经检索“Engineering Village 2”， 以下论文被《Ei Compendex》收录。（检索时间 2013 年 11 月 5 日）。

<RECORD 1>
Accession number:20134316890388
Title:Direct expansion method of moments for nanoparticle Brownian coagulation in the entire size regime
Authors:Chen, Zhongli (1); Lin, Jianzhong (1); Yu, Mingzhou (2)
Author affiliation:(1) School of Aeronautics and Astronautics, Zhejiang University, Hangzhou 310027, China; (2) China Jiliang University, Hangzhou 310018, China; (3) Karlsruhe Institute of Technology, Institute for Mechanical Process Engineering and Mechanisms, Karlsruhe, Germany
Corresponding author:Lin, J.(mecjzlin@public.zju.edu.cn)
Source title:Journal of Aerosol Science
Abbreviated source title:J. Aerosol Sci.
Volume:67
Issue date:January 2014
Publication year:2014
Pages:28-37
Language:English
ISSN:00218502
E-ISSN:18791964
CODEN:JALSB7
Document type:Journal article (JA)
Publisher:Elsevier Ltd, Langford Lane, Kidlington, Oxford, OX5 1GB, United Kingdom
Number of references:29
Main heading:Method of moments
Controlled terms:Brownian movement - Coagulation - Nanoparticles - Parallel architectures
Uncontrolled terms:Accuracy - Brownian coagulation - Brownian particles - Entire size regime - Geometric standard deviations - Lower order moments - Partial derivatives - Quadrature method of moments
Classification code:931 Classical Physics; Quantum Theory; Relativity - 921 Mathematics - 802.3 Chemical Operations - 933 Solid State Physics - 761 Nanotechnology - 722 Computer Systems and Equipment - 708 Electric and Magnetic Materials - 723 Computer Software, Data Handling and Applications
DOI:10.1016/j.jaerosci.2013.08.011
Database:Compendex

<RECORD 2>
Accession number:20134216847212
Title:Power-referenced refractometer with tilted fiber Bragg grating cascaded by chirped grating
Authors:Zheng, Jie (1); Dong, Xinyong (1); Ji, Junhua (2); Su, Haibin (2); Ping Shum, Perry (2)
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China; (2) School of Electrical and Electronics Engineering, Nanyang Technological University, Singapore 639798, Singapore; (3) CINTRA, Research Techno Plaza, 50 Nanyang Drive, Singapore 637553, Singapore; (4) School of Materials Science and Engineering, Nanyang Technological University, Singapore 639798, Singapore
Corresponding author:Dong, X.(xydong@cjlu.edu.cn)
Source title:Optics Communications
Abbreviated source title:Opt Commun
Volume:312
Issue date:2014
Publication year:2014
Pages:106-109
Language:English
ISSN:00304018

CODEN:OPCOB8
Document type:Journal article (JA)
Publisher:Elsevier, P.O. Box 211, Amsterdam, 1000 AE, Netherlands
Number of references:17
Main heading:Fibers
Controlled terms:Fiber Bragg gratings - Optical signal processing - Refractive index - Refractometers
Uncontrolled terms:Chirped fiber Bragg grating - Chirped gratings - Fiber cores - Optical fiber sensor - Optical signals - Reflection modes - Refractive index measurement - Tilted fiber Bragg grating
Classification code:703 Electric Circuits - 741.1 Light/Optics - 741.3 Optical Devices and Systems - 812 Ceramics, Refractories and Glass - 817 Plastics and Other Polymers: Products and Applications - 941.3 Optical Instruments
DOI:10.1016/j.optcom.2013.09.026
Database:Compendex

<RECORD 3>
Accession number:20134116831364
Title:Structural, electronic, and optical properties of hydrogenated few-layer silicene: Size and stacking effects
Authors:Liu, Yang (1); Shu, Haibo (1); Liang, Pei (1); Cao, Dan (3); Chen, Xiaoshuang (2); Lu, Wei (2)
Author affiliation:(1) College of Optical and Electronic Technology, China Jiliang University, 310018 Hangzhou, China; (2) National Laboratory for Infrared Physics, Shanghai Institute of Technical Physics, Chinese Academy of Science, 200083 Shanghai, China; (3) College of Science, China Jiliang University, 310018 Hangzhou, China
Corresponding author:Shu, H.(shu123hb@gmail.com)
Source title:Journal of Applied Physics
Abbreviated source title:J Appl Phys
Volume:114
Issue:9
Issue date:September 7, 2013
Publication year:2013
Article number:094308
Language:English
ISSN:00218979
CODEN:JAPIAU
Document type:Journal article (JA)
Publisher:American Institute of Physics, 2 Huntington Quadrangle, Suite N101, Melville, NY 11747-4502, United States
Number of references:36
Main heading:Optical properties
Controlled terms:Energy gap - Hydrogenation - Light absorption - Stability
Uncontrolled terms:Electronic and optical properties - First principle calculations - Formation energies - Optical absorption edge - Stacking effect - Strong interaction - Structural stabilities - Structural transitions
Classification code:961 Systems Science - 951 Materials Science - 931.3 Atomic and Molecular Physics - 931 Classical Physics; Quantum Theory; Relativity - 802.2 Chemical Reactions - 801 Chemistry - 741.1 Light/Optics
DOI:10.1063/1.4820566
Database:Compendex

<RECORD 4>
Accession number:20134216860342
Title:Structure of CO monolayer on Cu(100)
Authors:Wu, Tai-Quan (1); Wang, Xin-Yan (1); Jiao, Zhi-Wei (1); Luo, Hong-Lei (1); Zhu, Ping (2)Author affiliation:(1) Department of Physics, China Jiliang University, Hangzhou 310018, China;

