

2005年EI Compendex 收录我校教师论文情况统计表

Sch Mat Sci & Engn (材料科学与工程学院) 12 篇

- 1.Title: Numerical simulation of the brazing process of cemented carbide cirque and steel**
Author: Yue, Xi-Shan (College of Material Science and Engineering, Harbin University of Science and Technology); Sun, Feng-Lian
Source: *Hanjie Xuebao/Transactions of the China Welding Institution*, v 26, n 9, September, 2005, p 35-38+43
Database: Compendex
- 2.Title: Influence of the Li/Nb ratio on crystal growth and photorefractive properties of Ce:Mn:LiNbO₃ crystal**
Author: Zheng, Wei (College of Material Science and Engineering, 317, Harbin University of Science and Technology); Liu, Bo; Bi, Jiancong; Xu, Yuheng
Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5633, *Advanced Materials and Devices for Sensing and Imaging II*, 2005, p 492-496
Database: Compendex
- 3.Title: Effects of alternative electromagnetic field on surface tension and filling ability of molten metal**
Author: He, Hong-Liang (School of Materials Science and Engineering, Harbin University of Science and Technology); Kang, Fu-Wei; Wang, Li-Ping
Source: *Transactions of Nonferrous Metals Society of China (English Edition)*, v 15, n 3, June, 2005, p 548-552
Database: Compendex
- 4.Title: The growth and photorefractive effect of co-doped Ce:Cu:BGO crystals**
Author: Zheng, Wei (College of Material Science and Engineering, 317#, Harbin University of Science and Technology); Wang, Fengchun; Xu, Yuheng
Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5636, n PART 2, *Holography, Diffractive Optics, and Applications II*, 2005, p 651-655
Database: Compendex
- 5.Title: New method and device for fast testing surface tension of liquid aluminum alloy**
Author: Li, Da-Yong (Sch. of Ma. Sci. and Eng., Harbin Univ. of Sci. and Technol.); Shi, De-Quan; Zhang, Yu-Tong
Source: *Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals*, v 15, n 2, February, 2005, p 179-183
Database: Compendex
- 6.Title: Permanent-mold casting and foundry technique for helicopter rotor counterbalance component of copper alloy**
Author: Liu, Zhao-Jing (Coll. of Mat. Sci. and Eng., Harbin Univ. of Sci. and Technol.); Ren, Shan-Zhi; Wu, Shi-Ping; Li, Feng-Zhen; Zuo, Feng
Source: *Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals*, v 15, n 2, February, 2005, p 259-263
Database: Compendex
- 7.Title: Effect of alternating electromagnetic field on shrinkage cavities and porosities in Al-5%Cu alloy**
Author: He, Hong-Liang (School of Materials Science and Engineering, Harbin University of Science and Technology); Guo, Er-Jun
Source: *Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals*, v 15, n 6, June, 2005, p 888-892
Database: Compendex
- 8.Title: Development of an intelligent apparatus of testing the quality parameters of green sand**
Author: Shi, Dequan (Material Science and Engineering College, Harbin University of Science and Technology); Li, Dayong; Dong, Jingwei; Zhang, Yutong
Source: *Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering*, v 41, n 6, June, 2005, p 194-197
Database: Compendex
- 9.Title: Holographic associative memory by phase conjugate of four-wave-mixing in**

Sc:Fe:LiNbO₃ crystal

Author: Zheng, Wei (The Coll. of Mat. Sci. and Eng., 317#, Harbin Univ. of Sci. and Technology); Liu, Bo; Bi, Jiancong; Xu, Yuheng

Source: *Optics Communications*, v 246, n 4-6, Feb 15, 2005, p 297-301

Database: Compendex

10.Title: Synthesis and electric properties of nano-hybrid polyimide/silica film

Author: Zhang, Mingyan (Material Science and Engineering College, Harbin University of Science and Technology); Dong, Tiejuan; Zeng, Shujin; Zhong, Jinghe; Fan, Yong; Zhang, Xiaohong; Lei, Qingquan

Source: *Proceedings of the International Symposium on Electrical Insulating Materials*, v 2, *Proceedings of 2005 International Symposium on Electrical Insulating Materials, ISEIM 2005*, 2005, p 397-400

