Record 1 of 52
Author(s): Yan, WG (Yan, Weigen); Zhang, FJ (Zhang, Fuji)
Title: A quadratic identity for the number of perfect matchings of plane graphs
Source: THEORETICAL COMPUTER SCIENCE, 409 (3): 405-410 DEC 28 2008
Author Keywords: Perfect matching; Graphical condensation; Pfaffian; Plucker relation
Keywords Plus: CONDENSATION; PFAFFIANS
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Times Cited: 0
ISSN: 0304-3975
DOI: 10.1016/j.tcs.2008.08.032
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Record 2 of 52
Author(s): Qiu, Y (Qiu, Yan); Deng, ZW (Deng, Zhi Wei); Xu, MJ (Xu, Minjuan); Li, QS (Li, Qingshan); Lin, WH (Lin, Wen Han)
Title: New A-nor steroids and their antifouling activity from the Chinese marine sponge Acanthella cavernosa
Source: STEROIDS, 73 (14): 1500-1504 DEC 22 2008
Author Keywords: A-nor steroids; Antifouling activity; Marine sponge; Acanthella cavernosa
Keywords Plus: KALIHINOL; LARVAE
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ISSN: 0039-128X
DOI: 10.1016/j.steroids.2008.08.006
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Record 3 of 52
Author(s): Chen, ZL (Chen, ZuLiang); Sun, Q (Sun, Qian); Xi, YF (Xi, YunFei); Owens, G (Owens, Gary)
Title: Speciation of metal-EDTA complexes by flow injection analysis with electrospray ionization mass spectrometry and ion chromatography with inductively coupled plasma mass spectrometry
Author Keywords: ESI-MS; FIA; IC-ICP-MS; Metal-EDTA; Water
Keywords Plus: PERFORMANCE LIQUID-CHEMISTRY; ANION-EXCHANGE CHROMATOGRAPHY; ICP-MS; CAPILLARY-ELECTROPHORESIS; ESI-MS; AMINOPOLYCARBOXYLIC ACIDS; ENVIRONMENTAL WATER; SEPARATION; HPLC; CHROMIUM(III)
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Times Cited: 0
ISSN: 1615-9306
DOI: 10.1002/jssc.200800292
Record 4 of 52
Author(s): Wang, SZ (Wang, Shizhong); Wu, LL (Wu, Lingli); Gao, J (Gao, Jie); He, Q (He, Qiong); Liu, ML (Liu, Meilin)
Title: Oxygen ion transference number of doped lanthanum gallate
Source: JOURNAL OF POWER SOURCES, 185 (2): 917-921 DEC 1 2008
Author Keywords: Electromotive force; Oxygen ion transference number; impedance spectrometry; Solid oxide fuel cells; Polarization resistance
Keywords Plus: FUEL-CELLS; OXIDE-ION; CONDUCTIVITY; CO; ELECTROLYTES; LAGAO3
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Times Cited: 0
ISSN: 0378-7753
DOI: 10.1016/j.jpowsour.2008.08.039

Record 5 of 52
Author(s): Su, PF (Su, Peifeng); Wu, W (Wu, Wei); Kelly, CP (Kelly, Casey P.); Cramer, CJ (Cramer, Christopher J.); Truhlar, DG (Truhlar, Donald G.)
Title: VBSM: A Solvation Model Based on Valence Bond Theory
Keywords Plus: POLARIZABLE CONTINUUM MODEL; TRANSITION-STATE-THEORY; CONSISTENT-FIELD METHOD; GAS-PHASE ACIDITIES; FREE-ENERGY PROFILE; MENSEHUTKIN REACTION; AQUEOUS-SOLUTION; S(N)2 REACTIONS; AB-INITIO; CONFIGURATION-INTERACTION
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ISSN: 1089-5639
DOI: 10.1021/jp711655k