(2) Department of Physics, Zhejiang University, Hangzhou 310027, China
Corresponding author:Wu, T.-Q.(buckyballling@hotmail.com)
Source title:Wuli Xuebao/Acta Physica Sinica
Abbreviated source title:Wuli Xuebao
Volume:62
Issue:18
Issue date:September 20, 2013
Publication year:2013
Article number:186301
Language:Chinese
ISSN:10003290
CODEN:WLHPAR
Document type:Journal article (JA)
Publisher:Institute of Physics, Chinese Academy of Sciences, P.O. Box 603, Beijing, 100190, China
Number of references:25
Main heading:Copper
Controlled terms:Adsorption - Calculations - Monolayers - Self assembly
Uncontrolled terms:Adsorption site - Adsorption system - Bridge sites - CASTEP - CO molecule - Cu(1 0 0) - Hollow sites
Classification code:921 Mathematics - 813.2 Coating Materials - 802.3 Chemical Operations - 951 Materials Science - 801 Chemistry - 721 Computer Circuits and Logic Elements - 544.1 Copper - 723 Computer Software, Data Handling and Applications
DOI:10.7498/aps.62.186301
Database:Compendex

<RECORD 5>
Accession number:20134216860110
Title:Local exponential synchronization in complex dynamical networks with time-varying delay and hybrid coupling
Authors:Wang, Junyi (1); Zhang, Huaguang (1); Wang, Zhanshan (1); Wang, Binrui (2)
Author affiliation:(1) College of Information Science and Engineering, Northeastern University, Box 134, 110819 Shenyang, LN, China; (2) College of Mechanical and Electrical Engineering, China J iliang University, 310018 Hangzhou, China
Corresponding author:Zhang, H.(hgzhang@ieee.org)
Source title:Applied Mathematics and Computation
Abbreviated source title:Appl. Math. Comput.
Volume:225
Issue date:2013
Publication year:2013
Pages:16-32
Language:English
ISSN:00963003
CODEN:AMHCBQ
Document type:Journal article (JA)
Publisher:Elsevier Inc., 360 Park Avenue South, New York, NY 10010, United States
Number of references:35
Main heading:Complex networks
Controlled terms:Decay (organic) - Linear matrix inequalities - Lyapunov functions - Synchronizatio n - Time varying control systems
Uncontrolled terms:Complex dynamical networks - Configuration matrices - Exponential synchroniza tion - Hybrid couplings - Linear matrix inequality techniques - Lyapunov-Krasovskii functionals - Positive definite - Time-varying delay
Classification code:722 Computer Systems and Equipment - 731.1 Control Systems - 811.2 Wood and Wood Products - 921 Mathematics - 921.1 Algebra
DOI:10.1016/j.amc.2013.09.022
Database:Compendex

<RECORD 6>
Accession number:20134216848101
Title:Investigation of thermal denaturation of solid bovine serum albumin by terahertz dielectric spe ctroscopy
Authors:Li, Xiangjun (1); Fu, Xiuhua (1); Liu, Jianjun (1); Du, Yong (1); Hong, Zhi (1)
Author affiliation:(1) Centre for THz Research, China Jiliang University, Hangzhou, China; (2) Coll ege of Information Engineering, China Jiliang University, Hangzhou, China
Corresponding author:Li, X.(xiangjun_li@cjlu.edu.cn)
Source title:Journal of Molecular Structure
Abbreviated source title:J. Mol. Struct.
Volume:1049
Issue date:2013
Publication year:2013
Pages:441-445
Language:English
ISSN:00222860
CODEN:JMOSB4
Document type:Journal article (JA)
Publisher:Elsevier, P.O. Box 211, Amsterdam, 1000 AE, Netherlands
Number of references:24
Main heading:Denaturation
Controlled terms:Activation energy - Body fluids - Laser pulses - Mammals - Phonons - Refractive index - Relaxation time
Uncontrolled terms:Absorption co-efficient - Arrhenius equation - Bovine serum albumins - Debye models - Frequency-dependent - Single relaxation time - Terahertz time domain spectroscopy - The rmal denaturations
Classification code:931.3 Atomic and Molecular Physics - 931 Classical Physics; Quantum Theory; Relativity - 821 Agricultural Equipment and Methods; Vegetation and Pest Control - 933 Solid Sta te Physics - 744.1 Lasers, General - 461.9 Biology - 461.2 Biological Materials and Tissue Engine ering - 741.1 Light/Optics
DOI:10.1016/j.molstruc.2013.06.048
Database:Compendex

<RECORD 7>
Accession number:20134216867130
Title:Ultra-compact arrayed waveguide grating triplexer based on silicon-on-insulator platform
Authors:Zou, Jun (1); Jiang, Xianxin (1); Lang, Tingting (2); He, Jian-Jun (1)
Author affiliation:(1) State Key Laboratory of Modern Optical Instrumentation, Centre for Integrate d Optoelectronics, Zhejiang University, 310027 Hangzhou, China; (2) College of Optical and Electr onic Technology, China Jiliang University, 310018 Hangzhou, China
Source title:Pacific Rim Conference on Lasers and Electro-Optics, CLEO - Technical Digest
Abbreviated source title:Pacif Rim Conf Lasers Electro Opt CLEO Tech Dig
Monograph title:2013 Conference on Lasers and Electro-Optics Pacific Rim, CLEO-PR 2013
Issue date:2013
Publication year:2013
Article number:6600263
Language:English
ISBN-13:9781467364751
Document type:Conference article (CA)
Conference name:10th Conference on Lasers and Electro-Optics Pacific Rim, CLEO-PR 2013
Conference date:June 30, 2013 - July 4, 2013
Conference location:Kyoto, Japan
Conference code:100080
Sponsor:IEICE Communications Society (IEICE CS); IEICE Electronics Society (IEICE ES); The J apan Society of Applied Physics; Agilent Technologies Japan, Ltd.; Hamamatsu Photonics K.K.
Publisher:Institute of Electrical and Electronics Engineers Inc., 445 Hoes Lane / P.O. Box 1331, Pi scataway, NJ 08855-1331, United States
Number of references:7

Main heading:Arrayed waveguide gratings
Controlled terms:Diffraction gratings - Multiplexing equipment - Nanowires - Polarization
Uncontrolled terms:Diffraction orders - Polarization dependent wavelength - Silicon nanowires - Silicon-on-insulator platforms - Small footprints - Star couplers - TM polarization - Wavelength ranges
Classification code:933 Solid State Physics - 761 Nanotechnology - 741.3 Optical Devices and Systems - 741.1 Light/Optics - 718 Telephone Systems and Related Technologies; Line Communications - 717 Optical Communication - 716 Telecommunication; Radar, Radio and Television
DOI:10.1109/CLEOPR.2013.6600263
Database:Compendex

