

2012 我校师生论文被 EI 收录情况（共计 562 篇）

1. Feature dimension reduction of NaXi pictographs characters recognition based on LDA

[Guo, Hai](#) (Harbin University of Science and Technology, Harbin, 150001, China); [Yin, Jinghua](#); [Zhao, Jingying](#) **Source:** *International Journal of Computer Science Issues*, v 9, n 6 6-1, p 90-96, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

2. Optimization of CHARMM force field parameters for the chalcone fragment

[Zhang, Hui](#) (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Yao, Yuan](#); [Qi, Xiaoli](#); [Li, Zesheng](#) **Source:** *Science China Chemistry*, v 55, n 12, p 2580-2586, December 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

3. Experimental study of the nonlinear characteristics of vibration in milling chatter

[Wu, Shi](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); [Liu, Xianli](#); [Xiao, Fei](#) **Source:** *Zhendong Ceshi Yu Zhenduan/Journal of Vibration, Measurement and Diagnosis*, v 32, n 6, p 935-940, December 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

4. Design to phase measurement profilometry on grating projection system

[Xu, Jie](#) (Heilongjiang Institute of Science and Technology, Harbin University of Science and Technology, Haerbin 150027, Heilongjiang, China); [Xu, Jun](#); [Yu, Xiaoyang](#) **Source:** *2012 IEEE 5th International Conference on Advanced Computational Intelligence, ICACI 2012*, p 1069-1071, 2012, *2012 IEEE 5th International Conference on Advanced Computational Intelligence, ICACI 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

5. Photoelectric performance of polyphosphazenes grafted functional group

[Zhang, Wen-Long](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Zhao, Cheng-Long](#); [Jiang, Qiang](#); [Qiao, Si-Yi](#); [Jiang, Wen-Ying](#); [Wang, Xuan](#) **Source:** *Gongneng Cailiao/Journal of Functional Materials*, v 43, n 24, p 3386-3388+3392, December 30, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

6. Study on embedded software applied to vehicle intelligent monitoring system

[Hong, Ai](#) (Dept. of Automation, Harbin University of Science and Technology, HUST, Harbin, China); [Shuai, Guo](#); [Peng, Liu](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 762-766, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

7. **Dielectric properties of epoxy/Al₂O₃ nanocomposites derived from Al₂O₃ nanoparticles**

[Zhou, Hong](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Sun, Xuedan](#); [Fan, Yong](#); [Dang, Zhimin](#); [Zha, Junwei](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

8. **A localization algorithm for miners underground of coal mines based on ZigBee technology**

[Zhang, Hong](#) (Department of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Liu, Xuhui](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

9. **The study about feature selection of analog circuit fault diagnosis based on annealing genetic hybrid algorithm**

[Lin, Haijun](#) (Harbin University of Science and Technology, Harbin, China); [Fu, Yao](#); [Xu, Zhicheng](#); [Zhang, Xuhui](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

10. **Parameters estimator of GARCH(1,1) process with heavy tailed errors**

[Chen, Hailong](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [You, Chengji](#); [Chen, Deyun](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

11. **Generation of a hollow laser beam by a liquid-core optical fiber**

[Hu, Xiaobo](#) (Department of Optics Information Science and Technology, Harbin University of Science and Technology, Harbin, Heilongjiang 150080, China); [Liu, Shengnan](#); [Gao, Wei](#); [Sun, Di](#); [Zhang, Hongying](#); [Zhang, Liuyang](#) **Source:** *Zhongguo Jiguang/Chinese Journal of Lasers*, v 39, n 11, November 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

12. **Spheroidal microstructure formation and thixoforming of AM60B magnesium alloy prepared by SIMA process**

Wang, Li-Ping (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Jiang, Wen-Yong; Chen, Tian; Feng, Yi-Cheng; Zhou, Hong-Yu; Zhao, Si-Cong; Liang, Zhen-Qiang; Zhu, Yan **Source:** *Transactions of Nonferrous Metals Society of China (English Edition)*, v 22, n SUPPL.2, p s435-s444, December 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

13. **Multifocus image fusion based on nonsubsampling contourlet transform**

Wang, Aili (Higher Educ. Key Lab. for Measuring and Control Technology and Instrumentations of Heilongjiang, Harbin University of Science and Technology, Harbin, China); Qi, Changyan; Han, Yuhui; Liu, Xusheng **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

14. **Preparation of ultra-fine Ba_{0.5}Sr_{0.5}Fe₁₂O₁₉ nanopowders derived from chemical co-precipitation method**

Wu, Ze (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); Zhang, Junli; Bashkirov, L.A.; Dong, Limin; Han, Zhidong; Zhang, Xianyou **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#)

15. **Adaptive algorithm for cooperative MIMO system**

Han, Yuhui (Higher Educ. Key Lab. for Measuring and Control Technology and Instrumentations of Heilongjiang, Harbin University of Science and Technology, Harbin, China); Wang, Aili; Li, Guodong **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

16. **Research on temperature field of hydrostatic thrust bearing with annular cavity multi-pad**

Yu, Xiao-Dong (Harbin University of Science and Technology, Harbin Heilongjiang Province, China); Meng, Xiu-Li; Bo, Wu; Gao, Chun-Li; Qiu, Zhi-Xin; Zhang, Yan-Qin; Hui, Jiang; Lou, Xiao-Zhong; Shi, Zhi-Min **Source:** *Applied Mechanics and Materials*, v 121-126, p 3477-3481, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

17. Preparation of high-dielectric-constant Ag@Al₂O₃/polyimide composite films for embedded capacitor applications

Liu, L.Z. (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, 150080, China); Gao, X.H.; Weng, L.; Shi, H.; Wang, C. **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

18. Research on torque distribution strategy for ISG hybrid electric cars

Wang, Xudong (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang, China); Zhang, Haixing; Yang, Shucai; Zhou, Yongqin; Liu, Jinfa **Source:** *Advanced Materials Research*, v 546-547, p 212-217, 2012, *Electrical Insulating Materials and Electrical Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

19. Structure characteristics and dielectric properties of PI/MMT nanocomposite films

Yin, Jinghua (School of Applied Science, Harbin University of Science and Technology, Harbin, 150080, China); Bu, Wenbin; Tian, Fuqiang; Chen, Minghua; Kong, Yunan; Liu, Xiaoxu; Li, Guang; Lei, Qingquan **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

20. Construction of flow stress constitutive equation for 3cr1mo0.25v steel

Zhang, Yu Hua (Engineering Training Center of Harbin University of Science and Technology, Harbin 150080, China); Yutan, Guang; Yang, Shu Cai **Source:** *Advanced Materials Research*, v 567, p 244-249, 2012, *Metallurgy Technology and Materials*

Database: Compendex

[Abstract](#) | [Detailed](#) |

21. Research on decoupling control strategy for interior permanent magnet synchronous motor in flux-weakening region

Mao, Liangliang (College of Electrical and Electronic Engineer, Harbin University of Science and Technology, Harbin, Heilongjiang, China); Wang, Xudong; Zhou, Meilan; Zhang, Yanming; Liu, Jinfa **Source:** *Advanced Materials Research*, v 546-547, p 313-319, 2012, *Electrical Insulating Materials and Electrical Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

22. **Curing kinetics and dielectric properties of epoxy based nanocomposites**

[Zhao, H.C.](#) (School of Material Science and Engineer, Harbin University of Science and Technology, Harbin 150040, China); [Zhang, X.Y.](#); [Han, Z.D.](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

23. **Analysis of physical condition of aero-engines based on flight data**

[Li, Y.Y.](#) (Harbin University of Science and Technology, Harbin, Heilongjiang, 150080, China); [Tan, G.Y.](#); [Cheng, Y.L.](#); [Cheng, F.C.](#) **Source:** *Materials Science Forum*, v 697-698, p 560-565, 2012, *Advances in Materials Manufacturing Science and Technology XIV*

Database: Compendex

[Abstract](#) | [Detailed](#) |

24. **The application of ALOHA algorithm to anticollision of RFID tags**

[Zhong, Weifeng](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Chen, Jinjin](#); [Wu, Liguo](#); [Pan, Mingyu](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 717-720, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

25. **Drawing process of tailor welded blank car center pillar based on FEA**

[Liu, Xiao-Jing](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Liu, Peng-Hui](#); [Qin, Hai-Bin](#); [Li, Feng](#); [Wang, Cong](#) **Source:** *Zhongnan Daxue Xuebao (Ziran Kexue Ban)/Journal of Central South University (Science and Technology)*, v 43, n 8, p 2973-2978, August 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

26. **Research on FBG pressure sensor of flat diaphragm structure**

[Xiong, Yanling](#) (School of Applied Science, Harbin University of Science and Technology, Harbin 150080, China); [He, Jing](#); [Yang, Wenlong](#); [Sheng, Linwen](#); [Gao, Wei](#); [Chen, Yang](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 787-790, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

27. **Attractors of hybrid magnetic levitation ball system and stability research**

[Ma, Feng-Lian](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Jiang, Dong](#); [Zhang, Xiang](#); [Yang, Jia-Xiang](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 8, p 11-16, August 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

28. A study on the control methods based on 3-DOF helicopter model

[Gao, Junshan](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Xu, Xinghu](#); [He, Chen](#) **Source:** *Journal of Computers (Finland)*, v 7, n 10 SPL.ISS., p 2526-2533, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

29. Cyclical behavior of lead-free BGA soldered joints based on nano-indentation method

[Liu, Meina](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Wang, Lifeng](#); [Lü, Ye](#); [Dai, Hongbin](#); [Yang, Wenxuan](#) **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 33, n 9, p 69-72, September 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

30. Validity of three engineering models for fatigue crack growth rate affected by compressive loading in LY12M aluminum alloy

[Song, Xin](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Li, Hong-Ping](#); [Shao, Jun-Peng](#); [Zhang, Jia-Zhen](#); [Wang, Ya-Hui](#); [Yu, Xiao-Dong](#) **Source:** *Transactions of Nonferrous Metals Society of China (English Edition)*, v 22, n SUPPL. 1, p s27-s32, October 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

31. A novel approach to hardware/software partitioning for reconfigurable embedded systems

[Cui, Linhai](#) (School of Software, Harbin University of Science and Technology, Harbin, China) **Source:** *Journal of Computers (Finland)*, v 7, n 10 SPL.ISS., p 2518-2525, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

32. The key process technology research of open impeller processing

[Guo, Kai](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology, Harbin 150080, China); [Liu, Xianli](#); [Jiang, Z.P.](#); [Li, W.D.](#); [Huang, J.C.](#) **Source:** *Materials Science Forum*, v 723, p 450-455, 2012, *High Speed Machining V*

Database: Compendex

[Abstract](#) | [Detailed](#) |

33. Study on improved Rijndael encryption algorithm based on prefix code

[Xie, Zhiqiang](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Gao, Pengfei](#); [He, Yujing](#); [Yang, Jing](#) **Source:** *Advances in Intelligent and Soft Computing*, v 169 AISC, n VOL. 2, p 485-491, 2012, *Advances in Computer Science and Information Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

34. Predicting range of chip breaking of 3D complex groove turning inserts with neural networks

[Feng, Xinmin](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); [Tan, Guangyu](#) **Source:** *Materials Science Forum*, v 723, p 148-152, 2012, *High Speed Machining V*

Database: Compendex

[Abstract](#) | [Detailed](#) |

35. A novel classification algorithm based on rough sets and RVM classifier

[Jia, Hongyu](#) (Harbin University of Science and Technology, Harbin 150080, China) **Source:** *International Journal of Digital Content Technology and its Applications*, v 6, n 11, p 116-123, June 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(2\)](#) |

