSICS LETTERS A	1990	150	3-4	207-212	<a href="http://dx.doi.org/10.1016/0375-9601(90)90122-5">http://dx.doi.org/10.1016/0375-9601(90)90122-5</a>
37	PION INDUCED DOUBLE CHARGE-EXCHANGE REACTION AT PURE NUCLEONIC LEVEL	CHING, CR; HO, TH; ZOU, BS	COMMUNICATIONS IN THEORETICAL PHYSICS	1990	13	4	449-456	
38	PROBING THE VERTEX $W^+\text{-}H^+\text{-}Z_0$ IN $E^+E^-$ COLLISIONS	DAI, QH; MA, WG; LIU, YY	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	1990	16	11	L257-L262	
39	PRODUCTION OF RIGHT-HANDED GAUGE BOSONS AND HEAVY MAJORANA NEUTRINOS AT THE SUPERCONDUCTING SUPER COLLIDER	HO, TH; CHING, CR; TAO, ZJ	PHYSICAL REVIEW D	1990	42	7	2265-2273	<a href="http://dx.doi.org/10.1103/PhysRevD.42.2265">http://dx.doi.org/10.1103/PhysRevD.42.2265</a>
40	Q-DEFORMED OSCILLATOR ALGEBRA AS A QUANTUM GROUP	YAN, H	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1990	23	22	L1155-L1160	
41	RETRIEVAL OF THE DIMENSION FOR FEIGENBAUM LIMITING SET FROM LOW PERIODS	ZHENG, WM	PHYSICS LETTERS A	1990	143	8	362-364	<a href="http://dx.doi.org/10.1016/0375-9601(90)90372-U">http://dx.doi.org/10.1016/0375-9601(90)90372-U</a>
42	SOME POSSIBLE EFFECTS OF THE ABSORPTIVE PART OF PENGUIN DIAGRAM	WU, DD; LI, XQ; WANG, P	COMMUNICATIONS IN THEORETICAL PHYSICS	1990	13	3	355-364	<a href="http://dx.doi.org/10.1088/0253-6102/13/3/355">http://dx.doi.org/10.1088/0253-6102/13/3/355</a>
43	STAGGERING IN NUCLEAR-SPECTRA AND THE PROTON NEUTRON INTERACTING BOSON MODEL	LONG, GL; LIU, YX; SUN, HZ	JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS	1990	16	6	813-821	<a href="http://dx.doi.org/10.1088/0954-3899/16/6/006">http://dx.doi.org/10.1088/0954-3899/16/6/006</a>

44	SUQ,H-J0(2) AND SUQ,H(2), THE CLASSICAL AND QUANTUM Q-DEFORMATIONS OF THE SU(2) ALGEBRA	CHANG, Z; CHEN, W; GUO, HY	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1990	23	19	4185-4190	<a href="http://dx.doi.org/10.1088/0305-4470/23/19/007">http://dx.doi.org/10.1088/0305-4470/23/19/007</a>
45	SUQ,H-J0(2) AND SUQ,H(2), THE CLASSICAL AND QUANTUM Q-DEFORMATIONS OF THE SU(2) ALGEBRA .2. THE HOPF ALGEBRA, THE YANG-BAXTER EQUATION AND MULTI-DEFORMED ALGEBRAIC STRUCTURES	CHANG, Z; CHEN, W; GUO, HY; YAN, H	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1990	23	23	5371-5382	<a href="http://dx.doi.org/10.1088/0305-4470/23/23/016">http://dx.doi.org/10.1088/0305-4470/23/23/016</a>