<RECORD 8>
Accession number:20134116842378
Title:Simulation and test of trajectory tracking control for tomato harvesting manipulator based on fuzzy logic compensation
Authors:Liang, Xifeng (1); Yang, Ben (1); Wang, Yongwei (2)
Author affiliation:(1) College of Mechanical and Electrical Engineering, China Jiliang University, Hangzhou 310018, China; (2) School of Biosystems Engineering and Food Science, Zhejiang University, Hangzhou 310058, China
Corresponding author:Liang, X.(lxfcjlu@163.com)
Source title:Nongye Gongcheng Xuebao/Transactions of the Chinese Society of Agricultural Engineering
Abbreviated source title:Nongye Gongcheng Xuebao
Volume:29
Issue:17
Issue date:September 1, 2013
Publication year:2013
Pages:16-23
Language:Chinese
ISSN:10026819
CODEN:NGOXEO
Document type:Journal article (JA)
Publisher:Chinese Society of Agricultural Engineering, Agricultural Exhibition Road South, Beijing, 100026, China
Number of references:32
Main heading:Manipulators
Controlled terms:Agriculture - Algorithms - Computer control systems - Dynamic models - Errors - Fruits - Fuzzy logic - Harvesting - MATLAB - Membership functions - Navigation - Real time control - Robots - Robustness (control systems) - Surface discharges - Torque - Uncertainty analysis
Uncontrolled terms:Adaptive fuzzy logic system - Fuzzy compensation controller - Global asymptotic stability - Lyapunov stability theory - Multivariable nonlinear systems - Trajectory tracking control - Trajectory tracking controllers - Trajectory tracking errors
Classification code:922.1 Probability Theory - 921 Mathematics - 821 Agricultural Equipment and Methods; Vegetation and Pest Control - 732 Control Devices - 731 Automatic Control Principles and Applications - 721.1 Computer Theory, Includes Formal Logic, Automata Theory, Switching Theory, Programming Theory - 716.3 Radio Systems and Equipment - 701.1 Electricity: Basic Concepts and Phenomena - 421 Strength of Building Materials; Mechanical Properties
DOI:10.3969/j.issn.1002-6819.2013.17.003
Database:Compendex

<RECORD 9>
Accession number:20134216860989
Title:Numerical investigation of influence of nanofillers on performance of energy storage-based heat sink
Authors:Xiao, Yu-Qi (1); Fan, Li-Wu (1); Hong, Rong-Hua (1); Xu, Xu (2); Yu, Zi-Tao (1); Hu, Ya-Cai (1)

Author affiliation:(1) Institute of Thermal Science and Power Systems, Zhejiang University, Hangzhou 310027, China; (2) College of Metrological and Measurement Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Fan, L.-W.(liwufan@zju.edu.cn)
Source title:Zhejiang Daxue Xuebao (Gongxue Ban)/Journal of Zhejiang University (Engineering Science)
Abbreviated source title:Zhejiang Daxue Xuebao (Gongxue Ban)
Volume:47
Issue:9
Issue date:September 2013
Publication year:2013
Pages:1644-1649
Language:Chinese
ISSN:1008973X
CODEN:CHHPDK
Document type:Journal article (JA)
Publisher:Zhejiang University Press, 20 Yugu Road, Hangzhou, 310027, China
Number of references:23
Main heading:Loading
Controlled terms:Carbon nanotubes - Energy storage - Heat flux - Heat sinks - Phase change materials - Thermal conductivity
Uncontrolled terms:Apparent thermal conductivity - Maximum temperature rise - Melting and solidification - Numerical investigations - Overall thermal resistance - Performance enhancements - Thermal conductance - Three-dimensional model
Classification code:761 Nanotechnology - 702 Electric Batteries and Fuel Cells - 672 Naval Vessels - 933 Solid State Physics - 641.2 Heat Transfer - 616 Heat Exchangers - 615 Thermoelectric, Magnetohydrodynamic and Other Power Generators - 616.1 Heat Exchange Equipment and Components
DOI:10.3785/j.issn.1008-973X.2013.09.020
Database:Compendex

<RECORD 10>
Accession number:20134216853020
Title:The signal processing method of mixed interference distributed fiber-optic long-distance pipeline leaks detection system
Authors:Hu, Zhengsong (1); Yang, Qihua (1); Wang, Qiang (1); Zhang, Renjie (1)
Author affiliation:(1) College of Quality and Safety Engineering, China Jiliang University, Hangzhou, Zhejiang, China
Corresponding author:Hu, Z.(woxindong0203@163.com)
Source title:Lecture Notes in Electrical Engineering
Abbreviated source title:Lect. Notes Electr. Eng.
Volume:256 LNEE
Monograph title:Proceedings of 2013 Chinese Intelligent Automation Conference - Intelligent Information Processing
Issue date:2013
Publication year:2013
Pages:449-458
Language:English
ISSN:18761100
E-ISSN:18761119
ISBN-13:9783642384653
Document type:Conference article (CA)
Conference name:2013 Chinese Intelligent Automation Conference, CIAC 2013
Conference date:August 23, 2013 - August 25, 2013
Conference location:Yangzhou, Jiangsu, China
Conference code:98015
Sponsor:Intelligent Automation Committee,; Chinese Association of Automation
Publisher:Springer Verlag, Tiergartenstrasse 17, Heidelberg, D-69121, Germany

Number of references:16
Main heading:Signal processing
Controlled terms:Curve fitting - Fiber optics - Interferometers - Leakage (fluid)
Uncontrolled terms:Distributed fiber-optic - Fiber-optic interferometers - Leakage detection - Least s quares curve fittings - Mixed interference - Multi-scale Decomposition - Testing environment - Wa velet
Classification code:452.3 Industrial Wastes - 716.1 Information Theory and Signal Processing - 741. 1.2 Fiber Optics - 921.6 Numerical Methods - 941.3 Optical Instruments
DOI:10.1007/978-3-642-38466-0_50
Database:Compendex

