

**FEZA GURSEY INSTITUTE**  
**PUBLICATION LIST**  
**(Last updated 7.7.2011)**

**Record 1 of 337**

**Title** Further scattering results for almost cubic nonlinear Schrodinger equation

**Author(s)** Demirbas, S; Eden, A

**Source** APPLIED MATHEMATICS LETTERS 24 (2):111-115 2011

**Times Cited** 0

**ISSN** 0893-9659

**DOI** 10.1016/j.aml.2010.08.028

**Record 2 of 337**

**Title** Effect of Ligand Binding on the Intraminimum Dynamics of Proteins

**Author(s)** Alakent, B; Baskan, S; Doruker, P

**Source** JOURNAL OF COMPUTATIONAL CHEMISTRY 32 (3):483-496 2011

**Times Cited** 0

**ISSN** 0192-8651

**DOI** 10.1002/jcc.21636

**Record 3 of 337**

**Title** Comment on "Apollonian Networks: Simultaneously Scale-Free, Small World, Euclidean, Space Filling, and with Matching Graphs"

**Author(s)** Mungan, M

**Source** PHYSICAL REVIEW LETTERS 106 (2): Art No. 029802 2011

**Times Cited** 0

**ISSN** 0031-9007

**DOI** 10.1103/PhysRevLett.106.029802

**Record 4 of 337**

**Title** Exact Solutions in 3D New Massive Gravity

**Author(s)** Ahmedov, H; Aliev, AN

**Source** PHYSICAL REVIEW LETTERS 106 (2): Art No. 021301 2011

**Times Cited** 4

**ISSN** 0031-9007

**DOI** 10.1103/PhysRevLett.106.021301

**Record 5 of 337**

**Title** Vibrational behavior of metal nanowires under tensile stress

**Author(s)** Sengun, Y; Durukanoglu, S

**Source** PHYSICAL REVIEW B 83 (11): Art No. 113409 2011

**Times Cited** 0

**ISSN** 0163-1829

**DOI** 10.1103/PhysRevB.83.113409

**Record 6 of 337**

**Title** Optical and structural properties of Si-doped ZnO thin films

**Author(s)** Sorar, I; Saygin-Hinczewski, D; Hinczewski, M; Tepehan, FZ

**Source** APPLIED SURFACE SCIENCE 257 (16):7343-7349 2011

**Times Cited** 0

**ISSN** 0169-4332

**DOI** 10.1016/j.apsusc.2011.03.142

**Record 7 of 337**

**Title** Type D solutions of 3D new massive gravity

**Author(s)** Ahmedov, H; Aliev, AN

**Source** PHYSICAL REVIEW D 83 (8): Art No. 084032 2011

**Times Cited** 0

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.83.084032

**Record 8 of 337**

**Title** Peculiarities of delta- and alpha-relaxations in thermotropic side chain liquid crystalline polymers with and without nematic reentrant phase

**Author(s)** Salehli, F; Yildiz, S; Ozbek, H; Uykur, E; Gursel, YH; Durmaz, YY

**Source** POLYMER 51 (6):1450-1456 2010

**Times Cited** 0

**ISSN** 0032-3861

**DOI** 10.1016/j.polymer.2009.12.029

**Record 9 of 337**

**Title** Stability of maximum-likelihood-based clustering methods: exploring the backbone of classifications

**Author(s)** Mungan, M; Ramasco, JJ

**Source** JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT Art No. P04028 2010

**Times Cited** 0

**ISSN** 1742-5468

**DOI** 10.1088/1742-5468/2010/04/P04028

**Record 10 of 337**

**Title** Appendectomy conducted with Single Port Incisionless-Intracorporeal Conventional Equipment-Endoscopic Surgery

**Author(s)** Akgur, FM; Olguner, M; Hakguder, G; Ates, O

**Source** JOURNAL OF PEDIATRIC SURGERY 45 (5):1061-1063 2010

**Times Cited** 0

**ISSN** 0022-3468

**DOI** 10.1016/j.jpedsurg.2010.01.025

**Record 11 of 337**

**Title** Efficient Generation of Prime Ideals in Polynomial Rings up to Radical

**Author(s)** Erdogdu, V

**Source** COMMUNICATIONS IN ALGEBRA 38 (5):1802-1807 2010

**Times Cited** 0

**ISSN** 0092-7872

**DOI** 10.1080/00927870902917679

**Record 12 of 337**

**Title** Frenkel-Kontorova models, pinned particle configurations, and Burgers shocks

**Author(s)** Mungan, M; Yolcu, C

**Source** PHYSICAL REVIEW B 81 (22): Art No. 224116 2010

**Times Cited** 0

**ISSN** 0163-1829

**DOI** 10.1103/PhysRevB.81.224116

**Record 13 of 337**

**Title** Uncovering the secrets of the 2D random-bond Blume-Capel model

**Author(s)** Malakis, A; Berker, AN; Hadjiagapiou, IA; Fytas, NG; Papakonstantinou, T

**Source** PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS 389 (15):2930-2933 2010

**Times Cited** 1

**ISSN** 0378-4371

**DOI** 10.1016/j.physa.2009.12.064

**Record 14 of 337**

**Title** Vibrational properties of Cu nanowires

**Author(s)** Sengun, Y; Durukanoglu, S

**Source** PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS 389 (15):2945-2950 2010

**Times Cited** 1

**ISSN** 0378-4371

**DOI** 10.1016/j.physa.2010.02.013

**Record 15 of 337**

**Title** Decoupling and reduction in Chern-Simons modified gravity

**Author(s)** Ahmedov, H; Aliev, AN

**Source** PHYSICS LETTERS B 690 (2):196-200 2010

**Times Cited** 4

**ISSN** 0370-2693

**DOI** 10.1016/j.physletb.2010.05.021

**Record 16 of 337**

**Title** A noncommutative space approach to confined Dirac fermions in graphene

**Author(s)** Dayi, OF; Jellal, A

**Source** JOURNAL OF MATHEMATICAL PHYSICS 51 (6): Art No. 063522 2010

**Times Cited** 1

**ISSN** 0022-2488

**DOI** 10.1063/1.3442719

**Record 17 of 337**

**Title** An Elementary Proof of the Non-Renormalization Theorem for the Wess-Zumino Model

**Author(s)** Sonoda, H; Ulker, K

**Source** PROGRESS OF THEORETICAL PHYSICS 123 (6):989-1002 2010

**Times Cited** 1

**ISSN** 0033-068X

**Record 18 of 337**

**Title** Black string and Godel-type solutions of Chern-Simons modified gravity

**Author(s)** Ahmedov, H; Aliev, AN

**Source** PHYSICAL REVIEW D 82 (2): Art No. 024043 2010

**Times Cited** 1

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.82.024043

**Record 19 of 337**

**Title** Point interactions in two- and three-dimensional Riemannian manifolds

**Author(s)** Erman, F; Turgut, OT

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 43 (33): Art No. 335204 2010

**Times Cited** 0

**ISSN** 1751-8113

**DOI** 10.1088/1751-8113/43/33/335204

**Record 20 of 337**

**Title** Cylindrically symmetric vacuum solutions in higher dimensional Brans-Dicke theory

**Author(s)** Baykal, A; Ciftci, DK; Delice, O

**Source** JOURNAL OF MATHEMATICAL PHYSICS 51 (7): Art No. 072505 2010

**Times Cited** 0

**ISSN** 0022-2488

**DOI** 10.1063/1.3459939

**Record 21 of 337**

**Title** An alternative formulation of Hall effect and quantum phases in noncommutative space

**Author(s)** Dayi, OF; Yapiskan, B

**Source** PHYSICS LETTERS A 374 (37):3810-3817 2010

**Times Cited 0**

**ISSN 0375-9601**

**DOI 10.1016/j.physleta.2010.07.043**

**Record 22 of 337**

**Title** Renormalized interaction of relativistic bosons with delta function potentials

**Author(s)** Dogan, C; Turgut, OT

**Source** JOURNAL OF MATHEMATICAL PHYSICS 51 (8): Art No. 082305 2010

**Times Cited 0**

**ISSN 0022-2488**

**DOI 10.1063/1.3456122**

**Record 23 of 337**

**Title** R-POLYNOMIALS OF FINITE MONOIDS OF LIE TYPE

**Author(s)** Aker, K; Can, MB; Taskin, M

**Source** INTERNATIONAL JOURNAL OF ALGEBRA AND COMPUTATION 20 (6):793-805 2010

**Times Cited 0**

**ISSN 0218-1967**

**DOI 10.1142/S0218196710005893**

**Record 24 of 337**

**Title** Tensor renormalization group: Local magnetizations, correlation functions, and phase diagrams of systems with quenched randomness

**Author(s)** Guven, C; Hinczewski, M; Berker, AN

**Source** PHYSICAL REVIEW E 82 (5): Art No. 051110 2010

**Times Cited 0**

**ISSN 1063-651X**

**DOI 10.1103/PhysRevE.82.051110**

**Record 25 of 337**

**Title** THE EFFECT OF SURFACES ON THE ORIENTATIONAL PROPERTIES AND PHASE TRANSITIONS PECULIARITIES OF A NONPOLAR SMECTOGEN

**Author(s)** Yildiz, S; Zayim, EO; Pekcan, O; Ozbek, H

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS B 24 (22): 4305-4323 2010

**Times Cited 0**

**ISSN 0217-9792**

**DOI 10.1142/S0217979210055603**

**Record 26 of 337**

**Title** The general type N solution of new massive gravity

**Author(s)** Ahmedov, H; Aliev, AN

**Source** PHYSICS LETTERS B 694 (2):143-148 2010

**Times Cited** 5

ISSN 0370-2693

DOI 10.1016/j.physletb.2010.09.044

**Record 27 of 337**

**Title** Slowly rotating black hole solutions to Horava-Lifshitz gravity

**Author(s)** Aliev, AN; Senturk, C

**Source** PHYSICAL REVIEW D 82 (10): Art No. 104016 2010

**Times Cited** 3

ISSN 0556-2821

DOI 10.1103/PhysRevD.82.104016

**Record 28 of 337**

**Title** Quantum-mechanical breakdown of perfect homogeneity in reheating after inflation

**Author(s)** Kaya, A

**Source** CLASSICAL AND QUANTUM GRAVITY 26 (4): Art No. 045017 2009

**Times Cited** 1

ISSN 0264-9381

DOI 10.1088/0264-9381/26/4/045017

**Record 29 of 337**

**Title** Cylindrically symmetric Brans-Dicke-Maxwell solutions

**Author(s)** Baykal, A; Delice, O

**Source** GENERAL RELATIVITY AND GRAVITATION 41 (2):267-285 2009

**Times Cited** 3

ISSN 0001-7701

DOI 10.1007/s10714-008-0667-8

**Record 30 of 337**

**Title** End-Monomer Dynamics in Semiflexible Polymers

**Author(s)** Hinczewski, M; Schlagberger, X; Rubinstein, M; Krichevsky, O; Netz, RR

**Source** MACROMOLECULES 42 (3):860-875 2009

**Times Cited** 8

ISSN 0024-9297

DOI 10.1021/ma802017g

**Record 31 of 337**

**Title** Chaotic spin correlations in frustrated Ising hierarchical lattices

**Author(s)** Aral, N; Berker, AN

**Source** PHYSICAL REVIEW B 79 (1): Art No. 014434 2009

**Times Cited** 3

ISSN 0163-1829

DOI 10.1103/PhysRevB.79.014434

**Record 32 of 337**

**Title** Superradiant instability of five-dimensional rotating charged AdS black holes

**Author(s)** Aliev, AN; Delice, O

**Source** PHYSICAL REVIEW D 79 (2): Art No. 024013 2009

**Times Cited** 11

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.79.024013

**Record 33 of 337**

**Title** Strong violation of critical phenomena universality: Wang-Landau study of the two-dimensional Blume-Capel model under bond randomness

**Author(s)** Malakis, A; Berker, AN; Hadjiagapiou, IA; Fytas, NG

**Source** PHYSICAL REVIEW E 79 (1): Art No. 011125 2009

**Times Cited** 14

**ISSN** 1063-651X

**DOI** 10.1103/PhysRevE.79.011125

**Record 34 of 337**

**Title** Quenched-vacancy induced spin-glass order

**Author(s)** Gulpinar, G; Berker, AN

**Source** PHYSICAL REVIEW E 79 (2): Art No. 021110 2009

**Times Cited** 2

**ISSN** 1063-651X

**DOI** 10.1103/PhysRevE.79.021110

**Record 35 of 337**

**Title** Boundary shape and Casimir energy

**Author(s)** Ahmedov, H; Duru, IH

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 42 (11): Art No. 115401 2009

**Times Cited** 0

**ISSN** 1751-8113

**DOI** 10.1088/1751-8113/42/11/115401

**Record 36 of 337**

**Title** Note on rotating charged black holes in Einstein-Maxwell-Chern-Simons theory

**Author(s)** Aliev, AN; Ciftci, DK

**Source** PHYSICAL REVIEW D 79 (4): Art No. 044004 2009

**Times Cited** 13

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.79.044004

**Record 37 of 337**

**Title** Spin Hall effect in noncommutative coordinates

**Author(s)** Dayi, OF; Elbistan, M  
**Source** PHYSICS LETTERS A 373 (15):1314-1320 2009  
**Times Cited** 3  
**ISSN** 0375-9601  
**DOI** 10.1016/j.physleta.2009.02.029

**Record 38 of 337**

**Title** On the temporal stability of steady-state quasi-1D bubbly cavitating nozzle flow solutions

**Author(s)** Pasinlioglu, S; Delale, CF; Schnerr, GH  
**Source** IMA JOURNAL OF APPLIED MATHEMATICS 74 (2):230-249 2009  
**Times Cited** 0  
**ISSN** 0272-4960  
**DOI** 10.1093/imamat/hxn036