Database: Compendex

11.Title: Erosive wear and wear mechanism of in situ TiC_p/Fe composites

Author: Liu, Zhaojing (School of Materials Science and Engineering, Harbin University of Science and Technology); Ning, Zhiliang; Li, Fengzhen; Yao, Xiurong; Ren, Shanzhi

Source: *Journal of Materials Science and Technology*, v 21, n 5, September, 2005, p 719-723

Database: Compendex

12.Title: Study on the intercalative EVOH/montmorillonite nanocomposite

Author: Dai, Li-Jun (School of Materials Science and Engineering, Harbin University of Science and Technology); Zhang, Yu-Jun; Wang, Xuan

Source: *Cailiao Kexue yu Gongyi/Material Science and Technology*, v 13, n 3, June, 2005, p 239-242

Database: Compendex

Sch Elect & Elect Engn (电气与电子工程学院) 8 篇

1.Title: The UHF method for measurement of partial discharge and interference suppression

Author: Chen, Qingguo (School of Electrical and Electronic Engineering, Harbin University of Science and Technology); Wang, Yonghong; Wei, Xinlao

Source: *Proceedings of the International Symposium on Electrical Insulating Materials*, v 3, *Proceedings of 2005 International Symposium on Electrical Insulating Materials, ISEIM 2005*, 2005, p 829-832

Database: Compendex

2.Title: Investigation on microstructure and dielectric properties of polyethylene/montmorillonite nano-composites

Author: Zhang, Xiaohong (Institute of Electrical and Electronic Engineering, Harbin University of Science and Technology); Zhang, Mingyan; Gao, Junguo; Hu, Chunxiu

Source: *Proceedings of the International Symposium on Electrical Insulating Materials*, v 1, *Proceedings of 2005 International Symposium on Electrical Insulating Materials, ISEIM 2005*, 2005, p 235-238

Database: Compendex

3.Title: The conduction current characteristics of both original and corona-resistant polyimide films

Author: Zhang, Peihong (College of Electrical and Electronic Engineering, Harbin University of Science and Technology); Li, Gang; Gai, Lingyun; Lei, Qingquan

Source: *Proceedings of the International Symposium on Electrical Insulating Materials*, v 2, *Proceedings of 2005 International Symposium on Electrical Insulating Materials, ISEIM 2005*, 2005, p 301-303

Database: Compendex

Database: Compendex

4.Title: Finite element analysis of the variable frequency motor in sinusoidal transient field

Author: Cao, Jun-Ci (College of Electrical and Electron Engineering, Harbin University of Science and Technology); Li, Wei-Li

Source: *Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology*, v 37, n 5, May, 2005, p 705-708

Database: Compendex

5.Title: Microscopic characteristic and signal analysis of aging defects in epoxy/mica insulation bar under different stresses

Author: Zhang, Xiaohong (Institute of Electrical and Electronic Engineering, Harbin University of Science and Technology); Hu, Chunxiu; Gao, Junguo; Hu, Qingjuan

Source: *Proceedings of the International Symposium on Electrical Insulating Materials*, v 3,

Proceedings of 2005 International Symposium on Electrical Insulating Materials, ISEIM 2005, 2005, p 710-713

Database: Compendex

6.Title: Effect of DC voltage on dielectric properties of low-voltage cable with XLPE insulation

Author: Zhang, Xiaohong (Institute of Electrical and Electronic Engineering, Harbin University of Science and Technology); Hu, Qingjuan; Gao, Junguo; Liu, Yong

Source: *Proceedings of the International Symposium on Electrical Insulating Materials*, v 3, *Proceedings of 2005 International Symposium on Electrical Insulating Materials, ISEIM 2005*, 2005, p 624-627

Database: Compendex

7.Title: The effect of organical montmorillonite (O-MMT) on Electrorheological properties of PMMA/SrTiO₃ composite particles

Author: Zhao, Hong (School of Electric and Electronics Engineering, Harbin University of Science and Technology); Zhang, Wenlong; Gu, Aifei; Wang, Xuan