<RECORD 11>
Accession number:20134216860811
Title:Luminescence properties of high Y³⁺-doped Ce:Li<inf>6</inf>Lu(BO<inf>3</inf>) <inf>3</inf> scintillators
Authors:Sun, Dan-Dan (1); Pan, Shang-Ke (1); Ren, Guo-Hao (1); Wu, Yun-Tao (1); Shang, Shan-Shan (2); Zhang, Guo-Qing (3)
Author affiliation:(1) Shanghai Institute of Ceramics, Chinese Academy of Sciences, Shanghai 2018 00, China; (2) College of Materials Science and Engineering, China Jiliang University, Hangzhou 3 10018, China; (3) Faculty of Earth Sciences, China University of Gesciences, Wuhan 430074, Chin a
Corresponding author:Ren, G.-H.(rgh@mail.sic.ac.cn)
Source title:Wuji Cailiao Xuebao/Journal of Inorganic Materials
Abbreviated source title:Wuji Cailiao Xuebao
Volume:28
Issue:9
Issue date:September 2013
Publication year:2013
Pages:987-991
Language:Chinese
ISSN:1000324X
CODEN:WCXUET
Document type:Journal article (JA)
Publisher:Science Press, 18,Shuangqing Street,Haidian, Beijing, 100085, China
Number of references:21
Main heading:Cerium
Controlled terms:Atoms - Lithium - Luminescence - Solid solutions - X ray powder diffraction - X rays
Uncontrolled terms:Decay time - Effective atomic number - Electronic transition - Luminescence in tensity - Luminescence properties - PL spectra - Solid-state synthesis - X-ray stimulated luminesce nces
Classification code:547.2 Rare Earth Metals - 549.1 Alkali Metals - 741.1 Light/Optics - 931.3 At omic and Molecular Physics - 932.1 High Energy Physics - 933 Solid State Physics
DOI:10.3724/SP.J.1077.2013.12735
Database:Compendex

<RECORD 12>
Accession number:IP52812005
Title:Sintering behavior and microwave dielectric properties of a new low-permittivity ceramic syste m Ca(Mg<inf>1-x</inf> Al<inf> x</inf>)(Si<inf>1-x/2</inf>Al<inf> x/2</inf>)<inf>2</inf>O<inf>6 </inf>
Authors:Wang, Huanping (1); Li, Denghao (1); Yang, Qinghua (1); Lei, Ruoshan (1); Ma, Hongpin g (2); Xu, Shiqing (1)
Author affiliation:(1) College of Materials Science and Engineering, China Jiliang University, Hang zhou 310018, PR China; (2) School of Mechanical and Automotive Engineering, Zhejiang Universit y of Science and Technology, Hangzhou 310012, PR China
Corresponding author:Xu, S.(sxucjlu@hotmail.com)

Source title:Ceramics International
Abbreviated source title:Ceram Int
Issue date:2013
Publication year:2013
Language:English
ISSN:02728842
CODEN:CINNDH
Document type:Article in Press
Main heading:Aluminum
Controlled terms:Calcium - Ceramic materials - Silicon - Sintering - Solid state reactions
Uncontrolled terms:Microwave dielectric properties - Sintering behaviors - Sintering process - Solid solubilities - Solid state reaction method - Solubility limits - Temperature coefficient of frequencies - Temperature range
Classification code:541.1 Aluminum - 549.2 Alkaline Earth Metals - 549.3 Nonferrous Metals and Alloys excluding Alkali and Alkaline Earth Metals - 802.2 Chemical Reactions - 802.3 Chemical Operations - 812.1 Ceramics - 812.2 Refractories
DOI:10.1016/j.ceramint.2013.09.101
Database:Compendex

<RECORD 13>
Accession number:20134216849380
Title:Ordered structures from crystalline carbon disulfide solvates of the nano-tubular fullerenes D<inf>5h</inf>(1)-C<inf>90</inf> and D <inf>5h</inf>-C<inf>70</inf>
Authors:Bowles, Faye L. (1); Mercado, Brandon Q. (1); Ghiassi, Kamran B. (1); Chen, Susanne Y. (1); Olmstead, Marilyn M. (1); Yang, Hua (2); Liu, Ziyang (2); Balch, Alan L. (1)
Author affiliation:(1) Department of Chemistry, University of California, Davis, Davis, CA 95616, United States; (2) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Olmstead, M.M.(mmolmstead@ucdavis.edu)
Source title:Crystal Growth and Design
Abbreviated source title:Cryst. Growth Des.
Volume:13
Issue:10
Issue date:October 2, 2013
Publication year:2013
Pages:4591-4598
Language:English
ISSN:15287483
E-ISSN:15287505
CODEN:CGDEFU
Document type:Journal article (JA)
Publisher:American Chemical Society, 2540 Olentangy River Road, P.O. Box 3337, Columbus, OH 43210-3337, United States
Number of references:46
Main heading:Fullerenes
Controlled terms:Carbon disulfide - Chains - Crystal structure - Crystalline materials - Molecules - Single crystals - X ray diffraction
Uncontrolled terms:Crystalline solvates - Fullerene cages - Fullerene layers - Hexagonal close packing - Molecular packings - Ordered structures - Single crystal x-ray diffraction - Structure determination
Classification code:933.1.1 Crystal Lattice - 933.1 Crystalline Solids - 931.3 Atomic and Molecular Physics - 804.2 Inorganic Compounds - 804 Chemical Products Generally - 761 Nanotechnology - 602.1 Mechanical Drives
DOI:10.1021/cg401138g
Database:Compendex

<RECORD 14>

Accession number:20134316894240
Title:High resolution optical spectrum measurement based on stimulated Brillouin scattering using DFB lasers
Authors:Zhang, Zhen-Wei (1); Zheng, Wan-Fu (1); Zhang, Cai-Xia (1); Kang, Juan (1); Xu, Ben (1); Li, Yi (1)
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 31 0018, China
Corresponding author:Li, Y.(yli@cjlu.edu.cn)
Source title:Guangdianzi Jiguang/Journal of Optoelectronics Laser
Abbreviated source title:Guangdianzi Jiguang
Volume:24
Issue:9
Issue date:September 2013
Publication year:2013
Pages:1763-1767
Language:Chinese
ISSN:10050086
CODEN:GUJIE9
Document type:Journal article (JA)
Publisher:Board of Optronics Lasers, No. 47 Yang-Liu-Qing Ying-Jian Road, Tian-Jin City, 300380, China
Number of references:17
Main heading:Stimulated Brillouin scattering
Controlled terms:Distributed feedback lasers - Feedback - Light sources - Optical fibers - Pumping (laser) - Tuning
Uncontrolled terms:Measurement precision - Optical spectra - Self-beating frequency - Single-mode optical fiber - Stimulated Brillouin - Stimulated Brillouin Scattering (SBS) - Vibration resistance - Wavelength scanning
Classification code:731.1 Control Systems - 741.1 Light/Optics - 741.1.2 Fiber Optics - 744.1 Lase rs, General
Database:Compendex