**Record 39 of 337**

**Title** Open strings on D-branes and Hagedorn regime in string gas cosmology

**Author(s)** Arslanargin, A; Kaya, A  
**Source** PHYSICAL REVIEW D 79 (6): Art No. 066013 2009  
**Times Cited** 1  
**ISSN** 0556-2821  
**DOI** 10.1103/PhysRevD.79.066013

**Record 40 of 337**

**Title** Small gaps between products of two primes

**Author(s)** Goldston, DA; Graham, SW; Pintz, J; Yildirim, CY  
**Source** PROCEEDINGS OF THE LONDON MATHEMATICAL SOCIETY 98741-774 2009  
**Times Cited** 3  
**ISSN** 0024-6115  
**DOI** 10.1112/plms/pdn046

**Record 41 of 337**

**Title** Dynamics of dipoles and quantum phases in noncommutative coordinates

**Author(s)** Dayi, OF  
**Source** EPL 85 (4): Art No. 41002 2009  
**Times Cited** 1  
**ISSN** 0295-5075  
**DOI** 10.1209/0295-5075/85/41002

**Record 42 of 337**

**Title** The relativistic Lee model on Riemannian manifolds

**Author(s)** Kaynak, BT; Turgut, OT  
**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 42 (22): Art No. 225402 2009



**Times Cited 2**

**ISSN 1751-8113**

**DOI 10.1088/1751-8113/42/22/225402**

**Record 43 of 337**

**Title** Stationary spinning strings and symmetries of classical spacetimes

**Author(s)** Ahmedov, H; Aliev, AN

**Source** PHYSICS LETTERS B 675 (2):257-261 2009

**Times Cited 0**

**ISSN 0370-2693**

**DOI 10.1016/j.physletb.2009.03.075**

**Record 44 of 337**

**Title** A note on the global existence of small amplitude solutions to a generalized Davey-Stewartson system

**Author(s)** Eden, A; Hacinliyan, I

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 42 (24): Art No. 245208 2009

**Times Cited 0**

**ISSN 1751-8113**

**DOI 10.1088/1751-8113/42/24/245208**

**Record 45 of 337**

**Title** Chern-Simons S-brane solutions in M-theory and accelerating cosmologies

**Author(s)** Deger, NS; Kaya, A

**Source** JOURNAL OF HIGH ENERGY PHYSICS (4): Art No. 109 2009

**Times Cited 0**

**ISSN 1029-8479**

**DOI 10.1088/1126-6708/2009/04/109**

**Record 46 of 337**

**Title** Supersymmetry in the spacetime of higher-dimensional rotating black holes

**Author(s)** Ahmedov, H; Aliev, AN

**Source** PHYSICAL REVIEW D 79 (8): Art No. 084019 2009

**Times Cited 2**

**ISSN 0556-2821**

**DOI 10.1103/PhysRevD.79.084019**

**Record 47 of 337**

**Title** On the existence of special solutions of the generalized Davey-Stewartson system

**Author(s)** Eden, A; Gurel, TB

**Source** APPLIED MATHEMATICS LETTERS 22 (8):1174-1177 2009

**Times Cited 0**

**ISSN 0893-9659**

**DOI** 10.1016/j.aml.2008.09.003

**Record 48 of 337**

**Title** Reducing a generalized Davey-Stewartson system to a non-local nonlinear Schrodinger equation

**Author(s)** Eden, A; Erbay, S; Hacinliyan, I

**Source** CHAOS SOLITONS & FRACTALS 41 (2):688-697 2009

**Times Cited** 2

**ISSN** 0960-0779

**DOI** 10.1016/j.chaos.2007.11.035

**Record 49 of 337**

**Title** Infinitely robust order and local order-parameter tulips in Apollonian networks with quenched disorder

**Author(s)** Kaplan, CN; Hinczewski, M; Berker, AN

**Source** PHYSICAL REVIEW E 79 (6): Art No. 061120 2009

**Times Cited** 6

**ISSN** 1063-651X

**DOI** 10.1103/PhysRevE.79.061120

**Record 50 of 337**

**Title** Focused Functional Dynamics of Supramolecules by Use of a Mixed-Resolution Elastic Network Model

**Author(s)** Kurkcuoglu, O; Turgut, OT; Cansu, S; Jernigan, RL; Doruker, P

**Source** BIOPHYSICAL JOURNAL 97 (4):1178-1187 2009

**Times Cited** 5

**ISSN** 0006-3495

**DOI** 10.1016/j.bpj.2009.06.009

**Record 51 of 337**

**Title** ALMOST CUBIC NONLINEAR SCHRODINGER EQUATION: EXISTENCE, UNIQUENESS AND SCATTERING

**Author(s)** Eden, A; Kuz, E

**Source** COMMUNICATIONS ON PURE AND APPLIED ANALYSIS 8 (6): 1803-1823 2009

**Times Cited** 2

**ISSN** 1534-0392

**DOI** 10.3934/cpaa.2009.8.1803

**Record 52 of 337**

**Title** Gravitational effects of rotating braneworld black holes

**Author(s)** Aliev, AN; Talazan, P

**Source** PHYSICAL REVIEW D 80 (4): Art No. 044023 2009

**Times Cited** 9

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.80.044023

**Record 53 of 337**

**Title** Radically perfect prime ideals in polynomial rings

**Author(s)** Erdogdu, V

**Source** ARCHIV DER MATHEMATIK 93 (3):213-217 2009

**Times Cited** 1

**ISSN** 0003-889X

**DOI** 10.1007/s00013-009-0036-1

**Record 54 of 337**

**Title** Uniqueness of rotating charged black holes in five-dimensional minimal gauged supergravity

**Author(s)** Ahmedov, H; Aliev, AN

**Source** PHYSICS LETTERS B 679 (4):396-400 2009

**Times Cited** 2

**ISSN** 0370-2693

**DOI** 10.1016/j.physletb.2009.07.070

**Record 55 of 337**

**Title** Exact solutions for a Hamiltonian with the Morse potential and the Dirac delta shell interactions

**Author(s)** Erkol, H; Demiralp, E

**Source** MOLECULAR PHYSICS 107 (19):2053-2062 2009

**Times Cited** 0

**ISSN** 0026-8976

**DOI** 10.1080/00268970903140441

**Record 56 of 337**

**Title** SMALL GAPS BETWEEN PRIMES OR ALMOST PRIMES

**Author(s)** Goldston, DA; Graham, SW; Pintz, J; Yildirim, CY

**Source** TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY 361 (10):5285-5330 2009

**Times Cited** 1

**ISSN** 0002-9947

**Record 57 of 337**

**Title** QUANTUM CANONICAL TRANSFORMATIONS IN WEYL-WIGNER-GROENEWOLD-MOYAL FORMALISM

**Author(s)** Dereli, T; Hakioglu, T; Tegmen, A

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS A 24 (24): 4573-4587 2009

**Times Cited** 0

**ISSN** 0217-751X

**DOI** 10.1142/S0217751X09044620

**Record 58 of 337**

**Title** CANONICAL TRANSFORMATIONS IN THREE-DIMENSIONAL PHASE-SPACE

**Author(s)** Dereli, T; Tegmen, A; Hakioglu, T

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS A 24 (25-26): 4769-4788 2009

**Times Cited** 0

**ISSN** 0217-751X

**DOI** 10.1142/S0217751X09044760

**Record 59 of 337**

**Title** Focusing and defocusing cases of the purely elliptic generalized Davey-Stewartson system

**Author(s)** Eden, A; Gurel, TB; Kuz, E

**Source** IMA JOURNAL OF APPLIED MATHEMATICS 74 (5):710-725 2009

**Times Cited** 2

**ISSN** 0272-4960

**DOI** 10.1093/imamat/hxp010

**Record 60 of 337**

**Title** Primes in tuples I

**Author(s)** Goldston, DA; Pintz, J; Yildirim, CY

**Source** ANNALS OF MATHEMATICS 170 (2):819-862 2009

**Times Cited** 5

**ISSN** 0003-486X

**Record 61 of 337**

**Title** Nanoepitaxy on quasicrystal surfaces

**Author(s)** Erbudak, M; Mungan, M; Burkardt, S

**Source** APPLIED SURFACE SCIENCE 256 (5):1284-1288 2009

**Times Cited** 1

**ISSN** 0169-4332

**DOI** 10.1016/j.apsusc.2009.10.028

**Record 62 of 337**

**Title** Beta, dipole and noncommutative deformations of M-theory backgrounds with one or more parameters

**Author(s)** Catal-Ozer, A; Deger, NS

**Source** CLASSICAL AND QUANTUM GRAVITY 26 (24): Art No. 245015 2009

**Times Cited** 0

**ISSN** 0264-9381

**DOI** 10.1088/0264-9381/26/24/245015

**Record 63 of 337**

**Title** Frustrated further-neighbor antiferromagnetic and electron-hopping interactions in the  $d=3$   $t$ - $J$  model: Finite-temperature global phase diagrams from renormalization group theory

**Author(s)** Kaplan, CN; Berker, AN; Hinczewski, M

**Source** PHYSICAL REVIEW B 80 (21): Art No. 214529 2009

**Times Cited** 0

**ISSN** 0163-1829

**DOI** 10.1103/PhysRevB.80.214529

**Record 64 of 337**

**Title** High-precision thermodynamic and critical properties from tensor renormalization-group flows

**Author(s)** Hinczewski, M; Berker, AN

**Source** PHYSICAL REVIEW E 77 (1): Art No. 011104 2008

**Times Cited** 5

**ISSN** 1063-651X

**DOI** 10.1103/PhysRevE.77.011104

**Record 65 of 337**

**Title** Dielectric relaxation in a thermotropic side chain liquid crystalline polymer with nematic reentrant phase

**Author(s)** Salehli, F; Yildiz, S; Ozbek, H; Gursel, YH; Durmaz, YY

**Source** JOURNAL OF PHYSICS-CONDENSED MATTER 20 (3): Art No. 035106 2008

**Times Cited** 1

**ISSN** 0953-8984

**DOI** 10.1088/0953-8984/20/03/035106

**Record 66 of 337**

**Title** Quantum-mechanically induced asymmetry in the phase diagrams of spin-glass systems

**Author(s)** Kaplan, CN; Berker, AN

**Source** PHYSICAL REVIEW LETTERS 100 (2): Art No. 027204 2008

**Times Cited** 6

**ISSN** 0031-9007

**DOI** 10.1103/PhysRevLett.100.027204

**Record 67 of 337**

**Title** Rotating spacetimes with asymptotic nonflat structure and the gyromagnetic ratio

**Author(s)** Aliev, AN

**Source** PHYSICAL REVIEW D 77 (4): Art No. 044038 2008

**Times Cited** 8

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.77.044038

**Record 68 of 337**

**Title** Seiberg-Witten maps to all orders

**Author(s)** Ulker, K; Yapiskan, B

**Source** PHYSICAL REVIEW D 77 (6): Art No. 065006 2008

**Times Cited** 4

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.77.065006

**Record 69 of 337**

**Title** Bose-Einstein condensate in a harmonic trap with an eccentric dimple potential

**Author(s)** Uncu, H; Tarhan, D; Demiralp, E; Mustecaplioglu, OE

**Source** LASER PHYSICS 18 (3):331-334 2008

**Times Cited** 1

**ISSN** 1054-660X

**DOI** 10.1007/s11490-008-3023-5

**Record 70 of 337**

**Title** Equivariant symplectic geometry of gauge fixing in Yang-Mills theory

**Author(s)** Akant, L

**Source** JOURNAL OF MATHEMATICAL PHYSICS 49 (3): Art No. 033512 2008

**Times Cited** 0

**ISSN** 0022-2488

**DOI** 10.1063/1.2897049

**Record 71 of 337**

**Title** Inversion method for content-based networks

**Author(s)** Ramasco, JJ; Mungan, M

**Source** PHYSICAL REVIEW E 77 (3): Art No. 036122 2008

**Times Cited** 11

**ISSN** 1063-651X

**DOI** 10.1103/PhysRevE.77.036122

**Record 72 of 337**

**Title** Standing waves for a generalized Davey-Stewartson system: Revisited

**Author(s)** Eden, A; Topaloglu, IA

**Source** APPLIED MATHEMATICS LETTERS 21 (4):342-347 2008

**Times Cited** 3

**ISSN** 0893-9659

**DOI** 10.1016/j.aml.2007.04.003

**Record 73 of 337**

**Title** Generators for semigroup of Lipman

**Author(s)** Altmok, S; Tosun, M

**Source** BULLETIN OF THE BRAZILIAN MATHEMATICAL SOCIETY 39 (1):  
123-135 2008

**Times Cited** 0

**ISSN** 0100-3569

**Record 74 of 337**

**Title** Shock structure in bubbly liquids: comparison of direct numerical simulations and model equations

**Author(s)** Delale, CF; Tryggvason, G

**Source** SHOCK WAVES 17 (6):433-440 2008

**Times Cited** 2

**ISSN** 0938-1287

**DOI** 10.1007/s00193-008-0126-1

**Record 75 of 337**

**Title** Excitation spectrum gap and spin-wave velocity of XXZ Heisenberg chains: Global renormalization-group calculation

**Author(s)** Sariyer, OS; Berker, AN; Hinczewski, M

**Source** PHYSICAL REVIEW B 77 (13): Art No. 134413 2008

**Times Cited** 3

**ISSN** 0163-1829

**DOI** 10.1103/PhysRevB.77.134413

**Record 76 of 337**

**Title** Cylindrical bubble dynamics: Exact and direct numerical simulation results

**Author(s)** Delale, CF; Tryggvason, G; Nas, S

**Source** PHYSICS OF FLUIDS 20 (4): Art No. 040903 2008

**Times Cited** 1

**ISSN** 1070-6631

**DOI** 10.1063/1.2912520

**Record 77 of 337**

**Title** Dynamics of three-agent games

**Author(s)** Mungan, M; Rador, T

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 41 (5): Art No. 055002 2008

