

# 2010年EI Compendex 收录我校教师论文情况统计表

## (共246篇)

### 1. Design and simulation of the robot for ground smear scavenging

[Li, Dongjie](#) (Harbin University of Science and Technology, Harbin 150080, China); [Xiao, Wanzhe](#); [Wang, Jiabin](#); [You, Bo](#) Source: *Proceedings of the 29th Chinese Control Conference, CCC'10*, p 3695-3698, 2010, *Proceedings of the 29th Chinese Control Conference, CCC'10*

### 2. Study on the distribution of trap levels in PI by OPO laser

[He, Lijuan](#) (Harbin University of Science and Technology, Harbin, China); [Wang, Dongni](#); [Cao, Jinglei](#); [Zhao, Lei](#); [Wang, Xuan](#); [Lei, Qingquan](#) Source: *2010 Academic Symposium on Optoelectronics and Microelectronics Technology and 10th Chinese-Russian Symposium on Laser Physics and Laser Technology, RCSLPLT/ASOT 2010*, p 167-169, 2010, *2010 Academic Symposium on Optoelectronics and Microelectronics Technology and 10th Chinese-Russian Symposium on Laser Physics and Laser Technology, RCSLPLT/ASOT 2010*

### 3. Research on the rough cut of heavy pressure vessels

[Xu, Li](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); [He, Geng Huang](#); [Du, Hong Bin](#); [Cai, Zhao Hui](#) Source: *Advanced Materials Research*, v 129-131, p 276-279, 2010, *Material and Manufacturing Technology*

### 4. Research on modeling of ball-end cutter for virtual NC machining

[Ge, Jianghua](#) (Harbin University of Science and Technology, Heilongjiang Province 150080, China); [Zhang, Ping](#); [Sui, Xiulin](#); [Zhao, Ping](#) Source: *Applied Mechanics and Materials*, v 37-38, p 1050-1055, 2010, *Advances in Engineering Design and Optimization*

### 5. Excitation current of large hydro-generator and its influence factors

[Liang, Yan-Ping](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Hao, Fu-Gang](#); [Sun, Yang](#) Source: *Shenyang Gongye Daxue Xuebao/Journal of Shenyang University of Technology*, v 32, n 3, p 252-257, June 2010

### 6. Improved trust region based image reconstruction algorithm for electrical capacitance tomography system

[Wang, Lili](#) (Harbin University of Science and Technology, Harbin 150080, China); [Chen, Yu](#); [Chen, Deyun](#); [Yu, Xiaoyang](#) Source: *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 31, n 5, p 1076-1081, May 2010

### 7. Microwave absorption of BaLa<sub>0.5</sub>Fe<sub>11.5</sub>O<sub>19</sub>/SiO<sub>2</sub> nano-powders

[Han, Zhi-Dong](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Zhao, Qing-Rui](#); [Dong, Li-Min](#); [Wu, Ze](#); [Zhang, Xian-You](#) Source: *Advanced Materials Research*, v 105-106, n 1, p 380-382, 2010, *Chinese Ceramics Communications*

### 8. Study on static power characteristic of huge hydro-generator

[Ge, Baojun](#) (Harbin University of Science and Technology, Harbin, China); [Wang, Ming](#); [Lv, Yanling](#); [Fu, Yunqing](#) Source: *2010 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2010 - Proceedings*, 2010, *2010 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2010 - Proceedings*

### 9. Analysis of load characteristics for a 1000MW hydro-generator within considering saturation

[Ge, Baojun](#) (Harbin University of Science and Technology, Harbin, China); [Chen, Zengfen](#); [Lin, Peng](#); [Zhang,](#)

[Zhiqiang](#) Source: 2010 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2010 - Proceedings, 2010, 2010 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2010 - Proceedings

### **10. Image reconstruction based on weighted SVD truncation conjugate gradient algorithm for electrical capacitance tomography**

[Chen, Yu](#) (Harbin University of Science and Technology, Harbin 150080, China); [Gao, Bao-Qing](#); [Zhang, Li-Xin](#); [Chen, De-Yun](#); [Yu, Xiao-Yang](#) Source: *Guangxue Jingmi Gongcheng/Optics and Precision Engineering*, v 18, n 3, p 701-707, March 2010

### **11. Novel optical fiber sensor for deformation measurement**

[Di, Haiting](#) (Northeast Forestry University, College of Engineering and Technology, Harbin, 150040, China); [Sun, Suping](#); [Yu, Jiangqiang](#); [Liu, Rengqiang](#) Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 7656, n PART 1, 2010, *5th International Symposium on Advanced Optical Manufacturing and Testing Technologies: Optical Test and Measurement Technology and Equipment*

### **12. Continuous quantum immune clonal optimization and its application to calculation and analysis of electromagnetic in induction motor**

[Yin, Qiaoyu](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Li, Weili](#); [Cao, Junci](#) Source: *Proceedings - 2010 IEEE International Conference on Intelligent Computing and Intelligent Systems, ICIS 2010*, v 3, p 364-368, 2010, *Proceedings - 2010 IEEE International Conference on Intelligent Computing and Intelligent Systems, ICIS 2010*

### **13. Calculation of iron loss and stray losses for high-voltage induction motor using time-stepping finite element method**

[Liang, Yan-Ping](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Liu, Jin-Peng](#); [Chen, Jing](#) Source: *2010 International Conference on Mechanic Automation and Control Engineering, MACE2010*, p 4081-4084, 2010, *2010 International Conference on Mechanic Automation and Control Engineering, MACE2010*

### **14. Effect of extrusion ratio on microstructure and mechanical properties of AZ91D magnesium alloy recycled from scraps by hot extrusion**

[Hu, Mao-Liang](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Ji, Ze-Sheng](#); [Chen, Xiao-Yu](#) Source: *Transactions of Nonferrous Metals Society of China (English Edition)*, v 20, n 6, p 987-991, 2010

### **15. The influence of additional loss on rotor surface heat transfer coefficient and temperature field of large air-cooled hydro-generator**