<RECORD 15>
Accession number:20134316888857
Title:Rapid measurement method for small work-piece flatness error
Authors:Qiu, Rong Sheng (1); Wang, Xiao Lin (1); Pan, Yong Ming (1)
Author affiliation:(1) College of mechanical and electrical engineering, China Jiliang University, No. 258 Xueyuan Street, Xiasha Higher Education District, Hangzhou, China
Source title:Applied Mechanics and Materials
Abbreviated source title:Appl. Mech. Mater.
Volume:373-375
Monograph title:Mechatronics, Robotics and Automation
Issue date:2013
Publication year:2013
Pages:790-794
Language:English
ISSN:16609336
E-ISSN:16627482
ISBN-13:9783037858066
Document type:Conference article (CA)
Conference name:2013 International Conference on Mechatronics, Robotics and Automation, ICMR A 2013
Conference date:June 13, 2013 - June 14, 2013
Conference location:Guangzhou, China
Conference code:100297
Sponsor:Korea Maritime University; Inha University; Hong Kong Industrial Technology Research C entre
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland

Number of references:8
Main heading:Robotics
Controlled terms:Errors - Least squares approximations
Uncontrolled terms:Discontinuous plane - Flatness error - Keypoints - Laser displacement sensors - Method of least squares - Multiple lasers - Rapid measurement - Research object
Classification code:731 Automatic Control Principles and Applications - 731.5 Robotics - 921 Mathematics - 921.6 Numerical Methods
DOI:10.4028/www.scientific.net/AMM.373-375.790
Database:Compendex

<RECORD 16>
Accession number:20134116819816
Title:A monolithic 0.18m 4GHZ CMOS frequency synthesizer
Authors:Xiushan, Wu (1); Changhong, Huan (1); Wei, Lv (1); Ming, Hu (1); Qing, Li (1)
Author affiliation:(1) College of Electrical and Mechanical Engineering, China Jiliang University, Hangzhou 310018, China
Corresponding author:Xiushan, W.(wuxiushan@cjlu.edu.cn)
Source title:Telkomnika
Abbreviated source title:Telkomnika
Volume:11
Issue:2
Issue date:February 2013
Publication year:2013
Pages:754-760
Language:English
ISSN:23024046
E-ISSN:2087278X
Document type:Journal article (JA)
Publisher:Universitas Ahmad Dahlan, Jalan Kapas 9, Semaki, Umbul Harjo,, Yogiakarta, 55165, Indonesia
Number of references:13
Main heading:Frequency synthesizers
Controlled terms:CMOS integrated circuits - Phase locked loops - Phase noise - Variable frequency oscillators
Uncontrolled terms:CP - DC power consumption - Design and optimization - Digital registers - Dual modulus prescaler - Loop parameters - Measured results - PFD
Classification code:713.2 Oscillators - 713.5 Electronic Circuits Other Than Amplifiers, Oscillators, Modulators, Limiters, Discriminators or Mixers - 714.2 Semiconductor Devices and Integrated Circuits
Database:Compendex

<RECORD 17>
Accession number:20134116843829
Title:Development and design of the pull detection system
Authors:Zhang, Fei (1); Ding, Hong (2); Yao, Bao-Guo (1)
Author affiliation:(1) College of Mechanical Engineering, China Jiliang University, Hangzhou, China; (2) Science research department, Zhejiang University of Finance and Economics, Hangzhou, China
Source title:Advanced Materials Research
Abbreviated source title:Adv. Mater. Res.
Volume:765-767
Monograph title:Advanced Information and Computer Technology in Engineering and Manufacturing, Environmental Engineering
Issue date:2013
Publication year:2013
Pages:2134-2139
Language:English

ISSN:10226680
ISBN-13:9783037857984
Document type:Conference article (CA)
Conference name:2013 International Conference on Advances in Materials Science and Manufacturing Technology, AMSMT 2013
Conference date:May 18, 2013 - May 19, 2013
Conference location:Xiamen, Fujian, China
Conference code:99913
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:5
Main heading:Design
Controlled terms:Application programs - Manufacture - Personal computers - Programmable logic controllers
Uncontrolled terms:Application programming - Communication interface - Configuration software - Industrial control systems - Opc technologies - Real-time communication - Real-time data - VC
Classification code:408 Structural Design - 537.1 Heat Treatment Processes - 722.4 Digital Computers and Systems - 723 Computer Software, Data Handling and Applications - 732.1 Control Equipment
DOI:10.4028/www.scientific.net/AMR.765-767.2134
Database:Compendex

<RECORD 18>
Accession number:20134316887688
Title:Movement function reliability of limit-locking mechanism of space cable-strut deployable articulated mast
Authors:Tan, Zhong Qiang (1); Wang, Shi Jiao (1); Zhao, Ming Yan (2)
Author affiliation:(1) College of Machinery and Automatic Control, Zhejiang Sci-Tech University, Hangzhou 310018, China; (2) College of Mechanical and Electrical Engineering, China Jiliang University, Hangzhou 310018, China
Source title:Applied Mechanics and Materials
Abbreviated source title:Appl. Mech. Mater.
Volume:365-366
Monograph title:Machine Design and Manufacturing Engineering II
Issue date:2013
Publication year:2013
Pages:344-350
Language:English
ISSN:16609336
E-ISSN:16627482
ISBN-13:9783037857816
Document type:Conference article (CA)
Conference name:2013 2nd International Conference on Machine Design and Manufacturing Engineering, ICMDME 2013
Conference date:May 1, 2013 - May 2, 2013
Conference location:Jeju Island, Korea, Republic of
Conference code:100289
Sponsor:Trans Tech Publications
Publisher:Trans Tech Publications Ltd, Kreuzstrasse 10, Zurich-Durnten, CH-8635, Switzerland
Number of references:12
Main heading:Locks (fasteners)
Controlled terms:Cables - Industrial engineering - Machine design - Reliability - Struts
Uncontrolled terms:Function reliability - Movement reliability - Selflocking - Space cable-strut deployable articulated mast
Classification code:408.2 Structural Members and Shapes - 421 Strength of Building Materials; Mechanical Properties - 535 Rolling, Forging and Forming - 601 Mechanical Design - 601.3 Mechanisms - 912.1 Industrial Engineering
DOI:10.4028/www.scientific.net/AMM.365-366.344
Database:Compendex