36. Proof of improved fast algorithm of haar-like feature value and using in non-square face image

[Wu, Junfeng](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Guo, Lei](#) **Source:** *Journal of Nanoelectronics and Optoelectronics*, v 7, n 2, p 229-233, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

37. Exploration of practice teaching reformation in higher education

[Shi, Dequan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang 150040, China); [Gao, Guili](#); [Kang, Fuwei](#); [Li, Dayong](#) **Source:** *Advances in Intelligent and Soft Computing*, v 165 AISC, p 465-471, 2012, *Advances in Technology and Management - Proceedings of the 2012 International Conference on Technology and Management, ICTAM 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

38. Envelope extraction of anaesthesia breathing sound signal on Hilbert Huang Transform

[Liu, Lu](#) (School of Computer Science and Technology, Harbin University of Science and Technology, 52 XueFu Road, Harbin 150080, China); [Ma, Siming](#); [Feng, Shaohua](#); [Jiang, Yanyan](#); [Ma, Jianwei](#); [Zhang, Bin](#) **Source:** *Procedia Engineering*, v 29, p 2693-2698, 2012, *2012 International Workshop on Information and Electronics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

39. Design of lower stress and flexible CCGA solder joints and reliability expectancy

[Zhao, Zhili](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Sun, Fenglian](#); [Wang, Lifeng](#); [Tian, Chongjun](#) **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 33, n 1, p 53-56, January 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

40. **Collinear phase-matching loci of LBO crystal in three-wave interactions**

[Shen, Tao](#) (Department of Optical Informational Science and Technology, Harbin University of Science and Technology, West Campus, P.O. Box 130, 150080 Harbin, China); [Huang, Jin Jer](#); [Zhang, Liu Yang](#); [Yang, Yu Qiang](#); [Gao, Wei](#) **Source:** *Optik*, v 123, n 4, p 333-337, February 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

41. **Influence of main insulation thermal aging on stator temperature field in large**

turbo-generator

[Li, Wei-Li](#) (Harbin University of Science and Technology, College of Electrical and Electronic Engineering, Harbin, China); [Wu, Zhen-Xing](#); [Huo, Fei-Yang](#) **Source:** *Advanced Materials Research*, v 433-440, p 7505-7510, 2012, *Materials Science and Information Technology, MSIT2011*

Database: Compendex

[Abstract](#) | [Detailed](#) |

42. **Wireless communications radiation monitoring system based on ZigBee and GPRS**

[Wang, Xiaoyu](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Zhaoguo](#); [Xu, Liyuan](#); [Chen, Deyun](#) **Source:** *Advanced Materials Research*, v 403-408, p 1956-1959, 2012, *MEMS, NANO and Smart Systems*

Database: Compendex

[Abstract](#) | [Detailed](#) |

43. **Analysis of starting process for medium-sized induction motors with high-voltage**

[Xia, Yunyan](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Meng, Dawei](#); [Xu, Yongming](#); [Lu, Yufeng](#) **Source:** *Lecture Notes in Electrical Engineering*, v 135 LNEE, p 51-57, 2012, *Measuring Technology and Mechatronics Automation in Electrical Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

44. **Abrasion behavior of WC reinforced cast iron surface composite fabricated by**

cast-infiltration method

[Cao, Guojian](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Guo, Erjun](#); [Feng, Yicheng](#); [Wang, Liping](#) **Source:** *Advanced Materials Research*, v 476-478, p 555-559, 2012, *New Materials and Processes*

Database: Compendex

[Abstract](#) | [Detailed](#) |

45. **Three-dimensional surface current loops in broadband responsive negative refractive metamaterial with isotropy**

[He, Xun-Jun](#) (School of Applied Sciences, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Yue](#); [Mei, Jin-Shuo](#); [Gui, Tai-Long](#); [Yin, Jing-Hua](#) **Source:** *Chinese Physics B*, v 21, n 4, April 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

46. **Performance research of clipping LDPC-OFDM system based on MMSE iterative reception technology**

[Liu, Mingzhu](#) (Higher Educational Key Laboratory for Measuring and Control Technology, School of Measurement and Control Technology and Communications Engineering, Harbin University of Science and Technology, Harbin, China); [Haixia, Zhang](#); [Xin, Li](#); [Jizheng, Li](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 1417-1421, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

47. **Application and development of copper foils for lithium ion secondary batteries**

[Jiang, Peng](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Yu, Yan-Dong](#) **Source:** *Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals*, v 22, n 12, p 3504-3510, December 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

48. **Constrained spatial join queries and cost analysis**

[Yang, Ze-Xue](#) (College of Computer Science and Technology, Harbin University of Science and Technology, 150080 Harbin, China); [Hao, Zhong-Xiao](#) **Source:** *Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology*, v 44, n 11, p 118-122, Nov. 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

49. **The real-time measurement of explosion true temperature**

[Kun, Sun](#) (Higher Educational Key Laboratory for Measuring and Control Technology, School of Measurement and Control Technology and Communications Engineering, Harbin University of Science and Technology, Harbin, China); [Xiaogang, Sun](#); [Jingmin, Dai](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 1434-1438, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

50. **Study on hot processing maps and deformation mechanisms of TC11 titanium alloy**

[Zhang, Xuemin](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Kang, Fuwei](#); [Li, Haichao](#); [Wang, Zhiwei](#); [Zhao, Junling](#); [Guo, Erjun](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

51. **Thermal degradation of polyethylene/layered double hydroxides nanocomposites**

[Wang, Yue](#) (School of Material Science and Engineer, Harbin University of Science and Technology, Harbin 150040, China); [Jiang, Li](#); [Cui, Bingbing](#); [Lai, Wenwei](#); [Han, Zhidong](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

52. **The research of CaO/TiO₂ nanocrystalline film for dye-sensitized solar cell**

[Zheng, Wei](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Cui, Sai](#); [Zhang, Xiaona](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

53. **Milling chatter prediction method based on multiclass hypersphere support vector machine**

[Wu, Shi](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Lin, Liandong](#); [Xiao, Fei](#); [Qu, Da](#) **Source:** *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 33, n 11, p 2414-2421, November 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

54. **Engineering analysis and research of MPLS VPN**

[Sun, Ming-Song](#) (Network Information Center, Harbin University of Science and Technology, Harbin, 150080, China); [Wu, Wen-Hao](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

55. **A secure communication system using function projective lag synchronization in coupled hyper-chaotic Lorenz systems**

[Du, Hongyue](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Lü, Ning](#); [Wang, Xin](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

56. **A two-wheeled self-balancing robot with the fuzzy PD control method**

[Wu, Junfeng](#) (College of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Wanying](#); [Wang, Shengda](#) **Source:** *Mathematical Problems in Engineering*, v 2012, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

57. **Study on carbon fiber surface treatment based on surface oxidation method**

[Zhang, Jipeng](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Tang, Hui](#); [Hao, Shanshan](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

58. **R&D efficiency evaluation of computer industry in china based on an improved dea model**

[Wang, Chengdong](#) (School of Management, Harbin University of Science and Technology, Harbin150080, China); [Qi, Liangqun](#); [Cai, Yuanyuan](#) **Source:** *Journal of Theoretical and Applied Information Technology*, v 46, n 2, p 706-712, December 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

59. **Research on the combined control method for parallel inverters control of micro-grid**

[Wei, Qi](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Liang, Xintao](#); [Liu, Changyuan](#); [Nie, Tingzhi](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

60. **Mechanical properties of pre-stressed concrete composite box girders with corrugated steel webs under eccentric loading**

[Wang, Sheng-Bao](#) (School of Civil Engineering and Architecture, Harbin University of Science and Technology, Harbin 150080, Heilongjiang, China) **Source:** *Zhongguo Gonglu Xuebao/China Journal of Highway and Transport*, v 25, n 6, p 68-73, November 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

61. **Research on parallel control technology of high power variable frequency supply**
[Ren, Lijun](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., Harbin University of Science and Technology, Harbin, 150080, China); [Ma, Yanyan](#); [Chen, Zhongping](#); [Tong, Ziquan](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

62. **Four fold-frequency subdivision and direction-judgment control unit design of SMC CE1 cylinder based on FPGA**

[Wu, Bo](#) (Harbin University of Science and Technology, Harbin 150001, China); [Cheng, Baojie](#); [Yang, Liangliang](#); [Liu, Ying](#); [Cai, Zhaohui](#) **Source:** *Applied Mechanics and Materials*, v 198-199, p 1219-1224, 2012, *Applied Mechanics, Mechatronics Automation and System Simulation*

Database: Compendex

[Abstract](#) | [Detailed](#) |

63. **Research for NC milling error analysis and compensation**

[Sui, Xiulin](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Zhao, Ping](#); [Wang, Yaping](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 2167-2173, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

64. **Method of parallel active power filter compensation on 3-phase 3-wire nonlinear unbalanced load system**

[Zou, Wen-Xue](#) (School of Electric and Electronic Engineering, Harbin University of Science and Technology, Harbin. 150040, China); [Liu, Sheng-Hui](#) **Source:** *Applied Mechanics and Materials*, v 128-129, p 185-189, 2012, *Measuring Technology and Mechatronics Automation IV*

Database: Compendex

[Abstract](#) | [Detailed](#) |

65. **Review on method for testing filling capacity of liquid alloys and its application**

[Tang, Huiying](#) (Department of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Shi, Dequan](#); [Zhao, Yongjun](#); [Li, Dayong](#); [Shi, Xudong](#); [Gao, Zhiwei](#) **Source:** *Applied Mechanics and Materials*, v 108, p 18-23, 2012, *Mechanical Engineering and Materials Science*

Database: Compendex

[Abstract](#) | [Detailed](#) |

66. **Research on method of rule and structure-based product configuration design**

[Ge, Jianghua](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology Harbin City, Heilongjiang Province, 150080, China); [Qi, Jingrui](#); [Wang, Yaping](#); [Sun, He](#) **Source:** *Applied Mechanics and Materials*, v 145, p 53-57, 2012, *Innovation in Materials Science and Emerging Technology*

Database: Compendex

[Abstract](#) | [Detailed](#) |

67. **Research on finite element simulation processing method for flatness prediction**

[Sui, Xiulin](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Zhang, Chunhong](#); [Zhao, Ping](#); [Na, Hu](#); [Zhang, Ping](#) **Source:** *Applied Mechanics and Materials*, v 148-149, p 88-92, 2012, *Mechanical Engineering, Materials and Energy*

Database: Compendex

[Abstract](#) | [Detailed](#) |

68. **Research on the innovation system of IOT industry of Heilongjiang province based on the LAFIS method**

[Wei, Wang](#) (Economy College, Harbin University of Science and Technology, Harbin, China); [Kun, Zhang](#); [Yun, Han](#) **Source:** *Proceeding of 2012 International Conference on Information Management, Innovation Management and Industrial Engineering, ICIII 2012*, v 1, p 127-130, 2012, *Proceeding of 2012 International Conference on Information Management, Innovation Management and Industrial Engineering, ICIII 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

69. **Influence of stator ventilation channel cutting length on the multi-physics in air-cooled hydro-generator**

[Liang, Yan-Ping](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Bian, Xu](#) **Source:** *2012 6th International Conference on Electromagnetic Field Problems and Applications, ICEF'2012*, 2012, *2012 6th International Conference on Electromagnetic Field Problems and Applications, ICEF'2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

70. **Application of robot to tooth-arrangement and dental implantology**

[Jiang, Jingang](#) (Intelligent Machine Institute, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Yongde](#) **Source:** *Jiqiren/Robot*, v 34, n 5, p 634-640, September 2012
Language: Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

71. **Research on green logistics development at home and abroad**

Xiu, Guoyi (Harbin University of Science and Technology, Harbin, China); Chen, Xiaohua **Source:** *Journal of Computers (Finland)*, v 7, n 11, p 2765-2772, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