**Times Cited** 0

**ISSN** 1751-8113

**DOI** 10.1088/1751-8113/41/5/055002

**Record 78 of 337**

**Title** Modeling the optical properties of WO<sub>3</sub> and WO<sub>3</sub>-SiO<sub>2</sub> thin films

**Author(s)** Saygin-Hinczewski, D; Hinczewski, M; Sorar, I; Tepehan, FZ; Tepehan, GG

**Source** SOLAR ENERGY MATERIALS AND SOLAR CELLS 92 (8):821-829  
2008

**Times Cited** 2

**ISSN** 0927-0248

**DOI** 10.1016/j.solmat.2008.01.021

**Record 79 of 337**

**Title** Boundary effects in local inflation and spectrum of density perturbations

**Author(s)** Ertan, E; Kaya, A

**Source** GENERAL RELATIVITY AND GRAVITATION 40 (7):1511-1532 2008

**Times Cited** 0

**ISSN** 0001-7701

**DOI** 10.1007/s10714-007-0544-x

**Record 80 of 337**

**Title** Reentrant and forward phase diagrams of the anisotropic three-dimensional Ising spin glass

**Author(s)** Guven, C; Berker, AN; Hinczewski, M; Nishimori, H

**Source** PHYSICAL REVIEW E 77 (6): Art No. 061110 2008

**Times Cited** 5

**ISSN** 1063-651X

**DOI** 10.1103/PhysRevE.77.061110

**Record 81 of 337**

**Title** Multicritical points for spin-glass models on hierarchical lattices

**Author(s)** Ohzeki, M; Nishimori, H; Berker, AN

**Source** PHYSICAL REVIEW E 77 (6): Art No. 061116 2008

**Times Cited** 13

**ISSN** 1063-651X

**DOI** 10.1103/PhysRevE.77.061116

**Record 82 of 337**

**Title** Bulk and surface structure of the clean and adsorbate-covered decagonal Al-Co-Ni quasicrystal

**Author(s)** Burkardt, S; Deloudi, S; Erbudak, M; Kortan, AR; Mungan, M; Steurer, A

**Source** JOURNAL OF PHYSICS-CONDENSED MATTER 20 (31): Art No. 314006  
2008

**Times Cited** 7

**ISSN** 0953-8984

**DOI** 10.1088/0953-8984/20/31/314006

**Record 83 of 337**

**Title** A Monte Carlo assisted simulation of stochastic molecular dynamics for folding of the protein crambin in a viscous environment

**Author(s)** Taneri, S



**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS C 19 (5):749-762  
2008

**Times Cited** 0

**ISSN** 0129-1831

**Record 84 of 337**

**Title** Kerr-Taub-NUT spacetime with Maxwell and dilaton fields

**Author(s)** Aliev, AN; Cebeci, H; Dereli, T

**Source** PHYSICAL REVIEW D 77 (12): Art No. 124022 2008

**Times Cited** 3

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.77.124022

**Record 85 of 337**

**Title** Spin dynamics with non-Abelian Berry gauge fields as a semiclassical constrained Hamiltonian system

**Author(s)** Dayi, OF

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 41 (31): Art No. 315204 2008

**Times Cited** 5

**ISSN** 1751-8113

**DOI** 10.1088/1751-8113/41/31/315204

**Record 86 of 337**

**Title** Finite-temperature phase diagram of nonmagnetic impurities in high-temperature superconductors using a  $d=3$  tJ model with quenched disorder

**Author(s)** Hinczewski, M; Berker, AN

**Source** PHYSICAL REVIEW B 78 (6): Art No. 064507 2008

**Times Cited** 1

**ISSN** 0163-1829

**DOI** 10.1103/PhysRevB.78.064507

**Record 87 of 337**

**Title** Construction of a Wilson action for the Wess-Zumino model

**Author(s)** Sonoda, H; Ulker, K

**Source** PROGRESS OF THEORETICAL PHYSICS 120 (2):197-230 2008

**Times Cited** 9

**ISSN** 0033-068X

**Record 88 of 337**

**Title** Blume-Emery-Griffiths spin glass and inverted tricritical points

**Author(s)** Ozelik, VO; Berker, AN

**Source** PHYSICAL REVIEW E 78 (3): Art No. 031104 2008

**Times Cited** 12

**ISSN** 1063-651X

DOI 10.1103/PhysRevE.78.031104

**Record 89 of 337**

**Title** Self-dual gravity is completely integrable

**Author(s)** Nutku, Y; Sheftel, MB; Kalayci, J; Yazici, D

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 41 (39): Art No. 395206 2008

**Times Cited** 1

**ISSN** 1751-8113

**DOI** 10.1088/1751-8113/41/39/395206

**Record 90 of 337**

**Title** Closing the gap in the purely elliptic generalized Davey-Stewartson system

**Author(s)** Eden, A; Erbay, HA; Muslu, GM

**Source** NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS 69 (8):2575-2581 2008

**Times Cited** 4

**ISSN** 0362-546X

**DOI** 10.1016/j.na.2007.08.034

**Record 91 of 337**

**Title** Stationary strings in the spacetime of rotating black holes in five-dimensional minimal gauged supergravity

**Author(s)** Ahmedov, H; Aliev, AN

**Source** PHYSICAL REVIEW D 78 (6): Art No. 064023 2008

**Times Cited** 8

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.78.064023

**Record 92 of 337**

**Title** High-precision thermodynamic and critical properties from tensor renormalization-group flows.

**Author(s)** Hinczewski, Michael; Berker, A Nihat

**Source** Phys Rev E Stat Nonlin Soft Matter Phys 77 (1 Pt 1):011104 2008

**Times Cited** 0

**ISSN** 1539-3755

**Record 93 of 337**

**Title** COSMOLOGICAL PARTICLE CREATION: FLUCTUATIONS AND AN ENSEMBLE PICTURE

**Author(s)** Kaya, A

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS D 17 (13-14): 2441-2445 2008

**Times Cited** 1

**ISSN** 0218-2718

**Record 94 of 337**

**Title** Casimir effect in hyperbolic polygons

**Author(s)** Ahmedov, H

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 4010611-10623 2007

**Times Cited** 1

**ISSN** 1751-8113

**DOI** 10.1088/1751-8113/40/34/016

**Record 95 of 337**

**Title** Non-anomalous 'Ward' identities to supplement large-N multi-matrix loop equation for correlation

**Author(s)** Akant, L; Krishnaswami, GS

**Source** JOURNAL OF HIGH ENERGY PHYSICS (2): Art No. 073 2007

**Times Cited** 1

**ISSN** 1029-8479

**Record 96 of 337**

**Title** Exact solutions in five-dimensional axi-dilaton gravity with Euler-Poincare term

**Author(s)** Aliev, AN; Cebeci, H; Dereli, T

**Source** CLASSICAL AND QUANTUM GRAVITY 24 (13):3425-3436 2007

**Times Cited** 8

**ISSN** 0264-9381

**DOI** 10.1088/0264-9381/24/13/017

**Record 97 of 337**

**Title** Gyromagnetic ratio of charged Kerr-anti-de Sitter black holes

**Author(s)** Aliev, AN

**Source** CLASSICAL AND QUANTUM GRAVITY 24:4669-4677 2007

**Times Cited** 16

**ISSN** 0264-9381

**DOI** 10.1088/0264-9381/24/18/008

**Record 98 of 337**

**Title** S-duality in string gas cosmology

**Author(s)** Arapoglu, S; Karakci, A; Kaya, A

**Source** PHYSICS LETTERS B 645 (2-3):255-260 2007

**Times Cited** 7

**ISSN** 0370-2693

**DOI** 10.1016/j.physletb.2006.12.051

**Record 99 of 337**

**Title** Examples of Heun and Mathieu functions as solutions of wave equations in curved spaces

**Author(s)** Birkandan, T; Hortacsu, M

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 40 (5):1105-1116 2007

**Times Cited** 5

**ISSN** 1751-8113

**DOI** 10.1088/1751-8113/40/5/016

**Record 100 of 337**

**Title** A note on intersections of S-branes with p-branes

**Author(s)** Deger, NS

**Source** PHYSICAL REVIEW D 75 (12): Art No. 126002 2007

**Times Cited** 3

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevB.75.126002

**Record 101 of 337**

**Title** Dimensional reduction, Seiberg-Witten map, and supersymmetry

**Author(s)** Saka, EU; Ulker, K

**Source** PHYSICAL REVIEW D 75 (8): Art No. 085009 2007

**Times Cited** 2

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.75.085009

**Record 102 of 337**

**Title** The convective Cahn-Hilliard equation

**Author(s)** Eden, A; Kalantarov, VK

**Source** APPLIED MATHEMATICS LETTERS 20 (4):455-461 2007

**Times Cited** 6

**ISSN** 0893-9659

**DOI** 10.1016/j.aml.2006.05.014

**Record 103 of 337**

**Title** The Woods-Saxon potential with point interactions

**Author(s)** Erkol, H; Demiralp, E

**Source** PHYSICS LETTERS A 365 (1-2):55-63 2007

**Times Cited** 3

**ISSN** 0375-9601

**DOI** 10.1016/j.physleta.2006.12.050

**Record 104 of 337**

**Title** Field-driven hysteresis of the d=3 Ising spin glass: Hard-spin mean-field theory

**Author(s)** Yucesoy, B; Berker, AN

**Source** PHYSICAL REVIEW B 76 (1): Art No. 014417 2007

**Times Cited** 3

**ISSN** 0163-1829

**DOI** 10.1103/PhysRevB.76.014417

**Record 105 of 337**

**Title** Higher correlations of divisor sums related to primes II: Variations of the error term in the prime number theorem

**Author(s)** Goldston, DA; Yildirim, CY

**Source** PROCEEDINGS OF THE LONDON MATHEMATICAL SOCIETY 95199-247 Part 1 2007

**Times Cited** 0

**ISSN** 0024-6115

**Record 106 of 337**

**Title** Griffiths singularities and algebraic order in the exact solution of an Ising model on a fractal modular network

**Author(s)** Hinczewski, M

**Source** PHYSICAL REVIEW E 75 Art No. 061104 2007

**Times Cited** 27

**ISSN** 1063-651X

**DOI** 10.1103/PhysRevE.75.061104

**Record 107 of 337**

**Title** Exact solution of Dirac equation in 2+1 dimensional gravity

**Author(s)** Sucu, Y; Unal, N

**Source** JOURNAL OF MATHEMATICAL PHYSICS 48 (5): Art No. 052503 2007

**Times Cited** 5

**ISSN** 0022-2488

**DOI** 10.1063/1.2735442

**Record 108 of 337**

**Title** Lift of noninvariant solutions of heavenly equations from three to four dimensions and new ultra-hyperbolic metrics