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<RECORD 19>
Accession number:20134216860596
Title:A machine vision illumination system based on simultaneous multiple surfaces design
Authors:Chen, Rui (1); Cen, Song-Yuan (1); Jin, Shang-Zhong (1)
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 31 0018, China
Corresponding author:Cen, S.-Y.(13958196635@163.com)
Source title:Guangzi Xuebao/Acta Photonica Sinica
Abbreviated source title:Guangzi Xuebao
Volume:42
Issue:8
Issue date:August 2013
Publication year:2013
Pages:956-961
Language:Chinese
ISSN:10044213
CODEN:GUXUED
Document type:Journal article (JA)
Publisher:Chinese Optical Society, P.O. Box 80, Xi'an, 710068, China
Number of references:14
Main heading:Light emitting diodes
Controlled terms:Computer vision - Energy efficiency - Light sources - Lighting - Monte Carlo me thods - Optical systems - Surface mount technology
Uncontrolled terms:High energy efficiency - Illumination system - Illumination uniformity - Machin e vision systems - Monte-Carlo ray tracing - Multiple light source - Multiple surfaces - Simultane ous multiple surfaces designs
Classification code:525.2 Energy Conservation - 707 Illuminating Engineering - 714.2 Semiconducto r Devices and Integrated Circuits - 741.2 Vision - 741.3 Optical Devices and Systems - 922.2 Mat hematical Statistics
DOI:10.3788/gzxb20134208.0956
Database:Compendex
Compilation and indexing terms, Copyright 2013 Elsevier Inc.

<RECORD 20>
Accession number:IP52812951
Title:GPU accelerated lattice Boltzmann simulation for rotational turbulence
Authors:Yu, Huidan (Whitney) (1); Chen, Rou (3); Wang, Hengjie (4); Yuan, Zhi (5); Zhao, Ye (5); An, Yiran (4); Xu, Yousheng (6); Zhu, Luoding (7)
Author affiliation:(1) Department of Mechanical Engineering, Indiana University Purdue-University I ndianapolis, IN 46202, USA; (2) College of Metrology and Measurement Engineering, Zhongguo Ji liang University, Hangzhou, China; (3) Department of Physics, Zhejiang Normal University, Jinhua 321004, China; (4) Department of Mechanics, College of Engineering, Peking University, Beijing, 100871, China; (5) Department of Computer Science, Kent State University, OH 44242, USA; (6) School of Light Industry, Zhejiang University of Science and Technology, Hangzhou 310023, Chi na; (7) Department of Mathematical Sciences, Indiana University Purdue-University Indianapolis, IN 46202, USA
Corresponding author:Yu, H.(W.)(whyu@iupui.edu)
Source title:Computers and Mathematics with Applications
Abbreviated source title:Comput Math Appl
Issue date:2013
Publication year:2013
Language:English
ISSN:08981221
CODEN:CMAPDK
Document type:Article in Press
Main heading:Rotation
Controlled terms:Computational fluid dynamics - Higher order statistics - Kinetic energy - Kinetics

- Parallel architectures - Turbulence - Vortex flow
Uncontrolled terms:CUDA (compute unified device architecture) - Graphic processing units - Invers e energy transfer - Isotropic turbulence - Kolmogorov hypothesis - Lattice boltzmann methods (LB M) - Lattice Boltzmann simulations - Quantitative agreement
Classification code:631.1 Fluid Flow, General - 722 Computer Systems and Equipment - 723 Com puter Software, Data Handling and Applications - 922.2 Mathematical Statistics - 931.1 Mechanics
DOI:10.1016/j.camwa.2013.09.017
Database:Compendex

<RECORD 21>
Accession number:20134116836910
Title:Giant low-field magnetostriction of epoxy/Tb<inf>x</inf>Dy <inf>1-x</inf>(Fe<inf>0.8</inf>Co <inf>0.2</inf>)<inf>2</inf> composites (0.20 &le x &le 0.40)
Authors:Liu, J.J. (1); Pan, Z.B. (1); Si, P.Z. (2); Du, J. (3)
Author affiliation:(1) Faculty of Materials Science and Chemical Engineering, Ningbo University, N ingbo 315211, China; (2) College of Materials Science and Engineering, China Jiliang University, Hangzhou 310018, China; (3) Ningbo Institute of Materials Technology and Engineering, Chinese Academy of Sciences, Ningbo 315201, China
Corresponding author:Liu, J.J.
Source title:Applied Physics Letters
Abbreviated source title:Appl Phys Lett
Volume:103
Issue:4
Issue date:July 22, 2013
Publication year:2013
Article number:042406
Language:English
ISSN:00036951
CODEN:APPLAB
Document type:Journal article (JA)
Publisher:American Institute of Physics, 2 Huntington Quadrangle, Suite N101, Melville, NY 11747 -4502, United States
Number of references:15
Main heading:Magnetostriction
Controlled terms:Cobalt compounds - Dysprosium compounds - Iron alloys - Iron compounds - Ma gnetocrystalline anisotropy - X ray diffraction - X ray powder diffraction
Uncontrolled terms:Alloy particles - Chain structure - Easy magnetization directions - Experimental evidence - Magnetoelastic properties - Magnetostriction coefficient - Room temperature - Spin con figurations
Classification code:545.3 Steel - 701.2 Magnetism: Basic Concepts and Phenomena - 804.1 Organic Compounds - 931.3 Atomic and Molecular Physics
DOI:10.1063/1.4816417
Database:Compendex