Source: *Proceedings of the International Symposium on Electrical Insulating Materials*, v 3, *Proceedings of 2005 International Symposium on Electrical Insulating Materials, ISEIM 2005*, 2005, p 726-728

Database: Compendex

8.Title: Measurement of power frequency AC current using FBG and GMM

Author: Zhao, Hong (School of Electric and Electronics Engineering, Harbin University of Science and Technology); Xiong, Yanling; Zhang, Jian; Wang, Shurong

Source: *Proceedings of the International Symposium on Electrical Insulating Materials*, v 3, *Proceedings of 2005 International Symposium on Electrical Insulating Materials, ISEIM 2005*, 2005, p 741-743

Database: Compendex

Sch Mech & Power Engn (机械动力工程学院) 8 篇

1.Title: Shape of cutting chip monitoring system based on Lab VIEW

Author: Zhao, Yanling (Mechanical and Power Engineering College, Harbin University of Science and Technology); Wang, Peng; Zhang, Guoliang; Liu, Xianli

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5637, *Electronic Imaging and Multimedia Technology IV*, 2005, p 518-523

Database: Compendex

2. Title: Dynamic characteristics simulation for spacecraft docking five-freedom test table

Author: Lai, Yi-Nan (Mechanical and Power College, Harbin University of Science and Technology); Zhao, Yang; Tian, Hao

Source: *Xitong Fangzhen Xuebao / Journal of System Simulation*, v 17, n 11, November, 2005, p 2573-2576

Database: Compendex

3.Title: Aluminum ion beam surface modification of elastic metallic-plastic pads for improving tribological properties

Author: Shao, Jun-Peng (Department of Mechanical Engineering, Harbin University of Science and Technology); Jia, Hui-Juan; Tang, Hui

Source: *Transactions of Nonferrous Metals Society of China (English Edition)*, v 15, n 3, June, 2005, p 524-528

Database: Compendex

4.Title: Reconstruction technique of 3D complex groove of milling insert based on genetic algorithms

Author: Li, Guanghui (Mechanical and Power Engineering College, Harbin University of Science and Technology); Liu, Guangjun; Tan, Guangyu; Li, Zhenjia; Rong, Yiming

Source: *Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering*, v 41, n 6, June, 2005, p 113-117+122

Database: Compendex

5.Title: Study on soldering single-crystal diamond abrasive with Ag-Cu-Ti solder

Author: Guan, Yancong (Mechanical Engineering Department, Harbin University of Science and Technology); Chen, Yuquan; Yao, Deming

Source: *Jingangshi yu Moliao Moju Gongcheng/Diamond and Abrasives Engineering*, n 3, June, 2005, p 23-25

Database: Compendex

6.Title: Spacecraft docking rotating simulator based on virtual prototype

Author: Lai, Yi-Nan (Mech. and Power Coll., Harbin Univ. of Sci. and Technol.); Zhang, Guang-Yu; Chen, Zhi-Gang

Source: *Xitong Fangzhen Xuebao / Journal of System Simulation*, v 17, n 3, March, 2005, p 639-641+649

Database: Compendex

7.Title: Analyses of the fatigue crack propagation process and stress ratio effects using the two parameter method

Author: Zhang, J. (School of Mechanical and Power Engineering, Harbin University of Science and Technology); He, X.D.; Du, S.Y.

Source: *International Journal of Fatigue*, v 27, n 10-12, October/December, 2005, *Fatigue Damage of Structural Materials V*, p 1314-1318

Database: Compendex

8.Title: Numerical simulation of the one-dimensional steady-state temperature field of a radiation channel

Author: Han, Jia-De (Institute of Mechanical and Power Engineering, Harbin University of Science and Technology); Lu, Yi-Ping; Zhang, Pei-Ting

Source: *Reneng Dongli Gongcheng/Journal of Engineering for Thermal Energy and Power*, v 20, n 4, July, 2005, p 394-396

Database: Compendex

Sch Appl sci (应用科学学院) 6 篇

1.Title: Simulation and analysis of effects of Young's modulus of isolation material on natural frequencies of the sensor package and displacement of the chip

Author: Yin, Jing-Hua (Dept. of Electronic Science and Technology, Harbin University of Science and Technology); Lu, Guang-Jun; Liu, Xiao-Wei; Lei, Qing-Quan

