

# 2008年EI Compendex 收录我校教师论文情况统计表

## 1 . Research on the implementation mechanism of synergetic management pattern system for manufacturing firms

[Song, Jia-Sheng](#) (School of Economy and Management, Harbin University of Science and Technology); [Lu, Chen](#)

**Source:** *2008 International Conference on Management Science and Engineering 15th Annual Conference Proceedings, ICMSE, 2008 International Conference on Management Science and Engineering 15th Annual Conference Proceedings, ICMSE, 2008*, p 468-473

**Database:** Compendex

## 2 . A novel obstacle avoidance method for low-cost household mobile robot

[You, Bo](#) (College of Automation, Harbin University of Science and Technology); [Qiu, Jiangyan](#); [Li, Dongjie](#)

**Source:** *Proceedings of the IEEE International Conference on Automation and Logistics, ICAL 2008, Proceedings of the IEEE International Conference on Automation and Logistics, ICAL 2008, 2008*, p 111-116

**Database:** Compendex

## 3. New method for rapid detection of surface tension of liquid alloy and its application in foundry engineering

[Li, Dayong](#) (Materials Science and Engineering School, Harbin University of Science and Technology); [Shi, Dequan](#); [Zhang, Yutong](#); [Wang, Lihua](#)

**Source:** *Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering*, v 44, n 10, October, 2008, p 250-254 **Language:** Chinese

**Database:** Compendex

## 4. Indexing structure for moving object databases based on R-tree

[HE, Yun-bin](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [HAO, Zhong-xiao](#)

**Source:** *Journal of China Universities of Posts and Telecommunications*, v 15, n SUPPL., September, 2008, p 64-67,78

**Database:** Compendex

## 5. The dynamic pricing model with time-space network based on uncertain demands

[Zhang, Tiezhu](#) (Economic and Management Department Systems Science, Harbin University of Science and Technology); [Li, Longying](#)

**Source:** *Chinese Control and Decision Conference, 2008, CCDC 2008, Chinese Control and Decision Conference, 2008, CCDC 2008, 2008*, p 1956-1959

**Database:** Compendex

## 6. Development of powerformer prototype

[Ge, Bao-Jun](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Wang, Xiao-Wen](#); [Tao, Da-Jun](#); [Xia, Yuan-Guang](#); [Zhang, Zhi-Qiang](#)

**Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 4, July, 2008, p 370-373+379

**Language:** Chinese

**Database:** Compendex

## 7. Research on photorefractive properties of Fe:LN crystal doping with Cu

[Liu, Bo](#) (School of Chemistry and Environment Engineering, Harbin University of Science and Technology); [Liu, Zhen-Hong](#); [Bi, Jian-Cong](#); [Xu, Yu-Heng](#)

**Source:** *Yadian Yu Shengguang/Piezoelectrics and Acoustooptics*, v 30, n 3, June, 2008, p 340-342

**Language:** Chinese

**Database:** Compendex

## 8. XLPE insulation compound purity evaluation based on contaminant particle mapping technology

[Zhao, Hong](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Liu, Yan](#); [Li, Changli](#); [Yu, Xiaoyu](#)

**Source:** *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 29, n 5, May, 2008, p 1035-1039

**Language:** Chinese

**Database:** Compendex

## 9. Fragile image watermarking algorithm based on Hash functions

[Lin, Ke-Zheng](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Li, Dong-Qin](#); [Li, Shao-Hua](#)

**Source:** *Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University*, v 29, n 1, January, 2008, p 61-64 **Language:** Chinese

**Database:** Compendex

## 10. The molding study of polyimide polishing film

[Xiaocun, Xu](#) (Key Laboratory of Advanced Manufacturing Tech and Cutting Tools, Harbin University of Science and Technology); [Zhejun, Yuan](#)

**Source:** *Key Engineering Materials*, v 375-376, 2008, p 288-292

**Database:** Compendex

## 11. Study on impact disrepair mathematic model and groove optimization of cutting tools for machining carbon structural steel

[Cheng, Yaonan](#) (School of Mechanical Engineering, Harbin University of Science and Technology); [Li, Zhenjia](#); [Zhao, Yonggang](#); [Sun, Weijun](#)

**Source:** *Key Engineering Materials*, v 375-376, 2008, p 459-464

**Database:** Compendex

## 12. Holographic image thermal-fixing of Hf:Fe:LiNbO<sub>3</sub> crystal and its storage lifetime

[Liu, Bo](#) (School of Chemistry and Environment Engineering, Harbin University of Science and Technology); [Li, Chunliang](#); [Bi, Jiancong](#); [Xu, Yuheng](#)

**Source:** *Kuei Suan Jen Hsueh Pao/ Journal of the Chinese Ceramic Society*, v 36, n 2, February, 2008, p 166-170 **Language:** Chinese

**Database:** Compendex

## 13. Optimization controlling algorithm of shortening idle time for the dynamic assembly scheduling

[Xie, Zhi-Qiang](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Hao, Shu-Zhen](#); [Cong, Jing](#); [Tan, Guang-Yu](#)

**Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 1, January, 2008, p 69-73 **Language:** Chinese

**Database:** Compendex

## 14. Optimize parameters of floating polishing with tri-polishing- disk

[Xu, Xiaocun](#) (Harbin University of Science and Technology); [Yuan, Zhejun](#); [Lin, Bing](#)

**Source:** *Key Engineering Materials*, v 359-360, 2008, p 305-308

**Database:** Compendex

## 15. Detection of grinding surface's quality based on image technique

[Liu, Xianli](#) (Key College Laboratory of Advanced Manufacturing Technology and Cutting Tools, Harbin Univ. of Sci. and Tech.); [Wu, Chunya](#); [Liu, Yizhi](#); [Yan, Fugang](#); [Li, Yufu](#); [Wang, Peng](#)

**Source:** *Key Engineering Materials*, v 359-360, 2008, p 499-503

**Database:** Compendex

## 16. An improved clone selection immune algorithm

[Qiao, Peili](#) (Harbin University of Science and Technology); [Wang, Tong](#); [Su, Jie](#)

**Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 6973, *Data Mining, Intrusion Detection, Information Assurance, and Data Networks Security 2008*, 2008, p 697300

**Database:** Compendex

## 17. Analyses and simulation of sensor structure parameters for electrical capacitance tomography system

[Chen, Deyun](#) (Harbin University of Science and Technology); [Wang, Lili](#); [Chen, Yu](#)

**Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 6621, *International Symposium on Photoelectronic Detection and Imaging 2007: Photoelectronic Imaging and Detection*, 2008, p 662107

**Database:** Compendex

## 18. The beat-wave signal regression based on least squares reproducing kernel support vector machine

[Deng, Cai-Xia](#) (Applied Science College, Harbin University of Science and Technology); [Xu, Li-Xiang](#); [Fu, Zuo-Xian](#)

**Source:** *Proceedings of the 7th International Conference on Machine Learning and Cybernetics, ICMLC*, v 7, *Proceedings of the 7th International Conference on Machine Learning and Cybernetics, ICMLC*, 2008, p 3641-3645

**Database:** Compendex

### 19. Effects of addition method of hydrogen producing bacteria on the bioaugmentation of fermentative micorflora

[Qin, Zhi](#) (School of chemical and Environmental Engineering, Harbin University of Science and Technology); [Ren, Nanqi](#); [Li, Jianzheng](#)

**Source:** *Taiyangneng Xuebao/Acta Energiae Solaris Sinica*, v 29, n 7, July, 2008, p 883-887 **Language:** Chinese

**Database:** Compendex

### 20. Effects of Ni addition on microstructure and the shear strength of Sn-3.0Ag-0.5Cu/Cu solders joints

[Wang, Lifeng](#) (Harbin University of Science and Technology, 317# Material College in HUST); [Shen, Xuwei](#); [Sun, Fenglian](#); [Liu, Yang](#)

**Source:** *Proceedings, 2008 International Conference on Electronic Packaging Technology and High Density Packaging, ICEPT-HDP 2008, Proceedings, 2008 International Conference on Electronic Packaging Technology and High Density Packaging, ICEPT-HDP 2008*, 2008, p 4607099

**Database:** Compendex

### 21. A prediction method based on grey system theory in equipment condition based maintenance

[Shengyuan, Yan](#) (Instrument Science and Technology Postdoctoral Workstation, Harbin University of Science and Technology); [Zhijian, Zhang](#); [Minjun, Peng](#); [Ming, Yang](#); [Hongguo, Zhang](#)

**Source:** *Societe Francaise d'Energie Nucleaire - International Congress on Advances in Nuclear Power Plants - ICAPP 2007, "The Nuclear Renaissance at Work"*, v 2, *Societe Francaise d'Energie Nucleaire - International Congress on Advances in Nuclear Power Plants - ICAPP 2007, "The Nuclear Renaissance at Work"*, 2008, p 877-884

**Database:** Compendex

### 22. daptive fuzzy $H_{\infty}$ stabilization for a class of nonlinear time-delay systems

[Li, Shanqiang](#) (Department of Mathematics, Harbin University of Science and Technology); [Chen, Dongyan](#)

**Source:** *Proceedings of the World Congress on Intelligent Control and Automation (WCICA), Proceedings of the 7th World Congress on Intelligent Control and Automation, WCICA'08*, 2008, p 3368-3373

**Database:** Compendex

### 23. Surface water vaporization model of air source heat pump defrosting based on experimental parameters

[Li, Jiu-Ru](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology); [Han, Zhi-Tao](#); [Yao, Yang](#); [Jiang, Yi-Qiang](#); [Ma, Zui-Liang](#) **Source:** *Shanghai Jiaotong Daxue Xuebao/Journal of Shanghai Jiaotong University*, v 42, n 6, June, 2008, p 989-992 **Language:** Chinese

**Database:** Compendex

### 24. Analysis and simulation of sensor structure parameters and filling materials characteristics for electrical capacitance tomography system

[Chen, Deyun](#) (Harbin University of Science and Technology); [Wang, Lili](#); [Chen, Yu](#) **Source:** *Materials Science Forum*, v 575-578 PART 2, *Physical and Numerical Simulation of Materials Processing - Selected, peer reviewed papers from the 5th International Conference on Physical and Numerical Simulation of Materials Processing, ICPNS'07*, 2008, p 1217-1221

**Database:** Compendex

### 25. A design plan of bionic mmove-in-mud robot and its virtual prototype

[Ren, Fujun](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology); [Yan, Bingbing](#) **Source:** *Proceedings of the IEEE International Conference on Automation and Logistics, ICAL 2008, Proceedings of the IEEE International Conference on Automation and Logistics, ICAL 2008*, 2008, p 129-134

**Database:** Compendex

### 26. The design and research of remote terminal unit based on radio technology

[Man, Chuntao](#) (College of Automation, Harbin University of Science and Technology); [Wang, Zhenqi](#) **Source:** *Proceedings - 2008 4th International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IIH-MSP 2008, Proceedings - 2008 4th International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IIH-MSP 2008*, 2008, p 1201-1204

**Database:** Compendex

### 27. Design of household mobile robot system based on petri net

[You, Bo](#) (College of Automation, Harbin University of Science and Technology); [Li, Dongjie](#); [Qiu, Jiangyan](#) **Source:** *Chinese Control and Decision Conference, 2008, CCDC 2008, Chinese Control and Decision Conference, 2008, CCDC 2008*, 2008, p 2831-2836

**Database:** Compendex

[Full-text](#)

### 28. An improved clustering algorithm for minimum spanning trees in multidimensional data

[Xie, Zhi-Qiang](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Yu, Liang](#); [Yang, Jing](#) **Source:** *Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University*, v 29, n 8, August, 2008, p 851-857 **Language:** Chinese