<RECORD 22>
Accession number:20134216860499
Title:Filter optimization design for photoelectric integral light source color illumination instrument
Authors:Yuan, Kun (1); Yan, Huimin (1); Jin, Shangzhong (2); Wang, Cong (3)
Author affiliation:(1) State Key Laboratory of Modern Optical Instrument, Zhejiang University, Han gzhou, Zhejiang 310027, China; (2) College of Optical and Electronic Technology, China Jiliang U niversity, Hangzhou, Zhejiang 310018, China; (3) Shenzhen Chinaspec Optics and Color Technolog y Co. Ltd., Shenzhen, Guangdong 518000, China
Corresponding author:Yuan, K.(10930014@zju.edu.cn)
Source title:Guangxue Xuebao/Acta Optica Sinica
Abbreviated source title:Guangxue Xuebao
Volume:33
Issue:8

Issue date:August 2013
Publication year:2013
Pages:0812002
Language:Chinese
ISSN:02532239
CODEN:GUXUDC
Document type:Journal article (JA)
Publisher:Chinese Optical Society, P.O. Box 80, Xi'an, 710068, China
Number of references:11
Main heading:Color
Controlled terms:Design - Instruments - Light sources - Measurements - Optimization - Photoelectricity
Uncontrolled terms:Correction models - Filter match - Filter optimization - Illuminance measurement - Light source colors - Normal incidence - Oblique incidence - Spectral transmittance
Classification code:944 Moisture, Pressure and Temperature, and Radiation Measuring Instruments - 943 Mechanical and Miscellaneous Measuring Instruments - 942 Electric and Electronic Measuring Instruments - 941 Acoustical and Optical Measuring Instruments - 921.5 Optimization Techniques - 741.1 Light/Optics - 408 Structural Design
DOI:10.3788/AOS201333.0812002
Database:Compendex

<RECORD 23>
Accession number:20134216869684
Title:Can H<inf>2</inf>S affect the methane oxidation in a landfill?
Authors:Long, Yu-Yang (1); Liao, Yan (1); Zhang, Kun (1); Hu, Li-Fang (2); Fang, Cheng-Ran (3); Shen, Dong-Sheng (1)
Author affiliation:(1) Zhejiang Provincial Key Laboratory of Solid Waste Treatment and Recycling, School of Environmental Science and Engineering, Zhejiang Gongshang University, Hangzhou 310012, China; (2) College of Quality and Safety Engineering, China Jiliang University, Hangzhou 310018, China; (3) School of Civil Engineering and Architecture, Zhejiang University of Science and Technology, Hangzhou 310023, China; (4) Mississippi International Water (China) Co. Ltd., Hangzhou 310023, China
Corresponding author:Shen, D.-S.(shends@zju.edu.cn)
Source title:Ecological Engineering
Abbreviated source title:Ecol. Eng.
Volume:60
Issue date:November 2013
Publication year:2013
Pages:438-444
Language:English
ISSN:09258574
CODEN:ECENEL
Document type:Journal article (JA)
Publisher:Elsevier, P.O. Box 211, Amsterdam, 1000 AE, Netherlands
Number of references:39
Main heading:Land fill
Controlled terms:Biogas - Methane - Oxidation
Uncontrolled terms:Behavior - Biological oxidations - CH<inf>4</inf> - Competitive inhibition - Emission mitigation - H<inf>2</inf>S - Landfill-cover soils - Methane oxidation
Classification code:452 Municipal and Industrial Wastes; Waste Treatment and Disposal - 522 Gas Fuels - 802.2 Chemical Reactions
DOI:10.1016/j.ecoleng.2013.09.006
Database:Compendex

<RECORD 24>
Accession number:20134316894228
Title:Optic fiber temperature sensor based on double-demodulation of the wavelength and intensity

Authors:Song, Hai-Feng (1); Gong, Hua-Ping (1); Ni, Kai (1); Dong, Xin-Yong (1)
Author affiliation:(1) Institute of Optoelectronic Technology, China Jiliang University, Hangzhou 310018, China
Corresponding author:Gong, H.-P.(gonghp77@hotmail.com)
Source title:Guangdianzi Jiguang/Journal of Optoelectronics Laser
Abbreviated source title:Guangdianzi Jiguang
Volume:24
Issue:9
Issue date:September 2013
Publication year:2013
Pages:1694-1697
Language:Chinese
ISSN:10050086
CODEN:GUJIE9
Document type:Journal article (JA)
Publisher:Board of Optronics Lasers, No. 47 Yang-Liu-Qing Ying-Jian Road, Tian-Jin City, 300380, China
Number of references:16
Main heading:Fibers
Controlled terms:Demodulation - Light emitting diodes - Light sources - Optical variables measurement - Polarization-maintaining fiber - Spectrum analyzers - Stability - Temperature measurement - Temperature sensors - Wavelength
Uncontrolled terms:Conventional single-mode fibers - Intensity demodulation - Interference spectrum - Optical fiber sensor - Optical spectrum analyzer - Structural stabilities - Temperature increase - Wavelength demodulation
Classification code:961 Systems Science - 931 Classical Physics; Quantum Theory; Relativity - 941 Acoustical and Optical Measuring Instruments - 941.4 Optical Variables Measurements - 942 Electric and Electronic Measuring Instruments - 943 Mechanical and Miscellaneous Measuring Instruments - 944 Moisture, Pressure and Temperature, and Radiation Measuring Instruments - 944.6 Temperature Measurements - 951 Materials Science - 817 Plastics and Other Polymers: Products and Applications - 711 Electromagnetic Waves - 716 Telecommunication; Radar, Radio and Television - 732 Control Devices - 812 Ceramics, Refractories and Glass - 741.1 Light/Optics - 744 Lasers - 801 Chemistry - 741.1.2 Fiber Optics
Database:Compendex