72. Fabrication and characteristics of sub-micrometer vertical type organic semiconductor copper phthalocyanine thin film transistor

Wang, Dongxing (Department of Electronic Science and Technology, College of Applied Science, Harbin University of Science and Technology, Heilongjiang Harbin 150080, China); Wang, Xiaolin; Wang, Changhao; Pang, Chao; Yin, Jing Hua; Zhao, Hong **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

73. Investigation on quench sensitivity of a heat-resistant aluminum alloy

Lu, Xinyu (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); Li, Zhihui; Wang, Guojun; Zhang, Yongan; Xiong, Baiqing **Source:** *Materials Science Forum*, v 706-709, p 346-350, 2012, *THERMEC 2011*

Database: Compendex

[Abstract](#) | [Detailed](#) |

74. Detection and analysis of dynamic characteristic of plate and strip hydraulic AGC rolling mills system

Yin, Yuheng (Automation College, Harbin University of Science and Technology, Harbin, China); Wang, Yue **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 707-711, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

75. Sub-micrometer vertical type current channel of semi-conductive al gate organic semiconductor copper phthalocyanine thin film transistor

Wang, Xiaolin (Department of Electronic Science and Technology, College of Applied Science, Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education Harbin University of Science and Technology, Heilongjiang Harbin 150080, China College of Applied Science, Microelectronics and Solid Electronics Harbin University of Science and Technology Harbin, China); Wang, Dongxing; Wang, Changhao; Pang, Chao; Yin, Jing Hua; Zhao, Hong **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 432-435, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

76. Establishing model of thickness and pressure bearing of block plate based on curve-fitting

[Wang, Haiying](#) (Automation College, Harbin University of Science and Technology, Harbin, China); [Fu, Ying](#); [Wang, Yue](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 958-961, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

77. Simpler simulation of static var generator with direct current control

[Liu, Yang](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Li, Wenjuan](#); [Yang, Dongyang](#); [Yu, Yong](#); [Zhou, Yongqin](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 538-542, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

78. Dual-channel signal acquisition and characteristics analysis of arc sound in pipe MIG

welding

[Liu, Lijun](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zhou, Bintao](#); [Dai, Hongbin](#); [Bi, Shujuan](#); [Lan, Hu](#); [Zhang, Huajun](#) **Source:** *Hanji Xuebao/Transactions of the China Welding Institution*, v 33, n 8, p 41-44, August 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

79. Enhancement of infrared image using multi-fractal based on human visual system

[Yu, Tianhe](#) (Department of Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Jia, Lijuan](#); [Zhang, Dianlong](#); [Gao, Shuang](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 622-625, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

80. Design of aerodynamics missile controller based on adaptive fuzzy PID

[Yuan, Liying](#) (College of Automation, Harbin University of Science and Technology, Harbin, China); [Cui, Jiashan](#); [Pan, Mingyu](#); [Liu, Yongqi](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 712-716, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

81. Implementation of serial communication between host computer and PLC based on Host

Link protocol

[Yue, Yajie](#) (School of Software, Harbin University of Science and Technology, Harbin, China); [Sha, Chenming](#); [Zhang, Xiaojing](#) **Source:** *International Journal of Advancements in Computing Technology*, v 4, n 18, p 80-88, October 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

82. Requirements elicitation method for mobile ad alliance platform

[Zhai, Lili](#) (High-tech Development and Management Research Center, Harbin University of Science and Technology, Harbin, China); [Zhang, Tao](#); [Zhang, Shuchen](#) **Source:** *Journal of Convergence Information Technology*, v 7, n 19, p 618-626, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

83. Compactness and essential norms of composition operators on Orlicz-Lorentz spaces

[Cui, Yunan](#) (Department of Mathematics, Harbin University of Science and Technology, Harbin, 150080, China); [Hudzik, Henryk](#); [Kumar, Rajee](#); [Kumar, Romesh](#) **Source:** *Applied Mathematics Letters*, v 25, n 11, p 1778-1783, November 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

84. Research and verification of design method for submersible motor

[Xu, Yong-Ming](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Meng, Da-Wei](#); [Sha, Liang](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 7, p 72-76, July 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

85. Research on rapid detection method of protein content in milk dilute solution

[Ding, Guochao](#) (College of Measure-control Technology and Communication Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Liu, Yanlong](#); [Zhou, Zhen](#); [Xi, Yang](#); [Gao, Yunli](#) **Source:** *International Journal of Advancements in Computing Technology*, v 4, n 15, p 179-187, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

86. Experimental research on damaged layer of high strength alloys in precision cutting

[Zhai, Yuansheng](#) (Harbin University of Science and Technology, Harbin, 150080, China); [Wang, Yu](#) **Source:** *Materials Science Forum*, v 723, p 348-352, 2012, *High Speed Machining V*

Database: Compendex

[Abstract](#) | [Detailed](#) |

87. **Algorithm of moving integrated scheduling procedures with set-up time forward**

[Xie, Zhiqiang](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Weitao](#); [Yang, Jing](#) **Source:** *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, v 48, n 12, p 169-177, June 20, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

88. **Theoretical investigation on electronic structure and mechanical properties of cubic crystallographic structures with point defects in Al-based alloys**

[Dong, L.M.](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Han, Z.D.](#); [Wang, Y.L.](#); [Li, W.](#); [Zhang, X.Y.](#) **Source:** *Solid State Communications*, v 152, n 14, p 1263-1269, July 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

89. **A cloud-based collaborative manufacturing resource sharing services**

[Ding, Bo](#) (School of Computer Applied Techniques, Harbin University of Science and Technology, Harbin 150080, China); [Yu, Xiao-Yang](#); [Sun, Li-Juan](#) **Source:** *Information Technology Journal*, v 11, n 9, p 1258-1264, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(6\)](#)

90. **Structure of activated carbon supported with nano-ZnO and its removal performance of H₂S at room temperature**

[Li, Fen](#) (Key Laboratory of Green Chemical Engineering and Technology of College of Heilongjiang Province, College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Zhang, Yanping](#); [Yang, Ying](#); [Jiang, Wei](#); [Yan, Bo](#) **Source:** *Kuei Suan Jen Hsueh Pao/Journal of the Chinese Ceramic Society*, v 40, n 6, p 800-805, June 2012

Language: Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

91. **Design and characteristics analysis of orthogonal magnetization controllable reactor**

[Zhu, Bao-Sen](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Guan, Yi](#); [Chen, Qing-Guo](#); [Chi, Ming-He](#); [Wei, Xin-Lao](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 5, p 26-32, May 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

92. **Colleges employment forecasting by least squares support vector machine**

[Lv, Jing](#) (Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Yanqing](#) **Source:** *Proceedings - 2012 International Conference on Computer Science and Electronics Engineering*,

ICCSEE 2012, v 2, p 169-172, 2012, *Proceedings - 2012 International Conference on Computer Science and Electronics Engineering, ICCSEE 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

93. **Fabrication and electrochemical sensing property of a composite film based on a polyoxometalate and palladium nanoparticles**

[Ma, Huiyuan](#) (Key Laboratory of Green Chemical Engineering and Technology of College of Heilongjiang Province, College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Zhang, Zhijing](#); [Pang, Haijun](#); [Li, Shuang](#); [Chen, Yanyan](#); [Zhang, Wenjie](#) **Source:** *Electrochimica Acta*, v 69, p 379-383, May 1, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(3\)](#) |

94. **Four-dimensional hyperchaotic system and application research in signal encryption**

[Yu, Chun-Yu](#) (College of Measure-control Technology and Communication Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zhu, Jian-Liang](#); [Guo, Jian-Ying](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 3, p 96-100, March 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

95. **Physical field evaluation model of high speed ball-end milling hardened steel**

[Jiang, B.](#) (Machinery Industry Key Laboratory of Chip Control and High Efficiency Tool Technology, Harbin University of Science and Technology, 52 Xuefu Road, Harbin 150080, China); [Xia, D.H.](#); [Zheng, M.L.](#); [Li, Y.](#); [Liu, X.C.](#) **Source:** *Advanced Materials Research*, v 426, p 122-125, 2012, *Advanced Materials and Manufacturing Technology I*

Database: Compendex

[Abstract](#) | [Detailed](#) |

96. **Simulation and optimization of mandrel-heating process for composite shells using internal heat-curing method**

[Xu, Jiazhong](#) (Department of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Qiao, Ming](#); [You, Bo](#); [Yu, Ying](#) **Source:** *Journal of Reinforced Plastics and Composites*, v 31, n 3, p 133-143, February 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

97. **Influence of rotor structure on starting performance of PMSM used for HEV**

[Li, Weili](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Li, Zhipeng](#); [Chen, Tingting](#) **Source:** *Advanced Materials Research*, v 383-390, p 1855-1861, 2012, *Manufacturing Science and Technology*

Database: Compendex

[Abstract](#) | [Detailed](#) |

98. **Jrv rough Vague region relation**

[Zhang, Li-Ping](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Li, Song](#); [Hao, Xiao-Hong](#); [Hao, Zhong-Xiao](#) **Source:** *Zhejiang Daxue Xuebao (Gongxue Ban)/Journal of Zhejiang University (Engineering Science)*, v 46, n 1, p 105-111, January 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

99. **Design and analysis of a high-gain rail-to-rail operational amplifier**

[Yang, Guang](#) (Harbin University of Science and Technology, Harbin, 150040, China); [Yu, Bin](#) **Source:** *Procedia Engineering*, v 29, p 3039-3043, 2012, *2012 International Workshop on Information and Electronics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

100. **A new method of reduce monocrystalline silicon solar cells surface reflection by silver mirror reaction**

[Gui, Tailong](#) (Department of Electronic Science and Technology, College of Applied Science, Harbin University of Science and Technology, Heilongjiang Harbin 150080, China); [Liu, Zhigiang](#); [Chen, Minghua](#) **Source:** *Procedia Engineering*, v 29, p 64-68, 2012, *2012 International Workshop on Information and Electronics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

101. **The effect of nano-aluminum on morphology and properties of polyimide matrix composites**

[Liu, Lizhu](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Weng, Ling](#); [Shi, Hui](#); [Wang, Fengchun](#); [Ding, Jun](#); [Lei, Qingquan](#) **Source:** *Advanced Materials Research*, v 476-478, p 551-554, 2012, *New Materials and Processes*

Database: Compendex

[Abstract](#) | [Detailed](#) |

102. **Generation and analysis of attack graphs**

[Wang, Chunying](#) (Department of Software Engineering, School of Software, Harbin University of Science and Technology, Harbin, China); [Du, Ning](#); [Yang, Huijing](#) **Source:** *Procedia Engineering*, v 29, p 4053-4057, 2012, *2012 International Workshop on Information and Electronics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

103. **Complex curve surfaces 3D measuring device based on gray code value stereo matching**

[Wang, Yang](#) (College of Measurement-Control and Communication Engineering, Harbin University of Science and Technology Harbin, China); [Pengyu, Tao](#); [Yu, Shuang](#); [Wu, Liwei](#); [Wang, Lijuan](#) **Source:** *Journal of Convergence Information Technology*, v 7, n 4, p 205-214, March 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(5\)](#) |

104. **Numerical study of effect of sulphur element on mesosegregation by thermosolutal convection in Iron-Carbon-Sulphur system**

[Liu, D.R.](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, No.4 Lin Yuan Road, Xiang Fang District, Harbin 150040, China); [Kang, X.H.](#); [Li, D.Z.](#) **Source:** *IOP Conference Series: Materials Science and Engineering*, v 33, n 1, 2012, *MCWASP 2012: International Conference on Modeling of Casting, Welding and Advanced Solidification Processes*

