

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_{0.5}Fe_{11.5}O₁₉/SiO₂ 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 Al³⁺ 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 H₂O₂

[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*

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[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*

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[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*

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[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

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[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

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[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

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[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

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

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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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[Guo, Wen-Min](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Han, Bao-Zhong](#); [Li, Zhong-Hua](#) Source: *Gongneng Cailiao/Journal of Functional Materials*, v 41, n 3, p 436-438, March 2010

72. Comprehensively optimizing usability of new slag system basic electrode

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