Source: *Journal of Harbin Institute of Technology (New Series)*, v 12, n 3, June, 2005, p 295-299

Database: Compendex

2.Title: Delay-dependent robust stability for Lurie control systems with multiple time-delays

Author: Chen, Dong-Yan (Department of Information and Computation Science, Harbin University of Science and Technology); Liu, Wei-Hua

Source: *Kongzhi Lilun Yu Yinyong/Control Theory and Applications*, v 22, n 3, June, 2005, p 499-502

Database: Compendex

3.Title: Effect of Pt film thickness on PtSi formation and film surface morphology

Author: Yin, Jinghua (School of Applied Sciences, Harbin University of Science and Technology); Cai, Wei; Zheng, Yufeng; Zhao, Liancheng

Source: *Surface and Coatings Technology*, v 198, n 1-3 SPEC. ISS., Aug 1, 2005, p 329-334

Database: Compendex

4.Title: The temperature effect on non-degenerating four-wave mixing in Mn:Fe:LiNbO₃ crystals

Author: Wang, Yijie (Applied Science College, Harbin University of Science and Technology); Zheng, Wei; Xu, Yuheng

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5629, *Lasers in Material Processing and Manufacturing II*, 2005, p 377-380

Database: Compendex

5.Title: Modal analyses of the acoustic-vibration sensors shock isolating packaging models

Author: Yin, Jing-Hua (Dept. of Electronic Science and Technology, Harbin University of Science and Technology); Lu, Guang-Jun; Du, Bing; Ren, Feng; Liu, Xiao-Wei; Lei, Qing-Quan

Source: *Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology*, v 37, n 7, July, 2005, p 983-985

Database: Compendex

6.Title: Preparation technique of high-standard non-rigid graphite composite enhancing sealing material

Author: Zhen, Jie (School of Applied Science, Harbin University of Science and Technology); Gao, Shan; Zhang, Xiao-Hong; Gao, Qing-Shan

Source: *Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology*, v 37, n 7, July, 2005, p 1011-1013

Database: Compendex

Sch Meas and Commun (测控技术与通讯工程学院) 6 篇

1.Title: The research of measuring method about color difference of tiles

Author: Yang, Ling (College of Measure-control Technology and Communication Engineering, Harbin University of Science and Technology); Yuan, Huijuan; Zhou, Zhen; Cai, Qiang; Wang, Li

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5633, *Advanced Materials and Devices for Sensing and Imaging II*, 2005, p 514-519

Database: Compendex

2.Title: Development of direct orthogonalization method in NIR spectral analysis

Author: Wang, LiJie (College of Measure-control Technology and Communication Engineering, Harbin University of Science and Technology); Guo, JianYing; Xu, KeXin

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5640, *Infrared Components and their Applications*, 2005, p 481-488

Database: Compendex

3.Title: Factors affecting the accuracy of a NIR spectral system for measuring milk constituents

Author: Wang, LiJie (College of Measure-control Technology and Communication Engineering, Harbin University of Science and Technology); Guo, JianYing; Xu, KeXin

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5640, *Infrared Components and their Applications*, 2005, p 657-662

Database: Compendex

4.Title: Study on linearization of phenylalanine ammonia-lyase biosensor

Author: Zhou, Zhen (College of Measure-control Technology and Communication Engineering, Harbin University of Science and Technology); He, Chang-Shui

Source: *Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology*, v 37, n 8, August, 2005, p 1085-1086+1112

Database: Compendex

5.Title: Development of detection technology based on chaos theory

Author: Zhang, Jian (Coll. of Measure-Control Technol. and Commun. Eng., Harbin University Science of Technology); Wang, Zhu-Ping; Lu, Ning; Yu, Xiao-Yang; Chen, De-Yun

Source: *Dianzi Qijian/Journal of Electron Devices*, v 28, n 2, June, 2005, p 307-311

Database: Compendex

6. Title: The application of clonal selection algorithm for multiuser detection in DS-CDMA system

Author: Zhang, Rui (Sch. Msrmt.-Contr. Technol./C.E., Harbin Univ. of Sci. and Technology); Zhang, Li-Yong; Gao, Hui