[Li, Weili](#) (Harbin University of Science and Technology, No.23 SanDaDongLi Road, China); [Wang, Dongmei](#) Source: *Digests of the 2010 14th Biennial IEEE Conference on Electromagnetic Field Computation, CEFC 2010*, 2010, *Digests of the 2010 14th Biennial IEEE Conference on Electromagnetic Field Computation, CEFC 2010*

### **16. Research on cube-based Boolean operation in cellular semantic feature modeling system**

[Sun, Li-Juan](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, 150080, China); [Jin, Ying-Hao](#); [Sun, Da-Song](#) Source: *Information Technology Journal*, v 9, n 5, p 956-961, 2010

### **17. Research on D robust control of a class of uncertain sampled-data system**

[Wu, Junfeng](#) (Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Shi, Ping](#); [Li, Nan](#) Source: *2010 IEEE International Conference on Mechatronics and Automation, ICMA 2010*, p 6-11,

2010, 2010 IEEE International Conference on Mechatronics and Automation, ICMA 2010

### **18.An improvement algorithm of chaos sequence uniformization**

[Gao, Junshan](#) (School of Automation, Harbin University of Science and Technology, Harbin, 150080, China); [Sun, Baiyu](#); [Xie, Guihua](#) Source: 2010 2nd International Conference on Industrial and Information Systems, IIS 2010, v 1, p 523-526, 2010, 2010 2nd International Conference on Industrial and Information Systems, IIS 2010

### **19.Research on the precision grinding process of sapphire lens**

[Xu, Li](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); [He, Geng-Huang](#) Source: Proceedings - 2010 WASE International Conference on Information Engineering, ICIE 2010, v 3, p 96-99, 2010, Proceedings - 2010 WASE International Conference on Information Engineering, ICIE 2010

### **20.Freeform surface construction based on hexagonal grid subdivision**

[Sun, Li-Juan](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, Heilongjiang 150080, China); [Wang, Yue](#); [Yin, Ping](#) Source: Beijing Ligong Daxue Xuebao/Transaction of Beijing Institute of Technology, v 30, n 9, p 1070-1073, September 2010

### **21. Mathematical model for electrical characteristics of high intensity gaseous discharge lamp**

[Wei, Xinlao](#) (Harbin University of Science and Technology, Harbin 150080, China); [Li, Jiahui](#); [Wang, Yonghong](#); [Chen, Qingguo](#) Source: Diangong Jishu Xuebao/Transactions of China Electrotechnical Society, v 25, n 6, p 123-129, June 2010

### **22.Face recognition using 2DGabor mean values and local features fusion**

[Lin, Kezheng](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Xu, Ying](#); [Zhong, Yuan](#); [Xin, Chen](#) Source: Proceedings - 2010 3rd International Congress on Image and Signal Processing, CISP 2010, v 2, p 939-943, 2010, Proceedings - 2010 3rd International Congress on Image and Signal Processing, CISP 2010

### **23.Research on velocity influence on thermal deformation field of heavy hydrostatic thrust bearing**

[Yang, Xiaodong](#) (Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Shao, Junpeng](#); [Xu, Xiaoqi](#); [Wang, Yunfei](#); [Yin, Chao](#); [Jiang, Hui](#) Source: Advanced Materials Research, v 129-131, p 968-972, 2010, Material and Manufacturing Technology

### **24.Numerical simulation on oil-flow-state of gap oil film in sector cavity multi-pad hydrostatic thrust bearing**

[Yu, Xiaodong](#) (Harbin University of Science and Technology, Harbin, Heilongjiang, China); [Meng, Xiuli](#); [Jiang, Hui](#); [Lou, Xiaozhong](#); [Wu, Bo](#); [Xiang, Hongjun](#); [Sun, Xianzhu](#); [Yang, Changqing](#); [Wang, Junfeng](#) Source: Applied Mechanics and Materials, v 37-38, p 743-747, 2010, Advances in Engineering Design and Optimization

### **25.A web-based advertising content analysis platform**

[Dou, Rupeng](#) (School of Automation, Harbin University of Science and Technology, Harbin, 150080, China); [Wu, Junfeng](#); [Zhang, Shuwu](#); [Liang, Wei](#) Source: 2010 International Conference on Future Information Technology and Management Engineering, FITME 2010, v 2, p 72-75, 2010, 2010 International Conference on Future Information Technology and Management Engineering, FITME 2010

### **26.Effect of end air-inlet arrangement method on temperature field for air-cooled turbo-generator rotor**

[Lu, Yi-Ping](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology,

Heilongjiang Harbin 150080, China); [Deng, Hai-Yan](#); [Chen, Peng-Fei](#); [Feng, Fan](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 30, n 23, p 96-102, August 15, 2010

### **27. Calculation and analysis of electromagnetic in an induction motor based on continuous quantum ant colony optimization**

[Weili, Li](#) (Harbin University of Science and Technology, Harbin 150040, China); [Qiaoyu, Yin](#); [Xiaochen, Zhang](#) **Source:** *Digests of the 2010 14th Biennial IEEE Conference on Electromagnetic Field Computation, CEFC 2010*, 2010, *Digests of the 2010 14th Biennial IEEE Conference on Electromagnetic Field Computation, CEFC 2010*

### **28. FEM of saw tooth chip formation under different cutting edge**

[Yue, Caixu](#) (Harbin University of Science and Technology, China); [Liu, Xianli](#); [Zhai, Yuansheng](#); [Ji, Shengyuan](#); [Zhao, Xingfa](#) **Source:** *Key Engineering Materials*, v 431-432, p 417-420, 2010, *Machining and Advanced Manufacturing Technology X*

### **29. Grey incidence analysis on the performance of high speed milling cutter**

[Jiang, Bin](#) (Harbin University of Science and Technology, Harbin 150080, China); [Qi, Chang-Xing](#); [Nie, Jiang](#); [Chen, Guang-Chao](#) **Source:** *Journal of Harbin Institute of Technology (New Series)*, v 17, n SUPPL. 1, p 115-118, March 2010