**Database:** Compendex

### 29. Fiber FP sensing simulation for PD-induced acoustic emission

[Li, Min](#) (Key Laboratory of Engineering Dielectrics and Its Application of Ministry of Education, School of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Zhao, Hong](#); [Xu, Ming-Zhong](#) **Source:** *Gaodiyana Jishu/High Voltage Engineering*, v 34, n 5, May, 2008, p 1027-1031

**Language:** Chinese

**Database:** Compendex

### 30. Design of Petri net-based control system for dual-wheel-driving mobile robot

[You, Bo](#) (College of Automation, Harbin University of Science and Technology); [Li, Dongjie](#); [Qiu, Jiangyan](#) **Source:** *Proceedings of the World Congress on Intelligent Control and Automation (WCICA), Proceedings of the 7th World Congress on Intelligent Control and Automation, WCICA'08*, 2008, p 4831-4836

**Database:** Compendex

### 31. The estimation and existence conditions of the solution for the perturbed continuous time algebraic lyapunov equation

[Chen, Dong-Yan](#) (Department of Applied Mathematics, Harbin University of Science and Technology); [Bi, Hai-Yun](#) **Source:** *Proceedings of the World Congress on Intelligent Control and Automation (WCICA), Proceedings of the 7th World Congress on Intelligent Control and Automation, WCICA'08*, 2008, p 5520-5525

**Database:** Compendex

**Full-text**

### 32 Study of precision position tracking control and starting control of automatic clutch

[Xie, Xian-Ping](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Wang, Xu-Dong](#); [Yu, Teng-Wei](#); [Wu, Xiao-Gang](#) **Source:** *Zhongguo Gonglu Xuebao/China Journal of Highway and Transport*, v 21, n 4, July, 2008, p 117-121 **Language:** Chinese

**Database:** Compendex

### 33. Sensitization of Ce<sup>3+</sup> ions co-doped in zinc tungstate laser crystals doped with Nd<sup>3+</sup> or Eu<sup>3+</sup> ions

[Zhang, Qinhui](#) (School of Chemical and Environmental Engineering, Harbin University of Science and Technology); [Liu, Bo](#); [Xu, Yuheng](#) **Source:** *Zhongguo Jiguang/Chinese Journal of Lasers*, v 35, n 4, April, 2008, p 605-609 **Language:** Chinese

**Database:** Compendex

### 34. Effect of chip size on mechanical property and microstructure of AZ91D magnesium alloy prepared by solid state recycling

[Hu, Maoliang](#) (College of Materials Science and Engineering, Harbin University of Science and Technology); [Ji, Zesheng](#); [Chen, Xiaoyu](#); [Zhang, Zhenkao](#) **Source:** *Materials Characterization*, v 59, n 4, April, 2008, p 385-389

**Database:** Compendex

### **35. Analysis of complex electrical field on valve side winding of converter transformer**

[Chen, Qing-Guo](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Zhang, Jie](#); [Gao, Yuan](#); [Wei, Xin-Lao](#) Source: *Gaodiyanya Jishu/High Voltage Engineering*, v 34, n 3, March, 2008, p 484-488 Language: Chinese

**Database:** Compendex

### **36. Study of experiments on cutting difficult-to-machine materials with ultrafine-grained waved-edge milling insert**

[Wang, Zhigang](#) (Mechanical and Power Engineering, Harbin University of Science and Technology); [Li, Zhenjia](#); [Zhu, Denghui](#); [Zhu, Ruiming](#); [Li, Yinan](#) Source: *Key Engineering Materials*, v 375-376, 2008, p 177-181

**Database:** Compendex

### **37. Effect of chamfered PCBN tool edge geometries on hard turning process**

[Chen, Tao](#) (Laboratory of Advanced Manufacturing Technology and Cutting Tools, Harbin University of Science and Technology); [Yan, Fugang](#); [Wu, Chunya](#); [Pen, Hongmin](#); [Liu, Xianli](#) Source: *Key Engineering Materials*, v 375-376, 2008, p 187-191

**Database:** Compendex

### **38. Experimental research on orthogonal cutting and oblique cutting of hardened steel GCr15**

[Wang, Yu](#) (Laboratory of Advanced Manufacturing Technology and Cutting Tools, Harbin University of Science and Technology); [Wang, Peng](#); [Pen, Hongmin](#); [Li, Yufu](#); [Liu, Xianli](#) Source: *Key Engineering Materials*, v 375-376, 2008, p 192-196

**Database:** Compendex

### **39. Aggregation behavior of homo-PS/PS-b-P2VP blends at the air/water interface**

[Wen, Gangyao](#) (Department of Polymer Materials and Engineering, College of Materials Science and Engineering, Harbin University of Science and Technology); [Chung, Bonghoon](#); [Chang, Taihyun](#) Source: *Macromolecular Rapid Communications*, v 29, n 14, Jul 16, 2008, p 1248-1253

**Database:** Compendex

### **40. Fuzzy pattern recognition method for contour matching in object's 3D reconstruction**

[Chen, De-Yun](#) (Harbin University of Science and Technology); [He, Qi-Ming](#); [Chen, Yu](#); [Wang, Li-Li](#); [Zhang, Jian-Pei](#) Source: *Xitong Fangzhen Xuebao / Journal of System Simulation*, v 20, n 15, Aug 5, 2008, p 4078-4081+4095 Language: Chinese

**Database:** Compendex

### **41. Research on self-adaptive fuzzy control for keeping engine speed constant during vehicle starting**

[Xie, Xian-Ping](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Wang, Xu-Dong](#); [Wu, Xiao-Gang](#); [Yu, Teng-Wei](#) **Source:** *Xitong Fangzhen Xuebao / Journal of System Simulation*, v 20, n 16, Aug 20, 2008, p 4382-4386 **Language:** Chinese

**Database:** Compendex

#### **42. Development of a high-precision temperature measurement instrument based on quartz tuning-fork temperature sensor**

[Xu, J.](#) (College of Automation, Harbin University of Science and Technology); [You, B.](#); [Li, X.](#) **Source:** *Key Engineering Materials*, v 381-382, 2008, p 477-480

**Database:** Compendex

#### **43 Modeling of microstructure refinement in Ti-6Al-4V alloy by hydrogen treatment**

[Guo, Erjun](#) (School of Materials Science and Engineering, Harbin University of Science and Technology); [Liu, Dongrong](#); [Wang, Liping](#); [Kang, Fuwei](#) **Source:** *Materials Science and Engineering A*, v 472, n 1-2, Jan 15, 2008, p 281-292

**Database:** Compendex

#### **44. Study on trap states in photorefractive polymer of polyvinylcarbazole**

[Wang, Xuan](#) (Applied Science College, Harbin University of Science and Technology); [He, Lijuan](#); [Zhang, Wenlong](#); [Lei, Qingquan](#) **Source:** *Zhongguo Jiguang/Chinese Journal of Lasers*, v 35, n 1, January, 2008, p 111-114 **Language:** Chinese

**Database:** Compendex

#### **45. Study on the technology of GaAs film adding edta electrodeposition**

[Cao, Yijiang](#) (College of Applied Science, Harbin University of Science and Technology); [Wang, Lei](#); [Yu, Xiang](#); [Han, Aizhen](#) **Source:** *Taiyangneng Xuebao/Acta Energiae Solaris Sinica*, v 29, n 4, April, 2008, p 395-399

**Language:** Chinese

**Database:** Compendex

#### **46. Characterization of inorganic nano-alundum composite film of polyimide**

[Zhou, Hao-Ran](#) (College of Materials Science and Engineering, Harbin University of Science and Technology); [Zhao, De-Ming](#); [Liu, Xin-Gang](#); [Lin, Fei](#); [Fan, Yong](#) **Source:** *Guang Pu Xue Yu Guang Pu Fen Xi/Spectroscopy and Spectral Analysis*, v 28, n 3, March, 2008, p 707-710 **Language:** Chinese

**Database:** Compendex

#### **47. A parameterless feature ranking algorithm based on MI**

[Huang, Jin-Jie](#) (Department of Automation, Harbin University of Science and Technology); [Cai, Yun-Ze](#); [Xu, Xiao-Ming](#) **Source:** *Neurocomputing*, v 71, n 7-9, March, 2008, p 1656-1668

**Database:** Compendex

#### **48. New method and device to fast measure surface tension of the melt and its applications in foundry**



[Shi, Dequan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology); [Li, Dayong](#); [Gao, Guili](#) **Source:** *Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science*, v 39, n 1, February, 2008, p 46-55

**Database:** Compendex

#### **49. Study on the function mechanism of enterprise culture in the enterprise organizational innovation**

[Chen, Chun-Ming](#) (School of Economics and Management, Harbin University of Science and Technology); [Jin, Da-Wei](#) **Source:** *Proceedings of 2007 International Conference on Management Science and Engineering, ICMSE'07 (14th), Proceedings of 2007 International Conference on Management Science and Engineering, ICMSE'07 (14th)*, 2008, p 897-902

**Database:** Compendex

#### **50. Effects of chamfered parameters on cutting processes in hard turning of hardened steel using PCBN cutting tools**

[Chen, Tao](#) (Harbin University of Science and Technology); [Liu, Xianli](#); [Luo, Guotao](#) **Source:** *Nongye Jixie Xuebao/Transactions of the Chinese Society of Agricultural Machinery*, v 39, n 11, November, 2008, p 169-171+175 **Language:** Chinese

**Database:** Compendex

#### **51. Aging effects on IMC formation and joint strength of Low-Ag SAC solder/UBM (Ni (P)-Au) for WLCSP**

[Sun, F.](#) (Department of Material Science and Engineering, Harbin University of Science and Technology); [Hochstenbach, P.](#); [Van Driel, W.D.](#); [Zhang, G.Q.](#) **Source:** *EuroSimE 2008 - International Conference on Thermal, Mechanical and Multi-Physics Simulation and Experiments in Microelectronics and Micro-Systems, EuroSimE 2008 - International Conference on Thermal, Mechanical and Multi-Physics Simulation and Experiments in Microelectronics and Micro-Systems*, 2008, p 4525059

**Database:** Compendex

#### **52. Zoom envelope method based on the real modulation and its application in the fault diagnosis**

[Shi, Xianjiang](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology); [Si, Junshan](#); [Shao, Junpeng](#) **Source:** *Proceedings of the World Congress on Intelligent Control and Automation (WCICA), Proceedings of the 7th World Congress on Intelligent Control and Automation, WCICA'08*, 2008, p 2757-2760 **Language:** Chinese

**Database:** Compendex

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#### **54. Structured light encoding stripe edge detection based on grey curve intersecting point**

[Wu, Haibin](#) (Harbin University of Science and Technology); [Yu, Xiaoyang](#); [Guan, Congrong](#) **Source:** *Guangxue Xuebao/Acta Optica Sinica*, v 28, n 6, June, 2008, p 1085-1090 **Language:** Chinese

**Database:** Compendex

### **55. Electric power load profile estimation applying kernel independent component analysis**

[Wei, Qi](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Wei, Xin-Lao](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 28, n 16, Jun 5, 2008, p 103-107 **Language:** Chinese

**Database:** Compendex

### **56. Feature selection for classificatory analysis based on information-theoretic criteria**

[Huang, Jin-Jie](#) (Department of Automation, Harbin University of Science and Technology); [Lu, Ning](#); [Li, Shuang-Quan](#); [Cai, Yun-Ze](#) **Source:** *Zidonghua Xuebao/Acta Automatica Sinica*, v 34, n 3, March, 2008, p 383-392

**Database:** Compendex

### **57. Thermal performance analysis of stator main insulation structure optimization for large synchronous generators**