Source: *Journal of Test and Measurement Technology*, v 19, n 1, 2005, p 86-90

Database: Compendex

Coll Chem & Environm Engn (化学与环境工程学院) 4 篇

1.Title: Study on the production process of high-content of fructooligosaccharides

Author: Sun, Xiao-Jun (School of Chemistry and Environment Engineering, Harbin University of Science and Technology); Shao, Xiao-Ling; Zhang, Yu-Shuang; Xue, Bin-Tai; Wei, Jin-Zhi; Zhang, Yan

Source: *Cailiao Kexue yu Gongyi/Material Science and Technology*, v 13, n 3, June, 2005, p 305-307+311

Database: Compendex

2.Title: Study on growth and photorefractive properties of Ce:Cu:KLN crystal

Author: Liu, Bo (School of Chemistry and Environment Engineering, Harbin University of Science and Technology); Bi, Jiancong; Zheng, Wei

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5643, *Advances in Optical Data Storage Technology*, 2005, p 408-414

Database: Compendex

3.Title: Growth and photodamage resistance performances of Mg:Er:LiNbO₃ crystals

Author: Liu, Bo (Sch. of Chem. and Environ. Eng., Harbin Univ. of Sci. and Technol.); Bi, Jiancong; Xu, Yuheng

Source: *Kuei Suan Jen Hsueh Pao/ Journal of the Chinese Ceramic Society*, v 33, n 3, March, 2005, p 354-357

Database: Compendex

4.Title: Study on photodamage of Mg:Er:LiNbO₃ waveguide substrate

Author: Bi, Jiancong (School of Chemistry and Environment Engineering, Harbin University of

Science and Technology); Liu, Bo; Zheng, Wei

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5636, n PART 1, *Holography, Diffractive Optics, and Applications II*, 2005, p 400-404

Database: Compendex

Coll Econ & Management(经济与管理学院)3 篇

1.Title: Study on the knowledge management of strategic alliances in high technology enterprises

Author: Tang, Yu (School of Economics and Management, Harbin University of Science and Technology); Wang, Hong-Qi; Wang, Shan-Shan

Source: *Journal of Harbin Institute of Technology (New Series)*, v 12, n 4, August, 2005, p 388-392

Database: Compendex

2.Title: Measurement and evaluation of regional technological innovation in small and medium enterprises based on fuzzy integral

Author: Bi, Ke-Xin (Coll. of Economic Mgmt., Harbin Univ. of Sci. and Technol.); Sun, Jin-Hua; Zhang, Tie-Zhu; Feng, Ying-Jun

Source: *Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice*, v 25, n 2, February, 2005, p 40-46+61

Database: Compendex

3.Title: Multi-commodity flow supply chain network equilibrium model

Author: Zhang, Tie-Zhu (Economic and Management School, Harbin University of Science and Technology); Liu, Zhi-Yong; Teng, Chun-Xian; Hu, Yun-Quan

Source: *Xitong Gongcheng Lilun yu Shijian/System Engineering Theory and Practice*, v 25, n 7, July, 2005, p 61-66

Database: Compendex

School of Computer and Control(计算机与控制学院) 2 篇

1.Title: Generation of α -acyclic decomposition meeting P_{BC} when F has weak conflicts

Author: Hao, Zhongxiao (School of Computer and Control, Harbin University of Science and Technology); Wan, Jing; He, Yunbin

Source: *Jisuanji Gongcheng/Computer Engineering*, v 31, n 8, Apr 20, 2005, p 61-62+125

Database: Compendex

2.Title: Research on decomposition problem of temporal elementary key normal form and temporal simple normal form in temporal database with multiple time granularities

Author: Hao, Zhongxiao (College of Computer and Control, Harbin University of Science and Technology); Li, Yanjuan

Source: *Jisuanji Yanjiu yu Fazhan/Computer Research and Development*, v 42, n 9, September, 2005, p 1485-1492

Database: Compendex

未标明学院 (具体单位) 24 篇

1.Title: Application of modified simplex algorithm to thermal aging of polymeric insulation material

Author: Han, Baozhong (Harbin University of Science and Technology); Li, Changming