### **30. Flow field analysis of new type ventilation method in one air-cooled turbo-generator rotor**

[Lu, Yi-Ping](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); [Chen, Peng-Fei](#); [Li, Jun-Ting](#); [Zhang, Xin](#); [Deng, Hai-Yan](#); [Han, Jia-De](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 30, n 6, p 63-68, February 25, 2010

### **31. Calculation and analysis of 3D temperature of the submersible motor based on coupled field**

[Meng, Da-Wei](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Liu, Yu-Lei](#); [Zhang, Qing-Jun](#); [Xu, Yong-Ming](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 14, n 1, p 52-55, January 2010

### **32. Influence research of velocity on lubricating properties of sector cavity multi-pad hydrostatic thrust bearing**

[Yu, Xiaodong](#) (Harbin University of Science and Technology, Harbin Heilongjiang, China); [Xiang, Hongjun](#); [Lou, Xiaozhong](#); [Meng, Xiuli](#); [Jiang, Hui](#); [Ji, Weidong](#); [Yang, Changqing](#); [Sun, Xianzhu](#) **Source:** *Advanced Materials Research*, v 129-131, p 1104-1108, 2010, *Material and Manufacturing Technology*

### **33. Study on contact friction between polishing disk and workpiece during face polishing with ANSYS**

[Xu, Xiaocun](#) (Harbin University of Science and Technology, Harbin 150080, China); [He, Yangang](#); [Xin, Xiangkai](#); [Lin, Bing](#) **Source:** *Advanced Materials Research*, v 135, p 139-142, 2010, *Surface Finishing Technology and Surface Engineering II*

### **34. Speech recognition applied in games**

[Wang, Yue](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China) **Source:** *2010 International Conference on Computational Intelligence and Software Engineering, CiSE 2010*, 2010, *2010 International Conference on Computational Intelligence and Software Engineering, CiSE 2010*

### **35. Multi-physical coupling calculation of 1000MW supercritical turbine generator**

[Weili, Li](#) (Harbin University of Science and Technology, Harbin 150040, China); [Chunwei, Guan](#); [Feiyang, Huo](#)  
**Source:** *Digests of the 2010 14th Biennial IEEE Conference on Electromagnetic Field Computation, CEFC 2010*, 2010, *Digests of the 2010 14th Biennial IEEE Conference on Electromagnetic Field Computation, CEFC 2010*

### **36. Optimization design method of high speed milling cutter based on axiomatic design**

[Jiang, Bin](#) (Harbin University of Science and Technology, 52 Xuefu Road, Harbin 150080, China); [Ming, Junjian](#); [Zhang, Wei](#); [Zheng, Minli](#) **Source:** *Key Engineering Materials*, v 431-432, p 314-317, 2010, *Machining and Advanced Manufacturing Technology X*

### **37. Identifying cracks in LY12 aluminum alloy plates based on nonlinear time reversal acoustics**

[Gao, Gui-Li](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Li, Da-Yong](#); [Dong, Jing-Wei](#); [Shi, De-Quan](#); [Teng, Fei](#) **Source:** *Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University*, v 31, n 3, p 395-399, March 2010

### **38. Segmented linear compensation method of Z-force sensor**

[Jiang, Dong](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Yang, Jiexiang](#) **Source:** *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 31, n 2, p 358-364, February 2010

### **39. Diagnosis technology research of mammographic masses in content-based image retrieval**

[Song, Li-Xin](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Wang, Qing-Yan](#); [Wang, Li](#) **Source:** *2010 4th International Conference on Bioinformatics and Biomedical Engineering, iCBBE 2010*, 2010, *2010 4th International Conference on Bioinformatics and Biomedical Engineering, iCBBE 2010*

### **40. Leakage inductance calculation and simulation research of extra-high voltage magnetically controlled shunt reactor**

[Liang, Yan-Ping](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Zhang, Fang](#); [Zhang, Hai-Ting](#); [An, Zhen](#) **Source:** *2010 International Conference on Mechanic Automation and Control Engineering, MACE2010*, p 4025-4028, 2010, *2010 International Conference on Mechanic Automation and Control Engineering, MACE2010*

### **41. Study on electrical braking of huge hydro-generator**

[Ge, Baojun](#) (Harbin University of Science and Technology, Harbin, China); [Fu, Yungqing](#); [Lv, Yanling](#); [Wang, Ming](#) **Source:** *2010 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2010 - Proceedings*, 2010, *2010 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2010 - Proceedings*

### **42. The analysis of x-ray diffraction by Al<sup>3+</sup> implanted polytetrafluorethylene**

[Zhao, Yuan](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Tang, Hui](#); [Wang, Feng C.](#) **Source:** *INEC 2010 - 2010 3rd International Nanoelectronics Conference, Proceedings*, p 1061-1062, 2010, *INEC 2010 - 2010 3rd International Nanoelectronics Conference, Proceedings*

### **43. Research on safety decline of high speed milling cutter**

[Jiang, Bin](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin



150080, China); [Zhang, Wei](#); [Zheng, Minli](#); [Yang, Yinjin](#) Source: *Advanced Materials Research*, v 97-101, p 2128-2131, 2010, *Manufacturing Science and Engineering I*

#### **44.Design of transducer structure parameters and materials characteristics analyses for electrical capacitance tomography system**

[Qin, Mei](#) (Harbin University of Science and Technology, Harbin 150080, China) Source: *Proceedings of SPIE - The International Society for Optical Engineering*, v 7528, 2010, *Proceedings of SPIE-IS and T Electronic Imaging - Color Imaging XV: Displaying, Processing, Hardcopy, and Applications*

#### **45.Role of schorl's electrostatic field in discoloration of methyl orange wastewater using schorl as catalyst in the presence of H2O 2**