[Ding, Shuye](#) (Harbin University of Science and Technology); [Li, Weili](#); [Ma, Xianhao](#) **Source:** *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 23, n 4, April, 2008, p 13-19+31 **Language:** Chinese

**Database:** Compendex

### **58. The study of supply chain network equilibrium model with contracts**

[Teng, Chunxian](#) (School of Economic Management, Harbin University of Science and Technology); [Hu, Yinxia](#) **Source:** *Second International Conference on Innovative Computing, Information and Control, ICICIC 2007, Second International Conference on Innovative Computing, Information and Control, ICICIC 2007*, 2008, p 4428052

**Database:** Compendex

### **59. Magnetic field parameter calculation of permanent magnet oscillating generator**

[Wen, Jia-Bin](#) (School of Electrical and Electronics Engineering, Harbin University of Science and Technology); [Zhang, Jin-Bao](#); [Wang, Ji-Tao](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 3, May, 2008, p 309-312 **Language:** Chinese

**Database:** Compendex

### **60. Simulation research on workshop control strategy in semiconductor wafer probe area**

[Tie-Zhu, Zhang](#) (Economic and Management School, Harbin University of Science and Technology); [Yue-Peng, Wang](#) **Source:** *Proceedings - ISECS International Colloquium on Computing, Communication, Control, and Management, CCCM 2008*, v 2, *Proceedings - ISECS International Colloquium on Computing, Communication, Control, and Management, CCCM 2008*, 2008, p 224-228

**Database:** Compendex

### **61. Calculation and analysis of temperature field for induction motors with broken bars fault**

[Xie, Ying](#) (Harbin University of Science and Technology); [Li, Weili](#); [Li, Shoufa](#) **Source:** *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 23, n 10, October, 2008, p 33-39+46 **Language:** Chinese

**Database:** Compendex

## **62. The single neuron PID controller for automotive electromagnetic clutch based on RBF NN recognition**

[Wu, Xiaogang](#) (Harbin University of Science and Technology); [Wang, Xudong](#); [Xie, Xianping](#); [Yu, Tengwei](#) **Source:** *Chinese Control and Decision Conference, 2008, CCDC 2008, Chinese Control and Decision Conference, 2008, CCDC 2008*, 2008, p 2983-2987

**Database:** Compendex

## **63. Reliable guaranteed cost control for uncertain affine nonlinear systems**

[Liu, Boyu](#) (Applied Science College, Harbin University of Science and Technology); [Chen, Dongyan](#) **Source:** *Proceedings of the 27th Chinese Control Conference, CCC, Proceedings of the 27th Chinese Control Conference, CCC, 2008*, p 698-701 **Language:** Chinese

**Database:** Compendex

## **64. LQR control for secondary-regulation hydrostatic transmission system via exact linearization**

[Yang, Xin](#) (Harbin University of Science and Technology); [Liu, Haichang](#) **Source:** *Proceedings of the World Congress on Intelligent Control and Automation (WCICA), Proceedings of the 7th World Congress on Intelligent Control and Automation, WCICA'08*, 2008, p 7997-8002

**Database:** Compendex

## **65. Preliminary design of plasma thruster used in ships**

[Wang, Xin-Zhang](#) (College of Electrical and Electronic Engineering, Harbin University of Science Technology); [Yang, Jia-Xiang](#); [Lan, Bo](#); [Xu, Zuo-Ming](#); [Gao, Ying](#) **Source:** *Gaodianya Jishu/High Voltage Engineering*, v 34, n 7, July, 2008, p 1416-1421 **Language:** Chinese

**Database:** Compendex

## **66. Study on chip breaking behavior of 3-D complex groove insert in machining carbon constructional steel at high cutting speeds**

[Zhang, Huiping](#) (Mechanical and Power Engineering, Harbin University of Science and Technology); [Li, Zhenjia](#); [Liu, Erliang](#); [Wei, Guoliang](#) **Source:** *Key Engineering Materials*, v 375-376, 2008, p 206-210

**Database:** Compendex

## **67. Study on dry WEDMed surface quality of mould steel**

[Wang, Tong](#) (Lab. of Advanced Manufacturing Technology and Cutting Tools (Key College Lab), Harbin University of Science and Technology); [Zhang, Xinfu](#); [Zhao, Xuefang](#) **Source:** *Key Engineering Materials*, v 375-376, 2008, p 416-420

**Database:** Compendex

### **68. Study on fuzzy control in power battery testing system**

[Li, Ge-Chen](#) (Automation Collage, Harbin University of Science and Technology); [Wang, Hai-Ying](#) **Source:** *2007 IEEE International Conference on Control and Automation, ICCA, 2007 IEEE International Conference on Control and Automation, ICCA, 2008*, p 1110-1112

**Database:** Compendex

### **69. Research on ecological risk assessment and management of high and new technology enterprises cluster**

[Wang, Hongqi](#) (School of Economics and Management, Harbin University of Science and Technology); [Wang, Shanshan](#) **Source:** *Proceedings of International Conference on Risk Management and Engineering Management, Proceedings of International Conference on Risk Management and Engineering Management, 2008*, p 257-262

**Database:** Compendex

### **70. Influence of Bi on the melting point and wettability of Sn-0.3Ag-0.7Cu lead-free solder**

[Sun, Fenglian](#) (School of Materials Science and Engineering, Harbin University of Science and Technology); [Hu, Wengang](#); [Wang, Lifeng](#); [Ma, Xin](#) **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 29, n 10, October, 2008, p 5-8 **Language:** Chinese

**Database:** Compendex

### **71. New device for fast measuring surface tension, density and viscosity of liquids**

[Shi, Deguan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology); [Gao, Guili](#); [Li, Dayong](#); [Dong, Jingwei](#); [Wang, Lihua](#) **Source:** *Fluid Phase Equilibria*, v 273, n 1-2, Nov 25, 2008, p 87-91

**Database:** Compendex

### **72. Simulation research on the stock control strategy of VMI combined revenue sharing**

[Zhu, Zhang Tie](#) (School of Economics and Management, Harbin University of Science and Technology); [Peng, Wang Yue](#) **Source:** *Proceedings - International Symposium on Information Processing, ISIP 2008 and International Pacific Workshop on Web Mining and Web-Based Application, WMWA 2008, Proceedings - International Symposium on Information Processing, ISIP 2008 and International Pacific Workshop on Web Mining and Web-Based Application, WMWA 2008, 2008*, p 657-661

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### **73. Software architecture for medical distributed manage systems**

[Liu, Changzheng](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Ye, Guiyun](#) **Source:** *Proceedings of the 2008 12th International Conference on Computer Supported Cooperative Work in Design, CSCWD, v 2, Proceedings of the 2008 12th International Conference on Computer Supported Cooperative Work in Design, CSCWD, 2008*, p 1080-1084

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#### **74. Electrode wire wear-down online detection and compensation in machining large thickness spatial curved surface parts by wire cut electronic discharge machining with high speed**

[Ren, Fujun](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology); [Jiang, Yongcheng](#) **Source:** *Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering*, v 44, n 6, June, 2008, p 237-242 **Language:** Chinese

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#### **75. Effect of hydraulic pressure loading paths on forming of automobile panels based on numerical simulation**

[Liu, Xiao-Jing](#) (College of Materials Science and Engineering, Harbin University of Science and Technology); [Yan, Wei](#); [Dai, Hong-Qing](#) **Source:** *Zhongnan Daxue Xuebao (Ziran Kexue Ban)/Journal of Central South University (Science and Technology)*, v 39, n 3, June, 2008, p 543-548 **Language:** Chinese

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#### **76. Numerical and experimental investigations of semi-solid AZ91D magnesium alloy in thixoforming process**

[Sheng, Ji Ze](#) (School of Material Science and Engineering, Harbin University of Science and Technology); [Hua, Yan Hong](#); [Ping, Zheng Xiao](#); [Sugiyama, S.O.](#); [Yanagimoto, J.](#) **Source:** *Journal of Materials Processing Technology*, v 202, n 1-3, Jun 20, 2008, p 412-418

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#### **77. Dynamic job-shop scheduling algorithm of the non-close-joining operations**

[Xie, Zhiqiang](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Mo, Tao](#); [Tan, Guangyu](#) **Source:** *Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering*, v 44, n 1, January, 2008, p 155-160 **Language:** Chinese

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#### **78. DC current-voltage characteristic of silicon carbide/low density polyethylene composites**

[Han, Baozhong](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Guo, Wenmin](#); [Li, Zhonghua](#) **Source:** *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 25, n 5, October, 2008, p 19-24 **Language:** Chinese

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[Abstract](#) - [Detailed](#)

#### **79. Automatic extraction of weld formation parameters by back CCD visual sensor**

[Zhang, Huajun](#) (Material Science and Engineering Institute, Harbin University of Science and Technology); [Cai, Chunbo](#); [Zhang, Guangjun](#); [Gao, Hongming](#) **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 29, n 9, September, 2008, p 101-104 **Language:** Chinese

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### **80. Exact linearization control for a nonlinear servo system**

[Xin, Yang](#) (College of Computer Science and Technology, Harbin University of Science and Technology)

**Source:** *Chinese Control and Decision Conference, 2008, CCDC 2008, Chinese Control and Decision Conference, 2008, CCDC 2008*, 2008, p 5139-5142

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### **81. Fracture morphology and mechanism of IMC in Low-Ag SAC Solder/UBM (Ni(P)-Au) for WLCSP**

[Sun, F.](#) (Department of Material Science and Engineering, Harbin University of Science and Technology);

[Hochstenbach, P.](#); [Van Driel, W.D.](#); [Zhang, G.Q.](#) **Source:** *Microelectronics Reliability*, v 48, n 8-9, August 2008/September, 2008, p 1167-1170

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### **82. Heuristic for flow shop scheduling problems**

[Qiao, Pei-Li](#) (School of Computer Science and Technology, Harbin University of Science and Technology);

[Zhang, Hong-Fang](#); [Li, Xiao-Ping](#); [Gao, Xiang](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 1, January, 2008, p 109-112 **Language:** Chinese

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### **83. Complete classification of the direction loci for three-wave collinear quadratic parametric interactions in biaxial acentric crystals**

[Huang, Jin Jer](#) (Department of Optical Information Science and Technology, Harbin University of Science and

Technology); [Shen, Tao](#); [Ji, Guang Ju](#); [Gao, Wei](#); [Wang, Hong](#); [Andreev, Yu.M.](#); [Shaiduko, A.V.](#) **Source:** *Optics Communications*, v 281, n 11, Jun 1, 2008, p 3208-3216

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### **84. Radiation properties of carbon nanotubes antenna at terahertz/infrared range**

[Wang, Yue](#) (Harbin University of Science and Technology); [Wu, Qun](#); [Shi, Wei](#); [He, Xunjun](#); [Sun, Xiaofang](#);

[Gui, Tailong](#) **Source:** *International Journal of Infrared and Millimeter Waves*, v 29, n 1, January, 2008, p 35-42

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### **85. Change rule of chip breaking limits in high speed machining**

[Zhang, Huiping](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology);

[Li, Zhenjia](#); [Liu, Erliang](#); [Wei, Guoliang](#) **Source:** *Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering*, v 44, n 5, May, 2008, p 124-130 **Language:** Chinese

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### **86. Development of an ultra-small smart temperature sensor with quartz tuning fork resonators**

[Xu, Jun](#) (College of Automation, Harbin University of Science and Technology); [Hu, Lihua](#); [Ma, Jing](#); [Cui, Juan](#);

[You, Bo](#) Source: *Advanced Materials Research*, v 47-50 PART 2, *Multi-functional Materials and Structures - International Conference on Multifunctional Materials and Structures*, 2008, p 769-772

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### **87. Growth and photo-damage resistance of Hf:LiNbO<sub>3</sub> crystals**