Source: *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 20, n 6, June, 2005, p 77-81+61

Database: Compendex

2.Title: New method to measure the total amount of bacteria in raw milk

Author: Zhou, Zhen (Harbin University of Science and Technology); Zhao, Zhigang; Wu, Juan; Cai, Qiang

Source: *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*, v 5630 I, *Optics in Health Care and Biomedical Optics: Diagnostics and Treatment II*, 2005, p 447-451

Database: Compendex

3.Title: Research on common-mode voltage generated by a PWM inverter and its cancellation technology

Author: Jiang, Yan-Shu (Harbin University of Science and Technology); Liu, Yu; Xu, Dian-Guo; Zhao,

Hong

Source: *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 25, n 9, May 1, 2005, p 47-53

Database: Compendex

4.Title: Research on obtaining range image based on structured light and stripe encoding

Author: Fan, Jianying (Harbin University of Science and Technology (South District)); Wang, Yang; Yu, Xiaoyang; Wei, Xiuning; Wang, Fugang

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5637, *Electronic Imaging and Multimedia Technology IV*, 2005, p 524-531

Database: Compendex

5.Title: Methods of recognizing chips' shape based on neural net

Author: Liu, Xianli (Harbin University of Science and Technology); Yuan, Qiaoling; Zhang, Liguoguo; Yan, Fugang

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5637, *Electronic Imaging and Multimedia Technology IV*, 2005, p 547-551

Database: Compendex

6.Title: Design of die casting die for air-conditioner swaying tray of automobile in squeezing casting

Author: Hu, Maoliang (Harbin Univ. of Sci. and Technol.); Zhao, Mi; Ji, Zesheng; Pu, Yongji; Sun, Guangbin

Source: *Tezhong Zhuzao Ji Youse Hejin/Special Casting and Nonferrous Alloys*, v 25, n 3, March, 2005, p 155-157

Database: Compendex

7.Title: Analysis and comparison on method of plotting sensor sensitivity field for electrical capacitance tomography system

Author: Chen, De-Yun (Harbin University of Science and Technology); Zheng, Gui-Bin; Yu, Xiao-Yang; Sun, Li-Juan

Source: *Yuhang Xuebao/Journal of Astronautics*, v 26, n 3, May, 2005, p 368-372

Database: Compendex

8.Title: Novel method of plotting sensor sensitivity field and image reconstruction algorithm for electrical capacitance tomography system

Author: Chen, Deyun (Harbin Univ. of Sci. and Technol.); Yang, Congjing; Zheng, Guibin; Yu, Xiaoyang; Sun, Liqun

Source: *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 26, n 3, March, 2005, p 229-234

Database: Compendex

9. Title:The principle of 3D measurement on structure light and color-encoded method

Author: Yuan, Huijuan (Harbin University of Science and Technology, Box 328); Yu, Xiaoyang; Guo, Jianying; Zhou, Baoguo; Zou, Chunhong

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5634, n PART 2, *Advanced Sensor Systems and Applications II*, 2005, p 790-795

Database: Compendex

10. Title: Knowledge base system visualization reasoning model based on ICON

Author: Chen, Deyun (Harbin University of Science and Technology); Pei, Shujun; Quan, Zhiying

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5812, *Data Mining, Intrusion Detection, Information Assurance, and Data Networks Security 2005*, 2005, p 352-355

Database: Compendex

11. Title: Distributed intrusion detection system based on ARTIS

Author: Qiao, Peili (Harbin University of Science and Technology); Su, Jie; Sun, Chengwei

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5812, *Data Mining, Intrusion Detection, Information Assurance, and Data Networks Security 2005*, 2005, p 356-363

Database: Compendex

12.Title: Studying the operation characteristics and structure of vertical channel copper-phthalocyanine organic semiconductor transistor

Author: Zhu, Min (Harbin University of Science and Technology); Song, Ming-Xin; Gui, Tai-Long; Wang, Xuan; Yin, Jing-Hua; Wang, Dong-Xing; Zhao, Hong

Source: *Journal of Harbin Institute of Technology (New Series)*, v 12, n 4, August, 2005, p 378-382