Record 6 of 52
Author(s): Tian, N (Tian, Na); Zhou, ZY (Zhou, Zhi-You); Sun, SG (Sun, Shi-Gang)
Title: Platinum Metal Catalysts of High-Index Surfaces: From Single-Crystal Planes to Electrochemically Shape-Controlled Nanoparticles
Keywords Plus: SCANNING-TUNNELING-MICROSCOPY; SULFURIC-ACID-SOLUTIONS; X-RAY-SCATTERING; FORMIC-ACID; CO2 REDUCTION; STEPPED SURFACES; OXYGEN REDUCTION; FUEL-CELLS; METHANOL OXIDATION; ETHYLENE-GLYCOL
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Times Cited: 0
ISSN: 1932-7447
DOI: 10.1021/jp804051e
Record 7 of 52
Author(s): Chen, A (Chen, Andan); He, NH (He, Nanhai); Xu, X (Xu, Xun)
Title: Mj-DWD, a double WAP domain-containing protein with antiviral relevance in Marsupenaeus japonicus
Author Keywords: Marsupenaeus japonicus; WAP domain; WSSV; Real-time PCR; Pichia pastoris; Bacillus subtilis
Keywords Plus: LITOPENAEUS-VANNAMEI HEMOCYTE; ANTIBACTERIAL PROTEIN; CRUSTIN-LIKE; INHIBITOR; IDENTIFICATION; PURIFICATION; ELASTASE; SEQUENCE; LOBSTER; SLPI
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Record 8 of 52
Author(s): Li, A (Li Ang); Zuo, W (Zuo, Wei); Schulze, HJ (Schulze, H. J.); Lombardo, U (Lombardo, U.)
Title: Hot Nuclear Matter Equation of State and Finite Temperature Kaon Condensation
Source: CHINESE PHYSICS LETTERS, 25 (12): 4233-4236 DEC 2008
Keywords Plus: NEUTRON-STARS; PROTONEUTRON STARS; EVOLUTION; CHARGE
Reprint Address: Li, A, Xiamen Univ, Dept Phys, Xiamen 361005, Peoples R China.
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Times Cited: 0
ISSN: 0256-307X
ISI Document Delivery No.: 384VK

Record 9 of 52
Author(s): Wang, X (Wang, Xiang); Lu, LZ (Lu, Linzhang); Zhu, CX (Zhu, Chuanxi); Niu, Q (Niu, Qiang)
Title: A note on the spectral for real Hankel matrices
Conference Title: 2nd International Conference on Modeling, Simulation, and Applied Optimization
Conference Date: MAR 24-27, 2007
Conference Location: Abu Dhabi, U ARAB EMIRATES
Conference Host: Petroleum Inst
Author Keywords: Hankel matrices; Spectral; Eigenvalues; V.Neumann inequalities
Addresses: [Wang, Xiang; Zhu, Chuanxi] Nanchang Univ, Dept Math, Nanchang 330047, Peoples R China; [Lu, Linzhang; Niu, Qiang] Xiamen Univ, Dept Informat & Computat Math, Xiamen 361005, Peoples R China
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Times Cited: 0
ISSN: 0096-3003
DOI: 10.1016/j.amc.2008.09.028
ISI Document Delivery No.: 383PY

Record 10 of 52
Author(s): Shu, QL (Shu, Qinglong); Jiao, NZ (Jiao, Nianzhi)
Title: NEW PRIMERS FOR AMPLIFICATION OF THE PLANCTOMYCETES 16S rRNA GENE FROM ENVIRONMENTAL SAMPLES
Keywords Plus: OXIDIZING BACTERIA; SP-NOV.; DIVERSITY; HETEROGENEITY; WATER; SOIL
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ISSN: 1060-3999
DOI: 10.1111/j.1745-4581.2008.00139.x
ISI Document Delivery No.: 378ZZ

Record 14 of 52
Author(s): Wu, YP (Wu, Yaping); Kang, JY (Kang, Junyong); Liu, F (Liu, Feng)
Title: Pressure induced wurtzite-to-zinc blende phase transition in ZnO at finite temperature
Source: JOURNAL OF MATERIALS RESEARCH, 23 (12): 3347-3352 DEC 2008
Keywords Plus: VIBRATIONAL ENTROPY; RECENT PROGRESS; 1ST-PRINCIPLES; TRANSFORMATION
Addresses: [Wu, Yaping; Kang, Junyong] Xiamen Univ, Dept Phys, Fujian Key Lab Semicond Mat & Applicat, Xiamen 361005, Peoples R China; [Liu, Feng] Univ Utah, Dept Mat Sci & Engn, Salt Lake City, UT 84112 USA
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DOI: 10.1557/JMR.2008.0410
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Record 15 of 52
Author(s): Japaridze, G (Japaridze, Giorgi)
Title: Cirquent Calculus Deepened
Keywords Plus: SEMANTICS; LOGIC
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ISSN: 0955-792X
DOI: 10.1093/logcom/exn019
ISI Document Delivery No.: 378CN