**Author(s)** Malykh, AA; Nutku, Y; Sheftel, MB

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 40 (31):9371-9386 2007

**Times Cited** 5

**ISSN** 1751-8113

**DOI** 10.1088/1751-8113/40/31/014

**Record 109 of 337**

**Title** Semi-universal deformation spaces of some simple elliptic singularities

**Author(s)** Nakamoto, K; Tosun, M

**Source** COMPTES RENDUS MATHEMATIQUE 345 (1):31-34 2007

**Times Cited** 0

**ISSN** 1631-073X

DOI 10.1016/j.crma.2007.05.018

**Record 110 of 337**

**Title** Optical and structural properties of Ta<sub>2</sub>O<sub>5</sub>-CeO<sub>2</sub> thin films

**Author(s)** Saygin-Hinczewski, D; Koc, K; Sorar, I; Hinczewski, M; Tepehan, FZ; Tepehan, GG

**Source** SOLAR ENERGY MATERIALS AND SOLAR CELLS 911726-1732 2007

**Times Cited** 2

**ISSN** 0927-0248

DOI 10.1016/j.solmat.2007.05.029

**Record 111 of 337**

**Title** 3D convective Cahn-Hilliard equation

**Author(s)** Eden, A; Kalantarov, VK

**Source** COMMUNICATIONS ON PURE AND APPLIED ANALYSIS 61075-1086 2007

**Times Cited** 1

**ISSN** 1534-0392

**Record 112 of 337**

**Title** Structure formation of a layer of adatoms on a quasicrystalline substrate: Molecular dynamics study

**Author(s)** Bilki, B; Erbudak, M; Mungan, M; Weisskopf, Y

**Source** PHYSICAL REVIEW B 75 Art No. 045437 2007

**Times Cited** 8

**ISSN** 0163-1829

DOI 10.1103/PhysRevB.75.045437

**Record 113 of 337**

**Title** Electromagnetic properties of Kerr-anti-de Sitter black holes

**Author(s)** Aliev, AN

**Source** PHYSICAL REVIEW D 75 Art No. 084041 2007

**Times Cited** 26

**ISSN** 0556-2821

DOI 10.1103/PhysRevD.75.084041

**Record 114 of 337**

**Title** Another model with interacting composites

**Author(s)** Hortacsu, M; Taskin, F

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS A 2283-93 2007

**Times Cited** 4

**ISSN** 0217-751X

**Record 115 of 337**

**Title** Symbol calculus and zeta-function regularized determinants

**Author(s)** Kaynak, BT; Turgut, OT

**Source** JOURNAL OF MATHEMATICAL PHYSICS 48 (11): Art No. 113501 2007

**Times Cited** 1

**ISSN** 0022-2488

**DOI** 10.1063/1.2801883

**Record 116 of 337**

**Title** Higher correlations of divisor sums related to primes III: Small caps between primes

**Author(s)** Goldston, DA; Yildirim, CY

**Source** PROCEEDINGS OF THE LONDON MATHEMATICAL SOCIETY 95653-686 2007

**Times Cited** 5

**ISSN** 0024-6115

**DOI** 10.1112/plms/pdm021

**Record 117 of 337**

**Title** Gauged system mimicking the Gursev model

**Author(s)** Hortacsu, M; Lutfuoglu, BC; Taskin, F

**Source** MODERN PHYSICS LETTERS A 22 (33):2521-2531 2007

**Times Cited** 1

**ISSN** 0217-7323

**Record 118 of 337**

**Title** Nonrelativistic Lee model in three dimensional Riemannian manifolds

**Author(s)** Erman, F; Turgut, OT

**Source** JOURNAL OF MATHEMATICAL PHYSICS 48 (12): Art No. 122103 2007

**Times Cited** 3

**ISSN** 0022-2488

**DOI** 10.1063/1.2813026

**Record 119 of 337**

**Title** Bose-Einstein condensate in a harmonic trap decorated with Dirac delta functions

**Author(s)** Uncu, H; Tarhan, D; Demiralp, E; Mustecaplioglu, OE

**Source** PHYSICAL REVIEW A 76 Art No. 013618 2007

**Times Cited** 5

**ISSN** 1050-2947

**DOI** 10.1103/PhysRevA.76.013618

**Record 120 of 337**

**Title** Deposition of atoms on a quasicrystalline substrate: Molecular dynamics study in three dimensions

**Author(s)** Mungan, M; Weisskopf, Y; Erbudak, M

**Source** PHYSICAL REVIEW B 76 (19): Art No. 195443 2007

**Times Cited** 7

**ISSN** 0163-1829

**DOI** 10.1103/PhysRevB.76.195443

**Record 121 of 337**

**Title** Some surface singularities obtained via Lie algebras

**Author(s)** Nakamoto, K; Tosun, M; Tosun, M

**Editor(s)** Brasselet, JP; Damon, J; Trang, LD; Oka, M

**Source** Singularities in Geometry and Topology, 2005779-786 2007

**Conference Title** Advanced School and Workshop on Singularities in Geometry and Topology

**Conference Date** AUG 14-SEP 03, 2005

**Conference Location** Trieste, ITALY

**Times Cited** 0

**Record 122 of 337**

**Title**  $N=1/2$  supersymmetric gauge theory in noncommutative space

**Author(s)** Dayi, OF; Kelleyane, LT

**Source** EPL 78 (2): Art No. 21004 2007

**Times Cited** 0

**ISSN** 0295-5075

**DOI** 10.1209/0295-5075/78/21004

**Record 123 of 337**

**Title** Griffiths singularities and algebraic order in the exact solution of an Ising model on a fractal modular network.

**Author(s)** Hinczewski, Michael

**Source** Phys Rev E Stat Nonlin Soft Matter Phys 75 (6 Pt 1):061104 2007

**Times Cited** 0

**ISSN** 1539-3755

**Record 124 of 337**

**Title** On Small Distances Between Ordinates of Zeros of  $\zeta(s)$  and  $\zeta'(s)$

**Author(s)** Garaev, MZ; Yildirim, CY

**Source** INTERNATIONAL MATHEMATICS RESEARCH NOTICES Art No. rnm091 2007

**Times Cited** 0

**ISSN** 1073-7928

**DOI** 10.1093/imrn/rnm091

**Record 125 of 337**

**Title** By Magri's Theorem, Self-Dual Gravity is Completely Integrable

**Author(s)** Nutku, Y

**Source** SYMMETRY INTEGRABILITY AND GEOMETRY-METHODS AND APPLICATIONS 3 Art No. 034 2007



**Times Cited 0**

**Record 126 of 337**

**Title** New Casimir energy calculations for single cavities

**Author(s)** Ahmedov, H; Duru, IH

**Editor(s)** Khanna, F; Matrasulov, D

**Source** Non-linear Dynamics and Fundamental Interactions 213269-275 2006

**Conference Title** NATO Advanced Research Workshop on Non-Linear Dynamics and Fundamental Interactions

**Conference Date** OCT 10-16, 2004

**Conference Location** Tashkent, UZBEKISTAN

**Times Cited 0**

**Record 127 of 337**

**Title** Gravitational field equations in a braneworld with Euler-Poincare' term

**Author(s)** Aliev, AN; Cebeci, H; Dereli, T

**Source** CLASSICAL AND QUANTUM GRAVITY 23 (3):591-601 2006

**Times Cited 10**

**ISSN** 0264-9381

**DOI** 10.1088/0264-9381/23/3/002

**Record 128 of 337**

**Title** Self-dual fields harbored by a Kerr-Taub-bolt instanton

**Author(s)** Aliev, AN; Saclioglu, C

**Source** PHYSICS LETTERS B 632 (5-6):725-727 2006

**Times Cited 5**

**ISSN** 0370-2693

**DOI** 10.1016/j.physletb.2005.11.028

**Record 129 of 337**

**Title** A slowly rotating charged black hole in five dimensions

**Author(s)** Aliev, AN

**Source** MODERN PHYSICS LETTERS A 21 (9):751-757 2006

**Times Cited 26**

**ISSN** 0217-7323

**Record 130 of 337**

**Title** Rotating black holes in higher dimensional Einstein-Maxwell gravity

**Author(s)** Aliev, AN

**Source** PHYSICAL REVIEW D 74 (2): Art No. 024011 2006

**Times Cited 37**

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.74.024011

**Record 131 of 337**

**Title** Finitely many Dirac-delta interactions on Riemannian manifolds

**Author(s)** Altunkaynak, B; Erman, F; Turgut, OT

**Source** JOURNAL OF MATHEMATICAL PHYSICS 47 (8): Art No. 082110 2006

**Times Cited** 2

**ISSN** 0022-2488

**DOI** 10.1063/1.2259581

**Record 132 of 337**

**Title** A noncritical Ramond-Neveu-Schwarz string with one end fixed

**Author(s)** Arapoglu, S; Saclioglu, C

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS A 21 (1):185-204  
2006

**Times Cited** 0

**ISSN** 0217-751X

**Record 133 of 337**

**Title** Gravitational energy-momentum density in Bianchi type II space-times

**Author(s)** Aydogdu, O

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS D 15 (4):459-468  
2006

**Times Cited** 11

**ISSN** 0218-2718

**Record 134 of 337**

**Title** Antenatal diagnosis of velocardiofacial syndrome by 3D ultrasonography

**Author(s)** Basgul, A; Kavak, ZN; Kotiloglu, E; Akman, I; Akalin, F; Elcioglu, N;  
Sav, A

**Source** JOURNAL OF PERINATAL MEDICINE 34 (2):177-178 2006

**Times Cited** 0

**ISSN** 0300-5577

**DOI** 10.1515/JPM.2006.032

**Record 135 of 337**

**Title** Thoraco-omphalopagus conjoined twins detected at as early as 9 weeks of gestation: Transvaginal two-dimensional ultrasound, color Doppler and fetoplacental Doppler velocity waveform findings

**Author(s)** Basgul, A; Kavak, ZN; Sezen, D; Basgul, A; Gokaslan, H

**Source** FETAL DIAGNOSIS AND THERAPY 21 (5):477-480 2006

**Times Cited** 5

**ISSN** 1015-3837

**DOI** 10.1159/000093893

**Record 136 of 337**

**Title** Canonical bases for real representations of Clifford algebras

**Author(s)** Bilge, AH; Kocak, S; Uguz, S

**Source** LINEAR ALGEBRA AND ITS APPLICATIONS 419 (2-3):417-439 2006

**Times Cited** 0

**ISSN** 0024-3795

**DOI** 10.1016/j.laa.2006.01.034

**Record 137 of 337**

**Title** Dirac constraint analysis and symplectic structure of anti-self-dual Yang-Mills equations

**Author(s)** Camci, U; Can, Z; Nutku, Y; Sucu, Y; Yazici, D

**Source** PRAMANA-JOURNAL OF PHYSICS 67 (6):1043-1053 2006

**Times Cited** 0

**ISSN** 0304-4289

**Record 138 of 337**

**Title** N=1 supersymmetric Yang-Mills theory in d=4 and its Batalin-Vilkovisky quantization by spinor superfields

**Author(s)** Dayi, OF

**Source** MODERN PHYSICS LETTERS A 21 (28):2161-2169 2006

**Times Cited** 0

**ISSN** 0217-7323

**Record 139 of 337**

**Title** New supersymmetric solutions in N=2 matter coupled AdS(3) supergravities

**Author(s)** Deger, NS; Sarioglu, O

**Source** JOURNAL OF HIGH ENERGY PHYSICS (8): Art No. 078 2006

**Times Cited** 1

**ISSN** 1029-8479

**Record 140 of 337**

**Title** Standing waves for a generalized Davey-Stewartson system

**Author(s)** Eden, A; Erbay, S

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 39 (43): 13435-13444 2006

**Times Cited** 8

**ISSN** 0305-4470

**DOI** 10.1088/0305-4470/39/43/003

**Record 141 of 337**

**Title** Small gaps between primes exist

**Author(s)** Goldston, DA; Motohashi, Y; Pintz, J; Yildirim, CY

**Source** PROCEEDINGS OF THE JAPAN ACADEMY SERIES A-MATHEMATICAL SCIENCES 82 (4):61-65 2006

**Times Cited** 9

**ISSN** 0386-2194

**Record 142 of 337**

**Title**  $d=3$  anisotropic and  $d=2$  tJ models: phase diagrams, thermodynamic properties, and chemical potential shift

**Author(s)** Hinczewski, M; Berker, AN

**Source** EUROPEAN PHYSICAL JOURNAL B 51 (4):461-472 2006

**Times Cited** 4

**ISSN** 1434-6028

**DOI** 10.1140/epjb/e2006-00258-x

**Record 143 of 337**

**Title** Inverted Berezinskii-Kosterlitz-Thouless singularity and high-temperature algebraic order in an Ising model on a scale-free hierarchical-lattice small-world network.

**Author(s)** Hinczewski, Michael; Nihat Berker, A

**Source** Phys Rev E Stat Nonlin Soft Matter Phys 73 (6 Pt 2):066126 2006

**Times Cited** 0

**ISSN** 1539-3755

**Record 144 of 337**

**Title** Inverted Berezinskii-Kosterlitz-Thouless singularity and high-temperature algebraic order in an Ising model on a scale-free hierarchical-lattice small-world network

**Author(s)** Hinczewski, M; Berker, AN

**Source** PHYSICAL REVIEW E 73 Art No. 066126 2006

**Times Cited** 79

**ISSN** 1063-651X

**DOI** 10.1103/PhysRevE.73.066126

**Record 145 of 337**

**Title** A model with interacting composites

**Author(s)** Hortacsu, M; Lutfuoglu, BC

**Source** MODERN PHYSICS LETTERS A 21 (8):653-661 2006

**Times Cited** 5

**ISSN** 0217-7323

**Record 146 of 337**

**Title** Mehmet Nadir: An amateur mathematician in Ottoman Turkey

**Author(s)** Inonu, E

**Source** HISTORIA MATHEMATICA 33 (2):234-242 2006

**Times Cited** 0

**ISSN** 0315-0860

**DOI** 10.1016/j.hm.2005.07.002

**Record 147 of 337**

**Title** 6D dyonic string with active hyperscalars

**Author(s)** Jong, DC; Kaya, A; Sezgin, E

**Source** JOURNAL OF HIGH ENERGY PHYSICS (11): Art No. 047 2006

**Times Cited** 7

**ISSN** 1029-8479

**Record 148 of 337**

**Title** Supergravity solutions for harmonic, static and flux S-branes

**Author(s)** Kaya, A

**Source** JOURNAL OF HIGH ENERGY PHYSICS (5): Art No. 058 2006

**Times Cited** 3

**ISSN** 1029-8479

**Record 149 of 337**

**Title** Critical behavior of thermal phase transitions of iota-carrageenan in CaCl<sub>2</sub> solution

**Author(s)** Ozbek, H; Pekcan, O

**Source** PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS 36769-78 2006

**Times Cited** 2

**ISSN** 0378-4371

**DOI** 10.1016/j.physa.2005.09.073

**Record 150 of 337**

**Title** Random walks with shrinking steps: First-passage characteristics

**Author(s)** Rador, T; Taneri, S

**Source** PHYSICAL REVIEW E 73 (3): Art No. 036118 Part 2 2006

**Times Cited** 1

**ISSN** 1063-651X

**DOI** 10.1103/PhysRevE.73.036118

**Record 151 of 337**

**Title** Bound state solutions of the Schrodinger equation for a PT-symmetric potential with Dirac delta functions

**Author(s)** Uncu, H; Demiralp, E

**Source** PHYSICS LETTERS A 359 (3):190-198 2006

**Times Cited** 6

**ISSN** 0375-9601

**DOI** 10.1016/j.physleta.2006.06.034

**Record 152 of 337**

**Title** Effect of smoking on pregnancy-associated plasma protein A, free beta-human chorionic gonadotropin, and nuchal translucency in the first trimester of pregnancy