Database: Compendex

13.Title: Mathematic modeling the relationship of bacteria number in a diary product and the color difference measured by a CCD image sensor

Author: Zhou, Zhen (Harbin University of Science and Technology); Zhao, Zhigang; Chen, Dongkui; Liu, Yuping

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5633, *Advanced Materials and Devices for Sensing and Imaging II*, 2005, p 486-491

Database: Compendex

14.Title: The 3D measurement system on color-encoded and its simulation

Author: Yuan, Huijuan (Harbin University of Science and Technology, Box 328); Zhou, Baoguo; Zou, Chunhong; Guo, Jianying; Yu, Xiaoyang

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5633, *Advanced Materials and Devices for Sensing and Imaging II*, 2005, p 497-506

Database: Compendex

15.Title: Calibration of structured light-based vision sensor with four groups of laser device and camera

Author: Yu, Xiaoyang (Harbin University of Science and Technology); Dai, Qiang; Fan, Jianying; Wang, Yang

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5633, *Advanced Materials and Devices for Sensing and Imaging II*, 2005, p 543-548

Database: Compendex

16.Title: Quality measurement of cutting and grinding surfaces based on image

Author: Liu, Xianli (Harbin University of Science and Technology); Wang, Yujing; Li, Yufu; Yan, Fugang; Zhao, Yanling

Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 5632, *Light-Emitting Diode Materials and Devices*, 2005, p 139-146

Database: Compendex

17.Title: Research on common-mode voltage reduction in multi-level inverter

Author: Jiang, Yan-Shu (Harbin Univ. of Sci. and Technol.); Xu, Dian-Guo; Zhao, Hong; Liu, Yu

Source: *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 25, n 3, Feb 1, 2005, p 18-22

Database: Compendex

18.Title: Transient and subtransient parameters of a salient-pole synchronous machine with asymmetrical damper windings

Author: Ge, Bao-Jun (Harbin Univ. of Sci. and Technol.); Yu, Yong-Yuan; Liang, Yan-Ping; Li, Fa-Hai

Source: *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 25, n 3, Feb 1, 2005, p 78-83

Database: Compendex

19.Title: Powerformer and its recent development

Author: Ge, Baojun (Harbin Univ. of Sci. and Technol.); Zhang, Dakui; Liang, Yanping

Source: *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 20, n 1, January, 2005, p 26-30

Database: Compendex

20.Title: Study on the temperature rising of stainless steel electrode coating based on uniform design method

Author: Meng, Gong-Ge (Harbin University of Science and Technology); Lu, Yun-Long; Zhao, Mi; Gu, Feng

Source: *Hanjie Xuebao/Transactions of the China Welding Institution*, v 26, n 8, August, 2005, p 19-22

Database: Compendex

21.Title: Effects of heat treatment and pre-deformation on spheroidization of AZ31B magnesium alloy in semi-solid state

Author: Ji, Zesheng (Harbin University of Science and Technology, School of Materials Science and Engineering); Sugiyama, Sumio; Yanagimoto, Jun

Source: *Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals*, v 69, n 5, May, 2005, p 452-456

Database: Compendex

22.Title: Interfacial reaction between lead-free solder and Cu pad

Author: Wang, Li-Feng (Harbin University of Science and Technology); Sun, Feng-Lian; Liang, Ying; Jiang, Zhi-Zhong

Source: *Hanjie Xuebao/Transactions of the China Welding Institution*, v 26, n 6, June, 2005, p 9-12

Database: Compendex

23. Title: Development of solder for diamond abrasive grain and its soldering-brazing process

Author: Guan, Yancong (Harbin University of Science and Technology); Chen, Yuquan; Yao, Deming

Source: *Nongye Jixie Xuebao/Transactions of the Chinese Society of Agricultural Machinery*, v 36, n 7, July, 2005, p 140-143

Database: Compendex

24. A method for composing cardinal direction relations

Author: Liu, Yong-Shan (Harbin University of Science and Technology); Hao, Zhong-Xiao

Source: *2005 International Conference on Machine Learning and Cybernetics, ICMLC 2005, 2005 International Conference on Machine Learning and Cybernetics, ICMLC 2005*, 2005, p 2108-2112

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