Database: Compendex

[Abstract](#) | [Detailed](#) |

105. **Applications of computer virtual reality technology in modern sports**

[Li, Liwei](#) (Department of Physical Education, Harbin University of Science and Technology, Harbin, China) **Source:** *Proceedings of the 2012 4th International Symposium on Information Science and Engineering, ISISE 2012*, p 358-361, 2012, *Proceedings of the 2012 4th International Symposium on Information Science and Engineering, ISISE 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

106. **Design of the wind velocity sensor based on AIN thermal isolation MEMS array**

[Zhao, Wenjie](#) (The Higher Educ. Key Lab. for Measuring and Control Technol. and Instrum. of Heilongjiang Province, School of Measurement-Control Technology and Communications Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Shi, Yunbo](#); [Luo, Yi](#); [Li, Guolong](#); [Zhou, Zhen](#) **Source:** *Yi Qi Yi Biao Xue Bao/Chinese Journal of Scientific Instrument*, v 33, n 12, p 2819-2824, December 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

107. **Parameter estimation of α -stable distribution using Metropolis-Hastings algorithm**

[Ma, Hong-Bin](#) (School of Mechanical Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Ma, Yan](#); [Yang, Chun-Mei](#); [Shen, Feng](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 12, p 94-98, December 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

108. **Research on the mechanism and influencing factors on the cooperative technological innovation between equipment manufacturing enterprises and High-tech enterprises**

[Wang, Li-Jing](#) (School of Management, Harbin University of Science and Technology, 150080, China); [Qi, Liang-Qun](#); [Liu, Kun](#) **Source:** *International Conference on Management Science and*

Engineering - Annual Conference Proceedings, p 1631-1639, 2012, *2012 International Conference on Management Science and Engineering, ICMSE 2012 - 19th Annual Conference Proceedings*

Database: Compendex

[Abstract](#) | [Detailed](#) |

109. Research on the Seebeck effect in efficient turning process and improving tool life

[Wu, Ming-Yang](#) (The key Lab of Advanced Manufacturing Tech. and Cutting Tools, Harbin University of Science and Technology, Harbin 150080, China); [Cheng, Yao-Nan](#); [Liu, Xian-Li](#) **Source:** *Journal of Harbin Institute of Technology (New Series)*, v 19, n 6, p 59-62, December 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

110. The effects of Al₂O₃ contents on the morphology and electrical properties of polyimide/nano-Al₂O₃ composite films

[Liu, Lizhu](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Xia, Yan](#); [Weng, Ling](#); [Zhu, Xingsong](#); [Wang, Cheng](#); [Jin, Zhenghao](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

111. Back propagation neural network based on artificial bee colony algorithm

[Jin, Feihu](#) (Department of Computing and Science, Harbin University of Science and Technology, Harbin, China); [Shu, Guang](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

112. Batch integrated scheduling algorithm considering posterior operations and with constraint of 2 operations batches processing

[Xie, Zhi-Qiang](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Liu, Chang-Hai](#); [Yang, Jing](#) **Source:** *Shanghai Jiaotong Daxue Xuebao/Journal of Shanghai Jiaotong University*, v 46, n 11, p 1746-1752+1758, November 2012

Language: Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

113. Preparation of NiO coated aluminum borate whiskers by a solgel process and an ultrasonic dispersion technique

[Yue, H.Y.](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Guo, E.J.](#); [Wang, L.P.](#); [Kang, F.W.](#); [Guo, Y.K.](#); [Yu, Z.M.](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

114. Research of dispersion uniformity of carbon fiber in short carbon fiber reinforced silicon carbide composites

[Hao, Shanshan](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Tang, Hui](#); [Zhang, Jipeng](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

115. Study of seasonal storage in ground-source heat pump with solar collector

[Wang, Fang](#) (Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Niu, Lianjing](#); [Liu, Zhilong](#); [Zheng, Maoyu](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 2897-2901, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

116. Study on VPI manufacture technology of stator bar for 200MW air-cooled turbo-generator

[Hu, Chunxiu](#) (Key Laboratory of Engineering Dielectric and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, 150080, China); [Man, Yuguang](#); [Zhang, Xiaohong](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 1682-1686, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

117. Design and simulation of Transconductance with Capacitances Feedback Compensation amplifier

[Ren, Mingyuan](#) (School of Software, Harbin University of Science and Technology, Harbin, 150000, China); [Zhang, Chunxiang](#); [Zhao, Jingying](#); [Guo, Hai](#) **Source:** *Applied Mechanics and Materials*, v 147, p 311-314, 2012, *Computational Mechanics, Materials and Engineering Applications, CMMEA 2011*

Database: Compendex

[Abstract](#) | [Detailed](#) |

118. Continuous rotary motor electro-hydraulic servo system based on the zero phase error tracking controller

[Wang, Xiaojing](#) (Harbin University of Science and Technology, Mechanical Power Engineering Institute, Harbin, Heilongjiang, 150080, China); [Li, Jianying](#); [Wu, Bo](#); [Shao, Junpeng](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 3205-3209, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(2\)](#) |

119. **Numerical simulation and analysis of 3-D internal flow field in mechanical turbulent coal pulverizer**

[Lv, Wei](#) (School of Machinery and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Yao, Zhi-Yue](#); [Zhang, De-Li](#); [Wang, Xin-Hai](#); [Zhang, Xiao-Nan](#); [Zhao, Zhong-Xia](#) **Source:** *Applied Mechanics and Materials*, v 170-173, p 3300-3303, 2012, *Progress in Civil Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

120. **Numerical simulation and thermal factorial analysis of pneumatic drying on straw fuel**

[Lv, Wei](#) (School of Machinery and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Sun, Hong-Wei](#); [Wang, Xin-Hai](#); [Li, Yan-Dong](#); [Yao, Zhi-Yue](#); [Zhang, De-Li](#); [Yuan, Ji-Long](#); [Du, Peng](#) **Source:** *Applied Mechanics and Materials*, v 151, p 341-345, 2012, *New Trends in Mechatronics and Materials Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

121. **Collaborative simulation and experimentation on the dental arch generator of a multi-manipulator tooth-arrangement robot**

[Jiang, Jingang](#) (Intelligent Machine Institute, Harbin University of Science and Technology, China); [Zhang, Yongde](#); [Zhang, Wenying](#) **Source:** *International Journal of Advanced Robotic Systems*, v 9, July 25, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

122. **A novel identification method for generalized T-S fuzzy systems**

[Huang, Ling](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Kai](#); [Shi, Peng](#); [Karimi, Hamid Reza](#) **Source:** *Mathematical Problems in Engineering*, v 2012, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

123. **Preparation and characterization of multiferroic BiFeO₃**

[Song, Wei](#) (College of Electrical and Electronic Engineer, Harbin University of Science and Technology, Harbin, 150080, China); [Zhang, Dong](#); [Sun, Zhi](#); [Han, Bai](#); [He, Li-Juan](#); [Wang, Xuan](#); [Lei, Qing-Quan](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

124. **DC conduction properties of SiO₂/LDPE nanocomposite**

[Yang, Jia-Ming](#) (Key Laboratory of Engineering Dielectrics and Its Application, Harbin University of Science and Technology, Ministry of Education, Harbin 150080, China); [Wang, Xuan](#); [Zheng, Chang-Ji](#); [Zhao, Hong](#); [Lei, Qing-Quan](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

125. **Research on preparation technology and properties of mLLDPE/LDPE/CB composite with PTC**

[Zhang, Wenlong](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, Heilongjiang, China); [Hu, Xu](#); [Wu, Weiju](#); [Zhang, Yingchun](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

126. **The effect of CaCu₃Ti₃.95Zr_{0.05}O₁₂ fillers on microstructure and dielectric behaviour of CaCu₃Ti₃.95Zr_{0.05}O₁₂/Polyimide composites**

[Chi, Q.G.](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin 150080, China); [Gao, L.](#); [Sun, J.](#); [Wang, X.](#); [Lei, Q.Q.](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

127. **Adhering failure of the tool-chip in the process of extremely heavy cutting**

[Cheng, Yaonan](#) (School of Mechanical Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Liu, Xianli](#); [Li, Zhenjia](#); [Liu, Li](#); [Wang, Haiting](#) **Source:** *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, v 48, n 19, p 169-176, October 5, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

128. **An optimized OSPF routing protocol for mobile ad-hoc networks**

[Du, Ning](#) (School of Software, Harbin University of Science and Technology, Harbin, China); [Yang, Huijing](#); [Wang, Chunying](#) **Source:** *Journal of Networks*, v 7, n 9, p 1456-1463, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

129. **Non-fragile passive filtering for a class of sampled-data system with long time-delay**

[Wang, Shi-Gang](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Wu, Jun-Feng](#) **Source:** *Research Journal of Applied Sciences, Engineering and Technology*, v 4, n 17, p 2861-2865, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

130. **Stakeholder strategy support system based on SSM and CBR**

[Liu, ChangHe](#) (Harbin University of Science and Technology, Harbin, China) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 314-317, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

131. **Simulation of three-phase three-wire shunt APF with one-cycle control under double-direction compensation by PSCAD/EMTDC**

[Liu, Xujiang](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Li, Wenjuan](#); [Cheng, Huaiying](#); [Zhang, Wei](#); [Gao, Hanying](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 543-547, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

132. **PID neural network control of hydraulic roll gap control system**

[Zhang, Jing](#) (College of Automation, Harbin University of Science and Technology, Harbin, China); [Fan, Yutao](#); [Zhong, Weifeng](#); [Gao, Junshan](#); [Guan, Tingting](#); [Liu, Yanwen](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 791-795, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

133. **Research of high altitude meteorological data processing method**

[Qiu, Yang](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentation of Heilongjiang Prov., Institute of Measurement-Control Technology and Communications Engineering, Harbin University of Science and Technology, Harbin, China); [Shi, Yunbo](#); [Luo, Yi](#); [Xiu, Debin](#); [Sun, Qi](#); [Ge, Chunzhi](#); [Nan, Huijie](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 46-49, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

134. **CoMP algorithm research based on PMI set feedback**

[Wu, Lihua](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., College of Measure-Control Tech. and Communication Engineer, Harbin University of Science and Technology, Harbin, 150080, China); [Dai, Shunhua](#); [Wo, Xiaodan](#); [Liu, Lian](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 125-128, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

135. **Calibration of registration errors in the sub-aperture stitching testing for aspheric surface**

[Qiao, Yu-Jing](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); [Xu, Jing-Wei](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 984-987, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

136. **Design of PIC microcontroller-based high-capacity multi-channel data acquisition module**

[Wang, Hongmin](#) (Harbin University of Science and Technology, Harbin, China); [Jie, Zhu](#); [Nie, Xufei](#); [Li, Dandan](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 685-688, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

137. **Implementation of Fuzzy neural-network genetic algorithm based on MCGS**

[Ren, Xianghua](#) (School of Computer Science, Harbin University of Science and Technology, Harbin, China); [Liang, Xuefeng](#); [Zhai, Jiqiang](#); [Guo, Feng](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 294-297, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

138. **Design of piezoelectric resonator thermo-sensitive transducer**

[Ma, Jing](#) (College of Automation, Harbin University of Science and Technology, Harbin 150080 Heilongjiang, China); [Duan, Jin-Hua](#); [Huang, Huang](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 778-781, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

139. **Research of large current measurement based on fiber Bragg grating sensor**

[Liu, Bo](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., Harbin University of Science and Technology, Harbin, China); [Lin, Song](#) **Source:** *Proceedings of*

2012 International Conference on Measurement, Information and Control, MIC 2012, v 1, p 141-144, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

140. **Design of three-axis composite material vessel winding machine control system**

[Zhong, Weifeng](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Zhang, Zengchao](#); [Xu, Jiazhong](#); [Mao, Liming](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 796-800, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

141. **A pattern of coding structure light suitable for object's surface of regularity changes**