[Liu, Bo](#) (School of Chemistry and Environment Engineering, Harbin University of Science and Technology); [Bi, Jiancong](#); [Li, Chunliang](#); [Xu, Yuheng](#) Source: *Kuei Suan Jen Hsueh Pao/ Journal of the Chinese Ceramic Society*, v 36, n 11, November, 2008, p 1586-1589 **Language:** Chinese

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### **88. Neuron adaptive PID control for position tracking control of automatic clutch**

[Xie, Xian-Ping](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Wang, Xu-Dong](#); [Wu, Xiao-Gang](#); [Yu, Teng-Wei](#) Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 5, September, 2008, p 555-560 **Language:** Chinese

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### **89. Nonlinear conductivity properties of silicon carbide/silicon rubber composites**

[Han, Bao-Zhong](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Guo, Wen-Min](#); [Li, Zhong-Hua](#) Source: *Gongneng Cailiao/Journal of Functional Materials*, v 39, n 9, September, 2008, p 1490-1493 **Language:** Chinese

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### **90. Design and analysis of a novel low actuation voltage capacitive RF MEMS switches**

[Song, Mingxin](#) (School of Applied Sciences, Harbin University of Science and Technology); [Yin, Jinghua](#); [He, Xunjun](#); [Wang, Yue](#) Source: *3rd IEEE International Conference on Nano/Micro Engineered and Molecular Systems, NEMS, 3rd IEEE International Conference on Nano/Micro Engineered and Molecular Systems, NEMS 2008*, 2008, p 235-238

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### **91. A spatial indexing structure based on object partition-BR-tree**

[Liu, Run-Tao](#) (Institute of Information and Scientific Computing Technology, College of Applied Science, Harbin University of Science and Technology); [Hao, Zhong-Xiao](#) Source: *Proceedings of the 2007 International Conference on Wavelet Analysis and Pattern Recognition, ICWAPR '07*, v 1, *Proceedings of the 2007 International Conference on Wavelet Analysis and Pattern Recognition, ICWAPR '07*, 2008, p 371-375

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### **92. Research on deciding a database schema without inside conflicts meeting P<sub>3</sub> and $\beta$ -acyclicity**

[Hao, Zhongxiao](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Gu, Zhaopeng](#) Source: *Jisuanji Yanjiu yu Fazhan/Computer Research and Development*, v 45, n 6, June, 2008, p 1056-1063 **Language:** Chinese

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### **93. Numerical simulation of temperature field in large size hydrostatic bearings**

[Zhang, Yanqin](#) (Harbin University of Science and Technology); [Shao, Junpeng](#); [Ni, Shiqian](#) **Source:** *Zhongguo Jixie Gongcheng/China Mechanical Engineering*, v 19, n 5, Mar 10, 2008, p 563-565 **Language:** Chinese

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### **94. Effect of rotor's cooling duct geometry on air mass flow rate distribution of large turbo generator**

[Lu, Yiping](#) (Harbin University of Science and Technology); [Li, Weili](#); [Han, Jiade](#); [Yin, Wenhao](#); [Chen, Pengfei](#) **Source:** *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 23, n 4, April, 2008, p 20-24 **Language:** Chinese

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### **95. Theoretical study on the OH + CH<sub>3</sub>NHC(O)OCH<sub>3</sub> reaction**

[Zhang, Hui](#) (College of Chemical and Environmental Engineering, Harbin University of Science and Technology); [Zhang, Gui-Ling](#); [Liu, Jing-Yao](#); [Liu, Bo](#); [Yu, Xiao-Yang](#); [Li, Ze-Sheng](#) **Source:** *Journal of Computational Chemistry*, v 29, n 7, May, 2008, p 1170-1176

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### **96. Slag detachability of new slag system basic electrode**

[Meng, Gongge](#) (School of Material Science and Engineering, Harbin University of Science and Technology); [Yang, Tuoyu](#); [Liu, Xiaojing](#); [Yang, Lijuan](#) **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 29, n 3, March, 2008, p 33-36 **Language:** Chinese

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### **97. The rapid prediction of the modification level of Al-Si alloys by surface tension**

[Shi, De Quan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology); [Li, D.Y.](#); [Gao, G.L.](#) **Source:** *JOM*, v 60, n 11, November, 2008, p 25-28

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### **98. Research on calculation method of standard volume used in natural gas measurement system**

[Wei, Kaifeng](#) (College of Measurement-Control Technology and Communication Engineering, Harbin Univ. Sci. Tech.); [Niu, Bin](#); [Zhang, Zuoqun](#); [Song, Shaoying](#) **Source:** *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 29, n 10, October, 2008, p 2207-2210 **Language:** Chinese

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### **99. Extrinsic fiber Fabry-Perot sensors for PD-induced acoustic emission detection in liquid dielectrics**

[Zhao, Hong](#) (Key Laboratory of Engineering Dielectrics and Its Application, Harbin University of Science and



Technology); [Li, Min](#); [Wang, Ping-Ping](#); [Zhang, Ying](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 28, n 22, Aug 5, 2008, p 59-63  
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### **100. Analysis of the steady director of nematic polymers in Hele-Shaw flow**

[Sun, Jianye](#) (Harbin University of Science and Technology) **Source:** *Molecular Crystals and Liquid Crystals*, v 487, , 2008, p 23-30

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### **101. Time delay study on internet based teleoperation system**

[You, Bo](#) (College of Automation, Harbin University of Science and Technology); [Liu, Sujun](#); [Li, Dongjie](#) **Source:** *Proceedings of the 27th Chinese Control Conference, CCC, Proceedings of the 27th Chinese Control Conference, CCC*, 2008, p 379-383

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### **102. Properties of nadic polyimide modified by gel-alumina**

[Chen, Yufei](#) (College of Material Science and Engineering, Harbin University of Science and Technology); [Fan, Yong](#) **Source:** *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 25, n 4, August, 2008, p 51-55

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### **103. Finite element analysis of precision hard cutting using different cutting edge preparation**

[Wang, Y.](#) (Laboratory of Advanced Manufacturing Technology and Cutting Tools, Harbin University of Science and Technology); [Yan, F.G.](#); [Wang, P.](#); [Yue, C.X.](#); [Liu, X.L.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 353-358

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### **104. Simulation of complex curved surface WEDM system based on OpenGL**

[Wang, T.](#) (Lab. of Advanced Manufacturing Technology and Cutting Tools (Key College Lab.), Harbin University of Science and Technology); [Hu, Z.K.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 364-368

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### **105. Research and realization of auto-calibration technique based on structured grating 3D measuring system**

[Cheng, J.T.](#) (Institute of Mechanical Engineering, Heilongjiang University of Science and Technology); [Zhao, C.](#); [He, W.T.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 594-598

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### **106. Structured light system model using off-the-shelf components and its calibration**

[Wu, Hai-Bin](#) (College of Measurement-control Technology and Communication Engineering, University of Science and Technology); [Yu, Xiao-Yang](#) **Source:** *Guangxue Jingmi Gongcheng/Optics and Precision Engineering*, v 16, n 4, April, 2008, p 617-623 **Language:** Chinese

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### **107. Effect of rod-like grain on properties and toughening mechanism of 3Y-TZP/Al<sub>2</sub>O<sub>3</sub> ceramics**

[RONG, Shou-fan](#) (School of Materials Science and Technology, Harbin University of Science and Technology); [Ji, Ze-sheng](#); [ZHU, Yong-chang](#); [ZHANG, Jing-qiang](#) **Source:** *Transactions of Nonferrous Metals Society of China (English Edition)*, v 18, n 2, April, 2008, p 388-392

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### **108. Simulation of shearer drum cutting with memory program controlling by fuzzy control**

[Liu, Chun-Sheng](#) (Mechanical Engineering Institute, Heilongjiang University of Science and Technology); [Yang, Qiu](#); [Li, Chun-Hua](#) **Source:** *Meitan Xuebao/Journal of the China Coal Society*, v 33, n 7, July, 2008, p 822-825 **Language:** Chinese

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### **109. Effects of Bi and Ni addition on wettability and melting point of Sn-0.3Ag-0.7Cu Low-Ag Pb-free solder**

[Liu, Y.](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Mailbox 317); [Sun, F.L.](#); [Yan, T.L.](#); [Hu, W.G.](#) **Source:** *Proceedings, 2008 International Conference on Electronic Packaging Technology and High Density Packaging, ICEPT-HDP 2008, Proceedings, 2008 International Conference on Electronic Packaging Technology and High Density Packaging, ICEPT-HDP 2008*, 2008, p 4607065

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### **110. Phase conjugation properties and holographic associative storage of near stoichiometric Zn:In:Fe:LiNbO<sub>3</sub> crystals**

[Wang, Yijie](#) (Applied Science College, Harbin University of Science and Technology); [Yu, Haitao](#); [Xu, Chao](#); [Liu, Wei](#); [Yu, Feng](#); [Xu, Yuheng](#) **Source:** *Kuei Suan Jen Hsueh Pao/ Journal of the Chinese Ceramic Society*, v 36, n 8, August, 2008, p 1079-1083 **Language:** Chinese

**Database:** Compendex

### **111. Real-time fault-tolerant scheduling algorithm with low dependability cost in on-board computer system**

[Wang, Pei-Dong](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Wei, Zhen-Hua](#) **Source:** *Journal of Harbin Institute of Technology (New Series)*, v 15, n 3, June, 2008, p 361-364

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### **112. Correlation of the positive stress ratio effects on fatigue crack propagation rate of aluminium alloys based on a new parameter $da/dS$**

[Lu, Xia-Mei](#) (Dept. of Engineering Mechanics, Harbin University of Science and Technology); [Ma, Yun-Fei](#); [Zhang, Jia-Zhen](#) **Source:** *Journal of Harbin Institute of Technology (New Series)*, v 15, n 3, June, 2008, p 374-377

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### **113. The design of a plasma generator used in ships**

[Wang, XinZhang](#) (Electrical and Electronic Engineering College, Harbin University of Science and Technology); [Yang, JiaXiang](#); [Lan, Bo](#); [Xu, ZuoMing](#); [Gao, Ying](#) **Source:** *Science in China, Series G: Physics, Mechanics and Astronomy*, v 51, n 6, June, 2008, p 591-598

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### **114. Comparative analyses on FEM simulation and experiment of the hard turning using chamfered PCBN tool**

[Chen, T.](#) (Laboratory of Advanced Manufacturing Technology and Cutting Tools, Harbin University of Science and Technology); [Wang, Y.W.](#); [Li, Y.F.](#); [Yang, C.J.](#); [Liu, X.L.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 303-307

**Database:** Compendex

### **115. The controller of vision detecting instrument for steel ball surface quality based on DSP**

[Wang, P.](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology); [Liu, Y.Z.](#); [Liu, D.L.](#); [Wu, C.Y.](#); [Liu, X.L.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 508-512

**Database:** Compendex

### **116. Motion characteristics analysis and simulation of move-in-mud robot**

[Ren, Fujun](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology); [Yan, Bingbing](#) **Source:** *Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering*, v 44, n 1, January, 2008, p 62-66 **Language:** Chinese

**Database:** Compendex

### **117. Monitoring of Quality of Vermicular Cast Iron from the Front of the Furnace**

[Li, Dayong](#) (School of Material Science and Engineering, Harbin University of Science and Technology); [Shi, Dequan](#); [Wang, Lihua](#) **Source:** *Tsinghua Science and Technology*, v 13, n 2, April, 2008, p 137-141

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### **118. Approximate k-closest pair query algorithm based on Z curve**

[Xu, Hongbo](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Hao, Zhongxiao](#) **Source:** *Jisuanji Yanjiu yu Fazhan/Computer Research and Development*, v 45, n 2, February, 2008, p 310-317 **Language:** Chinese