[Xu, Huanyan](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Prasad, Murari](#); [Qi, Shuyan](#); [Li, Yan](#) Source: *Science China Technological Sciences*, v 53, n 11, p 3014-3019, November 2010

#### **46.Fuzzy logic control system with intelligent integrator for permanent magnet synchronous motor**

[Wang, Di](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Xu-Dong](#) Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 14, n 10, p 100-106, October 2010

#### **47.Research on velocity field and dynamic pressure effect of oil film of hydrostatic center rack**

[Shao, Jun-Peng](#) (Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Chao, Yin](#); [Bo, Wu](#); [Wang, Zhong-Wen](#); [Zhi, Huang](#); [Li, Chong](#) Source: *Advanced Materials Research*, v 129-131, p 1119-1123, 2010, *Material and Manufacturing Technology*

#### **48.The failure of VDMOS device caused by the mismatch of coefficient of thermal expansion**

[Yin, Jinghua](#) (Harbin University of Science and Technology, Harbin, 150080, China); [Xu, Dan](#); [Hua, Qing](#); [He, Yanqiang](#); [Song, Mingxin](#); [Cao, Yijiang](#) Source: *ICSICT-2010 - 2010 10th IEEE International Conference on Solid-State and Integrated Circuit Technology, Proceedings*, p 1716-1718, 2010, *ICSICT-2010 - 2010 10th IEEE International Conference on Solid-State and Integrated Circuit Technology, Proceedings*

#### **49.Design and simulation of fuzzy PID controller**

[Gao, Junshan](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Sun, Zhenhe](#); [Wang, Jian](#) Source: *2010 International Conference on E-Product E-Service and E-Entertainment, ICEEE2010*, 2010, *2010 International Conference on E-Product E-Service and E-Entertainment, ICEEE2010*

#### **50.Low velocity operation characteristics of servo platform of FRP pipe thread grinding machine**

[Xu, Jiazhong](#) (College of Automation, Harbin University of Science and Technology, Harbin, China); [Zhang, Liyong](#); [Wang, Xinying](#); [Qiao, Ming](#); [Yu, Ying](#) Source: *2010 International Forum on Strategic Technology, IFOST 2010*, p 220-224, 2010, *2010 International Forum on Strategic Technology, IFOST 2010*

#### **51.Research on intelligent control strategy of plasma cutting process**

[Jia, Deli](#) (Harbin University of Science and Technology, Harbin 150080, China); [He, Jinsong](#) Source: *2010 Chinese Control and Decision Conference, CCDC 2010*, p 3409-3413, 2010, *2010 Chinese Control and Decision Conference, CCDC 2010*

#### **52.Effects of aging on shearing strength and fracture surface characteristics of SnCuSb/Cu soldering joint**

[Meng, Gongge](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Li, Dan](#); [Li, Zhengping](#); [Wang, Yanpeng](#); [Chen, Leida](#) Source: *Hanjie Xuebao/Transactions of the China Welding Institution*, v 31, n 6, p 85-88, June 2010

### **53. The fabrication and properties of polyimide/silica-alumina hybrid film**

[Liu, Li-Zhu](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Weng, Ling](#); [Cui, Wei-Wei](#); [Zhu, Xing-Song](#); [Lei, Qing-Quan](#) Source: *Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering*, v 26, n 2, p 131-134, February 2010

### **54. Fuzzy control research of magnetic powder clutch based on variable learning factor particle swarm optimization**

[Wu, Xiaogang](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Wang, Xudong](#) Source: *2010 International Conference on Computer, Mechatronics, Control and Electronic Engineering, CMCE 2010*, v 4, p 117-120, 2010, *2010 International Conference on Computer, Mechatronics, Control and Electronic Engineering, CMCE 2010*

### **55. Research on springback characteristic and prediction accuracy control of advanced high strength steel**

[Liu, Xiaojing](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Zhang, Yanshen](#); [Qin, Haibin](#) Source: *2010 International Forum on Strategic Technology, IFOST 2010*, p 352-355, 2010, *2010 International Forum on Strategic Technology, IFOST 2010*

### **56. Dielectric characteristics of a one dimensional nano-material using PMMA stuff**

[Zhang, Dong](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Song, Wei](#); [He, Li-Juan](#); [Wang, Xuan](#); [Lei, Qing-Quan](#) Source: *Gaodianya Jishu/High Voltage Engineering*, v 36, n 6, p 1403-1406, June 2010

### **57. Study of PCBN cutting tools wear in high speed cutting hardened steel GCr15**

[Wang, Yu](#) (Harbin University of Science and Technology, Harbin 150080, China); [Zhai, Yuansheng](#); [Yan, Fugang](#); [Liu, Xianli](#) Source: *Key Engineering Materials*, v 431-432, p 245-248, 2010, *Machining and Advanced Manufacturing Technology X*

### **58. Design of wavelet neural network controller based on genetic algorithm**

[Song, Qing-Kun](#) (College of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Jian-Shuang](#); [Wang, Mu-Kun](#) Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 14, n 4, p 102-106, April 2010

### **59. Calculation of 3D temperature field of the Submersible motor based on FLUENT**

[Meng, Dawei](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, 150040 Harbin, China); [Liu, Yulei](#); [Zhang, Qingjun](#); [Xu, Yongming](#) Source: *2010 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2010 - Proceedings*, 2010, *2010 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2010 - Proceedings*

### **60. Gas-liquid combined multiple cut in high-speed WEDM**

[Wang, Tong](#) (Harbin University of Science and Technology, 52 Xuefu Road, Harbin, 150080, China); [Lu, Yumei](#); [Lü, Xianchong](#); [Wang, Sunfei](#); [Zhe, Jing](#) Source: *Advanced Materials Research*, v 97-101, p 4168-4171, 2010, *Manufacturing Science and Engineering I*

### **61.Preparation and properties of polylactide/nano-silica ITin situ/IT composites**

[Liu, Li-Zhu](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Ma, Hong-Jie](#); [Zhu, Xing-Song](#); [Fan, Yu-Jiang](#); [Jin, Zhen-Hao](#) Source: *Pigment and Resin Technology*, v 39, n 1, p 27-31, January 1, 2010