**Author(s)** Yigiter, AB; Kavak, ZN; Bakirci, N; Gokaslan, H

**Source** ADVANCES IN THERAPY 23 (1):131-138 2006

**Times Cited** 9

ISSN 0741-238X

**Record 153 of 337**

**Title** Regularized Green's function and group of reflections in a cavity with triangular cross section

**Author(s)** Ahmedov, H; Duru, IH

**Source** PHYSICS OF ATOMIC NUCLEI 68 (10):1621-1624 2005

**Conference Title** 10th International Conference on Symmetry Methods in Physics

**Conference Date** AUG 13-19, 2003

**Conference Location** Yerevan, ARMENIA

**Times Cited** 1

ISSN 1063-7788

**Record 154 of 337**

**Title** Casimir energy for a wedge with three surfaces and for a pyramidal cavity

**Author(s)** Ahmedov, H; Duru, IH

**Source** JOURNAL OF MATHEMATICAL PHYSICS 46 (2): Art No. 022303 2005

**Times Cited** 6

ISSN 0022-2488

DOI 10.1063/1.1835546

**Record 155 of 337**

**Title** Casimir energy in a conical wedge and a conical cavity

**Author(s)** Ahmedov, H; Duru, IH

**Source** JOURNAL OF MATHEMATICAL PHYSICS 46 (2): Art No. 022304 2005

**Times Cited** 3

ISSN 0022-2488

DOI 10.1063/1.1835547

**Record 156 of 337**

**Title** Charged rotating black holes on a 3-brane

**Author(s)** Aliev, AN; Gumrukcuoglu, AE

**Source** PHYSICAL REVIEW D 71 (10): Art No. 104027 2005

**Times Cited** 63

ISSN 0556-2821

DOI 10.1103/PhysRevD.71.104027

**Record 157 of 337**

**Title** Early phases of different types of isolated neutron star

**Author(s)** Ankay, A; Sahin, S; Karanfil, G; Yazgan, E; TUBITAK

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS D 14 (6): 1075-1082 2005

**Times Cited** 1

ISSN 0218-2718

**Record 158 of 337**

**Title** Towards the classification of scalar nonpolynomial evolution equations: Quasilinearity

**Author(s)** Bilge, AH

**Source** COMPUTERS & MATHEMATICS WITH APPLICATIONS 49 (11-12): 1837-1848 2005

**Times Cited** 1

**ISSN** 0898-1221

**DOI** 10.1016/j.camwa.2004.09.014

**Record 159 of 337**

**Title** Axi-dilaton gravity in  $D \geq 4$  dimensional space-times with torsion

**Author(s)** Cebeci, H; Dereli, T

**Source** PHYSICAL REVIEW D 71 (2): Art No. 024016 2005

**Times Cited** 1

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.71.024016

**Record 160 of 337**

**Title** Duality invariance of non-anticommutative  $N=1/2$  supersymmetric  $U(1)$  gauge theory

**Author(s)** Dayi, OF; Kelleyane, LT; Ulker, K

**Source** JOURNAL OF HIGH ENERGY PHYSICS (10): Art No. 035 2005

**Times Cited** 2

**ISSN** 1029-8479

**Record 161 of 337**

**Title** Steady-state cavitating nozzle flows with nucleation

**Author(s)** Delale, CF; Okita, K; Matsumoto, Y

**Source** JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME 127 (4):770-777 2005

**Times Cited** 3

**ISSN** 0098-2202

**DOI** 10.1115/1.1949643

**Record 162 of 337**

**Title** Direct numerical simulations of shock propagation in bubbly liquids

**Author(s)** Delale, CF; Nas, S; Tryggvason, G

**Source** PHYSICS OF FLUIDS 17 (12): Art No. 121705 2005

**Times Cited** 7

**ISSN** 1070-6631

**DOI** 10.1063/1.2158431

**Record 163 of 337**

**Title** String theory in the Penrose limit of  $AdS(2) \times S^2$  spacetime

**Author(s)** Deliduman, C; Kaynak, BT  
**Source** PHYSICAL REVIEW D 71 (10): Art No. 106005 2005  
**Times Cited** 1  
**ISSN** 0556-2821  
**DOI** 10.1103/PhysRevD.71.106005

**Record 164 of 337**

**Title** Properties of a pseudo-Hermitian Hamiltonian for harmonic oscillator decorated with Dirac delta interactions  
**Author(s)** Demiralp, E  
**Source** CZECHOSLOVAK JOURNAL OF PHYSICS 55 (9):1081-1084 2005  
**Conference Title** 3rd International Workshop on Pseudo-Hermitian Hamiltonians in Quantum Physics  
**Conference Date** JUN 20-22, 2005  
**Conference Location** Koc Univ, Istanbul, TURKEY  
**Times Cited** 6  
**ISSN** 0011-4626

**Record 165 of 337**

**Title** Bound states of n-dimensional harmonic oscillator decorated with Dirac delta functions  
**Author(s)** Demiralp, E  
**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 38 (22): 4783-4793 2005  
**Times Cited** 7  
**ISSN** 0305-4470  
**DOI** 10.1088/0305-4470/38/22/003

**Record 166 of 337**

**Title** Phase diagrams and crossover in spatially anisotropic d=3 Ising, XY magnetic, and percolation systems: Exact renormalization-group solutions of hierarchical models  
**Author(s)** Erbas, A; Tuncer, A; Yucesoy, B; Berker, AN  
**Source** PHYSICAL REVIEW E 72 (2): Art No. 026129 Part 2 2005  
**Times Cited** 13  
**ISSN** 1063-651X  
**DOI** 10.1103/PhysRevE.72.026129

**Record 167 of 337**

**Title** Symmetry reduction in the variational approach to Liouville dynamics  
**Author(s)** Gaeta, G; Morando, P; Turgut, OT  
**Source** INTERNATIONAL JOURNAL OF GEOMETRIC METHODS IN MODERN PHYSICS 2 (4):657-674 2005  
**Times Cited** 2



ISSN 0219-8878

**Record 168 of 337**

**Title** Searching for runaway OB stars in Supernova remnants

**Author(s)** Guseinov, OH; Ankay, A; Tagieva, SO

**Source** ASTROPHYSICS 48 (3):330-343 2005

**Times Cited** 0

ISSN 0571-7256

DOI 10.1007/s10511-005-0031-6

**Record 169 of 337**

**Title** Influence of neutron star parameters on evolutions of different types of pulsar

**Author(s)** Guseinov, OH; Ankay, A; Tagieva, SO

**Source** ASTROPHYSICS AND SPACE SCIENCE 298 (4):553-558 2005

**Times Cited** 3

ISSN 0004-640X

**Record 170 of 337**

**Title** Birth rates of different types of neutron stars and possible evolutions of these objects

**Author(s)** Guseinov, OH

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS D 14 (3-4): 643-656 2005

**Times Cited** 2

ISSN 0218-2718

**Record 171 of 337**

**Title** Influences of physical parameters of neutron stars on the IR positions on the P-(P)over dot diagram

**Author(s)** Guseinov, OH; Ankay, A; Tagieva, SO

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS D 14 (8): 1465-1471 2005

**Times Cited** 2

ISSN 0218-2718

**Record 172 of 337**

**Title** Influences of physical parameters of neutron stars on the IR positions on the P-P diagram (vol 14, pg 1465, 2005)

**Author(s)** Guseinov, OH; Ankay, A; Tagieva, SO

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS D 14 (10): 1837-1837 2005

**Times Cited** 0

ISSN 0218-2718

**Record 173 of 337**

**Title** Two superconducting phases in the d=3 Hubbard model - Phase diagram and specific heat from renormalization-group calculations.

**Author(s)** Hinczewski, M; Berker, AN

**Source** EUROPEAN PHYSICAL JOURNAL B 48 (1):1-17 2005

**Times Cited** 6

**ISSN** 1434-6028

**DOI** 10.1140/epjb/e2005-00376-y

**Record 174 of 337**

**Title** Optical filters from SiO<sub>2</sub> and TiO<sub>2</sub> multi-layers using sol-gel spin coating method

**Author(s)** Hinczewski, DS; Hinczewski, M; Tepehan, FZ; Tepehan, GG

**Source** SOLAR ENERGY MATERIALS AND SOLAR CELLS 87 (1-4):181-196 2005

**Conference Title** International Conference on Physics, Chemistry and Engineering of Solar Cells

**Conference Date** MAY 13-15, 2004

**Conference Location** Univ Extremadura, Sch Ind Engn, Badajoz, SPAIN

**Times Cited** 9

**ISSN** 0927-0248

**DOI** 10.1016/j.solmat.2004.07.022

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**Title** Multicritical point relations in three dual pairs of hierarchical-lattice Ising spin glasses

**Author(s)** Hinczewski, M; Berker, AN

**Source** PHYSICAL REVIEW B 72 (14): Art No. 144402 2005

**Times Cited** 13

**ISSN** 0163-1829

**DOI** 10.1103/PhysRevB.72.144402

**Record 176 of 337**

**Title** Multi-Hamiltonian structure of Plebanski's second heavenly equation

**Author(s)** Neyzi, F; Nutku, Y; Sheftel, MB

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 38 (39): 8473-8485 2005

**Times Cited** 8

**ISSN** 0305-4470

**DOI** 10.1088/0305-4470/38/39/012

**Record 177 of 337**

**Title** Electrovac pp-waves

**Author(s)** Nutku, Y

**Source** CLASSICAL AND QUANTUM GRAVITY 22 (9):L43-L45 2005

**Times Cited 2**

ISSN 0264-9381

DOI 10.1088/0264-9381/22/9/L01

**Record 178 of 337**

**Title** Spinning cosmic strings: A general class of solutions

**Author(s)** Ozdemir, N

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS A 20 (13):  
2821-2832 2005

**Times Cited 1**

ISSN 0217-751X

**Record 179 of 337**

**Title** Percolation of a bit-string model

**Author(s)** Taneri, S

**Source** EUROPEAN PHYSICAL JOURNAL B 47417-422 2005

**Times Cited 1**

ISSN 1434-6028

DOI 10.1140/epjb/e2005-00335-8

**Record 180 of 337**

**Title** Solutions of the Schrodinger equation for Dirac delta decorated linear potential

**Author(s)** Uncu, H; Erkol, H; Demiralp, E; Beker, H

**Source** CENTRAL EUROPEAN JOURNAL OF PHYSICS 3 (2):303-323 2005

**Times Cited 3**

ISSN 1644-3608

**Record 181 of 337**

**Title** Synthesis and liquid crystalline behavior of random copolymer of poly(ethylene oxide) macromonomer and liquid crystalline monomer by the photon transmission technique

**Author(s)** Yildiz, S; Yilmaz, F; Ozbek, H; Pekcan, O; Ito, K; Yagci, Y

**Source** JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED  
CHEMISTRY A42 (12):1573-1588 2005

**Times Cited 1**

ISSN 1060-1325

DOI 10.1080/10601320500246602

**Record 182 of 337**

**Title** Casimir energy inside a cavity with triangular cross section

**Author(s)** Ahmedov, H; Duru, IH

**Source** JOURNAL OF MATHEMATICAL PHYSICS 45 (3):965-977 2004

**Times Cited 4**

ISSN 0022-2488

DOI 10.1063/1.1643196

**Record 183 of 337**

**Title** Multispin giants

**Author(s)** Arapoglu, S; Deger, NS; Kaya, A; Sezgin, E; Sundell, P

**Source** PHYSICAL REVIEW D 69 (10): Art No. 106006 2004

**Times Cited** 10

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.69.106006

**Record 184 of 337**

**Title** Decomposition of tensor product representations of the unitary matrix quantum group  $SU_q(2)$

**Author(s)** Arik, M; Peker-Dobie, A

**Source** JOURNAL OF MATHEMATICAL PHYSICS 45 (3):1150-1155 2004

**Times Cited** 0

**ISSN** 0022-2488

**DOI** 10.1063/1.1644753

**Record 185 of 337**

**Title** Hall effect in noncommutative coordinates (vol 43, pg 4592, 2002)

**Author(s)** Dayi, OF; Jellal, A

**Source** JOURNAL OF MATHEMATICAL PHYSICS 45 (2):827-827 2004

**Times Cited** 9

**ISSN** 0022-2488

**DOI** 10.1063/1.1636511

**Record 186 of 337**

**Title** A bubble fission model for collapsing cavitation bubbles

**Author(s)** Delale, CF; Tunc, M

**Source** PHYSICS OF FLUIDS 16 (11):4200-4203 2004

**Times Cited** 5

**ISSN** 1070-6631

**DOI** 10.1063/1.1808112

**Record 187 of 337**

**Title** Environments of supernova remnants which contain different types of neutron star

**Author(s)** Guseinov, OH; Ankey, A; Tagieva, SO

**Source** ASTROPHYSICS AND SPACE SCIENCE 289 (1-2):23-45 2004

**Times Cited** 4

**ISSN** 0004-640X

**Record 188 of 337**

**Title** Dependence of the X-ray luminosity and pulsar wind nebula on different parameters of pulsars and the evolutionary effects

**Author(s)** Guseinov, OH; Ankey, A; Tagieva, SO; Taskin, MO

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS D 13 (2):197-213  
2004

**Times Cited** 7

**ISSN** 0218-2718

**Record 189 of 337**

**Title** Critical exponents of thermal phase transitions in kappa-carrageenan-water system

**Author(s)** Ozbek, H; Pekcan, O

**Source** JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM 676 (1-3):  
19-27 2004

**Times Cited** 6

**ISSN** 0166-1280

**DOI** 10.1016/j.theochem.2004.01.033

**Record 190 of 337**

**Title** Multi-black holes solution with cosmic strings

**Author(s)** Ozdemir, F; Odemir, N; Kaynak, BT

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS A 19 (10):  
1549-1557 2004