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### **119. Fracture strength of ultra-high temperature ceramics**

[Zeng, Tao](#) (Department of Engineering Mechanics, Harbin University of Science and Technology); [Fang, Dai-Ning](#); [Lu, Xia-Mei](#); [Zhou, Fei-Fei](#) **Source:** *Key Engineering Materials*, v 368-372 PART 2, 2008, p 1785-1787

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### **120. Microwave-assisted synthesis of hexagonal barium ferrite powders with nano-particle**

[Dong, Li-Min](#) (College of Materials Science and Engineering, Harbin University of Science and Technology); [Han, Zhi-Dong](#); [Wu, Ze](#); [Zhang, Xian-You](#) **Source:** *Key Engineering Materials*, v 368-372 PART 1, 2008, p 576-578

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### **122. Effect of Li and Nb mole ratio on photorefractive properties of Mg:Sc:Fe:LiNbO<sub>3</sub> crystals**

[Zheng, Wei](#) (College of Material Science and Engineering, Harbin University of Science and Technology); [Gui, Qiang](#); [Li, Guangbin](#); [Xu, Yuheng](#) **Source:** *Kuei Suan Jen Hsueh Pao/ Journal of the Chinese Ceramic Society*, v 36, n 8, August, 2008, p 1088-1092 **Language:** Chinese

**Database:** Compendex

### **123. Method of data association performance evaluation based on automata theory consistency and reachability analysis**

[Liang, Bing](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Liu, Qun](#) **Source:** *Dianzi Keji Daxue Xuebao/Journal of the University of Electronic Science and Technology of China*, v 37, n 4, July, 2008, p 606-609+629 **Language:** Chinese

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### **124. The properties of Gabor wavelet transform**

[Deng, Cai-Xia](#) (Applied Science College, Harbin University of Science and Technology); [Fu, Zuo-Xian](#); [Ma, Xiao-Jian](#) **Source:** *Proceedings of the 2007 International Conference on Wavelet Analysis and Pattern Recognition, ICWAPR '07*, v 4, *Proceedings of the 2007 International Conference on Wavelet Analysis and Pattern Recognition, ICWAPR '07*, 2008, p 1504-1507

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### **125. PCBN tool performance evaluation based on image analysis of machining surface texture**

[Wang, P.](#) (Department of Mechanical and Power Engineering, Harbin University of Science and Technology); [Liu, D.L.](#); [Liu, Y.Z.](#); [Liu, X.L.](#); [Wu, C.Y.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 762-766

**Database:** Compendex

## **126. Numerical simulation and optimal design of rotary draw bending pipe**

[Lai, Y.N.](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology); [Zhang, G.Y.](#); [Yu, H.N.](#); [Liu, G.F.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 172-176

## **127. Diagnostic numerical simulation of large hydro-generator with insulation aging**

[Li, Weili](#) (College of Electrical and Electronic Engineering, East Campus, Harbin University of Science and Technology); [Ding, Shuye](#); [Zhou, Feng](#) **Source:** *Heat Transfer Engineering*, v 29, n 10, October, 2008, p 902-909

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## **128. Study of multi-valued dependency in strong total order temporal scheme with multiple time granularities**

[Wan, Jing](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Hao, Zhongxiao](#) **Source:** *Jisuanji Yanjiu yu Fazhan/Computer Research and Development*, v 45, n 6, June, 2008, p 1064-1071 **Language:** Chinese

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## **129. Modification effect of lanthanum on primary phase Mg<sub>2</sub>Si in Mg-Si alloys**

[WANG, Liping](#) (Department of Materials Science and Engineering, Harbin University of Science and Technology); [GUO, Erjun](#); [MA, Baoxia](#) **Source:** *Journal of Rare Earths*, v 26, n 1, , 2008, p 105-109

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## **130. Model identification and control method of electro-hydraulic position servo system**

[Shao, Jun-Peng](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology); [Han, Gui-Hua](#); [Dong, Yu-Hong](#); [Liu, Jia-Chun](#) **Source:** *Zhongnan Daxue Xuebao (Ziran Kexue Ban)/Journal of Central South University (Science and Technology)*, v 39, n 2, April, 2008, p 332-337 **Language:** Chinese

**Database:** Compendex

## **131. A study of computer vision for ground surface roughness evaluation**

[Liu, Xianli](#) (Key College Laboratory of Advanced Manufacturing Technology and Cutting Tools, Harbin Univ. of Sci. and Tech.); [Wu, Chunya](#); [Wang, Lan](#); [Liu, Liming](#); [Wang, Peng](#) **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 6833, *Electronic Imaging and Multimedia Technology V*, 2008, p 68332W

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## **132. Effects of coupling agents on structure and properties of polyimide/nano-alumina hybrid films**

[Liu, Li-Zhu](#) (Material Science and Engineering College, Harbin University of Science and Technology); [Gao,](#)

[Lin](#); [Song, Yu-Xia](#); [Zhao, Hong](#); [Lei, Qing-Quan](#) **Source:** *Gongneng Cailiao/Journal of Functional Materials*, v 39, n 11, November, 2008, p 1887-1889 **Language:** Chinese

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### 133. Reproducing kernel of image space of Haar wavelet transform

[Wang, Jian-Fei](#) (Applied Science College, Harbin University of Science and Technology) **Source:** *Proceedings of the 2008 International Conference on Wavelet Analysis and Pattern Recognition, ICWAPR*, v 2, *Proceedings of the 2008 International Conference on Wavelet Analysis and Pattern Recognition, ICWAPR*, 2008, p 639-643

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### 134. Reproducing kernel space based on Gabor wavelet transform

[Deng, Cai-Xia](#) (Applied Science College, Harbin University of Science and Technology); [Tang, Yuan-Yan](#); [Fu, Zuo-Xian](#) **Source:** *Proceedings of the 2008 International Conference on Wavelet Analysis and Pattern Recognition, ICWAPR*, v 2, *Proceedings of the 2008 International Conference on Wavelet Analysis and Pattern Recognition, ICWAPR*, 2008, p 644-649

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### 135. New algorithms of multi-resolution editing of NURBS curves

[Liu, Run-Tao](#) (Institute of Information and Scientific Computing Technology, Harbin University of Science and Technology); [Gao, Xiao-Shuang](#) **Source:** *Proceedings of the 2008 International Conference on Wavelet Analysis and Pattern Recognition, ICWAPR*, v 2, *Proceedings of the 2008 International Conference on Wavelet Analysis and Pattern Recognition, ICWAPR*, 2008, p 810-814

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### 136. Influence of composition ratio on frequency conversion of $\text{Hg}_{1-x}\text{Cd}_x\text{Ga}_2\text{S}_4$

[Shen, Tao](#) (Applied Sciences College, Harbin University of Science and Technology); [Huang, Jin-Jer](#); [Ji, Guang-Ju](#) **Source:** *Guangzi Xuebao/Acta Photonica Sinica*, v 37, n 9, September, 2008, p 1764-1768

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**Database:** Compendex

### 137. New nonstandard job shop scheduling algorithm

[Xie, Zhiqiang](#) (School of Computer Science and Technology, Harbin University of Science and Technology); [Ye, Guangjie](#); [Zhang, Dali](#); [Tan, Guangyu](#) **Source:** *Chinese Journal of Mechanical Engineering (English Edition)*, v 21, n 4, August, 2008, p 97-100

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### 138. Morphology, evolution and performance of IMC in SAC105 solder/UBM (Ni (P)-Au)

[Sun, F.L.](#) (Department of Mat. Sci. and Eng., Harbin University of Sci. and Tech.); [Hochstenbach, P.](#); [Van Driel, W.D.](#); [Zhang, G.Q.](#) **Source:** *Proceedings, 2008 International Conference on Electronic Packaging Technology and High Density Packaging, ICEPT-HDP 2008, Proceedings, 2008 International Conference on Electronic Packaging Technology and High Density Packaging, ICEPT-HDP 2008*, 2008, p 4607069

**Database:** Compendex

### **139. Multimedia cutting database of PCBN tools**

[Liu, X.L.](#) (Key Laboratory of Advanced Manufacturing Tech. and Cutting Tools, Harbin Univ. of Sci. and Tech.); [Zhao, X.H.](#); [Liu, Y.Z.](#); [Wang, Y.W.](#); [Jiang, S.H.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 336-340

**Database:** Compendex

### **140. Assessment of ground surface roughness based on computer vision technology**

[Wu, C.Y.](#) (Key College Laboratory of Advanced Manufacturing Technology and Cutting Tools, Harbin Univ. of Sci. and Tech.); [Liu, X.L.](#); [Wang, Y.J.](#); [Wang, P.](#); [Liu, Y.Z.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 667-671

**Database:** Compendex

### **141. Modeling of high speed end mills based on simulation of dynamic cutting forces and safety prediction**

[Jiang, B.](#) (Harbin University of Science and Technology); [Zheng, M.L.](#); [Ma, H.Z.](#); [Huang, Y.J.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 348-352

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### **142. Modeling of microstructure formation of Ti-6Al-4V alloy in a cold crucible under electromagnetic field**

[Wu, S.P.](#) (School of Materials Science and Engineering, Harbin University of Science and Technology); [Liu, D.R.](#); [Su, Y.Q.](#); [Guo, E.J.](#); [Zhang, Y.H.](#) **Source:** *Journal of Alloys and Compounds*, v 456, n 1-2, May 29, 2008, p 85-95

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### **143. Variable interval fuzzy-PI control for inverted plasma cutting power supply**

[Jia, De-Li](#) (College of Automation Engineering, Harbin University of Science and Technology); [You, Bo](#); [Xu, Jia-Zhong](#); [Xu, Jun](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 3, May, 2008, p 313-318 **Language:** Chinese

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### **144. Direct high resolution in situ SEM observations of small fatigue crack opening profiles in the ultra-fine grain aluminium alloy**

[Zhang, J.Z.](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology); [He, X.D.](#); [Tang, H.](#); [Du, S.Y.](#) **Source:** *Materials Science and Engineering A*, v 485, n 1-2, Jun 25, 2008, p 115-118

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### **145. Dynamic voltage-current characteristics for a water jet plasma arc**

[Yang, Jiaxiang](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Lan, Sheng](#); [Xu, Zuoming](#) **Source:** *Applied Physics Letters*, v 92, n 18, , 2008, p 181502

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#### **146. Preparation and properties of polylactide/nano-silica in situ composites**

[Liu, Lizhu](#) (College of Materials Science and Engineering, Harbin University of Science and Technology); [Ma, Hongjie](#); [Zhu, Xingsong](#); [Jin, Zhenhao](#); [Fan, Yujiang](#) Source: *Beijing Huagong Daxue Xuebao (Ziran Kexueban)/Journal of Beijing University of Chemical Technology (Natural Science Edition)*, v 35, n 1, January, 2008, p 66-69 Language: Chinese

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#### **147. Method of fast forecasting mold filling capacity of Al-Si Alloy by surface tension**

[Shi, Dequan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology); [Li, Dayong](#); [Gao, Guili](#); [Wang, Lihua](#) Source: *Materials Transactions*, v 49, n 1, January, 2008, p 224-226

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#### **148. A cutting process parameter optimization expert system for difficult-to-cut materials**

[Wang, Zhenbo](#) (Key College Laboratory of Advanced Manufacturing Technology and Cutting Tools, Harbin Univ. of Sci. and Tech.); [Li, Zhenjia](#); [Zhu, Denghui](#) Source: *Key Engineering Materials*, v 375-376, 2008, p 574-577

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#### **149. Safety prediction of high speed face milling cutter with indexable inserts**