<RECORD 25>
Accession number:20134216847206
Title:Comparative research on indium seal process for transmission-mode GaAs photocathodes
Authors:Chen, Liang (1); Zhang, Shuqin (1); Jin, Shangzhong (1); Xu, Sunan (1); Jiao, Gangcheng (2)
Author affiliation:(1) Institute of Optoelectronics Technology, China Jiliang University, 310018 Hangzhou, China; (2) Science and Technology on Low-Light-Level Night Vision Laboratory, 710065 Xi'an, China
Corresponding author:Chen, L.(52571497@qq.com)
Source title:Optics Communications
Abbreviated source title:Opt Commun
Volume:311
Issue date:2013
Publication year:2013
Pages:385-388
Language:English
ISSN:00304018
CODEN:OPCOB8
Document type:Journal article (JA)
Publisher:Elsevier, P.O. Box 211, Amsterdam, 1000 AE, Netherlands
Number of references:16
Main heading:Photocathodes
Controlled terms:Curve fitting - Drops - Field emission cathodes - Gallium arsenide - Indium - Op

timization - Research - Semiconducting gallium - Surface properties - Vision aids
Uncontrolled terms:Activation process - Comparative research - GaAs photocathodes - Integral sensi tivity - Micro channel plate - Night vision devices - Seal process - Surface photovoltage spectrosc opy
Classification code:951 Materials Science - 921 Mathematics - 901.3 Engineering Research - 804 C hemical Products Generally - 714.1 Electron Tubes - 712.1.1 Single Element Semiconducting Mater ials - 549.3 Nonferrous Metals and Alloys excluding Alkali and Alkaline Earth Metals - 461.5 Re habilitation Engineering and Assistive Technology - 443.1 Atmospheric Properties
DOI:10.1016/j.optcom.2013.08.064
Database:Compendex

<RECORD 26>
Accession number:20134216860850
Title:Coercivity of the sintered NdFeB magnets with Tb and Zr doping
Authors:Pan, Minxiang (1); Zhang, Pengyue (1); Ge, Hongliang (1); Yang, Hangfu (1); Wu, Qiong (1); Hua, Sihao (1); Jiang, Huanchang (1)
Author affiliation:(1) Magnetism Key Laboratory of Zhejiang Province, China Jiliang University, H angzhou 310018, China
Corresponding author:Zhang, P.(zhang_pengyue@cjlu.edu.cn)
Source title:Xiyou Jinshu Cailiao Yu Gongcheng/Rare Metal Materials and Engineering
Abbreviated source title:Xiyou Jinshu Cailiao Yu Gongcheng
Volume:42
Issue:8
Issue date:August 2013
Publication year:2013
Pages:1685-1689
Language:Chinese
ISSN:1002185X
CODEN:XJCGEA
Document type:Journal article (JA)
Publisher:Rare Metals Materials and Engineering Press, P.O. Box 51, Xi'an, 721014, China
Number of references:10
Main heading:Zirconium
Controlled terms:Cerium alloys - Coercive force - Metalloids - Microstructure - Neodymium alloys - Permanent magnets - Sintering - X ray diffraction
Uncontrolled terms:Crystal face - HD - Nd-Fe-B magnets - Orientation degree - Rare earth perman ent magnet - Room temperature - Sintered NdFeB magnet - Tetragonal phase
Classification code:951 Materials Science - 933.1.1 Crystal Lattice - 933 Solid State Physics - 804 Chemical Products Generally - 704.1 Electric Components - 701.2 Magnetism: Basic Concepts an d Phenomena - 549.3 Nonferrous Metals and Alloys excluding Alkali and Alkaline Earth Metals - 547.2 Rare Earth Metals - 536.1 Powder Metallurgy Operations
Database:Compendex

<RECORD 27>
Accession number:20134216849458
Title:Density and phonon-stiffness anomalies of water and ice in the full temperature range
Authors:Sun, Chang Q. (1); Zhang, Xi (2); Fu, Xiaojian (4); Zheng, Weitao (5); Kuo, Jer-Lai (6); Zhou, Yichun (1); Shen, Zexiang (7); Zhou, Ji (4)
Author affiliation:(1) Key Laboratory of Low-Dimensional Materials and Application Technologies (Ministry of Education), Faculty of Materials, Optoelectronics and Physics, Xiangtan University, Hu nan 411105, China; (2) NOVITAS, School of Electrical and Electronic Engineering, Nanyang Tech nological University, Singapore 639798, Singapore; (3) Center for Coordination Bond and Electroni c Engineering, College of Materials Science and Engineering, China Jiliang University, Hangzhou 3 10018, China; (4) State Key Laboratory of New Ceramics and Fine Processing, Department of Mat erials Science and Engineering, Tsinghua University, Beijing 100084, China; (5) School of Material s Science, Jilin University, Changchun 130012, China; (6) Institute of Atomic and Molecular Scien ces, Academia Sinica, Taipei 10617, Taiwan; (7) School of Physics, Nanyang Technological Univer

sity, Singapore 639798, Singapore
Corresponding author:Sun, C.Q.(ecqsun@ntu.edu.sg)
Source title:Journal of Physical Chemistry Letters
Abbreviated source title:J. Phys. Chem. Lett.
Volume:4
Issue:19
Issue date:October 3, 2013
Publication year:2013
Pages:3238-3244
Language:English
E-ISSN:19487185
Document type:Journal article (JA)
Publisher:American Chemical Society, 2540 Olentangy River Road, P.O. Box 3337, Columbus, OH 43210-3337, United States
Number of references:49
Main heading:Ice
Controlled terms:Cooling - Hydrogen bonds - Phonons - Relaxation processes - Specific heat - Stif fness - Van der Waals forces - Water
Uncontrolled terms:Anomalies of waters - Coulomb repulsions - Length contraction - Low temperat ures - Relaxation dynamics - Temperature range - Van der Waals bonds - Volume expansion
Classification code:931.3 Atomic and Molecular Physics - 931.1 Mechanics - 801.4 Physical Chemi stry - 641.2 Heat Transfer - 951 Materials Science - 641.1 Thermodynamics - 443 Meteorology - 422 Strength of Building Materials; Test Equipment and Methods - 421 Strength of Building Mate rials; Mechanical Properties - 444 Water Resources
DOI:10.1021/jz401380p
Database:Compendex

注：
以上检索结果均得到被检索人的确认。

《Engineering Index》检索结果
检索人(签章): 中国计量学院图书馆
2013 年 11 月 5 日