**Times Cited** 3

**ISSN** 0217-751X

**Record 191 of 337**

**Title** Maxwell equations in the spinning cosmic string spacetimes

**Author(s)** Ozdemir, F; Ozdemir, N

**Source** GENERAL RELATIVITY AND GRAVITATION 36 (9):2053-2062 2004

**Times Cited** 0

**ISSN** 0001-7701

**Record 192 of 337**

**Title** Continuum space model for folding of the protein crambin

**Author(s)** Taneri, S

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS C 15 (4):575-582  
2004

**Times Cited** 1

**ISSN** 0129-1831

**Record 193 of 337**

**Title** Scaling of thermal hysteresis at nematic-smectic-A phase transition in a binary mixture

**Author(s)** Yildiz, S; Pekcan, O; Berker, AN; Ozbek, H

**Source** PHYSICAL REVIEW E 69 (3): Art No. 031705 Part 1 2004

**Times Cited** 5

**ISSN** 1063-651X

**DOI** 10.1103/PhysRevE.69.031705

**Record 194 of 337**

**Title** Five-dimensional rotating black hole in a uniform magnetic field: The gyromagnetic ratio

**Author(s)** Aliev, AN; Frolov, VP

**Source** PHYSICAL REVIEW D 69 (8): Art No. 084022 2004

**Times Cited** 36

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.69.084022

**Record 195 of 337**

**Title** Gravitational field equations on and off a 3-brane world

**Author(s)** Aliev, AN; Gumrukcuoglu, AE

**Source** CLASSICAL AND QUANTUM GRAVITY 21 (22):5081-5095 2004

**Times Cited** 53

**ISSN** 0264-9381

**DOI** 10.1088/0264-9381/21/22/005

**Record 196 of 337**

**Title** A note on supergravity solutions for partially localized intersecting branes

**Author(s)** Arapoglu, S; Deger, NS; Kaya, A

**Source** PHYSICS LETTERS B 578 (1-2):203-209 2004

**Times Cited** 3

**ISSN** 0370-2693

**DOI** 10.1016/j.physletb.2003.08.079

**Record 197 of 337**

**Title** Hidden twelve-dimensional super Poincare symmetry in eleven dimensions

**Author(s)** Bars, I; Deliduman, C; Pasqua, A; Zumino, B

**Source** PHYSICAL REVIEW D 69 (10): Art No. 106007 2004

**Times Cited** 2

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.69.106007

**Record 198 of 337**

**Title** Equivalence of partition functions for noncommutative U(1) gauge theory and its dual in phase space

**Author(s)** Dayi, OF; Yapisikan, B

**Source** JOURNAL OF HIGH ENERGY PHYSICS (11): Art No. 064 2004

**Times Cited** 2

**ISSN** 1029-8479

**Record 199 of 337**

**Title** The relations between generalized fields and superfields formalisms of the Batalin-Vilkovisky method of quantization

**Author(s)** Dayi, OF

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS A 19 (14): 2339-2353 2004

**Times Cited** 2

**ISSN** 0217-751X

**Record 200 of 337**

**Title** Supersymmetric strings and waves in D=3, N=2 matter coupled gauged supergravities

**Author(s)** Deger, NS; Sarioglu, O

**Source** JOURNAL OF HIGH ENERGY PHYSICS Art No. 039 2004

**Times Cited** 4

**ISSN** 1029-8479

**Record 201 of 337**

**Title** Consistent S-2 Pauli reduction of six-dimensional chiral gauged Einstein-Maxwell supergravity

**Author(s)** Gibbons, GW; Pope, CN

**Source** NUCLEAR PHYSICS B 697 (1-2):225-242 2004

**Times Cited** 13

**ISSN** 0550-3213

**DOI** 10.1016/j.nuclphysb.2004.07.016

**Record 202 of 337**

**Title** The strong magnetic field decay and evolution of radio pulsars on the P-P diagram

**Author(s)** Guseinov, OH; Ankey, A; Tagieva, SO

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS D 13 (9): 1805-1815 2004

**Times Cited** 2

**ISSN** 0218-2718

**Record 203 of 337**

**Title** Non-Gaussian path integration in self-interacting scalar field theories

**Author(s)** Kaya, A

**Source** PHYSICAL REVIEW D 70 (8): Art No. 085001 2004

**Times Cited** 0

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.70.085001

**Record 204 of 337**

**Title** Partner symmetries and non-invariant solutions of four-dimensional heavenly equations

**Author(s)** Malykh, AA; Nutku, Y; Sheftel, MB

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 37 (30): 7527-7545 2004

**Times Cited** 10

**ISSN** 0305-4470

**DOI** 10.1088/0305-4470/37/30/010

**Record 205 of 337**

**Title**  $N=2$  super-Yang-Mills action and BRST cohomology

**Author(s)** Ulker, K

**Source** MODERN PHYSICS LETTERS A 19 (9):713-726 2004

**Times Cited** 1

**ISSN** 0217-7323

**Record 206 of 337**

**Title** Volume stabilization and acceleration in brane gas cosmology

**Author(s)** Kaya, A

**Source** JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS (8): Art No. 014 2004

**Times Cited** 17

**ISSN** 1475-7516

**DOI** 10.1088/1475-7516/2004/08/014

**Record 207 of 337**

**Title** On the nonrelativistic Lee model

**Author(s)** Ayan, A; Turgut, OT

**Source** JOURNAL OF MATHEMATICAL PHYSICS 44 (12):5504-5516 2003

**Times Cited** 0

**ISSN** 0022-2488

**DOI** 10.1063/1.1624093

**Record 208 of 337**

**Title** Homogeneous bubble nucleation in liquids: The classical theory revisited

**Author(s)** Delale, CF; Hruby, J; Marsik, F

**Source** JOURNAL OF CHEMICAL PHYSICS 118 (2):792-806 2003

**Times Cited** 16

**ISSN** 0021-9606

**DOI** 10.1063/1.1525797

**Record 209 of 337**

**Title** Numerical tests of dynamical friction in gravitational inhomogeneous systems

**Author(s)** Del Popolo, A

**Source** ASTRONOMY & ASTROPHYSICS 406 (1):1-5 2003



**Times Cited** 3

**ISSN** 0004-6361

**DOI** 10.1051/0004-6361:20030665

**Record 210 of 337**

**Title** Improvements in the M-T relation, mass function, and measured value of  $\Omega(m)$  through cluster evolution

**Author(s)** Del Popolo, A

**Source** ASTROPHYSICAL JOURNAL 599 (2):723-737 Part 1 2003

**Times Cited** 5

**ISSN** 0004-637X

**Record 211 of 337**

**Title** Structural and electronic properties of novel nanoscale  $C_4nS_4n$  molecules

**Author(s)** Demiralp, E

**Source** JOURNAL OF MOLECULAR STRUCTURE-THEOCHEM 635125-131 2003

**Times Cited** 0

**ISSN** 0166-1280

**DOI** 10.1016/S0166-1280(03)00410-X

**Record 212 of 337**

**Title** Properties of bound states of the Schrodinger equation with attractive Dirac delta potentials

**Author(s)** Demiralp, E; Beker, H

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 36 (26): 7449-7459 Art No. PII S0305-4470(03)59876-6 2003

**Times Cited** 9

**ISSN** 0305-4470

**Record 213 of 337**

**Title** Hydrophobic models of protein folding and the thermodynamics of chain-boundary interactions

**Author(s)** Erzan, A; Tuzel, E

**Source** BRAZILIAN JOURNAL OF PHYSICS 33 (3):573-588 2003

**Times Cited** 1

**ISSN** 0103-9733

**Record 214 of 337**

**Title** Removal of the difference between characteristic and real age in the magnetar model from the analysis of spectral properties of AXPs, SGRs and DRQNSs

**Author(s)** Guseinov, OH; Taskin, O; Yazgan, E; Tagieva, S

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS D 12 (8): 1333-1362 2003

**Times Cited** 4

ISSN 0218-2718

**Record 215 of 337**

**Title** Properties of solutions in 2+1 dimensions

**Author(s)** Hortacsu, M; Ozcelik, HT; Yapiskan, B

**Source** GENERAL RELATIVITY AND GRAVITATION 35 (7):1209-1221 2003

**Times Cited** 11

ISSN 0001-7701

**Record 216 of 337**

**Title** Fiftieth anniversary of group contractions

**Author(s)** Inonu, E

**Editor(s)** Kursunoglu, BN; Camcigil, M; Mintz, SL; Perlmutter, A

**Source** SHORT DISTANCE BEHAVIOR OF FUNDAMENTAL INTERACTIONS 6723-11 2003

**Conference Title** 31st Coral Gables Conference on High Energy Physics and Cosmology

**Conference Date** DEC 11-14, 2002

**Conference Location** FT LAUDERDALE, FL

**Times Cited** 0

ISSN 0094-243X

**Record 217 of 337**

**Title** The influence of cultural factors on scientific production

**Author(s)** Inonu, E

**Source** SCIENTOMETRICS 56 (1):137-146 2003

**Times Cited** 15

ISSN 0138-9130

**Record 218 of 337**

**Title** Study of phase transitions in liquid crystalline side group polymers via photon transmission method

**Author(s)** Ozbek, H; Yildiz, S; Pekcan, O; Hepuzer, Y; Yagci, Y; Galli, G

**Source** MATERIALS CHEMISTRY AND PHYSICS 78 (2):318-322 Art No. PII S0254-0584(02)00300-0 2003

**Times Cited** 0

ISSN 0254-0584

**Record 219 of 337**

**Title** Gravitomagnetic effects and cosmic strings

**Author(s)** Ozdemir, N

**Source** CLASSICAL AND QUANTUM GRAVITY 20 (20):4409-4417 Art No. PII S0264-9381(03)63214-4 2003

**Times Cited** 3

ISSN 0264-9381

**Record 220 of 337**

**Title** Finite size effects in cooperative molecular motors

**Author(s)** Taneri, S; Yalabik, MC

**Source** PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS 327 (3-4):291-303 2003

**Times Cited** 1

**ISSN** 0378-4371

**DOI** 10.1016/S0378-4371(03)00516-8

**Record 221 of 337**

**Title** Casimir force between surfaces close to each other

**Author(s)** Ahmedov, H; Duru, IH

**Source** JOURNAL OF MATHEMATICAL PHYSICS 44 (12):5487-5503 2003

**Times Cited** 4

**ISSN** 0022-2488

**DOI** 10.1063/1.1624471

**Record 222 of 337**

**Title** Invariance quantum group of the fermionic oscillator

**Author(s)** Arik, M; Gun, S; Yildiz, A

**Source** EUROPEAN PHYSICAL JOURNAL C 27 (3):453-455 2003

**Times Cited** 12

**ISSN** 1434-6044

**DOI** 10.1140/epjc/s2002-01097-x

**Record 223 of 337**

**Title** Superstar in noncommutative superspace via covariant quantization of the superparticle

**Author(s)** Bars, I; Deliduman, C; Pasqua, A; Zumino, B

**Source** PHYSICAL REVIEW D 68 (10): Art No. 106006 2003

**Times Cited** 10

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.68.106006

**Record 224 of 337**

**Title** Duals of noncommutative supersymmetric U(1) gauge theory

**Author(s)** Dayi, OF; Ulker, K; Yapiskan, B

**Source** JOURNAL OF HIGH ENERGY PHYSICS (10): Art No. 010 2003

**Times Cited** 9

**ISSN** 1029-8479

**Record 225 of 337**

**Title** Noncommutative Maxwell-Chern-Simons theory, duality and a new noncommutative Chern-Simons theory in  $d=3$

**Author(s)** Dayi, OF

**Source** PHYSICS LETTERS B 560 (3-4):239-244 2003

**Times Cited** 17

**ISSN** 0370-2693

**DOI** 10.1016/S0370-2693(03)00413-1

**Record 226 of 337**

**Title** Non-standard intersections of S-branes in D=11 supergravity

**Author(s)** Deger, NS

**Source** JOURNAL OF HIGH ENERGY PHYSICS (4): Art No. 034 2003

**Times Cited** 12

**ISSN** 1029-8479

**Record 227 of 337**

**Title** AdS(2) d-branes in Lorentzian AdS(3)

**Author(s)** Deliduman, C

**Source** PHYSICAL REVIEW D 68 (6): Art No. 066006 2003

**Times Cited** 6

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.68.066006

**Record 228 of 337**

**Title** Measuring Omega(m) using clusters evolution

**Author(s)** Del Popolo, A

**Source** ASTRONOMY & ASTROPHYSICS 408 (1):43-49 2003

**Times Cited** 2

**ISSN** 0004-6361

**DOI** 10.1051/0004-6361:20030954

**Record 229 of 337**

**Title** Evolution of planetesimal discs and planetary migration

**Author(s)** Del Popolo, A; Yesilyurt, S; Ercan, EN

**Source** MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY 339 (2):556-568 2003

**Times Cited** 4

**ISSN** 0035-8711

**Record 230 of 337**

**Title** Wrapped branes and compact extra dimensions in cosmology

**Author(s)** Kaya, A; Rador, T

**Source** PHYSICS LETTERS B 565 (1-4):19-26 2003

**Times Cited** 29

**ISSN** 0370-2693

**DOI** 10.1016/S0370-2693(03)00760-3

**Record 231 of 337**

**Title** Open cosmic strings in black hole space-times

**Author(s)** Kaya, A

**Source** PHYSICAL REVIEW D 67 (2): Art No. 024013 2003

**Times Cited** 0

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.67.024013

**Record 232 of 337**

**Title** On winding branes and cosmological evolution of extra dimensions in string theory

**Author(s)** Kaya, A

**Source** CLASSICAL AND QUANTUM GRAVITY 20 (21):4533-4549 Art No. PII S0264-9381(03)60279-0 2003

**Times Cited** 26

**ISSN** 0264-9381

**Record 233 of 337**

**Title** Partner symmetries of the complex Monge-Ampere equation yield hyper-Kahler metrics without continuous symmetries

**Author(s)** Malykh, AA; Nutku, Y; Sheftel, MB

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 36 (39): 10023-10037 Art No. PII S0305-4470(03)63512-2 2003