[Jiang, Bin](#) (Harbin University of Science and Technology); [Zheng, Minli](#); [Xu, Fang](#); [Li, Yaguang](#) Source: *Key Engineering Materials*, v 375-376, 2008, p 593-597

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#### **150. Technology improvement and parameter optimization on the electroplating superhard grinding material**

[Yiwen, Wang](#) (Key College Laboratory of Advanced Manufacturing Technology and Cutting Tools, Harbin Univ. of Sci. and Tech.); [Yizhi, Liu](#); [Xianli, Liu](#); [Guobin, Wang](#); [Hongcai, Deng](#) Source: *Key Engineering Materials*, v 359-360, 2008, p 559-563

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#### **151. A model for supply chain versus supply chain competition**

[Zhaobo, Chen](#) (School of Economic Management, Harbin University of Science and Technology); [Chunxian, Teng](#) Source: *3rd International Conference on Innovative Computing Information and Control, ICICIC'08, 3rd International Conference on Innovative Computing Information and Control, ICICIC'08*, 2008, p 4603329

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#### **152. Characteristics of output signal of extrinsic fiber Fabry-Perot acoustic sensors**

[Zhao, Hong](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Li, Min](#); [Zhang, Ying](#); [Wang, Ping-Ping](#) Source: *Guangxue Jingmi Gongcheng/Optics and Precision Engineering*,



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**Database:** Compendex

#### **154. Modeling and simulation of Cobot based on double over-running clutches**

[Dong, Yu-Hong](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology); [Zhang, Li-Xun](#) **Source:** *Journal of Harbin Institute of Technology (New Series)*, v 15, n 1, February, 2008, p 50-54

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#### **155. Selecting method of districts with science and technology program's priority support and its positive analysis**

[Wang, Hong-Qi](#) (School of Economics and Management, Harbin University of Science and Technology); [Wang, Xue-Yuan](#) **Source:** *Journal of Harbin Institute of Technology (New Series)*, v 15, n 1, February, 2008, p 80-85

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#### **156. Robust control of sampled-data systems with slow time-varying disturbance based on proportional-integral state observer**

[Wu, Jun-Feng](#) (School of Automatic, Harbin University of Science and Technology); [Dong, Li-Zhi](#); [Jing, Ming-Bo](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 2, March, 2008, p 228-233

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#### **158. Microstructures of short-carbon-fiber-reinforced SiC composites prepared by hot-pressing**

[He, Xiulan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology); [Guo, Yingkui](#); [Zhou, Yu](#); [Jia, Dechang](#) **Source:** *Materials Characterization*, v 59, n 12, December, 2008, p 1771-1775

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#### **159. Microstructure and properties of TiC reinforced composite coating fabricated on Ti alloy by GTAW**

[Wang, Zhenting](#) (Mobile Postdoctoral Center of Materials Science and Engineering, Harbin University of Science and Technology); [Chen, Lili](#); [Zhang, Xianyou](#) **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 29, n 9, September, 2008, p 43-45 **Language:** Chinese

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#### **160. Study on PID neural-network-based inverter space-vector pulse width modulation strategy**

[Jia, Deli](#) (Department of Automation, Harbin University of Science and Technology); [You, Bo](#); [Zhang, Fengjing](#) **Source:** *Proceedings of the World Congress on Intelligent Control and Automation (WCICA), Proceedings of the 7th World Congress on Intelligent Control and Automation, WCICA'08*, 2008, p 7835-7840

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### **161. Effect of extrusion ratio on microstructure and mechanical properties of Mg-Nd-Zn-Zr alloys prepared by a solid recycling process**

[Wen, Lihua](#) (School of Materials Science and Engineering, Harbin University of Science and Technology); [Ji, Zesheng](#); [Li, Xiaoliang](#) **Source:** *Materials Characterization*, v 59, n 11, November, 2008, p 1655-1660

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### **162. Application of wavelet in airplane cable fault location**

[Shi, Xudong](#) (Measurement-Control Tech. and Communication Engineering, Harbin University of Science and Technology); [Li, Dayong](#); [Wang, Liwen](#); [Gao, Jianshu](#) **Source:** *2007 IEEE International Conference on Control and Automation, ICCA, 2007 IEEE International Conference on Control and Automation, ICCA, 2008*, p 127-130

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### **163. A study of cutting state monitoring system based on virtual instrument**

[Wu, C.Y.](#) (Key College Laboratory of Advanced Manufacturing Technology and Cutting Tools, Harbin Univ. of Sci. and Tech.); [Liu, X.L.](#); [Wang, Y.W.](#); [Wang, P.](#); [Wang, Y.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 568-572

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### **164. Study of knowledge-based engineering (KBE) technology for the cutting of large containers**

[Chen, Y.Q.](#) (Mechanical Engineering Key Lab. of Harbin University of Science and Technology); [Li, Z.J.](#); [Guo, J.X.](#); [An, A.M.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 817-821

**Database:** Compendex

### **165. Emissivity calibration and research of infrared image processing in the cutting temperature test**

[Wang, Y.W.](#) (Key College Laboratory of Advanced Manufacturing Technology and Cutting Tools, Harbin Univ. of Sci. and Tech.); [Hao, H.R.](#); [Liu, X.L.](#); [Yue, C.X.](#) **Source:** *Applied Mechanics and Materials*, v 10-12, *e-Engineering and Digital Enterprise Technology*, 2008, p 928-933

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### **166. Structure and magnetic properties of BaLa<sub>0.5</sub>Fe<sub>11.5</sub>O<sub>19</sub>/SiO<sub>2</sub>**

[Han, Zhi-Dong](#) (College of Materials Science and Engineering, Harbin University of Science and Technology); [Dong, Li-Min](#); [Wu, Ze](#); [Zhang, Xian-You](#) **Source:** *Key Engineering Materials*, v 368-372 PART 1, 2008, p 626-628

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### **167. Reverse nearest neighbor queries using Voronoi diagrams**

[Li, Song](#) (School of Computer Science and Technology, Harbin University of Science and Technology); [Hao, Zhong-Xiao](#) **Source:** *Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University*, v 29, n 3, March, 2008, p 261-265 **Language:** Chinese

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### **168. OFDM system simulation in power line communication based on adaptive bit and power allocation**

[Zhang, Xu-Hui](#) (Measurement-Control and Communication Institute, Harbin University of Science and Technology); [Zhang, Li-Yong](#); [Lin, Hai-Jun](#) **Source:** *Xitong Fangzhen Xuebao / Journal of System Simulation*, v 20, n 4, Feb 20, 2008, p 1060-1063 **Language:** Chinese

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### **169. Synthesis and characterisation of nano-alumina hybrid polyimide films**

[Zhou, H.R.](#) (Harbin University of Science and Technology); [Liu, X.G.](#); [Zhao, D.M.](#); [Lin, F.](#); [Fan, Y.](#) **Source:** *Pigment and Resin Technology*, v 37, n 3, , 2008, p 161-166

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### **170. Fault diagnosis of induction motor with broken bar based on zoom envelope method**

[Shi, Xian-Jiang](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology); [Zhang, Chun-Xi](#); [Shao, Jun-Peng](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 2, March, 2008, p 151-154+159 **Language:** Chinese

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### **171. Simulation analysis in SVPWM vector control for asynchronous motor**

[Zhang, Chun-Xi](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Liao, Wen-Jian](#); [Wang, Jia-Zi](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 2, March, 2008, p 160-163+168 **Language:** Chinese

**Database:** Compendex

### **172. Electroless nickel-phosphorus plating on SiC<sub>p</sub>/Al composite from acid bath with nickel activation**

[Li, Libo](#) (School of Chemical and Environmental Engineering, Harbin University of Science and Technology); [An, Maozhong](#) **Source:** *Journal of Alloys and Compounds*, v 461, n 1-2, Aug 11, 2008, p 85-91

**Database:** Compendex

### **173. DTW/ISODATA algorithm and multilayer architecture in sign language recognition with large vocabulary**

[Wang, Xiaoyu](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Jiang, Feng](#); [Yao, Hongxun](#) **Source:** *Proceedings - 2008 4th International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IIH-MSP 2008, Proceedings - 2008 4th International Conference on Intelligent Information Hiding and Multimedia Signal Processing, IIH-MSP 2008*, 2008, p 1399-1402

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#### **174. Effect of germanium on shearing strength and fracture surface of SnAgCu/Cu soldering joint**

[Meng, Gongge](#) (School of Material Science and Engineering, Harbin University of Science and Technology); [Li, Caifu](#); [Yang, Tuoyu](#); [Chen, Leida](#) **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 29, n 9, September, 2008, p 59-62 **Language:** Chinese

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#### **175. Analysis of effect factors on the molecular weight of polylactide/nano-silica composites**

[Liu, Li-Zhu](#) (College of Material Science and Engineering, Harbin University of Science and Technology); [Ma, Hong-Jie](#); [Zhu, Xing-Song](#); [Jin, Zhen-Hao](#); [Fan, Yu-Jiang](#) **Source:** *Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering*, v 24, n 7, July, 2008, p 63-65+69 **Language:** Chinese

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#### **176. Decoupling control based on PID neural network for plasma cutting system**

[Jia, Deli](#) (Harbin University of Science and Technology); [You, Bo](#); [Zhang, Fengjing](#) **Source:** *Proceedings of the 27th Chinese Control Conference, CCC, Proceedings of the 27th Chinese Control Conference, CCC*, 2008, p 659-662

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#### **177. On fuzzy-PI control for inverted plasma cutting power supply**

[Jia, Deli](#) (Harbin University of Science and Technology); [You, Bo](#); [Zhang, Xueyan](#) **Source:** *Proceedings of the 27th Chinese Control Conference, CCC, Proceedings of the 27th Chinese Control Conference, CCC*, 2008, p 335-339

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#### **178. Dynamic job-shop scheduling algorithm with dynamic set of operation having priority**

[Xie, Zhi-Qiang](#) (School of Computer Science and Technology, Harbin University of Science and Technology); [Yang, Jing](#); [Yang, Guang](#); [Tan, Guang-Yu](#) **Source:** *Jisuanji Xuebao/Chinese Journal of Computers*, v 31, n 3, March, 2008, p 502-508 **Language:** Chinese

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#### **179. Dielectric and conduction properties of polyimide/silica nano-hybrid films**

[Zhang, Ming-Yan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology); [Zeng, Shu-Jin](#); [Fan, Yong](#); [Zhang, Pei-Hong](#); [Lei, Qing-Quan](#) **Source:** *Polymer Composites*, v 29, n 6, June, 2008, p 617-622

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[Xiu, Guo-Yi](#) (School of Economics and Management, Harbin University of Science and Technology); [Qi, Pan](#)  
**Source:** *Proceedings of 2007 International Conference on Management Science and Engineering, ICMSE'07 (14th), Proceedings of 2007 International Conference on Management Science and Engineering, ICMSE'07 (14th)*, 2008, p 922-927

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### **181. Asymptotic stability problem for discrete-time delay systems with saturated state feedback**

[Chen, Dong-Yan](#) (Department of Applied Mathematics, Harbin University of Science and Technology); [Si, Yu-Qin](#)  
**Source:** *Zidonghua Xuebao/ Acta Automatica Sinica*, v 34, n 11, November, 2008, p 1445-1448

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### **182. Defect structure and optical fixing holographic storage of Mg:Mn:Fe:LiNbO<sub>3</sub> crystals**

[Zheng, Wei](#) (College of Material Science and Engineering, 317, Harbin University of Science and Technology); [Gui, Qiang](#); [Xu, Yuheng](#)  
**Source:** *Crystal Research and Technology*, v 43, n 5, May, 2008, p 526-530

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### **183. The universal mathematical models of spatial curved surface in cartesian coordinates with NC-WEDM-HS**