### **62.Research on simulation optimization and experiment of dynamica vibration absorption boring bar with damping**

[Qin, Bai](#) (Harbin University of Science and Technology, Harbin Heilongjiang Province, China); [Shao, Jun-Peng](#); [Bo, Zhang](#); [Ni, Yan](#); [Zhao, Yan-Jiang](#); [Han, Gui-Hua](#); [Zhang, Yan-Qin](#) Source: *Key Engineering Materials*, v 419-420, p 749-752, 2010

### **63.Comparison of various ventilation proposals for a large air-cooled turbo-generator rotor**

[Lu, Yi-Ping](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zheng, Guo-Li](#); [Feng, Fan](#); [Qin, Yu-Shu](#); [Han, Jia-De](#) Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 14, n 8, p 24-30, August 2010

### **64.Three-valued neural network test generation algorithm for multi-faults based on genetic optimization**

[Wu, Lihua](#) (School of Measurement-control Technology and Communication Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Xudong](#); [Shi, Fangfang](#); [Yang, Jieqiong](#) Source: *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 31, n 8, p 1744-1749, August 2010

### **65.Application of ant colony algorithm neural network in the starting process of DC motor used in electric vehicle**

[Wang, Xu-Dong](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); [Liu, Jin-Feng](#); [Zhang, Lei](#) Source: *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 30, n 24, p 95-100, August 25, 2010

### **66.The optimal design for the compound motor with double speeds**

[Xu, Yongming](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Meng, Daweil](#); [Wen, Jiabin](#) Source: *Proceedings - 2010 IEEE International Conference on Intelligent Computing and Intelligent Systems, ICIS 2010*, v 1, p 22-25, 2010, *Proceedings - 2010 IEEE International Conference on Intelligent Computing and Intelligent Systems, ICIS 2010*

### **67.A simplified SVPWM algorithm and its application simulation on motor control**

[Yu, Tengwei](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Ni, Ruixue](#); [Wang, Xudong](#); [Zhang, Bin](#) Source: *2010 International Forum on Strategic Technology, IFOST 2010*, p 156-160, 2010, *2010 International Forum on Strategic Technology, IFOST 2010*

### **68.Space charge distribution in low-density polyethylene (LDPE)/pumice composite**

[Han, Bai](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Sun, Zhi](#); [He, Li-Juan](#); [Wang, Xuan](#); [Lei, Qing-Quan](#) Source: *Gaodianya Jishu/High Voltage Engineering*, v 36, n 6, p 1398-1402, June 2010

### **69.Design of an automatic autonomous mini prone-cone microsatellite docking mechanism**

[Lai, Yinan](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology,



Harbin 150080, China); [Dai, Ye](#); [Tian, Hao](#); [Zhang, Dawei](#) Source: *Chinese Journal of Mechanical Engineering (English Edition)*, v 23, n 3, p 353-360, June 2010

### **70. Analysis for transmembrane voltage on bacterial membrane in pulsed electric field**

[Wei, Xin-Lao](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Li, Jia-Hui](#); [Yan, Er-Bao](#) Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 14, n 5, p 84-90, May 2010

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[Li, Peng](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Teng, Wen-Da](#) Source: *Proceedings - 2010 IEEE International Conference on Intelligent Computing and Intelligent Systems, ICIS 2010*, v 2, p 512-516, 2010, *Proceedings - 2010 IEEE International Conference on Intelligent Computing and Intelligent Systems, ICIS 2010*

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[KeZheng, Lin](#) (College of Computer Science and Technology, Harbin University of Science and Technology, China); [Ying, Xu](#); [Yuan, Zhong](#) Source: *2nd International Conference on Information Science and Engineering, ICISE2010 - Proceedings*, p 7624-7627, 2010, *2nd International Conference on Information Science and Engineering, ICISE2010 - Proceedings*

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### **144. The research of high-quality grinding technology of large-size Al 2O3 single-crystal slice**

[Xu, Li](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); [He, Geng-Huang](#) Source: *2010 International Conference on Mechanic Automation and Control Engineering, MACE2010*, p 6255-6257, 2010, *2010 International Conference on Mechanic Automation and Control Engineering, MACE2010*

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[Jiang, Dong](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology,

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[Yan, Zhe](#) (School of Automation, Harbin University of Science and Technology, Harbin Heilongjiang, 150080, China); [Zhang, Jiao](#); [Fan, Fei](#); [Che, Shutao](#); [Zhao, Hong](#) **Source:** *Proceedings of 2010 International Conference on Intelligent Control and Information Processing, ICICIP 2010*, n PART 2, p 102-105, 2010, *Proceedings of 2010 International Conference on Intelligent Control and Information Processing, ICICIP 2010*

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[Wen, Jia-Bin](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Yan, Hong-Yu](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 14, n 11, p 58-62+68, November 2010

#### **148.Optimal design based on improved simulated annealing algorithm for the induction motors with high-voltage**

[Meng, Dawei](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Xu, Yongming](#); [Wen, Jiabin](#) **Source:** *Proceedings - 2010 IEEE International Conference on Intelligent Computing and Intelligent Systems, ICIS 2010*, v 1, p 40-43, 2010, *Proceedings - 2010 IEEE International Conference on Intelligent Computing and Intelligent Systems, ICIS 2010*

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#### **150.Prediction of state of charge of lithium-ion rechargeable battery with electrochemical impedance spectroscopy theory**

[Li, Ran](#) (College of Automation, Harbin University of Science and Technology, Harbin Heilongjiang 150080, China); [Wu, Junfeng](#); [Wang, Haiying](#); [Li, Gechen](#) **Source:** *Proceedings of the 2010 5th IEEE Conference on Industrial Electronics and Applications, ICIEA 2010*, p 684-688, 2010, *Proceedings of the 2010 5th IEEE Conference on Industrial Electronics and Applications, ICIEA 2010*