**Times Cited** 9

**ISSN** 0305-4470

**Record 234 of 337**

**Title** Anti-self-dual Riemannian metrics without Killing vectors: can they be realized on  $K^3$ ?

**Author(s)** Malykh, AA; Nutku, Y; Sheftel, MB

**Source** CLASSICAL AND QUANTUM GRAVITY 20 (22):L263-L266 Art No. PII S0264-9381(03)60317-5 2003

**Times Cited** 3

**ISSN** 0264-9381

**Record 235 of 337**

**Title** Quantization with maximally degenerate Poisson brackets: the harmonic oscillator!

**Author(s)** Nutku, Y

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 36 (27): 7559-7567 Art No. PII S0305-4470(03)58885-0 2003

**Times Cited** 9

**ISSN** 0305-4470

**Record 236 of 337**

**Title** Method of group foliation, hodograph transformation, and noninvariant solutions of the heavenly equation

**Author(s)** Sheftel, MB

**Source** THEORETICAL AND MATHEMATICAL PHYSICS 137 (3):1743-1752  
2003

**Conference Title** 16th International Conference on Nonlinear Evolution Equations and Dynamical Systems

**Conference Date** JUN 10-15, 2002

**Conference Location** UNIV CADIZ, CADIZ, SPAIN

**Times Cited** 1

**ISSN** 0040-5779

**Record 237 of 337**

**Title** Do young neutron stars which show themselves as AXPs and SGRs accrete?

**Author(s)** Tagieva, SO; Yazgan, E; Ankay, A

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS D 12 (5):825-831  
2003

**Times Cited** 3

**ISSN** 0218-2718

**Record 238 of 337**

**Title** On two dimensional coupled bosons and fermions

**Author(s)** Turgut, OT

**Source** JOURNAL OF MATHEMATICAL PHYSICS 44 (1):198-219 2003

**Times Cited** 1

**ISSN** 0022-2488

**DOI** 10.1063/1.1516846

**Record 239 of 337**

**Title**  $N=2$  super Yang-Mills action as a Becchi-Rouet-Stora-Tyutin term, topological Yang-Mills action, and instantons

**Author(s)** Ulker, K

**Source** PHYSICAL REVIEW D 68 (8): Art No. 085005 2003

**Times Cited** 1

**ISSN** 0556-2821

**DOI** 10.1103/PhysRevD.68.085005

**Record 240 of 337**

**Title** Planetary migration in evolving planetesimal disks

**Author(s)** Yesilyurt, IS; Ercan, EN; Del Popolo, A

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS D 12 (8):  
1399-1414 2003

**Times Cited** 1

**ISSN** 0218-2718

**Record 241 of 337**

**Title** High temperature behavior of a two-parameter deformed quantum group fermion gas

**Author(s)** Algin, A; Arik, M; Arikan, AS

**Source** PHYSICAL REVIEW E 65 (2): Art No. 026140 Part 2 2002

**Times Cited** 19

**ISSN** 1063-651X

**DOI** 10.1103/PhysRevE.65.026140

**Record 242 of 337**

**Title** Thermal damping in cavitating nozzle flows

**Author(s)** Delale, CF

**Source** JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME 124 (4):969-976 2002

**Times Cited** 2

**ISSN** 0098-2202

**DOI** 10.1115/1.1511163

**Record 243 of 337**

**Title** On the outbursts of black hole soft X-ray transients

**Author(s)** Ertan, U; Alpar, MA

**Source** ASTRONOMY & ASTROPHYSICS 393 (1):205-214 2002

**Times Cited** 6

**ISSN** 0004-6361

**DOI** 10.1051/0004-6361:20020998

**Record 244 of 337**

**Title** Observations on the growth characteristics of the research output of Turkish physicists based on a selective citation analysis

**Author(s)** Inonu, E; Kurnaz, L

**Source** SCIENTOMETRICS 55 (3):437-444 2002

**Times Cited** 1

**ISSN** 0138-9130

**Record 245 of 337**

**Title** Study of a shock wave structure in gas mixtures on the basis of the Boltzmann equation

**Author(s)** Raines, A

**Source** EUROPEAN JOURNAL OF MECHANICS B-FLUIDS 21 (5):599-610 Art No. PII S0997-7546(02)01197-4 2002

**Times Cited** 6

**ISSN** 0997-7546

**Record 246 of 337**

**Title** Method of group foliation and non-invariant solutions of partial differential equations - Example: the heavenly equation

**Author(s)** Sheftel, MB

**Source** EUROPEAN PHYSICAL JOURNAL B 29 (2):203-206 2002

**Times Cited** 7

**ISSN** 1434-6028

**DOI** 10.1140/epjb/e2002-00286-6

**Record 247 of 337**

**Title** Lie symmetries and superintegrability in quantum mechanics

**Author(s)** Sheftel, MB; Tempesta, P; Winternitz, P

**Source** PHYSICS OF ATOMIC NUCLEI 65 (6):1144-1148 2002

**Conference Title** 23rd International Colloquium on Group Theoretical Methods in Physics

**Conference Date** JUL 31-AUG 05, 2000

**Conference Location** DUBNA, RUSSIA

**Times Cited** 0

**ISSN** 1063-7788

**Record 248 of 337**

**Title** Stochastic target problems, dynamic programming, and viscosity solutions

**Author(s)** Soner, HM; Touzi, N

**Source** SIAM JOURNAL ON CONTROL AND OPTIMIZATION 41 (2):404-424  
Art No. PII S0363012900378863 2002

**Times Cited** 23

**ISSN** 0363-0129

**Record 249 of 337**

**Title** On three-dimensional coupled bosons

**Author(s)** Turgut, OT

**Source** JOURNAL OF MATHEMATICAL PHYSICS 43 (10):4828-4838 2002

**Times Cited** 0

**ISSN** 0022-2488

**DOI** 10.1063/1.1501167

**Record 250 of 337**

**Title** A phase diagram of smectogen-non-smectogen binary mixture: A photon transmission study

**Author(s)** Yildiz, S; Serhatli, IE; Pekcan, O; Berker, AN; Obek, H

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS B 16 (26):  
3959-3970 2002