[Fujun, Ren](#) (Harbin University of Science and Technology); [Yongcheng, Jiang](#); [Bingbing, Yan](#); [Xiaohai, Li](#)  
**Source:** *Proceedings of the IEEE International Conference on Industrial Technology, 2008 IEEE International Conference on Industrial Technology, IEEE ICIT 2008 - Conference Proceedings*, 2008, p 4608617

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### **184. Sign language synthesis of individuation based on data model**

[Wang, Xiaoyu](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Jiang, Feng](#); [Yao, Hongxun](#)  
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### **185. Establishment of mean line in surface metrology by B-spline filter**

[Xu, Jing-Bo](#) (College of Measure-control Technology and Communication Engineering, Harbin University of Science and Technology); [Yuan, Yi-Bao](#); [Liu, Bo](#)  
**Source:** *Guangxue Jingmi Gongcheng/Optics and Precision Engineering*, v 16, n 8, August, 2008, p 1411-1415 **Language:** Chinese

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### **186. Research of color-encoded technology for 3D measurement**

[Yuan, Huijuan](#) (Harbin University of Science and Technology); [Yu, Jia](#); [Yang, Ling](#); [Wang, Yan](#)  
**Source:** *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 29, n SUPPL., April, 2008, p 359-362 **Language:** Chinese

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### **187. Modeling method of density clustering fuzzy neural network design**

[Man, Chun-Tao](#) (School of Automation, Harbin University of Science and Technology); [Cao, Yong-Cheng](#); [Zhang, Li-Yong](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 4, July, 2008, p 455-458 **Language:** Chinese

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### **188. Hamiltonian modeling and passive control of magnetic levitation system**

[Zhang, Jing](#) (School of Automation, Harbin University of Science and Technology); [Wu, Jun-Feng](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 4, July, 2008, p 464-467+472 **Language:** Chinese

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### **189. bration measuring principle and system based on magnetic levitation effect**

[Jiang, Dong](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Gao, Ying](#); [Yang, Jia-Xiang](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 3, May, 2008, p 343-347+352 **Language:** Chinese

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### **190. Kind of simplified algorithm for multi-fault test generation**

[Wu, Li-Hua](#) (College of Measure-Control Technology and Communication Engineering, Harbin University of Science and Technology); [Li, Tao](#); [Zou, Hai-Ying](#); [Wang, Peng](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 3, May, 2008, p 348-352 **Language:** Chinese

**Database:** Compendex

### **191. Relations analysis between traditional equipment manufacturing and high-tech industry based on dissipative structure theory**

[Qi, Liang-Qun](#) (School of Economics and Management, Harbin University of Science and Technology); [Huo, Xiang-Mei](#) **Source:** *Proceedings of 2007 International Conference on Management Science and Engineering, ICMSE'07 (14th), Proceedings of 2007 International Conference on Management Science and Engineering, ICMSE'07 (14th)*, 2008, p 2208-2213

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### **192. Visualized measurement method and calibration for electrical capacitance tomography system**

[Chen, Deyun](#) (Harbin University of Science and Technology); [Chen, Yu](#); [Wang, Liii](#); [Yu, Xiaoyang](#) **Source:** *2007 IEEE International Conference on Control and Automation, ICCA, 2007 IEEE International Conference on Control and Automation, ICCA*, 2008, p 2065-2070

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### **193. Improved algorithm and realization of mechanical multi-parameter fuzzy optimization**

[Lai, Yinan](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology); [Lai, Mingzhu](#); [You, Bindi](#); [Yu, Yangtao](#) **Source:** *Journal of Advanced Manufacturing Systems*, v 7, n 1, June, 2008, p 183-186

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### **194. An method of constructing bivariate box-spline**

[Luo, Hui](#) (Applied Science College, Harbin University of Science and Technology); [Deng, Cai-Xia](#); [Zhu, Jian-Li](#) **Source:** *Proceedings of the 2008 International Conference on Wavelet Analysis and Pattern Recognition, ICWAPR*, v 2, *Proceedings of the 2008 International Conference on Wavelet Analysis and Pattern Recognition, ICWAPR*, 2008, p 530-534

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### **195. Research on supply chain model oriented to complex products life cycle**

[Ge, Jianghua](#) (Mechanical Electron Engineering College, Harbin Institute of Technology, Harbin University of Science and Technology); [Huang, Yongtao](#); [Xu, Yonglin](#); [Gao, Guoan](#) **Source:** *Proceedings of the IEEE International Conference on Automation and Logistics, ICAL 2008, Proceedings of the IEEE International Conference on Automation and Logistics, ICAL 2008*, 2008, p 2163-2168

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### **196. Photorefractive features of non-stoichiometry codoped Hf:Fe:LiNbO<sub>3</sub> single crystals**

[Liu, Bo](#) (School of Chemistry and Environment Engineering, Harbin University of Science and Technology); [Li, Chunliang](#); [Bi, Jiancong](#); [Sun, Liang](#); [Xu, Yuheng](#) **Source:** *Crystal Research and Technology*, v 43, n 3, March, 2008, p 260-265

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### **197. Study on CAD/CAPP technique of machining spatial curved surface with NC-WEDM-HS**

[Fujun, Ren](#) (Harbin University of Science and Technology); [Bingbing, Yan](#); [Yongcheng, Jiang](#); [Xiaohai, Li](#) **Source:** *Proceedings of the IEEE International Conference on Industrial Technology, 2008 IEEE International Conference on Industrial Technology, IEEE ICIT 2008 - Conference Proceedings*, 2008, p 4608618

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### **198. Design and implementation of data acquisition system for 12-electrode electrical capacitance tomography**

[Chen, Deyun](#) (Harbin University of Science and Technology); [Wang, Lili](#); [Li, Zhiqiang](#); [Shi, Wenchen](#); [Yu, Xiaoyang](#); [Zhang, Jianpei](#) **Source:** *Journal of Information and Computational Science*, v 5, n 1, January, 2008, p 1-8

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### **199. Multi-period supply chain network equilibrium model with two-channel**

[Zhang, Tie-Zhu](#) (School of Economic and Management, Harbin University of Science and Technology); [Zhou, Qian](#) **Source:** *Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS*, v 14, n 8, August, 2008, p 1512-1520 **Language:** Chinese

**Database:** Compendex

### **200. Measurement of microbubbles size by granulometry approach**

[Liu, Changzheng](#) (College of Computer Science and Technology, Harbin University of Science and Technology); [Ye, Guiyun](#) **Source:** *IEEE/ASME International Conference on Advanced Intelligent Mechatronics, AIM, Proceedings of the 2008 IEEE/ASME International Conference on Advanced Intelligent Mechatronics, AIM 2008*, 2008, p 928-932

**Database:** Compendex

### **201. Design of Sn-Ag-Cu-Bi solder alloy and analysis on microstructure and properties**

[Wang, Lifeng](#) (Harbin University of Science and Technology); [Sun, Fenglian](#); [Liu, Xiaojing](#); [Liang, Ying](#) **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 29, n 7, July, 2008, p 9-12 **Language:** Chinese

**Database:** Compendex

### **202. Effect of Ge on the SnAgCu/Cu soldering interface**

[Meng, Gongge](#) (School of Material Science and Engineering, Harbin University of Science and Technology); [Yang, Tuoyu](#); [Chen, Leida](#); [Wang, Shizhen](#); [Li, Caifu](#) **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 29, n 7, July, 2008, p 51-53+56 **Language:** Chinese

**Database:** Compendex

### **203. Modification of Mg<sub>2</sub>Si morphology in Mg-Si alloys with Bi**

[Guo, E.J.](#) (Department of Materials Science and Engineering, Harbin University of Science and Technology); [Ma, B.X.](#); [Wang, L.P.](#) **Source:** *Journal of Materials Processing Technology*, v 206, n 1-3, Sep 12, 2008, p 161-166

**Database:** Compendex

### **204. Formation process of AZ31B semi-solid microstructures through strain-induced melt activation method**

[Ji, Zesheng](#) (College of Materials Science and Engineering, Harbin University of Science and Technology); [Hu, Maoliang](#); [Sugiyama, Sumio](#); [Yanagimoto, Jun](#) **Source:** *Materials Characterization*, v 59, n 7, July, 2008, p 905-911

**Database:** Compendex

### **205. Finite element and experimental analysis for cold tube-bending of a power station boiler**

[Lai, Yi-Nan](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology); [Yu, Hao-Nan](#); [Liu, Xian-Li](#); [Yu, Yan-Min](#) **Source:** *Journal of Harbin Institute of Technology (New Series)*, v 15, n 2,



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**Database:** Compendex

### **206. Simulation about biomechanics of human leg based on finite element method**

[Wang, Mo-Nan](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology); [Zhang, Meng](#) **Source:** *Xitong Fangzhen Xuebao / Journal of System Simulation*, v 20, n 20, Oct 20, 2008, p 5638-5641 **Language:** Chinese

**Database:** Compendex

### **207. A novel active power measuring method for power systems with distorted signals**

[Zhang, Xiao-Bing](#) (School of Measurement-Control Tech and Communications Engineering, Harbin University of Science and Technology); [Liang, Yuan-Hua](#); [Cui, Jia-Rui](#) **Source:** *Proceedings of the 2008 IEEE International Conference on Information and Automation, ICIA 2008, Proceedings of the 2008 IEEE International Conference on Information and Automation, ICIA 2008*, 2008, p 5-9

**Database:** Compendex

### **208. Design of ultrahigh pressure water-jet cutting machine based on phased intensifier**

[Xu, Jiazhong](#) (College of Automation Engineering, Harbin University of Sci. and Tech.); [You, Bo](#) **Source:** *Proceedings of the World Congress on Intelligent Control and Automation (WCICA), Proceedings of the 7th World Congress on Intelligent Control and Automation, WCICA'08*, 2008, p 9362-9367

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### **209. Research and development of DSP based servo motion controller**

[Xu, Jiazhong](#) (College of Automation, Harbin University of Science and Technology); [You, Bo](#); [Lei, Ma](#) **Source:** *Proceedings of the World Congress on Intelligent Control and Automation (WCICA), Proceedings of the 7th World Congress on Intelligent Control and Automation, WCICA'08*, 2008, p 7716-7719

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### **210. Research on calculation of natural mix gas viscosity and reynolds number**

[Wei, Kai-Feng](#) (College of Measure-Control Technology and Communication Engineering, Harbin University Science and Technology); [Song, Shao-Ying](#); [Zhang, Zuo-Qun](#) **Source:** *Jiliang Xuebao/Acta Metrologica Sinica*, v 29, n 3, July, 2008, p 248-250 **Language:** Chinese

**Database:** Compendex

### **211. Relation between surface tension and microstructural modification in Al-Si alloys**

[Shi, Dequan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology); [Li, Dayong](#); [Gao, Guili](#) **Source:** *Materials Characterization*, v 59, n 11, November, 2008, p 1541-1545

**Database:** Compendex

## 212. Fuzzy neural network control of electro-hydraulic position servo system

[Zhong, Wei-Feng](#) (College of Automation, Harbin University of Science and Technology); [He, Xiao-Xi](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 4, July, 2008, p 478-482 **Language:** Chinese

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## 213. Influence of coupling agents dosage on structure and properties of polyimide hybrid films

[Liu, Li-Zhu](#) (Material Science and Engineering College, Harbin University of Science and Technology); [Gao, Lin](#); [Song, Yu-Xia](#); [Zhao, Hong](#); [Lei, Qing-Quan](#) **Source:** *Gongneng Cailiao/Journal of Functional Materials*, v 39, n 5, May, 2008, p 814-816+820 **Language:** Chinese