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[Song, Wei](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Dong](#); [Yang, Chun](#); [Han, Bai](#); [Sun, Zhi](#); [He, Li-Juan](#); [Wang, Xuan](#); [Lei, Qing-Quan](#) **Source:** *Gaodianya Jishu/High Voltage Engineering*, v 36, n 7, p 1651-1656, July 2010

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[Wei, Jing-Wei](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Tan, Yong](#); [Zhang, Hong-Yu](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 14, n 5, p 44-48+55, May 2010

#### **153.Dynamic simulation analysis of powerformer under loss of excitation**

[Ge, Bao-Jun](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology,



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[Liu, Jinfeng](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Xudong](#); [Wang, Di](#); [Jiang, Nan](#) Source: *2010 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2010 - Proceedings, 2010, 2010 Asia-Pacific Power and Energy Engineering Conference, APPEEC 2010 - Proceedings*

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[Sun, Qing](#) (Department of Management, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Wang, Dawei](#) Source: *Proceedings of the International Conference on E-Business and E-Government, ICEE 2010*, p 1116-1119, 2010, *Proceedings of the International Conference on E-Business and E-Government, ICEE 2010*

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[Li, Lanying](#) (Department of Computer Science and Technology, Harbin University of Science and Technology, Harbin, 150080, China); [Song, Yanbo](#); [Gao, Ming](#) Source: *2nd International Conference on Information Science and Engineering, ICISE2010 - Proceedings, 2010, 2nd International Conference on Information Science and Engineering, ICISE2010 - Proceedings*

### **158.Hydrothermal synthesis of two Anderson POM-supported transition metal organic-inorganic compounds**

[Ma, Hui-yuan](#) (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin, 150080, China); [Wu, Li-zhou](#); [Pang, Hai-jun](#); [Meng, Xin](#); [Peng, Jun](#) Source: *Journal of Molecular Structure*, v 967, n 1-3, p 15-19, April 1, 2010

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[Sun, Yongguo](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology, Harbin 150080, China); [Sun, Yongquan](#); [Ding, Xibo](#); [Yang, Bin](#); [Zhao, Haiqiu](#) Source: *2010 IEEE International Conference on Mechatronics and Automation, ICMA 2010*, p 908-912, 2010, *2010 IEEE International Conference on Mechatronics and Automation, ICMA 2010*

### **160.An thin film of the di-decatungstosilicate with a tetra-ruthenium(IV)-oxo core and its electrochemical properties**

[Ma, Huiyuan](#) (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Shi, Shilin](#); [Zhang, Zhijing](#); [Pang, Haijun](#); [Zhang, Yeqiong](#) Source: *Journal of Electroanalytical Chemistry*, v 648, n 2, p 128-133, October 1, 2010

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[Shen, Yuewu](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Sun, Guanglu](#); [Qi, Haoliang](#); [He, Xiaoning](#) **Source:** *Proceedings - 2010 International Conference on Asian Language Processing, IALP 2010*, p 142-145, 2010, *Proceedings - 2010 International Conference on Asian Language Processing, IALP 2010*

### **163.Rule self-tuning fuzzy-PID controller of electro-hydraulic position servo system**

[Shao, Jun-Peng](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Zhong-Wen](#); [Li, Jian-Ying](#); [Han, Gui-Hua](#) **Source:** *Zhongnan Daxue Xuebao (Ziran Kexue Ban)/Journal of Central South University (Science and Technology)*, v 41, n 3, p 960-965, June 2010

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[Song, Xin](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology, Harbin, 150080, China); [Xiang, Jing Zhong](#); [Zhang, Jia Zhen](#) **Source:** *Advanced Materials Research*, v 97-101, p 2748-2751, 2010, *Manufacturing Science and Engineering I*

### **165.Delay-dependent stabilization for delay stochastic differential systems with Markov jumping parameters based on SLQ controllers**

[Li, Ying Fan](#) (Department of Applied Mathematics, Harbin University of Science and Technology, Harbin, China); [Liu, Hong Liang](#); [Duan, Guang Ren](#); [Wu, Jun Feng](#) **Source:** *Proceedings of the World Congress on Intelligent Control and Automation (WCICA)*, p 1528-1532, 2010, *2010 8th World Congress on Intelligent Control and Automation, WCICA 2010*

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[Xu, Hong-Yu](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Ji, Ze-Sheng](#); [Hu, Mao-Liang](#); [Wang, Zhen-Yu](#) **Source:** *Transactions of Nonferrous Metals Society of China (English Edition)*, v 20, n SUPPL. 3, p s749-s753, September 2010

### **167.Experiment research of cutter edge and cutting parameters influence on machined surface roughness for high speed milling hardened steel**

[Zhang, Wei](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zheng, Minli](#); [Cheng, Mingming](#); [Wan, Quan](#) **Source:** *Advanced Materials Research*, v 136, p 86-90, 2010, *Frontier in Functional Manufacturing Technologies*

### **168.A novel image reconstruction algorithm based on Nonlinear Least-Squares for electrical capacitance tomography system**

[Chen, Yu](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Chen, Deyun](#); [Wang, Lili](#); [Yu, Xiaoyang](#) **Source:** *Gaojishu Tongxin/Chinese High Technology Letters*, v 20, n 2, p 163-167, February 2010

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[Wu, Bo](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Shao, Junpeng](#); [Wu, Shenglin](#); [Zhao, Keding](#) **Source:** *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, v 46, n 3, p 29-34, 2010

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[Shao, Jun-Peng](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province 150080, China); [Li, Jian-Ying](#); [Wang, Zhong-Wen](#); [Han, Gui-Hua](#) Source: *Advanced Materials Research*, v 129-131, p 213-217, 2010, *Material and Manufacturing Technology*

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[Ma, Xu-Liang](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Xiang](#); [Li, Xin-Lin](#); [Yang, Lei](#) Source: *Transactions of Nonferrous Metals Society of China (English Edition)*, v 20, n SUPPL. 2, p s397-s401, July 2010