**Times Cited** 6

**ISSN** 0217-9792

**Record 251 of 337**



**Title** Motion of charged particles around a rotating black hole in a magnetic field

**Author(s)** Aliev, AN; Ozdemir, N

**Source** MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY 336 (1):241-248 2002

**Times Cited** 14

**ISSN** 0035-8711

**Record 252 of 337**

**Title** Hamiltonian formulation of noncommutative D3-brane

**Author(s)** Dayi, OF; Yapiskan, B

**Source** JOURNAL OF HIGH ENERGY PHYSICS (10): Art No. 022 2002

**Times Cited** 7

**ISSN** 1029-8479

**Record 253 of 337**

**Title** Wigner functions for the Landau problem in noncommutative spaces

**Author(s)** Dayi, OF; Kelleyane, LT

**Source** MODERN PHYSICS LETTERS A 17 (29):1937-1944 2002

**Times Cited** 20

**ISSN** 0217-7323

**Record 254 of 337**

**Title** Hall effect in noncommutative coordinates

**Author(s)** Dayi, OF; Jellal, A

**Source** JOURNAL OF MATHEMATICAL PHYSICS 43 (10):4592-4601 2002

**Times Cited** 53

**ISSN** 0022-2488

**DOI** 10.1063/1.1504484

**Record 255 of 337**

**Title** Renormalization group flows from D=3, N=2 matter coupled gauged supergravities

**Author(s)** Deger, NS

**Source** JOURNAL OF HIGH ENERGY PHYSICS (11): Art No. 025 2002

**Times Cited** 7

**ISSN** 1029-8479

**Record 256 of 337**

**Title** Intersecting S-brane solutions of D=11 supergravity

**Author(s)** Deger, NS; Kaya, A

**Source** JOURNAL OF HIGH ENERGY PHYSICS (7): Art No. 038 2002

**Times Cited** 41

**ISSN** 1029-8479

**Record 257 of 337**

**Title** World-volume description of M2-branes ending on an M5-brane and holography

**Author(s)** Deger, NS; Kaya, A

**Source** PHYSICS LETTERS B 538 (1-2):164-172 Art No. PII S0370-2693(02)01941-X 2002

**Times Cited** 1

**ISSN** 0370-2693

**Record 258 of 337**

**Title** A theoretical study of the mass-temperature relation for clusters of galaxies

**Author(s)** Del Popolo, A

**Source** MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY 336 (1):81-90 2002

**Times Cited** 9

**ISSN** 0035-8711

**Record 259 of 337**

**Title** Dynamical evolution of clusters of galaxies: The effect of high-velocity substructure clumps

**Author(s)** Del Popolo, A; Gambera, M; Ercan, EN

**Source** INTERNATIONAL JOURNAL OF MODERN PHYSICS A 17 (2):187-204 2002

**Times Cited** 0

**ISSN** 0217-751X

**Record 260 of 337**

**Title** Migration of giant planets in a time-dependent planetesimal accretion disc

**Author(s)** Del Popolo, A; Eksi, KY

**Source** MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY 332 (2):485-499 2002

**Times Cited** 8

**ISSN** 0035-8711

**Record 261 of 337**

**Title** The mass and temperature functions in a moving-barrier model

**Author(s)** Del Popolo, A

**Source** MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY 337 (2):529-539 2002

**Times Cited** 6

**ISSN** 0035-8711

**Record 262 of 337**

**Title** On the evolution of aspherical perturbations in the universe: An analytical model

**Author(s)** Del Popolo, A

**Source** ASTRONOMY & ASTROPHYSICS 387 (3):759-777 2002

**Times Cited** 5

**ISSN** 0004-6361

**DOI** 10.1051/0004-6361:20020399

**Record 263 of 337**

**Title** Coherent states for generalized Laguerre functions

**Author(s)** Jellal, A

**Source** MODERN PHYSICS LETTERS A 17 (11):671-682 2002

**Times Cited** 14

**ISSN** 0217-7323

**Record 264 of 337**

**Title** Super-Grassmannian and large N limit of quantum field theory with bosons and fermions

**Author(s)** Konechny, A; Turgut, OT

**Source** JOURNAL OF MATHEMATICAL PHYSICS 43 (6):2988-3010 2002

**Times Cited** 2

**ISSN** 0022-2488

**DOI** 10.1063/1.1477936

**Record 265 of 337**

**Title** Multi-Lagrangians for integrable systems

**Author(s)** Nutku, Y; Pavlov, MV

**Source** JOURNAL OF MATHEMATICAL PHYSICS 43 (3):1441-1459 2002

**Times Cited** 12

**ISSN** 0022-2488

**DOI** 10.1063/1.1427765

**Record 266 of 337**

**Title** Uniting Gross-Neveu and massive Schwinger models

**Author(s)** Rador, T

**Source** PHYSICS LETTERS B 546 (1-2):153-156 Art No. PII S0370-2693(02)02692-8 2002

**Times Cited** 0

**ISSN** 0370-2693

**Record 267 of 337**

**Title** Large N limit of SO(N) scalar gauge theory

**Author(s)** Toprak, E; Turgut, OT

**Source** JOURNAL OF MATHEMATICAL PHYSICS 43 (3):1340-1352 2002

**Times Cited** 4

**ISSN** 0022-2488

**DOI** 10.1063/1.1430898

**Record 268 of 337**

**Title** Large N limit of SO(N) gauge theory of fermions and Bosons

**Author(s)** Toprak, E; Turgut, OT

**Source** JOURNAL OF MATHEMATICAL PHYSICS 43 (6):3074-3096 2002

**Times Cited** 3

**ISSN** 0022-2488

**DOI** 10.1063/1.1467097

**Record 269 of 337**

**Title** Braided oscillators

**Author(s)** Yildiz, A

**Source** JOURNAL OF MATHEMATICAL PHYSICS 43 (3):1668-1674 2002

**Times Cited** 2

**ISSN** 0022-2488

**DOI** 10.1063/1.1436304

**Record 270 of 337**

**Title** Quantum group covariance and the braided structure of deformed oscillators

**Author(s)** Yildiz, A

**Source** JOURNAL OF MATHEMATICAL PHYSICS 43 (11):5459-5469 2002

**Times Cited** 1

**ISSN** 0022-2488

**DOI** 10.1063/1.1509088

**Record 271 of 337**

**Title** First-quantized electron and photon model of QED and radiative processes

**Author(s)** Yucel, MB; Unal, N

**Source** CANADIAN JOURNAL OF PHYSICS 80 (8):803-820 2002

**Times Cited** 0

**ISSN** 0008-4204

**DOI** 10.1139/P02-027

**Record 272 of 337**

**Title** The abcs of magnetic monopole dynamics

**Author(s)** Abadoglu, E; Bruschi, M; Calogero, F

**Source** THEORETICAL AND MATHEMATICAL PHYSICS 128 (1):835-844 2001

**Conference Title** 14th International Workshop on Nonlinear Evolution Equations and Dynamical Systems

**Conference Date** JUN 29-JUL 07, 2000

**Conference Location** GOKOVA, TURKEY

**Times Cited** 0

**ISSN** 0040-5779

**Record 273 of 337**

**Title** Summation formulae for the product of the q-Kummer functions from E-q(2)

**Author(s)** Ahmedov, H; Duru, IH

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 34 (7):  
1333-1340 2001

**Times Cited** 0

**ISSN** 0305-4470

**Record 274 of 337**

**Title** q-deformed supersymmetric Newton oscillators

**Author(s)** Algin, A; Arik, M

**Source** EUROPEAN PHYSICAL JOURNAL C 19 (3):583-586 2001

**Times Cited** 4

**ISSN** 1434-6044

**Record 275 of 337**

**Title** Particle-antiparticle symmetry of the multi-dimensional fermionic Newton oscillator

**Author(s)** Arik, M; Peker-Dobie, A

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 34 (4):  
725-730 2001

**Times Cited** 6

**ISSN** 0305-4470

**Record 276 of 337**

**Title** Generation of Bianchi type V universes filled with a perfect fluid

**Author(s)** Camci, U; Yavuz, I; Baysal, H; Tarhan, I; Yilmaz, I

**Source** ASTROPHYSICS AND SPACE SCIENCE 275 (4):391-400 2001

**Times Cited** 13

**ISSN** 0004-640X

**Record 277 of 337**

**Title** Quasi-one-dimensional steady-state cavitating nozzle flows

**Author(s)** Delale, CF; Schnerr, GH; Sauer, J

**Source** JOURNAL OF FLUID MECHANICS 427167-204 2001

**Times Cited** 12

**ISSN** 0022-1120

**Record 278 of 337**

**Title** Prandtl-Meyer flows with homogeneous condensation. Part 2. Supercritical flows

**Author(s)** Delale, CF; Crighton, DG

**Source** JOURNAL OF FLUID MECHANICS 430231-265 2001

**Times Cited** 3

**ISSN** 0022-1120

**Record 279 of 337**

**Title** On the stability of stationary shock waves in nozzle flows with homogeneous condensation

**Author(s)** Delale, CF; Lamanna, G; van Dongen, MEH

**Source** PHYSICS OF FLUIDS 13 (9):2706-2719 2001

**Times Cited** 5

**ISSN** 1070-6631

**Record 280 of 337**

**Title** In vivo response to biodegradable controlled antibiotic release systems

**Author(s)** Korkusuz, F; Korkusuz, P; Eksioglu, F; Gursel, I; Hasirci, V

**Source** JOURNAL OF BIOMEDICAL MATERIALS RESEARCH 55 (2):217-228 2001

**Times Cited** 24

**ISSN** 0021-9304

**Record 281 of 337**

**Title** Differential invariants and group foliation for the complex Monge-Ampere equation

**Author(s)** Nutku, Y; Sheftel', MB

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 34 (1): 137-156 2001

**Times Cited** 22

**ISSN** 0305-4470

**Record 282 of 337**

**Title** Group foliation approach to the complex Monge-Ampere equation

**Author(s)** Nutku, Y; Sheftel, MB

**Source** THEORETICAL AND MATHEMATICAL PHYSICS 127 (3):808-816 2001

**Conference Title** 14th International Workshop on Nonlinear Evolution Equations and Dynamical Systems

**Conference Date** JUN 29-JUL 07, 2000

**Conference Location** GOKOVA, TURKEY

**Times Cited** 0

**ISSN** 0040-5779

**Record 283 of 337**

**Title** Recursion operators, higher-order symmetries and superintegrability in quantum mechanics

**Author(s)** Sheftel, MB; Tempesta, P; Winternitz, P

**Source** CZECHOSLOVAK JOURNAL OF PHYSICS 51 (4):392-399 2001

**Conference Title** DI-CRM Workshop on Mathematical Physics

**Conference Date** JUN 18-21, 2000

**Conference Location** PRAGUE, CZECH REPUBLIC

**Times Cited** 2  
**ISSN** 0011-4626

**Record 284 of 337**

**Title** Superintegrable systems in quantum mechanics and classical Lie theory

**Author(s)** Sheftel, MB; Tempesta, P; Winternitz, P

**Source** JOURNAL OF MATHEMATICAL PHYSICS 42 (2):659-673 2001

**Times Cited** 37

**ISSN** 0022-2488

**Record 285 of 337**

**Title** Representations of  $SU(1,1)$  in non-commutative space generated by the Heisenberg algebra

**Author(s)** Ahmedov, H; Duru, IH

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 34 (2): 227-234 2001

**Times Cited** 1

**ISSN** 0305-4470

**Record 286 of 337**

**Title** Fractional superLie algebras and groups

**Author(s)** Ahmedov, H; Yildiz, A; Ucan, Y

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 34 (33): 6413-6423 2001

**Times Cited** 8

**ISSN** 0305-4470

**Record 287 of 337**

**Title** Impulsive spherical gravitational waves

**Author(s)** Aliev, AN; Nutku, Y

**Source** CLASSICAL AND QUANTUM GRAVITY 18 (5):891-906 2001

**Times Cited** 4

**ISSN** 0264-9381

**Record 288 of 337**

**Title** High spin gauge fields and two-time physics

**Author(s)** Bars, I; Deliduman, C

**Source** PHYSICAL REVIEW D 64 (4): Art No. 045004 2001

**Times Cited** 29

**ISSN** 0556-2821

**Record 289 of 337**

**Title** Landau diamagnetism in noncommutative space and the nonextensive thermodynamics of Tsallis

**Author(s)** Dayi, OF; Jellal, A

**Source** PHYSICS LETTERS A 287 (5-6):349-355 2001

**Times Cited** 31

**ISSN** 0375-9601

**Record 290 of 337**

**Title** Ellipsoidal collapse and previrialization

**Author(s)** Del Popolo, A; Ercan, EN; Xia, Z

**Source** ASTRONOMICAL JOURNAL 122 (1):487-495 2001

**Times Cited** 23

**ISSN** 0004-6256

**Record 291 of 337**

**Title** The pairwise velocity dispersion of galaxies: effects of non-radial motions

**Author(s)** Del Popolo, A

**Source** MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY 326 (2):667-674 2001

**Times Cited** 2

**ISSN** 0035-8711

**Record 292 of 337**

**Title** Profiles of dark matter haloes at high redshift

**Author(s)** Del Popolo, A

**Source** MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY 325 (3):1190-1196 2001

**Times Cited** 4

**ISSN** 0035-8711

**Record 293 of 337**

**Title** Migration of giant planets in planetesimal discs

**Author(s)** Del Popolo, A; Gambera, M; Ercan, N

**Source** MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY 325 (4):1402-1410 2001

**Times Cited** 12

**ISSN** 0035-8711

**Record 294 of 337**

**Title** Super-integrable Calogero-type systems admit maximal number of Poisson structures

**Author(s)** Gonera, C; Nutku, Y

**Source** PHYSICS LETTERS A 285 (5-6):301-306 2001

**Times Cited** 21

**ISSN** 0375-9601

**Record 295 of 337**

**Title** An open bosonic string with one end fixed



**Author(s)** Gursoy, U; Sachoglu, C

**Source** CLASSICAL AND QUANTUM GRAVITY 18 (14):2665-2675 2001

**Times Cited** 1

**ISSN** 0264-9381

**Record 296 of 337**

**Title** Group foliation and non-invariant solutions of the heavenly equation

**Author(s)** Martina, L; Sheftel, MB; Winternitz, P

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 34 (43):  
9243-9263 2001

**Times Cited** 25

**ISSN** 0305-4470

**Record 297 of 337**

**Title** Exact metric around a wiggly cosmic string

**Author(s)** Ozdemir, N

**Source** GENERAL RELATIVITY AND GRAVITATION 33 (3):603-606 2001

**Times Cited** 2

**ISSN** 0001-7701

**Record 298 of 337**

**Title** Fake  $R(4)_s$ , Einstein spaces and Seiberg-Witten monopole equations

**Author(s)** Saclioglu, C

**Source** CLASSICAL AND QUANTUM GRAVITY 18 (16):3287-3292 2001

**Conference Title** 2nd Gursev Memorial Conference

**Conference Date** JUN 19-23, 2000

**Conference Location** BOGAZICI UNIV, ISTANBUL, TURKEY

**Times Cited** 0

**ISSN** 0264-9381

**Record 299 of 337**

**Title** Geometric quantization on the super-disk

**Author(s)** Turgut, OT

**Source** JOURNAL OF MATHEMATICAL PHYSICS 42 (9):4258-4271 2001

**Times Cited** 1

**ISSN** 0022-2488

**Record 300 of 337**

**Title**  $SU(d)$ -invariant multidimensional  $q$ -oscillators with bosonic degeneracy

**Author(s)** Algin, A; Arik, M; Atakishiyev, NM

**Source** MODERN PHYSICS LETTERS A 15 (19):1237-1242 2000

**Times Cited** 2

**ISSN** 0217-7323

**Record 301 of 337**

**Title** Invariant solutions of hydrodynamic-type equations

**Author(s)** Grundland, AM; Sheftel, MB; Winternitz, P

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 33 (46): 8193-8215 2000

**Times Cited** 2

**ISSN** 0305-4470

**Record 302 of 337**

**Title** Helicity invariants in 3D: kinematical aspects

**Author(s)** Gumral, H

**Source** PHYSICA D 139 (3-4):335-359 2000

**Times Cited** 0

**ISSN** 0167-2789

**Record 303 of 337**

**Title** On the standard L-functions of central-simple algebras

**Author(s)** Ikeda, KI

**Source** BULLETIN DES SCIENCES MATHÉMATIQUES 124 (2):147-155 2000

**Times Cited** 0

**ISSN** 0007-4497

**Record 304 of 337**

**Title** Hard-spin mean-field theory: A systematic derivation and exact correlations in one dimension

**Author(s)** Kabakcioglu, A

**Source** PHYSICAL REVIEW E 61 (4):3366-3368 Part A 2000

**Times Cited** 3

**ISSN** 1063-651X

**Record 305 of 337**

**Title** Domain decomposition methods for Laplace's equation by the BEM

**Author(s)** Meric, RA

**Source** COMMUNICATIONS IN NUMERICAL METHODS IN ENGINEERING 16 (8):545-557 2000

**Times Cited** 2

**ISSN** 1069-8299

**Record 306 of 337**

**Title** Covariant symplectic structure of the complex Monge-Ampere equation

**Author(s)** Nutku, Y

**Source** PHYSICS LETTERS A 268 (4-6):293-297 2000

**Times Cited** 8

**ISSN** 0375-9601

**Record 307 of 337**

**Title** Asymptotics of Kolmogorov diameters for some classes of harmonic functions on spheroids

**Author(s)** Skiba, N; Zahariuta, V

**Source** JOURNAL OF APPROXIMATION THEORY 102 (2):175-188 2000

**Times Cited** 3

**ISSN** 0021-9045

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**Author(s)** Soner, HM; Touzi, N

**Source** SIAM JOURNAL ON CONTROL AND OPTIMIZATION 39 (1):73-96 2000

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**Author(s)** Ahmedov, H; Dayi, OF

**Source** MODERN PHYSICS LETTERS A 15 (29):1801-1811 2000

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**ISSN** 0217-7323

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**Author(s)** Ahmedov, H; Duru, IH

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**Times Cited** 6

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**Author(s)** Aliev, AN; Nutku, Y; Saygili, K

**Source** CLASSICAL AND QUANTUM GRAVITY 17 (19):4111-4123 2000

**Times Cited** 3

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**Author(s)** Brody, DC; Hughston, LP

**Source** JOURNAL OF MATHEMATICAL PHYSICS 41 (5):2586-2592 2000

**Times Cited** 2

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**Author(s)** Dayi, OF

**Source** PHYSICS LETTERS B 481 (2-4):408-412 2000

**Times Cited** 9

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**Author(s)** Gumral, H

**Source** PHYSICA D 135 (1-2):117-136 2000

**Times Cited** 1

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**Author(s)** Kaya, H; Berker, AN

**Source** PHYSICAL REVIEW E 62 (2):R1469-R1472 Part A 2000

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**Author(s)** Migliorini, G; Berker, AN

**Source** EUROPEAN PHYSICAL JOURNAL B 17 (1):3-6 2000

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**Author(s)** Saclioglu, C

**Source** CLASSICAL AND QUANTUM GRAVITY 17 (2):485-495 2000

**Times Cited** 3

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**Author(s)** Tuzel, E; Erzan, A

**Source** PHYSICAL REVIEW E 61 (2):R1040-R1043 2000

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**Author(s)** Vercin, A

**Source** INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS 39 (8): 2063-2077 2000

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**Author(s)** Gumral, H

**Source** PHYSICS LETTERS A 257 (1-2):43-52 1999

**Times Cited** 1

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**Author(s)** Kayalar, O; Erzan, A

**Source** PHYSICAL REVIEW E 60 (6):7600-7603 Part B 1999

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**Author(s)** Saclioglu, C

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**Times Cited** 1

**ISSN** 0370-2693

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**Author(s)** Ahmedov, H; Dayi, OF

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 32 (10): 1895-1907 1999

**Times Cited** 3

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**Author(s)** Ahmedov, H; Dayi, OF

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 32 (35): 6247-6253 1999

**Times Cited** 11

**ISSN** 0305-4470

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**Author(s)** Ahmedov, H; Duru, IH

**Source** JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL 32 (35): 6255-6260 1999

**Times Cited** 3

**ISSN** 0305-4470

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**Title** Gravitational instantons admit hyper-Kahler structure

**Author(s)** Aliev, AN; Nutku, Y

**Source** CLASSICAL AND QUANTUM GRAVITY 16 (1):189-210 1999

**Times Cited** 16

**ISSN** 0264-9381

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**Author(s)** Aliev, AN; Hortacsu, M; Kalayci, J; Nutku, Y

**Source** CLASSICAL AND QUANTUM GRAVITY 16 (2):631-642 1999

**Times Cited** 11

**ISSN** 0264-9381

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**Author(s)** Kabakcioglu, A; Berker, AN

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**Author(s)** Kaya, H; Erzan, A

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**Author(s)** Akcay, H; Islam, SM; Ninness, B

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**Author(s)** Aliev, AN; Ozdemir, N

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**Author(s)** Chalov, PA; Terzioglu, T; Zahariuta, VP

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**Author(s)** Enginer, Y; Hortascu, M; Kaya, R; Ozdemir, N; Ulker, K; Yapiskan, B

**Source** INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS 29 (10):1029-1048 1998

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**Author(s)** Dayi, OF

**Source** MODERN PHYSICS LETTERS A 13 (24):1969-1977 1998

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**Author(s)** Hortacsu, M; Kaya, R

**Source** GENERAL RELATIVITY AND GRAVITATION 30 (11):1645-1654 1998

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**Author(s)** Kalayci, J; Nutku, Y

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