[Fan, Jianying](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., Harbin University of Science and Technology, Harbin, China); [Wang, Yang](#); [Sun, Changming](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 168-172, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

142. **Wireless video transmission system based on ARM**

[Li, Dongjie](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [You, Bo](#); [Yu, Zhilong](#); [Zhang, Li](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 751-755, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

143. **A research based on the temperature field of high precision temperature measuring**

method of ROTDR

[Ai, Hong](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Liu, Peng](#); [Guo, Shuai](#); [Liu, Zhenqi](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 668-672, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

144. **The edge detection of rice image based on mathematical morphology and wavelet packet**

[Zhong, Weifeng](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Qin, Chaoqun](#); [Liu, Chengji](#); [Li, Huazhong](#); [Wang, Hongmin](#) **Source:** *Proceedings of 2012*

International Conference on Measurement, Information and Control, MIC 2012, v 2, p 801-804, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

145. Image compression based on wavelet transform

[Liu, Bo](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., Harbin University of Science and Technology, Harbin, China); [Yang, Zhaorong](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 145-148, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

146. Construction of the integrate teaching practical platform based on CDIO concept

[Lu, Chengjiang](#) (School of Architecture and Civil Engineering, Harbin University of Science and Technology, Harbin, China); [Zhai, Changhai](#) **Source:** *ICCSE 2012 - Proceedings of 2012 7th International Conference on Computer Science and Education*, p 1484-1487, 2012, *ICCSE 2012 - Proceedings of 2012 7th International Conference on Computer Science and Education*

Database: Compendex

[Abstract](#) | [Detailed](#) |

147. State switch UKF algorithm and its application in attitude estimation

[Wu, Bo](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Xu, Huan](#); [Qiao, Xiang-Wei](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 6, p 98-105, June 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

148. Enhancement of blue holographic properties in Zr⁴⁺-doped near stoichiometric Fe:LiNbO₃ crystals

[Fan, Yexia](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Yu, Zemin](#); [Li, Wenhui](#); [Xu, Chao](#); [Fu, Kuo](#) **Source:** *Optics and Laser Technology*, v 44, n 2, p 362-365, March 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(4\)](#) |

149. Thermal field calculation for doubly-fed induction generators with axial direction cooling systems

[Ge, Baojun](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, Heilongjiang Province, China); [Zhang, Zhiqiang](#); [Tao, Dajun](#); [Lü, Yanling](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 32, n 21, p 86-92, July 25, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

150. **Characteristics of oil-pressboard insulation under polarity reversal voltage**

[Wang, Yonghong](#) (Electrical and Electronic Engineering College, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); [Wei, Xinlao](#); [Chen, Qingguo](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 32, n 19, p 161-168, July 5, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#)

151. **Microstructure, martensitic transformation and mechanical properties of**

Ni50Mn30Ga20-xCux ferromagnetic shape memory alloys

[Tan, C.L.](#) (College of Applied Science, Harbin University of Science and Technology, Harbin 150080, China); [Dong, G.F.](#); [Gao, L.](#); [Sui, J.H.](#); [Gao, Z.Y.](#); [Cai, W.](#) **Source:** *Journal of Alloys and Compounds*, v 538, p 1-4, October 15, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

152. **Effect of PCBN cutting tools wear on surface integrality in high-speed hard turning**

[Chen, Tao](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology, Harbin 150080, China); [Liu, Xianli](#) **Source:** *High Technology Letters*, v 18, n 2, p 128-131, June 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

153. **Preparation of La_{0.1}Nd_{0.1}Y_{1.8}O₃ nanopowders and characterizations of the optical properties**

[Dong, L.M.](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Han, Z.D.](#); [Wu, Z.](#); [Zhang, X.Y.](#) **Source:** *Materials Chemistry and Physics*, v 135, n 2-3, p 575-578, August 15, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

154. **Design and analysis of variable reluctance resolver for hybrid-electric vehicle**

[Zhou, Kai](#) (Engineering Research Center of Automotive Electronics, Harbin University of Science and Technology, Mailbox 179, No.52, Xuefu Road, Harbin, Heilongjiang, China); [Wang, Xu-Dong](#); [Tan, Tian-Jiang](#); [Zhou, Yong-Qin](#) **Source:** *International Journal of Electric and Hybrid Vehicles*, v 4, n 2, p 111-122, August 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

155. **Grain size effect on cyclic oxidation of (TiB₂+TiC)/Ni 3Al composites**

[Cao, Guo-Jian](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Xu, Hong-Yu](#); [Zheng, Zhen-Zhu](#); [Geng, Lin](#); [Masaaki, Naka](#) **Source:** *Transactions of Nonferrous Metals Society of China (English Edition)*, v 22, n 7, p 1588-1593, July 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

156. **Eddy current loss and shielding research of the tank in power transformer**

[Xu, Yongming](#) (Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Du, Chao](#); [Meng, Dawei](#) **Source:** *Advanced Materials Research*, v 468-471, p 1086-1089, 2012, *Automation Equipment and Systems*

Database: Compendex

[Abstract](#) | [Detailed](#) |

157. **CMOS readout circuit for piezo-resistive accelerometer**

[Ren, Mingyuan](#) (School of Software, Harbin University of Science and Technology, No. 52 Xuefu Road, Nangang District, Harbin, 150000, China); [Zhang, Chunxiang](#) **Source:** *International Journal of Simulation and Process Modelling*, v 7, n 1-2, p 115-122, July 2012, *Special Issue on Advances in Simulation and Process Modelling*

Database: Compendex

[Abstract](#) | [Detailed](#) |

158. **PAA prediction of colleges based on least squares support vector machine algorithm**

[Lv, Jing](#) (Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Yanqing](#) **Source:** *Journal of Computational Information Systems*, v 8, n 5, p 2083-2089, March 1, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

159. **The nonlinear dynamic response of microbeam of MEMS capacitive switch under mechanical shock**

[He, Xun-Jun](#) (School of Applied Sciences, Harbin University of Science and Technology, Harbin, China); [Wang, Yue](#); [Wu, Qun](#); [Gui, Tai-Long](#) **Source:** *Analog Integrated Circuits and Signal Processing*, v 72, n 1, p 19-26, July 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

160. **Exploration on image inpainting used in metal surface 3D measurement by coded structured light**

[Wu, Haibin](#) (The higher educational key laboratory for Measuring and Control Technology, Instrumentations of Heilongjiang province, Harbin University of Science and Technology, Harbin, China); [Tang, Shayou](#); [Tao, Pengyu](#); [Chen, Shengnan](#); [Wang, Xuying](#) **Source:** *Advances in Information Sciences and Service Sciences*, v 4, n 10, p 198-205, June 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

161. **Stereo matching for dynamic programming on TRIZ**

[Yu, Shuchun](#) (Harbin University of Science and Technology (West), Higher Educational Key Laboratory for Measuring and Control Technology and Instrumentations, No.52 XueFu Road, Nan Gang District, Heilongjiang Province, 150080, China); [Yu, Xiaoyang](#); [Hu, Lijuan](#); [Yu, Guang](#); [Liang, Han Liang](#); [Wang, Heng](#) **Source:** *Information Technology Journal*, v 11, n 7, p 891-897, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

162. **Fabrication and plasma arc thermal shock resistance of HfB 2-based ultra high temperature ceramics**

[Weng, Ling](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Han, Wen-Bo](#); [Hong, Chang-Qing](#) **Source:** *Journal of Central South University of Technology (English Edition)*, v 19, n 4, p 887-891, April 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

163. **The effect of Fe on the martensitic transformation of TaRu high-temperature shape memory alloys: A first-principles study**

[Tan, Chang-Long](#) (College of Applied Science, Harbin University of Science and Technology, Harbin 150080, China); [Tian, Xiao-Hua](#); [Cai, Wei](#) **Source:** *Chinese Physics B*, v 21, n 5, May 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

164. **The application of mathematical model and numerical simulation in the pneumatic drying of the straw**

[Lv, Wei](#) (School of Machinery and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); [Li, Ruiyang](#); [Wang, Xinhai](#); [Li, Yandong](#); [Sun, Hongwei](#) **Source:** *Advanced Materials Research*, v 354-355, p 290-293, 2012, *Progress in Power and Electrical Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

165. **Research of transient characteristic on subsection layer type winding under the VFTO**

[Zheng, Dian-Chun](#) (School of Electrical and Electronic Engineer, Harbin University of Science and Technology, Harbin 150080, China); [Zhai, Xiu-Quan](#); [Zhao, Da-Wei](#); [Lü, Shu-Ming](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 1, p 31-38, January 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

166. **Performance analysis of a switched reluctance motor based on the APC control**

[Ding, Shu-Ye](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Liu, Hao-Ran](#); [Chu, Ji-Lun](#); [Zhang, Ning](#); [Zhou, Yong-Qin](#) **Source:**

Dianji yu Kongzhi Xuebao/Electric Machines and Control, v 16, n 2, p 39-43, February 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

167. **Study of the critical fault clearing time for the super high voltage cable-wound generator system**

[Tao, Dajun](#) (Harbin University of Science and Technology, Harbin, China); [Ge, Baojun](#); [Dong, Chuanyou](#); [Lv, Yanling](#) **Source:** *Advanced Materials Research*, v 462, p 897-903, 2012, *Material Science and Engineering Technology*

Database: Compendex

[Abstract](#) | [Detailed](#) |

168. **An optimization evaluation method for stability oriented software system**

[Li, Jin-Gang](#) (School of Software, Harbin University of Science and Technology, Harbin 150080, China); [Cui, Li-Jie](#) **Source:** *Procedia Engineering*, v 29, p 4058-4062, 2012, *2012 International Workshop on Information and Electronics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

169. **Dry sizing and shaping technique for ceramic tiles**

[Xu, Bin](#) (College of Mechanical Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); [Shao, Junpeng](#) **Source:** *Transactions of the Indian Ceramic Society*, v 71, n 3, p 159-162, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

170. **The Nd-doping effect on the electronic structure and the transport property of δ -MoN**

[Yu, Jing](#) (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Keda](#); [Jin, Fengyou](#); [Liu, Lijun](#); [Zhang, Guiling](#); [Zeng, Tao](#) **Source:** *Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University*, v 33, n 12, p 1564-1569, December 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

171. **New method of active power measurement under the conditions of non-stationary distortion signals**

[Zhang, Xiao-Bing](#) (School of Measurement-Control Tech and Communications Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 1099-1103, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

172. **A mathematical model for optimizing the structure of a flat micro heat pipe with fiber wick**
[Tian, Han](#) (Higher Educational Key Laboratory for Measuring and Control Technology, Measurement and Communication Engineering Department, Harbin University of Science and Technology, Harbin, China); [Zhu, Zhang](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 1393-1397, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

173. **Optimizing software of memory management on ARM**
[Jingwei, Dong](#) (School of Measurement and Control Technology and Communications Engineering, Higher Educational Key Laboratory for Measuring, Harbin University of Science and Technology, Harbin, China); [Zhuo, Wang](#); [Rui, Wang](#); [Xianwei, Shi](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 1390-1392, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

174. **Synergetic analysis of regional bio-industry development system**
[Zhao, Li-Dan](#) (School of Management, Harbin University of Science and Technology, Harbin 150080, China); [Qi, Liang-Qun](#) **Source:** *Journal of Beijing Institute of Technology (English Edition)*, v 21, n SUPPL.1, p 29-35, November 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

175. **Effective supply of the formal rural finance-----based on Multiple Regression Model**
[Guo, Chen](#) (Harbin University of Science and Technology, China); [Zhang, Xiaojie](#) **Source:** *International Journal of Advancements in Computing Technology*, v 4, n 23, p 523-530, December 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

176. **Research on springback of tailor welded blanks with different thickness and surface compensation based on numerical simulation**
[Liu, Xiaojing](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Huo, Xuehuan](#); [Zhang, Miao](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