Record 16 of 52
Author(s): Gu, JJ (Gu, Junjing); Lin, YH (Lin, Yonghui); Ma, B (Ma, Ben); Wu, W (Wu, Wei); Shaik, S (Shaik, Sason)
Title: Covalent Excited States of Polyenes C2nH2n+2 (n=2-8) and Polyenyl Radicals C2n-1H2n+1 (n=2-8): An Ab Initio Valence Bond Study
Keywords Plus: CONFIGURATION-INTERACTION METHOD; LINEAR POLYENES; FREE-JET; RESONANCE INTERACTIONS; ELECTRONIC-STRUCTURE; DYNAMIC CORRELATION; DOUBLET STABILITY; ACYCLIC SYSTEMS; VB-SCF; ALLYL
Author(s): Liu, Y (Liu, Yi); Chen, L (Chen, Ling); Li, LH (Li, Long-Hua); Wu, LM (Wu, Li-Ming); Zelinska, OY (Zelinska, Oksana Ya.); Mar, A (Mar, Arthur)

Title: Structures and Physical Properties of Rare-Earth Zinc Antimonides Pr6Zn1+xSb14+y and RE6Zn1+xSb14 (RE = Sm, Gd-Ho)

Source: INORGANIC CHEMISTRY, 47 (24): 11930-11941 DEC 15 2008

Keywords Plus: PLANE-WAVE METHOD; CRYSTAL-STRUCTURE; LA-ND; TRANSPORT-PROPERTIES; ELECTRONIC-STRUCTURE; RE12GA4SB23 RE; PHONON-GLASS; CE; DY; LA13GA8SB21


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Title: Osteopontin Prevents Curcumin-Induced Apoptosis and Promotes Survival Through Akt Activation via alpha(v)beta(3) Integrins in Human Gastric Cancer Cells


Author Keywords: osteopontin (OPN); gastric cancer; curcumin; apoptosis; Akt

Keywords Plus: MAMMARY EPITHELIAL-CELLS; PROTEIN EXPRESSION; BREAST-CANCER; COLON-CANCER; RECEPTOR; GROWTH; METASTASIS; MIGRATION; PATHWAY; GENES

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Times Cited: 0

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DOI: 10.3181/0805-RM-164

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Record 20 of 52

Author(s): Tong, F (Tong, F.); Xu, XM (Xu, X. M.); Luk, BL (Luk, B. L.); Liu, KP (Liu, K. P.)

Title: Equalization Of Ultrasonic transducers based on evolutionary algorithm and IIR lattice filter

Source: ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, 21 (8): 1409-1415 DEC 2008

Author Keywords: Evolutionary algorithm; IIR filter; Lattice form; Ultrasonic transducer; Non-destructive evaluation

Keywords Plus: DECONVOLUTION; INSPECTION

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Times Cited: 0

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Record 21 of 52

Author(s): Zeng, XM (Zeng, Xiao-Ming); Lian, BY (Lian, Bo-Yong)

Title: An estimate on the convergence of MKZ-Bezier operators

Source: COMPUTERS & MATHEMATICS WITH APPLICATIONS, 56 (12): 3023-3028 DEC 2008

Author Keywords: MKZ-Bezier operators; Rate of convergence; Pointwise approximation; Lebesgue-Stieltjes integral; Holder inequality

Keywords Plus: BOUNDED VARIATION FUNCTIONS; MEYER-KONIG; ZELLER OPERATORS; APPROXIMATION; MOMENTS; RATES

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Record 22 of 52

Author(s): Zhang, CX (Zhang, Chaoxian); Wang, L (Wang, Lin); Chen, GR (Chen, Guanrong)