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[Chen, Guangjun](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology, Harbin, Heilongjiang, 150080, China); [Liu, Xianli](#); [Yue, Caixu](#) Source: *Advanced Materials Research*, v 97-101, p 1875-1878, 2010, *Manufacturing Science and Engineering I*

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[Zhao, Hui](#) (Department of Applied Mathematics, Harbin University of Science and Technology, Harbin 150080, China); [Chen, Dong-Yan](#); [Hu, Jun](#) Source: *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 14, n 6, p 89-97, June 2010

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[Chen, Guang-Jun](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology, Harbin 150080, China); [Liu, Xian-Li](#); [Yue, Cai-Xu](#); [Guo, Kai](#); [Wang, Yan-Xin](#) Source: *Journal of Harbin Institute of Technology (New Series)*, v 17, n SUPPL. 1, p 157-159, March 2010

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[Shi, Wu](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Kheidorov, Igor](#) Source: *Proceedings - 2010 6th International Conference on Natural Computation, ICNC 2010*, v 6, p 3323-3328, 2010, *Proceedings - 2010 6th International Conference on Natural Computation, ICNC 2010*

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[Zhang, Hong](#) (Department of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Liu, Boya](#) Source: *2010 International Forum on Strategic Technology, IFOST 2010*, p 172-176, 2010, *2010 International Forum on Strategic Technology, IFOST 2010*

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[Wen, Lihua](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, 4 Linyuan Road, Harbin 150040, China); [Ji, Zesheng](#); [Li, Xiaoliang](#); [Xin, Mingde](#) **Source:** *Journal of Materials Engineering and Performance*, v 19, n 1, p 107-111, February 2010

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[Wang, Zhen-Yu](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Ji, Ze-Sheng](#); [Sun, Li-Xin](#); [Xu, Hong-Yu](#) **Source:** *Transactions of Nonferrous Metals Society of China (English Edition)*, v 20, n SUPPL. 3, p s744-s748, September 2010

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[Zhang, Guiling](#) (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Qin, Yue](#); [Zhang, Hui](#); [Shang, Yan](#); [Sun, Miao](#); [Liu, Bo](#); [Li, Zesheng](#) **Source:** *Journal of Physical Chemistry C*, v 114, n 20, p 9469-9477, May 27, 2010

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[Zhang, Guiling](#) (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Yuan, Hongliang](#); [Zhang, Hui](#); [Shang, Yan](#); [Sun, Miao](#); [Liu, Bo](#); [Li, Zesheng](#) **Source:** *Science China Chemistry*, v 53, n 12, p 2571-2580, December 2010

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[Sun, Yong-Quan](#) (Institute of Sensor and Reliability Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang 150080, China); [Guo, Jian-Ying](#); [Sun, Yong-Guo](#); [Yu, Chun-Yu](#); [Ding, Xi-Bo](#) **Source:** *Beijing Ligong Daxue Xuebao/Transaction of Beijing Institute of Technology*, v 30, n 9, p 1131-1134, September 2010

### **188.Tensile properties and fracture mechanisms of ZnO and ZnAl<sub>2</sub>O<sub>4</sub>-coated Al<sub>18</sub>B<sub>4</sub>O<sub>33</sub> whisker reinforced aluminum composites**

[Yue, H.Y.](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Yu, Z.M.](#); [Guo, E.J.](#); [Wang, L.P.](#); [Sun, F.L.](#) **Source:** *Materials Characterization*, v 61, n 5, p 542-547, May 2010

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[Li, Xi-Bing](#) (Department of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Tang, Yong](#); [Li, Yong](#); [Zhou, Shu-Zhang](#); [Zeng, Zhi-Xin](#) **Source:** *Journal of Central South University of Technology (English Edition)*, v 17, n 1, p 102-109, February 2010

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[Jiang, Yue](#) (College of Applied Science, Harbin University of science and Technology, Harbin 150080, China) **Source:** *Cailiao Kexue yu Gongyi/Material Science and Technology*, v 18, n 4, p 571-574, August 2010

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[Li, Ran](#) (Dept. of Automation, Harbin University of Science and Technology, Harbin, China); [Wu, Junfeng](#); [Wang, Haiying](#); [Li, Gechen](#) **Source:** *2010 International Forum on Strategic Technology, IFOST 2010*, p 326-329, 2010, *2010 International Forum on Strategic Technology, IFOST 2010*

### **192.Investigation on the morphology and properties of PI/SiO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub> composite films**

[Liu, Lizhu](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Yang, Liqian](#); [Weng, Ling](#); [Lin, Jiaqi](#) **Source:** *2010 International Forum on Strategic Technology, IFOST 2010*, p 330-333, 2010, *2010 International Forum on Strategic Technology, IFOST 2010*

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[Zhang, Hongwu](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Linyuan Road, 150040 Harbin, China); [Sun, Fenglian](#); [Liu, Yang](#) **Source:** *Proceedings - 2010 11th International Conference on Electronic Packaging Technology and High Density Packaging, ICEPT-HDP 2010*, p 254-257, 2010, *Proceedings - 2010 11th International Conference on Electronic Packaging Technology and High Density Packaging, ICEPT-HDP 2010*

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[Gao, Junshan](#) (Department of Automation, Harbin University of Science and Technology, Harbin, 150080, China); [Zhang, Yixiang](#); [Wu, Bo](#) **Source:** *2010 International Conference on E-Product E-Service and E-Entertainment, ICEEE2010*, 2010, *2010 International Conference on E-Product E-Service and E-Entertainment, ICEEE2010*

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[Zhang, Juni](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Dong, Li-Min](#); [Jiang, Jian-Xin](#); [Zhang, Xian-You](#) **Source:** *Faguang Xuebao/Chinese Journal of Luminescence*, v 31, n 1, p 131-136, February 2010