177. **A distributed method for DDoS attack tree construction**

[Zhai, Jiqiang](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Keqi](#) **Source:** *International Journal of Advancements in Computing Technology*, v 4, n 23, p 538-545, December 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

178. **License plate location algorithm based on edge detection and morphology**

[Wang, Aili](#) (Higher Educ. Key Lab. for Measuring and Control Technology and Instrumentations of Heilongjiang, Harbin University of Science and Technology, Harbin, China); [Liu, Xusheng](#); [Han, Yuhui](#); [Qi, Changyan](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

179. **System dynamics modeling and simulation for competition and cooperation of supply chain on dual-replenishment policy**

[Miao, Shidi](#) (Department of Software Engineering, School of Software, Harbin University of Science and Technology, Harbin, China); [Teng, Chunxian](#); [Zhang, Lu](#) **Source:** *Journal of Software*, v 7, n 12, p 2734-2741, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

180. **Research on load system δ rule control and convergence**

[Li, Jianying](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); [Wang, Yanwei](#); [Wang, Xiaojing](#); [Shao, Junpeng](#); [Han, Guihua](#); [Wu, Bo](#) **Source:** *International Journal of Digital Content Technology and its Applications*, v 6, n 23, p 569-576, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

181. **Design on battery management system of LiFePO₄ power battery based on μ COS-II**

[Li, Ran](#) (Automation College, Harbin University of Science and Technology, Harbin Heilongjiang, 150080, China); [Wu, Junfeng](#); [Wang, Haiying](#); [Li, Gechen](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

182. **Calculation of electromagnetic force on damper windings for 1000MW hydro-generator using time-stepping FEM**

[Liang, Yan-Ping](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, China); [Sun, Yu-Tian](#); [Yao, Qing-Shuang](#); [Bian, Xu](#) **Source:** *44th International Conference*

on Large High Voltage Electric Systems 2012, 2012, 44th International Conference on Large High Voltage Electric Systems 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

183. **Dynamics simulation of SF6 discharge in a short gap under uniform electric field**

[Zheng, Dianchun](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Xia, Yunshuang](#); [Zhu, Shihua](#); [Wang, Wenlong](#); [Zhao, Dawei](#) **Source:** *Jisuan Wuli/Chinese Journal of Computational Physics*, v 29, n 6, p 867-875, November 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

184. **Load system neural network control based on δ rule**

[Jianying, Li](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); [Yanwei, Wang](#); [Junpeng, Shao](#); [Guihua, Han](#); [Bo, Wu](#); [Bai, Qin](#) **Source:** *Advances in Information Sciences and Service Sciences*, v 4, n 22, p 565-572, December 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

185. **Reverse path planning for flexible needle in 2D soft tissue with obstacles**

[Zhao, Yan-Jiang](#) (Intelligent Machine Institute, Harbin University of Science and Technology, Harbin, 150080, China); [Zhang, Yong-De](#); [Tu, Fei](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 4132-4137, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

186. **ICA and BP neural network based fault detecting algorithm for large engine**

[Jiang, Yongmei](#) (Engineering Training Center, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China) **Source:** *Applied Mechanics and Materials*, v 110-116, p 4549-4553, 2012, *Mechanical and Aerospace Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

187. **Wind-induced dynamic analysis of the flat tensegrity structures in time domain**

[Lu, Chengjiang](#) (School of Architecture and Civil Engineering, Harbin University of Science and Technology, Heilongjiang Harbin 150080, China); [Wang, Xiaodong](#); [Lu, Shunan](#) **Source:** *Applied Mechanics and Materials*, v 166-169, p 140-143, 2012, *Progress in Structures*

Database: Compendex

[Abstract](#) | [Detailed](#) |

188. **Research on the flow field of the exhaust valve for high temperature booster pump**

[Wu, Bo](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang, China); [Li, Jianying](#); [Li, Jincheng](#); [Shao, Junpeng](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 1489-1494, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

189. **An improved BP algorithm based on steepness factor and adaptive learning rate**

adjustment factor

[Zhang, Xiuhua](#) (College of Mechanical and Engineering, Harbin University of Science and Technology, Harbin, China); [Ren, Fujun](#); [Jiang, Yongcheng](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 705-709, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

190. **Establishment of virtual orthopaedic surgery system**

[Wang, Monan](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang, 150080, China); [Xu, Wenwen](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 4466-4470, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

191. **Application of information engineering in enterprise management**

[Yin, Xuemei](#) (Harbin University of Science and Technology, Harbin 150080, China) **Source:** *Applied Mechanics and Materials*, v 174-177, p 2745-2748, 2012, *Advanced Building Materials and Sustainable Architecture*

Database: Compendex

[Abstract](#) | [Detailed](#) |

192. **High-resolution correction of arbitrary wavefront aberration using liquid crystal spatial**

light modulator

[Zhang, Hongxin](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang, China); [Xu, Xiaoxi](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 877-881, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

193. **Analysis of stator temperature field on synchronous generator loss of field asynchronous**

operating

[Li, Liyao](#) (Heilongjiang Institute of Technology, Harbin University of Science and Technology, Harbin 150040, Heilongjiang Province, China); [Lü, Yan-Ling](#) **Source:** *Asia-Pacific Power and Energy Engineering Conference, APPEEC, 2012, APPEEC 2012 - 2012 Asia-Pacific Power and Energy Engineering Conference, Proceedings*

Database: Compendex

[Abstract](#) | [Detailed](#) |

194. Seven dimension chaotic system and its circuit implementation

[Zhu, Jianliang](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Yu, Chunyu](#) **Source:** *Advanced Materials Research*, v 588-589, p 1251-1254, 2012, *Advances in Mechanics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

195. Three-dimension electric field analysis of yoke clamp limb area at the transformer winding end

[Zhang, Pei-Hong](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Shan, Tao](#); [Shi, Ya-Juan](#); [Qi, Yu-Lin](#); [Du, Xue-Cheng](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 10, p 26-30, October 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

196. Application of an improved UKF algorithm in mobile-robot localization system

[Ren, Fujun](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Xiuhua](#); [Jiang, Yongcheng](#); [Sun, Zhongwei](#) **Source:** *Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University*, v 33, n 10, p 1289-1294, October 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

197. Experimental research on elastic modulus of composites pad thrust bearing

[Zhou, Defan](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang, 150080, China); [Meng, Xiuli](#); [Yu, Xiaodong](#); [Qiu, Zhixin](#); [Gao, Chunli](#); [Tan, Li](#); [Li, Huanhuan](#); [Wang, Weishun](#) **Source:** *International Journal of Advancements in Computing Technology*, v 4, n 22, p 706-713, December 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

198. Dielectric spectra properties of Low-density polyethylene(LDPE) / zeolite nanoscale composite

[Han, Bai](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, 150080, China); [Sun, Zhi](#); [Zhang, Dong](#); [Li, Lin](#); [Wang, Xuan](#); [Lei, Qingquan](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

199. **Research on preparation and properties of PI-EP composite material**

[Chen, Yufei](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Yue, Wei](#); [Bian, Zongzhen](#); [Fan, Yong](#); [Chen, Yating](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

200. **Position sensorless detection of SRM based on BP neural network**

[Zhou, Yongqin](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin Heilongjiang, China); [Wu, Xiaogang](#); [Yu, Tengwei](#); [Bai, Chao](#); [Li, Wenjuan](#) **Source:** *Advanced Materials Research*, v 546-547, p 1580-1585, 2012, *Electrical Insulating Materials and Electrical Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

201. **Forecasting of time series model with stable errors**

[Chen, Hailong](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [You, Chengji](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 298-302, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

202. **SOPC realization of image acquisition and real-time network monitoring system**

[Xue, Ping](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Hou, Juanjuan](#); [Wang, Haichao](#); [Li, Wenchao](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 693-697, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

203. **Safety recession characteristics of high speed milling cutter**

[Jiang, Bin](#) (Machinery Industry Key Laboratory of Chip Control and High Efficiency Tool Technology, Harbin University of Science and Technology, 52 Xuefu Road, Harbin 150080, China); [Zhao, Peiyi](#); [Xia, Danhua](#); [Song, Jiguang](#); [Wang, Songtao](#) **Source:** *Key Engineering Materials*, v 522, p 76-80, 2012, *Progress in Advanced Manufacturing Technologies*

Database: Compendex

[Abstract](#) | [Detailed](#) |

204. **Calculation and analysis of magnetic slot wedge impact on performances of medium-size motors with high-voltage**

[Meng, Dawei](#) (Harbin University of Science and Technology, No. 52 Xuefu Road, Harbin 150080, China); [Li, Baoyan](#); [Xia, Yunyan](#) **Source:** *Journal of Computational and Theoretical Nanoscience*, v 9, n 10, p 1782-1786, October 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#)

205. **Research of robust feature for speech recognition**

[Ren, Xianghua](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Jiang, Yunxia](#) **Source:** *Advanced Materials Research*, v 532-533, p 1162-1166, 2012, *Materials Science and Information Technology II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

206. **Dry sliding wear behaviour of Mg-10Gd-3Y-0.4Zr alloy**

[Hu, Maoliang](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Wang, Qudong](#); [Chen, Changjiang](#); [Yin, Dongdi](#); [Ding, Wenjiang](#); [Ji, Zesheng](#) **Source:** *Materials and Design*, v 42, p 223-229, December 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

207. **Stimulus generation for RF MEMS switches test application**

[Song, Mingxin](#) (Harbin University of Science and Technology, P.O. Box 124, Nangang District, 150080, Heilongjiang, China); [Yin, Jinghua](#); [Cao, Zuobao](#); [Wu, Tong](#); [Zhao, Yu](#); [Jin, Zhao](#); [Zjajo, Amir](#) **Source:** *International Journal of Simulation and Process Modelling*, v 7, n 1-2, p 107-114, July 2012, *Special Issue on Advances in Simulation and Process Modelling*

Database: Compendex

[Abstract](#) | [Detailed](#) |

208. **Effect of magnetic field on conductivity properties of polyethylene/carbon filler composites**

[Li, Changming](#) (Key Laboratory of Engineering Dielectric and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin 150040, China); [Zhang, Yang](#); [Wang, Ding](#); [Sheng, Boyao](#) **Source:** *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 27, n 5, p 121-125, May 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

209. **Network safety evaluation of universities based on ant colony optimization algorithm and least squares support vector machine**

[Ying, E.](#) (Harbin University of Science and Technology, Harbin 150040, China) **Source:** *Journal of Convergence Information Technology*, v 7, n 12, p 419-427, July 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

210. **Dielectric spectrum analysis of compound dielectric with nano Fe₃O₄ modified and low density polyethylene**

[Zhang, Dong](#) (College of Electrical and Electronic Engineer, Harbin University of Science and Technology, Harbin 150080, China); [Song, Wei](#); [Sun, Zhi](#); [Han, Bai](#); [Lei, Qingquan](#) **Source:** *Gaodiyana Jishu/High Voltage Engineering*, v 38, n 4, p 807-813, April 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

211. **Algorithms comparison of control points planning of target archwire**

[Jiang, Jixiong](#) (Intelligent Machine Institute, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang District, Harbin 150080, China); [Zhang, Yongde](#); [Liu, Yanju](#); [Liu, Yi](#) **Source:** *ICIC Express Letters, Part B: Applications*, v 3, n 4, p 923-930, August 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

212. **Research on the deformation mechanism and failure behavior of punch bonding technology with dissimilar sheet metals**

[Li, Feng](#) (Department of Material Science and Engineering, Harbin University of Science and Technology, P.O. Box 317, Harbin 150040, China); [Li, Jian Hui](#); [Li, Chao](#); [Wang, L.L.](#) **Source:** *JOM*, v 64, n 5, p 600-606, May 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