Title: Promising Performance of PA-Coded SIMO FM-DCSK Communication Systems

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Promoting strain relaxation of Si0.72Ge0.28 film on Si (100) substrate by inserting a low-temperature Ge islands layer in UHVCVD


Author Keywords: Relaxed buffer; SiGe film; LT-Ge layer; Strain relaxation; UHVCVD

Keywords Plus: THREADING DISLOCATION DENSITY; THIN; GROWTH; HETEROSTRUCTURES; BUFFERS

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Zinc oxide thin film synthesized by combustion chemical vapor deposition


Author Keywords: ZnO thin films; CCVD; Oxygen vacancies

Keywords Plus: PULSED-LASER DEPOSITION; GAS-SENSING PROPERTIES; ZNO FILMS; ELECTRICAL-PROPERTIES; SOLAR-CELLS; GROWTH; PHOTOLUMINESCENCE; TRANSPORT; RAMAN; CVD

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High Al-content AlInGaN epilayers with different thicknesses grown on GaN/sapphire templates


Author Keywords: XPS; PL; AFM; Composition pulling effect; AlInGaN; MOCVD

Keywords Plus: SAPPHIRE SUBSTRATE; QUANTUM-WELLS; GAN TEMPLATES; FILMS; STRAIN; RELAXATION; DEFECTS; ALGAN


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Times Cited: 0

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Record 28 of 52

Author(s): Lin, ZS (Lin, Zhi-Sheng); Huang, YX (Huang, Ya-Xi); Prots, Y (Prots, Yuiri); Zhao, JT (Zhao, Jing-Tai); Kniep, R (Kniep, Ruediger)

Title: Na-5(NH4)Mn-3[B9P6O33(OH)(3)]center dot 1.5H(2)O

Source: ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, 64: I82-U28 Part 12 DEC 2008

Keywords Plus: M-II; METALLOBOROPHOSPHATES; BOROPHOSPHATES; NI; MN; CO

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Times Cited: 0

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Record 29 of 52

Author(s): Feng, H (Feng, Hai); Cai, SH (Cai, Shuhui); Chen, Z (Chen, Zhong); Lin, MJ (Lin, Meijin); Feng, J (Feng, Ji)

Title: Application of the forward linear prediction on high-resolution NMR spectra in inhomogeneous fields


Author Keywords: Forward linear prediction; High-resolution; NMR; Inhomogeneous field; Intermolecular multiple-quantum coherence

Keywords Plus: FILTER DIAGONALIZATION METHOD; MAXIMUM-LIKELIHOOD METHOD; MULTIDIMENSIONAL NMR; FOURIER-TRANSFORM; SPECTROSCOPY; ADVANTAGES; ACQUISITION; SIGNALS; SCAN; SETS

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Record 30 of 52

Author(s): Liu, Z (Liu, Zhao); Lin, LR (Lin, Li-Rong); Huang, RB (Huang, Rong-Bin); Zheng, LS (Zheng, Lan-Sun)

Title: 1-(2-Methoxybenzylidine)-4-phenylthiosemicarbazide as OFF-ON fluorescent chemodosimeter for detection of Cu2+ in acetonitrile-water binary solvents


Author Keywords: Fluorescence; Chemodosimeter; 1-(2-Methoxybenzylidine)-4-phenylthiosemicarbazide; Copper ion

Keywords Plus: CU(II) ION; TURN-ON; COPPER; CHEMOSENSORS; SENSOR; FLUOROIONOPHORE; ENHANCEMENT; SELECTIVITY; WAVELENGTH; RECEPTOR

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Times Cited: 0

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Record 34 of 52

**Author(s):** Zhou, ZY (Zhou, Zhi-You); Chen, DJ (Chen, De-Jun); Li, H (Li, Hua); Wang, Q (Wang, Qiang); Sun, SG (Sun, Shi-Gang)

**Title:** Electrooxidation of Dimethoxymethane on a Platinum Electrode in Acidic Solutions Studied by in Situ FTIR Spectroscopy