46	THE ALGEBRAS OF MEROMORPHIC VECTOR-FIELDS AND THEIR REALIZATION ON THE SPACES OF MEROMORPHIC LAMBDA-DIFFERENTIALS ON RIEMANN SURFACES .1.	GUO, HY; NA, JS; SHEN, JM; WANG, SK; YU, QH	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1990	23	4	379-384	<a href="http://dx.doi.org/10.1088/0305-4470/23/4/010">http://dx.doi.org/10.1088/0305-4470/23/4/010</a>
47	THE CONSTRUCTION OF THE Q-ANALOGS OF THE HARMONIC-OSCILLATOR OPERATORS FROM ORDINARY OSCILLATOR OPERATORS	SONG, XC	JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL	1990	23	16	L821-L825	<a href="http://dx.doi.org/10.1088/0305-4470/23/16/008">http://dx.doi.org/10.1088/0305-4470/23/16/008</a>
48	THE GEOMETRICAL STRUCTURE OF HAMILTONIAN-SYSTEMS WITH THE 2ND CLASS CONSTRAINTS	ZHU, ZY; BAO, DH	COMMUNICATIONS IN THEORETICAL PHYSICS	1990	14	3	325-332	
49	THE HOLOMORPHIC QUADRATIC-DIFFERENTIALS OF AMPLITUDES FOR STRINGS WITH BOUNDARIES	CHANG, Z	COMMUNICATIONS IN THEORETICAL PHYSICS	1990	13	1	49-56	<a href="http://dx.doi.org/10.1088/0253-6102/13/1/49">http://dx.doi.org/10.1088/0253-6102/13/1/49</a>
50	THE KNOWLEDGE-BASED SYSTEM GRAPE AND ITS APPLICATION TO LANDAU THEORY ANALYSIS FOR MAGNETIC SPACE-GROUPS	GAO, JM; CUI, Z; HAO, BL	COMPUTER PHYSICS REPORTS	1990	12	5	291-381	
51	THE MAGNITUDE-REDSHIFT RELATION IN A LOCALLY INHOMOGENEOUS UNIVERSE	WU, XP	ASTRONOMY & ASTROPHYSICS	1990	239	1-2	29-32	
52	THE NEW CLUE TO UNDERSTANDING FO(975) MESON FROM DS DECAYS	CHANG, CH; LI, XQ; WANG, JX	COMMUNICATIONS IN THEORETICAL PHYSICS	1990	14	3	301-310	
53	THE ROLE OF COMPLEX STRUCTURE IN THE CHIRAL MODEL	LINING, Z	NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA A-NUCLEI PARTICLES AND FIELDS	1990	103	5	633-651	<a href="http://dx.doi.org/10.1007/BF02789016">http://dx.doi.org/10.1007/BF02789016</a>
54	UNIVERSALLY TREATING THE QUARK PAIR WITH A VACUUM QUANTUM NUMBER IN THE RELATED CHARM DECAYS	CHANG, CH; LI, XQ; WANG, JX	COMMUNICATIONS IN THEORETICAL PHYSICS	1990	13	4	517-532	<a href="http://dx.doi.org/10.1088/0253-6102/13/4/517">http://dx.doi.org/10.1088/0253-6102/13/4/517</a>
55	VALIDITY OF THE SINGLE-BAND MODEL	PANG, HB; XIANG, T; SU, ZB; YU, L	PHYSICAL REVIEW B	1990	41	10	7209-7212	<a href="http://dx.doi.org/10.1103/PhysRevB.41.7209">http://dx.doi.org/10.1103/PhysRevB.41.7209</a>
56	WORMHOLE SOLUTIONS IN A LOCAL SCALE INVARIANT GRAVITATION THEORY	WU, DD; XUE, X; ZHENG, HQ	PHYSICS LETTERS B	1990	243	4	346-349	<a href="http://dx.doi.org/10.1016/0370-2693(90)91395-R">http://dx.doi.org/10.1016/0370-2693(90)91395-R</a>
57	Z0 DECAY AND AXIGLUONS	CUYPERS, F	PHYSICAL REVIEW D	1990	41	11	3515-3516	<a href="http://dx.doi.org/10.1103/PhysRevD.41.3515">http://dx.doi.org/10.1103/PhysRevD.41.3515</a>