213. **An image reconstruction method based on simulated annealing and back propagation algorithm for electrical capacitance tomography**

[Wang, Lili](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Chen, Deyun](#); [Xu, Liyuan](#); [Zhang, Zhen](#); [Yu, Xiaoyang](#) **Source:** *Information Technology Journal*, v 11, n 7, p 936-940, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

214. **Influence characteristics of cutting-contact stress on the wear of milling cutter in high speed ball-end milling hardened steel**

[Jiang, Bin](#) (Machinery Industry Key Laboratory of Chip Control and High Efficiency Tool Technology, Harbin University of Science and Technology, 52 Xuefu Road, Harbin, 150080, China); [Zhao, Peiyi](#); [Wang, Yongzhong](#); [Fan, Yihang](#) **Source:** *Advanced Materials Research*, v 500, p 192-197, 2012, *Advances in Materials Processing X*

Database: Compendex

[Abstract](#) | [Detailed](#) |

215. **Research on sticking failure characteristics of cemented carbide blade**

[Li, Zhe](#) (Harbin University of Science and Technology Engineering, Harbin 150080, China); [Zheng, Min Li](#); [Chen, Xian Zhi](#); [Tong, Meng](#) **Source:** *Advanced Materials Research*, v 500, p 211-217, 2012, *Advances in Materials Processing X*

Database: Compendex

[Abstract](#) | [Detailed](#) |

216. **Study on friction heat and force about friction forming hole**

[Xu, Xiaocun](#) (Harbin University of Science and Technology, Harbin, 150080, China); [Xin, Xiangkai](#); [Fu, Xiaoliang](#); [Ning, Qiuli](#) **Source:** *Advanced Materials Research*, v 502, p 412-415, 2012, *Progress in New Materials and Mechanics Research*

Database: Compendex

[Abstract](#) | [Detailed](#) |

217. **Research on the simplification algorithm of simulation trainer model**

[Meng, Qing-Song](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Yuan, Hai-Bo](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 2, p 102-106, February 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

218. **Design on electro-hydraulic proportional controller**

[Yongmei, Jiang](#) (Engineering Training Center of Harbin University of Science and Technology, China) **Source:** *Advances in Information Sciences and Service Sciences*, v 4, n 2, p 101-109, February 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(5\)](#) |

219. **Experimental study on temperature sensing characteristics of fiber Bragg grating packaged by copper capillary without strain**

[Wang, Peng](#) (Electrical and Electronic Engineering College, Harbin University of Science and Technology, Harbin 150080, China); [Zhao, Hong](#); [Liu, Jie](#); [Zhang, Wei-Chao](#); [Song, Fang-Chao](#) **Source:** *Guangdianzi Jiguang/Journal of Optoelectronics Laser*, v 23, n 3, p 434-438, March 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(6\)](#)

220. **Research on genetic-based algorithm relocation fault tolerance method**

[Zhang, Jun-Feng](#) (Instrument Science and Technology Postdoctoral Workstation, Harbin University of Science and Technology, Harbin 150080, China); [Chen, De-Yun](#); [Hong, Bing-Rong](#); [Su, Jian-Min](#) **Source:** *Yuhang Xuebao/Journal of Astronautics*, v 33, n 2, p 249-253, February 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

221. **Analysis of the wind power forecasting performance based on high-order Markov chain models**

[Zhou, Feng](#) (Harbin University of Science and Technology, Harbin 150080, China); [Jin, Li-Si](#); [Wang, Bing-Quan](#); [Zhang, Zai-Li](#) **Source:** *Dianli Xitong Baohu yu Kongzhi/Power System Protection and Control*, v 40, n 6, p 6-10+16, March 16, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

222. **Preparation and character measurements of ZrO₂ films for RF magnetron sputtering**

[Gui, Tailong](#) (College of Applied Sciences, Harbin University of Science and Technology, Harbin 15008, China); [Wen, Jiyang](#); [Mei, Jinshuo](#) **Source:** *Advanced Materials Research*, v 490-495, p 3358-3361, 2012, *Mechatronics and Intelligent Materials II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

223. **Empirical modeling of high-speed WEDM finishing in gas**

[Lu, Yumei](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology, 52 Xuefu Road, Harbin, 150080, China); [Wang, Tong](#); [Wang, Chaoqun](#); [Wang, Chengwen](#) **Source:** *Advanced Materials Research*, v 486, p 503-508, 2012, *Nanotechnology and Advanced Materials*

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

224. **A novel multi-layer intelligent test and adjustment technology for water injection well**

[Jia, Deli](#) (Harbin University of Science and Technology, Harbin 150080, China); [Wang, Fengshan](#); [Zhang, Shujin](#) **Source:** *Advanced Materials Research*, v 424-425, p 732-736, 2012, *Advanced Research on Engineering Materials, Energy, Management and Control*

Database: Compendex

[Abstract](#) | [Detailed](#) |

225. **Fabrication and properties of Nano-BaTiO₃/polyimide composite film**

[Weng, Ling](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Liu, Lizhu](#); [Yang, Liqian](#); [Cao, Zhenxing](#); [Wang, Cheng](#) **Source:** *Gaofenzi Cailiao Kexue Yu Gongcheng/Polymeric Materials Science and Engineering*, v 28, n 2, p 113-116, February 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

226. **System for detecting the defects of steel tubes based on electromagnetic acoustic technology**

[Shi, Dequan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Gao, Guili](#) **Source:** *Advanced Materials Research*, v 383-390, p 5339-5343, 2012, *Manufacturing Science and Technology*

Database: Compendex

[Abstract](#) | [Detailed](#) |

227. **Calculation on thermal field of a doubly-fed induction generator with axial-radial ventilation cooling system**

[Zhang, Zhiqiang](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Ge, Baojun](#) **Source:** *Advanced Materials Research*, v 383-390, p 7004-7010, 2012, *Manufacturing Science and Technology*

Database: Compendex

[Abstract](#) | [Detailed](#) |

228. **Preparation of MgO/LDPE nanocomposites and its space charge property**

[Xu, Mingzhong](#) (Key Laboratory of Engineering Dielectrics and Their Application, Ministry of Education, Harbin University of Science and Technology, Harbin 150080, China); [Zhao, Hong](#); [Ji, Chao](#); [Yang, Jiaming](#); [Zhang, Wenlong](#) **Source:** *Gaodiyana Jishu/High Voltage Engineering*, v 38, n 3, p 684-690, March 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(2\)](#) |

229. **Improvement on temperature-sensing property of low-density polyethylene based PTC composites with static magnetic field treatment**

[Han, Baozhong](#) (Key Laboratory of Engineering Dielectric and Its Application, Harbin University of Science and Technology, Ministry of Education, Harbin, 150080, China); [Ma, Fenglian](#); [Li, Changming](#) **Source:** *Advanced Materials Research*, v 393-395, p 139-143, 2012, *Biotechnology, Chemical and Materials Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

230. **A study on the application feasibility of raw ice and snow materials in cold area: Urban landscape materials in Harbin as an example**

[Zhang, Lei](#) (Harbin University of Science and Technology, Harbin, Heilongjiang, China) **Source:** *Advanced Materials Research*, v 460, p 351-355, 2012, *Advanced Materials and Its Application, AMA2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

231. **Influence of Al-10RE modification on microstructure and mechanical properties of ZL203 aluminum alloy**

[Shi, Dequan](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Gao, Guili](#); [Gao, Zhiwei](#); [Wang, Yanliu](#); [Wang, Xudong](#) **Source:** *Advanced Materials Research*, v 365, p 98-103, 2012, *Future Materials Engineering and Industry Application*

Database: Compendex

[Abstract](#) | [Detailed](#) |

232. **Influence of different connectors on mechanical performance of composite box girder with corrugated steel webs**

[Wang, Shengbao](#) (College of civil Engineering and Architecture, Harbin University of Science and Technology, Harbin 150080, China) **Source:** *Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University*, v 33, n 12, p 1492-1497, December 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

233. **The application of improved BP neural network in the engine fault diagnosis**

[Lu, Di](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang 150080, China); [Wang, Jie](#) **Source:** *Chinese Control Conference, CCC*, p 3352-3355, 2012, *Proceedings of the 31st Chinese Control Conference, CCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#)

234. **Validation of the reciprocity gap method for Maxwell's equations**

[Jiyu, Sun](#) (Higher Educational Key Laboratory for Measuring and Control Technology, Harbin University of Science and Technology, Harbin, 150040, China); [Jitao, Zhang](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 1428-1433, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

235. **Antinoise performance analysis of spread spectrum system**

[Yang, Mingji](#) (School of Measurement and Control Technology and Communications Engineering, Higher Educational Key Laboratory for Measuring and Control Technology, Harbin University of Science and Technology, Harbin, China); [Wang, Aili](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 1443-1447, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

236. **Study on influential factors of low-carbon performance of manufacturing green innovation system**

Bi, Ke-Xin (School of Management, Harbin University of Science and Technology, 150080, China); Yang, Shu-Fang; Li, Jian **Source:** *International Conference on Management Science and Engineering - Annual Conference Proceedings*, p 1584-1590, 2012, *2012 International Conference on Management Science and Engineering, ICMSE 2012 - 19th Annual Conference Proceedings*

Database: Compendex

[Abstract](#) | [Detailed](#) |

237. **Nanoindentation properties of as-soldered low-Ag SAC-Bi-Ni/Cu**

Liu, Yang (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Sun, Fenglian; Wang, Guojun; Zou, Pengfei **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

238. **Research on fault detection algorithm for frequency conversion hydraulic system based on the PSO-BP**

Li, Tan (Engineering training center, Harbin University of Science and Technology, Heilongjiang, Harbin, 150080, China) **Source:** *International Journal of Digital Content Technology and its Applications*, v 6, n 23, p 634-641, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

239. **Effect of RE element addition and processing parameters on the shear strength and interfacial IMCs of SAC solder joints**

Zhu, Yandan (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); Wang, Lifeng; Liu, Yang; Lv, Ye **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

240. **Effects of electrode coating composition on deposition efficiency and power consumption**

Meng, Gongge (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); Chu, Jijun; Zhang, Jing **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

241. **Cold-pressing deformation characteristics of steel-aluminum sheets joining**

Li, Feng (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Lin, Jun-Feng; Sui, Xiao-Chong; Bian, Nan; Xu, Ming-Da **Source:** *Transactions of Nonferrous Metals Society of China (English Edition)*, v 22, n SUPPL.2, p s553-s559, December 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

242. Performance analysis of anti narrow-band noise in spread spectrum system

Yang, Mingji (College of Measurement-Control Technology and Communication Engineering, Harbin University of Science and Technology, Harbin, China); Lu, Xinmiao **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

243. The third party logistics supplier selection and evaluation

Xiu, Guoyi (Harbin University of Science and Technology, Harbin, China); Chen, Xiaohua **Source:** *Journal of Software*, v 7, n 8, p 1783-1790, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

244. Analysis and experimentation of the robotic system for archwire bending

Zhang, Yongde (Intelligent Machine Institute, Harbin University of Science and Technology, Harbin, 150080, China); Jiang, Jixiong **Source:** *Applied Mechanics and Materials*, v 121-126, p 3805-3809, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

245. Design of the CNC milling tool selection system

Sui, Xiulin (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); Hu, Na; Zhang, Chunhong **Source:** *Applied Mechanics and Materials*, v 148-149, p 153-157, 2012, *Mechanical Engineering, Materials and Energy*

Database: Compendex

[Abstract](#) | [Detailed](#) |

246. Fault detection in industry process based on optimal basis wavelet packet de-noising combining with KPCA

Lv, Ning (School of Automation, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang District, Harbin 150080, China); Pan, Mingyu; Wen, Daosong; Li, Guangliang **Source:** *ICIC Express Letters, Part B: Applications*, v 3, n 6, p 1371-1378, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