**Source:** JOURNAL OF PHYSICAL CHEMISTRY C, 112 (48): 19012-19017 DEC 4 2008

**Keywords Plus:** METHANOL FUEL-CELL; INFRARED-SPECTROSCOPY; DIRECT OXIDATION; DIMETHYL ETHER; METHYL FORMATE; SURFACE; TRIMETHOXYMETHANE; ELECTROCATALYSIS; ADSORPTION; Pt(100)

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**Times Cited:** 0

**ISSN:** 1932-7447

**DOI:** 10.1021/jp805695u

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Record 35 of 52

**Author(s):** Huang, SH (Huang, Shaohui); Wang, BL (Wang, Boliang); Cheng, M (Cheng, Ming); Huang, XY (Huang, Xiaoyang); Ju, Y (Ju, Ying)

**Title:** The use of a projection method to simplify portal and hepatic vein segmentation in liver anatomy

**Source:** COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, 92 (3): 274-278 Sp. Iss. SI DEC 2008

**Author Keywords:** Liver anatomy; Couinaud's classification; Vessel tree; Volumetric analysis

**Keywords Plus:** RIGHT LOBE; TRANSPLANTATION; DONOR

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Record 36 of 52

**Author(s):** Yun, H (Yun, Hong); Lin, CJ (Lin, Changjian); Li, J (Li, Jing); Wang, JR (Wang, Jingrun); Chen, HB (Chen, Hongbo)

**Title:** Low-temperature hydrothermal formation of a net-like structured TiO2 film and its performance of photogenerated cathode protection

**Source:** APPLIED SURFACE SCIENCE, 255 (5): 2113-2117 Part 1 DEC 30 2008

**Author Keywords:** Hydrothermal; Anodization; TiO2 film; Photoanode; Cathode protection

**Keywords Plus:** TITANATE NANOTUBES; PHOTOCATALYTIC ACTIVITY; CORROSION PROTECTION; STAINLESS-STEEL; ARRAYS; MICROSTRUCTURES; NANOSTRUCTURES; MORPHOLOGY; NANOWIRES; MECHANISM

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Record 37 of 52

**Author(s):** Shen, Q (Shen, Qu); Sherwood, GD (Sherwood, Gwen D.); McNeill, JA (McNeill, Jeanette A.); Li, Z (Li, Zheng)
Title: Postoperative Pain Management Outcome in Chinese Inpatients

Source: WESTERN JOURNAL OF NURSING RESEARCH, 30 (8): 975-990 DEC 2008

Author Keywords: postoperative pain; acute pain; Houston Pain Outcome Instrument; Chinese patients; patient satisfaction; quality of care

Keywords Plus: QUALITY ASSURANCE STANDARDS; PATIENT SATISFACTION; CANCER PAIN; TASK-FORCE; GUIDELINES; EVALUATE

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DOI: 10.1007/s10847-008-9466-9

Record 44 of 52

Author(s): Luo, ZH (Luo, Zheng-Hong); Wang, W (Wang, Wei); Su, PL (Su, Pei-Lin)

Title: Modeling of the Propylene Polymerization Catalyzed by Single-/Multi-Active Site Catalyst: A Monte Carlo Study


Author Keywords: Monte Carlo simulation; propylene; propylene polymerization catalyst; single-/multi-active site catalyst

Keywords Plus: MOLECULAR-WEIGHT DISTRIBUTIONS; FREE-RADICAL POLYMERIZATION; ZIEGLER-NATTA CATALYSTS; CHAIN-LENGTH DISTRIBUTIONS; MASS-TRANSFER RESISTANCE; LOW-DENSITY POLYETHYLENE; HETEROGENEOUS CATALYSIS; MULTISTAGE POLYMERIZATION; BRANCHING DISTRIBUTION; LINEAR-POLYMERS

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Times Cited: 0

ISSN: 0021-8995

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Record 45 of 52

Author(s): Qin, CF (Qin, Chengfu); Yuan, XD (Yuan, Xudong); Su, HJ (Su, Hanji)