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[Wang, Haiying](#) (Dept. of Automation, Harbin University of Science and Technology, Harbin, China); [Hou, Jie](#); [Zhang, Hongyong](#) **Source:** *Proceedings - 2010 6th International Conference on Natural Computation, ICNC 2010*, v 3, p 1131-1134, 2010, *Proceedings - 2010 6th International Conference on Natural Computation, ICNC 2010*

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### **198. The effects of coupling agents on the properties of polyimide/nano-Al<sub>2</sub>O<sub>3</sub> Three-layer hybrid films**

[Liu, Lizhu](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Weng, Ling](#); [Song, Yuxia](#); [Gao, Lin](#); [Lei, Qingquan](#) Source: *Journal of Nanomaterials*, v 2010, 2010

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[Huang, Jin-Jie](#) (Department of Automation, Harbin University of Science and Technology, Harbin, China); [Jiang, Yong-Fu](#); [Cheng, Guang-Ming](#); [Sun, Guo-Bing](#) Source: *2010 International Forum on Strategic Technology, IFOST 2010*, p 337-342, 2010, *2010 International Forum on Strategic Technology, IFOST 2010*

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[Liu, Xian-Li](#) (The Key Laboratory of Advanced Manufacturing Tech. and Cutting Tools, Harbin Univ. of Sci. and Tech., Harbin 150080, China); [Yue, Cai-Xu](#); [Ji, Sheng-Yuan](#); [Zhao, Xing-Fa](#); [Guo, Kai](#) Source: *Journal of Harbin Institute of Technology (New Series)*, v 17, n SUPPL. 1, p 193-196, March 2010

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[Xu, Li](#) (Mechanical Power and Engineering College, Harbin University of Science and Technology, Harbin, China); [Wang, Zhen-Bo](#); [Shan, Zhi-Min](#); [Wang, Chun-Feng](#); [Du, Hong-Bin](#); [Yu, Jing](#) Source: *Proceedings - 2010 WASE International Conference on Information Engineering, ICIE 2010*, v 3, p 100-103, 2010, *Proceedings - 2010 WASE International Conference on Information Engineering, ICIE 2010*

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[Tong, Ziquan](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrum. of Heilongjiang Province, Harbin University of Science and Technology, Harbin, China); [Gai, Jianxin](#); [Wang, Chuanzong](#) Source: *2010 International Forum on Strategic Technology, IFOST 2010*, p 213-215, 2010, *2010 International Forum on Strategic Technology, IFOST 2010*

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[Tong, Rui-Peng](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrum. of Heilongjiang Province, Harbin University of Science and Technology, Harbin 150040, China); [Zhao, Di](#) Source: *2010 International Conference on Computational Intelligence and Software Engineering, CiSE 2010*, 2010, 2010

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[Yue, Cai-Xu](#) (The Key Laboratory of Advanced Manufacturing Tech. and Cutting Tools, Harbin Univ. of Sci. and Tech., Harbin 150080, China); [Liu, Xian-Li](#); [Chen, Guang-Jun](#); [Wang, Yan-Xin](#); [Ji, Sheng-Yuan](#) **Source:** *Journal of Harbin Institute of Technology (New Series)*, v 17, n SUPPL. 1, p 224-227, March 2010

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[Wang, Z.G.](#) (Mechanical Engineering Department, Harbin University of Science and Technology, Harbin, Heilongjiang, 150080, China); [Zhao, P.](#); [Li, Z.J.](#) **Source:** *Key Engineering Materials*, v 426-427, p 102-105, 2010, *Functional Manufacturing Technologies and Ceeusro I*

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[Huang, Jin Jer](#) (Department of Optical Information Science and Technology, Harbin University of Science and Technology, PO Box 130, West Campus 150080, China); [Zhang, Liu Yang](#) **Source:** *Journal of Physics B: Atomic, Molecular and Optical Physics*, v 43, n 17, September 14, 2010

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[Huang, Jinjer](#) (Department of Optical Information Science and Technology, Harbin University of Science and Technology, Harbin, Heilongjiang 150080, China); [Mao, Beili](#); [Dai, Han](#); [Shen, Tao](#); [Zhang, Liuyang](#) **Source:** *Guangxue Xuebao/Acta Optica Sinica*, v 30, n 9, p 2634-2638, September 2010 **Language:** Chinese

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[Wang, Yi-Wen](#) (Machinery Industry Key Laboratory of Cutting Chip Control and High Efficiency Tool Technology, Harbin University of Science and Technology, Harbin 150080, China); [Lin, Yong-Zhi](#); [Zhao, Yan-Ling](#); [Liu, Yi-Zhi](#); [Liu, Xian-Li](#); [Han, Hai-Ying](#) **Source:** *Journal of Harbin Institute of Technology (New Series)*, v 17, n SUPPL. 1, p 213-216, March 2010

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[Sun, Xiaojun](#) (School of Chemistry and Environmental Engineering, Harbin University of Science and Technology, No. 4 Linyuan Road, Xiangfang District, Harbin, Heilongjiang, China); [Liu, Hui](#); [Dong, Jinghao](#); [Wei, Jinzhi](#); [Zhang, Yan](#) **Source:** *Catalysis Letters*, v 135, n 3-4, p 219-225, April 2010

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[Lei, Qing-Quan](#) (Key Laboratory of Engineering Dielectric and Its Application, Ministry of Education, Harbin University of Science and Technology, Heilongjiang Harbin 150040, China); [Shi, Lin-Shuang](#); [Tian, Fu-Qiang](#); [Yang, Chun](#); [He, Li-Juan](#); [Wang, Yi](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 30, n 13, p 109-114, May 5, 2010

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[Sun, Xiaojun](#) (School of Chemistry and Environmental Engineering, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang District, Harbin, Heilongjiang 150040, China); [Liu, Hui](#) **Source:** *Catalysis Letters*, v 140, n 3-4, p 151-152, December 2010

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[Wang, Xu-Dong](#) (School of Electrical and Electric Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Si-Yan](#); [Yu, Teng-Wei](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 14, n 12, p 63-67+74, December 2010

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