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## 214. Improved virus evolutionary genetic algorithm for job-shop scheduling problem

[Liu, Sheng-Hui](#) (Software Department, Harbin University of Science and Technology); [Zhang, Shu-Li](#); [Wang, Bo](#); [Teng, Chun-Xian](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 12, n 2, March, 2008, p 234-238 **Language:** Chinese

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## 215. Research on dynamic cutting performance of high speed face milling cutter

[Zheng, Minli](#) (Harbin University of Science and Technology); [Jiang, Bin](#); [Liu, Jia](#); [He, Chongyu](#) **Source:** *Key Engineering Materials*, v 375-376, 2008, p 663-666

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## 216. Research on heating density function of milling insert with 3D complex groove

[Wu, Mingyang](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology); [Meng, Qingxin](#); [Tan, Guangyu](#); [Liu, Qiang](#) **Source:** *Key Engineering Materials*, v 375-376, 2008, p 241-247

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## 217. Interfacial microstructure and tensile properties of 6061Al matrix composite reinforced with ZnAl<sub>2</sub>O<sub>4</sub>-coated Al<sub>18</sub>B<sub>4</sub>O<sub>33</sub> whiskers

[Yu, Zemin](#) (School of Materials Science and Engineering, Harbin University of Science and Technology); [Wu, Yewei](#); [Yue, Hongyan](#); [Fei, Weidong](#) **Source:** *Fuhe Cailiao Xuebao/Acta Materiae Compositae Sinica*, v 25, n 3, June, 2008, p 132-137 **Language:** Chinese

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## 218. Influence of Sb on Sn-0.7Cu solder's melting point and soldering interface

[Chen, Leida](#) (School of Materials Science and Engineering, Harbin University of Science and Technology); [Meng, Gongge](#); [Liu, Xiaojing](#); [Li, Zhengping](#) **Source:** *Hanji Xuebao/Transactions of the China Welding Institution*, v 29, n 5, May, 2008, p 105-108 **Language:** Chinese

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### **219. Design of laser diode stable output system**

[Liu, Bo](#) (Harbin University of Science and Technology, School of Measurement-Control Tech. and Communications Engineering); [Cao, Rui-Ming](#) **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 6824, *Semiconductor Lasers and Applications III*, 2008, p 68240M

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### **220. Structured-light-based 3D measurement technique using Gray code and line-shift fringe**

[Yu, Xiaoyang](#) (Harbin University of Science and Technology); [Wu, Haibin](#) **Source:** *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 29, n 4, April, 2008, p 701-704 **Language:** Chinese

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### **221. Experiment and simulation of rotor's torsional vibration based on sensorless detection technology**

[Shi, Xianjiang](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology); [Shao, Junpeng](#); [Si, Junshan](#); [Li, Baonian](#) **Source:** *Proceedings of the IEEE International Conference on Automation and Logistics, ICAL 2008, Proceedings of the IEEE International Conference on Automation and Logistics, ICAL 2008*, 2008, p 2673-2678

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### **222. Study on the supply chain production planning with time-space network**

[Tiezhu, Zhang](#) (Economic and Management Department, Harbin University of Science and Technology); [Longying, Li](#) **Source:** *Proceedings - ISECS International Colloquium on Computing, Communication, Control, and Management, CCCM 2008*, v 3, *Proceedings - ISECS International Colloquium on Computing, Communication, Control, and Management, CCCM 2008*, 2008, p 128-131

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### **223. Detection of three typical disturbances in power system**

[Fang, Guozhi](#) (Harbin University of Science and Technology); [Hu, Bingfang](#); [Song, Guoyi](#) **Source:** *Dianli Zidonghua Shebei / Electric Power Automation Equipment*, v 28, n 6, June, 2008, p 74-77 **Language:** Chinese

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### **224. Piezoresistive composites based on quantum tunneling effect**

[Han, Bao-Zhong](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Zhang, Ling-Yan](#); [Han, Bao-Guo](#); [Liu, Ling-Yun](#); [Hu, Zhang-Xiong](#) **Source:** *Gongneng Cailiao/Journal of Functional Materials*, v 39, n 6, June, 2008, p 931-934 **Language:** Chinese

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### **225. Modification of surface tribology characteristic of PTFE**

[Gao, Wei-Li](#) (School of Materials Science and Engineering, Harbin University of Science and Technology) **Source:** *Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals*, v 18, n 6, June, 2008, p

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### **226. Design and simulation of improved repetitive controller for inverted power supply**

[Jia, Deli](#) (College of Automation, Harbin University of Science and Technology); [You, Bo](#); [Zhang, Xueyan](#)

**Source:** *Dianli Zidonghua Shebei / Electric Power Automation Equipment*, v 28, n 5, May, 2008, p 77-81

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### **227. Research of leader-follower problem to tradable emission permits**

[Li, Lei](#) (School of Economics and Management, Harbin University of Science and Technology); [Yan, Wei](#)

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### **228. Coupled calculation of three dimensional temperature field in rotor of turbo generator**

[Lu, Yi-Ping](#) (Harbin University of Science and Technology); [Yin, Wen-Hao](#); [Tan, He-Ping](#); [Chen, Peng-Fei](#)

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### **229. Study on digital inverted plasma cutting power supply**

[Jia, De-Li](#) (College of Automation, Harbin University of Science and Technology); [You, Bo](#); [Zhang, Feng-Jing](#);

[Xu, Jun](#) **Source:** *Zhongbei Daxue Xuebao (Ziran Kexue Ban)/Journal of North University of China (Natural Science Edition)*, v 29, n 1, February, 2008, p 78-83

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### **230. Distributed intrusion detection system based on grid security model**

[Su, Jie](#) (Harbin University of Science and Technology); [Yahui, Liu](#) **Source:** *Proceedings of SPIE - The*

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### **231. Numerical simulation of aluminum-magnesium alloy cup's forming by hydrodynamic deep drawing with double loading paths**

[Liu, Xiao-Jing](#) (School of Materials Science and Engineering, Harbin University of Science and Technology);

[Yan, Wei](#); [Guo, Li-Wei](#) **Source:** *Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals*, v 18, n 4, April, 2008, p 698-702

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### **232. Comparison research of science and technology (S and T) Innovation resources allocation level of each district in China**

[Wang, Xue-Yuan](#) (School of Economics and Management, Harbin University of Science and Technology); [Wang, Hong-Qi](#) **Source:** *2008 International Conference on Management Science and Engineering 15th Annual Conference Proceedings, ICMSE, 2008 International Conference on Management Science and Engineering 15th Annual Conference Proceedings, ICMSE, 2008*, p 1537-1542

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### **233. Improving actuation control of a Cobot's power-assisted joint mechanism**

[Dong, Yu-Hong](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology); [Zhang, Li-Xun](#) **Source:** *Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University*, v 29, n 10, October, 2008, p 1097-1102 **Language:** Chinese

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### **234. Applying a dynamic balanced scorecard in the manufacturing enterprises**

[Sun, Xiao-Yu](#) (School of Economic Management, Harbin University of Science and Technology); [Zhao, Da-Wei](#); [Li, Zhi-Gang](#) **Source:** *Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University*, v 29, n 10, October, 2008, p 1103-1107 **Language:** Chinese

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### **235. Hardware-in-the-loop simulation on controllable hydrostatic thrust bearing**

[Shao, Junpeng](#) (Department of Mechanical Power Engineering, Harbin University of Science and Technology); [Han, Guihua](#); [Zhang, Yanqin](#); [Dong, Yuhong](#); [Li, Hongmei](#); [Liu, Jiachun](#) **Source:** *Proceedings of the IEEE International Conference on Automation and Logistics, ICAL 2008, Proceedings of the IEEE International Conference on Automation and Logistics, ICAL 2008, 2008*, p 1095-1099

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### **232. Relation between surface tension and graphite shape in cast iron**

[Shi, D.](#) (Department of Material Science and Engineering, Harbin University of Science and Technology); [Li, D.](#); [Gao, G.](#); [Wang, L.](#) **Source:** *Materials Transactions*, v 49, n 9, September, 2008, p 2163-2165

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### **233. Kinematic analysis of tooth-arrangement robot with serial-parallel joints**

[Zhang, Yongde](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology); [Ma, Junwei](#); [Zhao, Yanjiang](#); [Peijun, L.](#); [Wang, Yong](#) **Source:** *Proceedings of the 2008 IEEE International Conference on Information and Automation, ICIA 2008, Proceedings of the 2008 IEEE International Conference on Information and Automation, ICIA 2008, 2008*, p 624-628

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### **234. Line segment nearest neighbor query of spatial database**

[Hao, Zhongxiao](#) (College of Computer and Control, Harbin University of Science and Technology); [Wang, Yudong](#); [He, Yunbin](#) **Source:** *Jisuanji Yanjiu yu Fazhan/Computer Research and Development*, v 45, n 9, September, 2008, p 1539-1545 **Language:** Chinese

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### **235. Study on a combined supply chain contract of return policy and quantity discount**

[Zhang, Tiezhu](#) (School of Economic and Management, Harbin University of Science and Technology); [Liu, S. Yanli](#) **Source:** *Chinese Control and Decision Conference, 2008, CCDC 2008, Chinese Control and Decision Conference, 2008, CCDC 2008*, 2008, p 785-789

**Database:** Compendex

### **236. Design and realization of a system for the collection of motion images and timing for track events**

[Wang, Hongmin](#) (Harbin University of Science and Technology); [Guan, Yudong](#); [Li, Yan](#); [Wang, Ying](#) **Source:** *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 29, n SUPPL., April, 2008, p 152-155

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### **237. Simulation of response characteristics of non-linear insulating dielectrics in coaxial electrodes under the step voltage**

[Zhang, Rong](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology); [Li, Zhong-Hua](#); [Guo, Wen-Min](#); [Lu, Xiang](#) **Source:** *Gaodianya Jishu/High Voltage Engineering*, v 34, n 7, July, 2008, p 1363-1367 **Language:** Chinese

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### **238. Proposal of high quality walk-off compensated sum frequency generation of ultra-short pulses**

[Huang, Jin Jer](#) (Department of Optical Information Science and Technology, Harbin University of Science and Technology); [Chang, Yan Qin](#); [Shen, Tao](#); [Yang, Yu Qiang](#) **Source:** *Optics Communications*, v 281, n 20, Oct 15, 2008, p 5244-5248

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### **239. Study on computer emulation of PTFE's wearability improvement by Al<sup>3+</sup> ion implantation**

[Shao, Junpeng](#) (School of Mechanical Power and Engineering, Harbin University of Science and Technology); [Tang, Hui](#); [Zhang, Yanqin](#) **Source:** *Materials Science Forum*, v 575-578 PART 2, *Physical and Numerical Simulation of Materials Processing - Selected, peer reviewed papers from the 5th International Conference on Physical and Numerical Simulation of Materials Processing, ICPNS'07*, 2008, p 843-847

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### **240. Distributed data scheduling based on heuristic mechanism in wireless OFDMA networks**

[Sun, Li-Xin](#) (School of Measurement and Control Technology and Communication Engineering, Harbin University of Science and Technology); [Guo, Kun-Qi](#); [Yu, Xiao-Yang](#); [Jia, Shi-Lou](#); [Wang, Mu-Kun](#) **Source:** *Nanjing Li Gong Daxue Xuebao/Journal of Nanjing University of Science and Technology*, v 32, n 1, February, 2008, p 91-95 **Language:** Chinese

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### **241. An immunity-based model for dynamic distributed intrusion detection**

[Qiao, Peili](#) (Harbin University of Science and Technology); [Wang, Tong](#); [Su, Jie](#) **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 6973, *Data Mining, Intrusion Detection, Information Assurance, and Data Networks Security 2008*, 2008, p 69730P

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