Title: Some properties of contraction-critical 5-connected graphs

Source: DISCRETE MATHEMATICS, 308 (23): 5742-5756 DEC 6 2008

Author Keywords: 5-connected graph; Contraction-critical; Fragment

Keywords Plus: CONNECTED GRAPHS; EDGES


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DOI: 10.1016/j.disc.2007.10.041

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Record 46 of 52

Author(s): Zeng, M (Zeng, Ming); Lin, ZF (Lin, ZhiFen); Yin, DQ (Yin, DaQiang); Yin, KD (Yin, KeDong)

Title: QSAR for Predicting Joint Toxicity of Halogenated Benzenes to Dicrateria zhanjiangensis


Author Keywords: QSAR models; Mixture toxicity; Halogenated benzenes; Dicrateria zhanjiangensis

Keywords Plus: NONPOLAR NARCOTIC CHEMICALS; MIXTURE TOXICITY; POLLUTANTS

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Record 47 of 52

Author(s): Lin, WQ (Lin, Weiqiang); Tan, SB (Tan, Shaobin)

Title: Graded Modules Over the q-Analog Virasoro-Like Algebra


Author Keywords: Graded module; Generalized highest weight module; q-analog Virasoro-like algebra; 17B68; 17B65; 17B10

Keywords Plus: HARISH-CHANDRA MODULES; AFFINE LIE-ALGEBRAS; QUANTUM TORI; REPRESENTATIONS

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Times Cited: 0

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Record 48 of 52

Author(s): Wang, DX (Wang, Dongxiao); Xu, HZ (Xu, Hongzhou); Lin, J (Lin, Jing); Hu, JY (Hu, Jianyu)

Title: Anticyclonic Eddies in the Northeastern South China Sea during Winter 2003/2004


Author Keywords: Two anticyclonic eddies; northeastern South China Sea; Kuroshio intrusion; sea level anomaly; satellite-tracked buoy

Keywords Plus: UPPER-LAYER CIRCULATION; LUZON STRAIT; LOOP CURRENT; KUROSHIO BEND; EDDY; INTRUSION; WATER; VARIABILITY

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Record 49 of 52

Author(s): Chen, XH (Chen, Xiaohong); Li, SP (Li, Shuping); Kang, JY (Kang, Junyong)

Title: Initial process effects on the surface morphology and structural property of the AlN epilayers


Conference Title: 12th International Conference on Defects-Recognition, Imaging and Physics in Semiconductors

Conference Date: SEP 09-13, 2007

Conference Location: Berlin, GERMANY
Keywords: ALN/SAPPHIRE TEMPLATES; FILMS; GROWTH; SAPPHIRE; POLARITY; AIN; GAN

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Record 50 of 52

Author(s): Zhou, CJ (Zhou, Changjie); Kang, JY (Kang, Junyong)

Title: Electronic structures of ZnO(0001)-Zn and (000-1)-O polar surfaces

Source: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, 19: S229-S233 Suppl. 1 DEC 2008

Conference Title: 12th International Conference on Defects-Recognition, Imaging and Physics in Semiconductors

Conference Date: SEP 09-13, 2007

Conference Location: Berlin, GERMANY

Keywords: TOTAL-ENERGY CALCULATIONS; WAVE BASIS-SET; OXIDE SURFACES; PHOTOELECTRON DIFFRACTION; ZNO; SPECTROSCOPY; RELAXATION; METALS

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Record 51 of 52

Author(s): Li, ZY (Li, Zhi-Yang); Wu, QH (Wu, Qi-Hui)

Title: The effects of oxygen vacancies on the electronic properties of V2O5-x


Conference Title: 12th International Conference on Defects-Recognition, Imaging and Physics in Semiconductors

Conference Date: SEP 09-13, 2007

Conference Location: Berlin, GERMANY

Keywords: VANADIUM-OXIDES; PHOTOEMISSION-SPECTROSCOPY; THIN-FILMS; PHOTOELECTRON; INTERCALATION; CATALYSTS; SURFACE

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Record 52 of 52

Author(s): Wang, YM (Wang, Ying-Ming); Parkan, C (Parkan, Celik); Luo, Y (Luo, Ying)

Title: A linear programming method for generating the most favorable weights from a pairwise comparison matrix