247. High dimensional real-valued detector distribution optimization algorithm for intrusion detection based on immunity

[Liu, Hailong](#) (Department of Computer Science and Technology, College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Fengbin](#); [Xi, Liang](#) **Source:** *Qinghua Daxue Xuebao/Journal of Tsinghua University*, v 52, n 10, p 1415-1419, October 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

248. Optimization algorithm of control points planning of archwire bending forming

[Zhang, Yongde](#) (Intelligent Machine Institute, Harbin University of Science and Technology, Harbin, China); [Jiang, Jixiong](#) **Source:** *International Journal of Digital Content Technology and its Applications*, v 6, n 22, p 590-599, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

249. Electromagnetic radiation from carbon nanotube at terahertz frequency

[Wang, Yue](#) (Department of Electric Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Mei, Jin Shuo](#); [Chen, Ming Hua](#); [Wu, Qun](#); [Zhang, Kuang](#) **Source:** *Proceedings of 2012 5th Global Symposium on Millimeter-Waves, GSMM 2012*, p 554-558, 2012, *Proceedings of 2012 5th Global Symposium on Millimeter-Waves, GSMM 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

250. Microstructure changes of polyimide/MMT-AIN composite hybrid films under corona aging

[Chen, M.H.](#) (School of Applied Science, Harbin University of Science and Technology, Harbin 150080, China); [Yin, J.H.](#); [Bu, W.B.](#); [Liu, X.X.](#); [Su, B.](#); [Lei, Q.Q.](#) **Source:** *Applied Surface Science*, v 263, p 302-306, December 15, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

251. Research on the trap energy levels in dielectric by non-isothermal PSD

[He, Lijuan](#) (Harbin University of Science and Technology, Harbin, 150080, China); [Li, Dawei](#); [Xie, Haiping](#); [Wang, Xuan](#); [Lei, Qingquan](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

252. Boron nitride filled immiscible blends of polyethylene and ethylene-vinyl acetate copolymer: Morphology and dielectric properties

[Dong, W.Z.](#) (School of Material Science and Engineer, Harbin University of Science and Technology, Harbin, China); [Han, Z.D.](#); [Han, B.Z.](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

253. Preparation and characterization of multiferroics BiFeO₃

[Song, Wei](#) (College of Electrical and Electronic Engineer, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Xuan](#); [Zhang, Dong](#); [Sun, Zhi](#); [Han, Bai](#); [He, Li-Juan](#); [Lei, Qing-Quan](#) **Source:** *Wuji Cailiao Xuebao/Journal of Inorganic Materials*, v 27, n 10, p 1053-1057, October 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

254. Research on hardware compensation for high altitude humidity acquisition and experimental verification

[Shi, Yunbo](#) (Institute of Measurement and Communication, Harbin University of Science and Technology, Harbin, China); [Luo, Yi](#); [Shang, Chunxue](#); [Qiu, Yang](#) **Source:** *Advances in Information Sciences and Service Sciences*, v 4, n 20, p 520-528, November 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

255. Precipitation behavior of a maraging stainless steel

[Jiang, Yue](#) (College of Applied Science, Harbin University of science and Technology, China); [Ying, Ying Ai](#); [Wang, Qi Ting](#) **Source:** *Advanced Materials Research*, v 567, p 92-95, 2012, *Metallurgy Technology and Materials*

Database: Compendex

[Abstract](#) | [Detailed](#) |

256. Research on near-fault problems in earthquake engineering

[Lu, Chengjiang](#) (School of Architecture and Civil Engineering, Harbin University of Science and Technology, Heilongjiang Harbin 150080, China) **Source:** *Telkomnika*, v 10, n 5, p 1033-1039, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

257. Research on torque ripple modulation for permanent brushless DC motor based on DSP

[Bi, Shengyao](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, China); [Zhou, Meilan](#); [Gao, Zhaoming](#); [Gu, Quan](#) **Source:** *Conference Proceedings - 2012 IEEE 7th International Power Electronics and Motion Control Conference - ECCE Asia, IPEMC 2012*, v 4, p 2516-2521, 2012, *Conference Proceedings - 2012 IEEE 7th International Power Electronics and Motion Control Conference - ECCE Asia, IPEMC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

258. Simulation system of the performance of power battery for electrical vehicle based on internet of things

[Wang, Haiying](#) (Automation College, Harbin University of Science and Technology, Harbin, China); [He, Long](#); [Qi, Xin](#); [Wang, Hongbo](#); [Li, Gechen](#); [Dai, Xianqing](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 681-684, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

259. Modified function projective synchronization of two different chaotic systems with parameter perturbations

[Du, Hongyue](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Lü, Ning](#); [Li, Feng](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 761-764, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

260. FIR digital filter design and MATLAB simulation

[Sun, Zhenhe](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Yu, Wei](#); [He, Chen](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 677-680, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

261. Control strategy for main steam pressure of combustion system of pulverized coal boiler

[Huang, Jinjie](#) (Department of Automation, Harbin University of Science and Technology, Harbin, China); [Cheng, Guangming](#); [Chi, Xiaolin](#); [Zhang, Yujie](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 805-808, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

262. Control strategy of flow on single layer of injection well

[Jia, De-Li](#) (College of Automation, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Xu, Sheng-Nan](#); [Wang, Yao](#); [Cui, Cai-Hao](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 765-768, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

263. **Research of direct drive technology for gear measuring center based on ACR9000**

[Yang, Ling](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., College of Measure-Control Tech. and Communication Engineer, Harbin University of Science and Technology, Harbin 150080, China); [Chen, Lei](#); [Zhao, Pei](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 129-132, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

264. **The classification and recognition of power quality disturbance based on S transform**

[Zhang, Rui](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Zhang, Tao](#); [Yao, Hongjiao](#); [Liu, Sheng](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 663-667, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

265. **A method for feature selection based on the correlation analysis**

[Huang, Jinjie](#) (Department of Automation, Harbin University of Science and Technology, Harbin, China); [Huang, Ningning](#); [Zhang, Luo](#); [Xu, Hongmei](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 529-532, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

266. **Preparation and evaluation of a photo-fenton heterogeneous catalyst: Spinel-typed**

ZnFe₂O₄

[Li, Ping](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Xu, Huan-Yan](#); [Li, Xue](#); [Liu, Wei-Chao](#); [Li, Yan](#) **Source:** *Advanced Materials Research*, v 550-553, p 329-335, 2012, *Advances in Chemical Engineering II*

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

267. **Development of a system for fast measuring hydrogen content in aluminum alloy melt based on dynamic measurement of hydrogen partial pressure**

[Sun, Qian](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Li, Da-Yong](#); [Wang, Li-Hua](#) **Source:** *Beijing Keji Daxue Xuebao/Journal of University of Science and Technology Beijing*, v 34, n 9, p 1072-1076, September 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

268. **Wavelet-based watermarking through pixel-wise masking using a novel PSNR and robustness predictor**

[Liu, Shenghui](#) (School of Software, Harbin University of Science and Technology, Harbin 150040, China); [Liu, Zhiwei](#); [Huang, Hai](#) **Source:** *Journal of Computational and Theoretical Nanoscience*, v 9, n 10, p 1787-1792, October 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

269. **Research on ZnO nanowire manipulation method in scanning electron microscope**

[Li, Dongjie](#) (School of Automation, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang Dist., Harbin 150080, China); [Wang, Jinyu](#); [You, Bo](#); [Rong, Weibin](#); [Zou, Jiaou](#) **Source:** *ICIC Express Letters, Part B: Applications*, v 3, n 5, p 1077-1084, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

270. **Simultaneous generation and Brillouin amplification of a dark hollow beam with a liquid-core optical fiber**

[Gao, Wei](#) (Department of Optics Information Science and Technology, Harbin University of Science and Technology, Harbin 150001, China); [Hu, Xiaobo](#); [Sun, Di](#); [Li, Jianyi](#) **Source:** *Optics Express*, v 20, n 18, p 20715-20720, August 27, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

271. **Non-fragile reliable robust control of quadruped search-rescue robot based on kinetics features analysis**

[Peng, Wang](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); [Jixiang, Li](#); [Yuan, Zhang](#) **Source:** *Advances in Information Sciences and Service Sciences*, v 4, n 13, p 209-226, July 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

272. **Guaranteed cost non-fragile robust control strategy of walking simulation for quadruped search-rescue robot based on kinematics model**

[Peng, Wang](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Jixiang, Li](#); [Yuan, Zhang](#) **Source:** *International Journal of Digital Content Technology and its Applications*, v 6, n 14, p 446-455, August 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

273. **Solderability, IMC evolution, and shear behavior of low-Ag Sn0.7Ag0.5Cu-BiNi/Cu solder joint**

[Liu, Yang](#) (School of Material Science and Engineering, Harbin University of Science and Technology, 4# Linyuan Road, Harbin 150040, China); [Sun, Fenglian](#); [Zhang, Hongwu](#); [Zou, Pengfei](#) **Source:** *Journal of Materials Science: Materials in Electronics*, v 23, n 9, p 1705-1710, September 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(2\)](#) |

274. **Research on the excavating enterprise cluster structure based on the cluster analysis method**

[Yin, Xuemei](#) (Harbin University of Science and Technology, Harbin Heilongjiang, 150080, China) **Source:** *Journal of Convergence Information Technology*, v 7, n 11, p 321-328, June 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#)

275. **A V-detector optimization algorithm**

[Zhang, Fengbin](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, 150080, China); [Xi, Liang](#); [Wang, Shengwen](#); [Yue, Xin](#) **Source:** *Gaojishu Tongxin/Chinese High Technology Letters*, v 22, n 5, p 449-454, May 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

276. **Discrete variable structural optimization based on multidirectional fuzzy genetic algorithm**

[Lai, Yanan](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Dai, Ye](#); [Bai, Xue](#); [Chen, Dongyan](#) **Source:** *Chinese Journal of Mechanical Engineering (English Edition)*, v 25, n 2, p 255-261, March 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

277. **Hydrogen-production of hydrogen-producing bacteria at different temperatures in batch culture**

[Qin, Zhi](#) (School of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Li, Dan](#) **Source:** *Advanced Materials Research*, v 512-515, p 1400-1403, 2012, *Renewable and Sustainable Energy II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

278. **The image space of one type of continuous wavelet transform and its property**

[Deng, Caixia](#) (Applied Science College, Harbin University of Science and Technology, Harbin 150080, China); [Fu, Zuoxian](#); [Li, Shuai](#) **Source:** *International Journal of Wavelets, Multiresolution and Information Processing*, v 10, n 3, May 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

279. **FEM on constitutive equation of high strength stress steel GCr15**

[Liu, Xianli](#) (Harbin University of Science and Technology, Haerbin, 150080, China); [Yue, Caixu](#); [Yu, Ming](#)
[Ming](#); [Zhang, Jiayi](#); [Wu, Mingyang](#) **Source:** *Advanced Materials Research*, v 500, p 569-573, 2012,
Advances in Materials Processing X

Database: Compendex

[Abstract](#) | [Detailed](#) | [Full text](#)

280. **The analysis and evaluation method of assembly accuracy reliability of heavy duty machine tool**

[Cheng, Fenglan](#) (Machinery Industry Key Laboratory of Chip Control and High Efficiency Tool Technology, Harbin University of Science and Technology, 52 Xuefu Road, Harbin 150080, China); [Jiang, Bin](#); [Li, Ying](#); [Zheng, Minli](#) **Source:** *Advanced Materials Research*, v 500, p 608-613, 2012, *Advances in Materials Processing X*

Database: Compendex

[Abstract](#) | [Detailed](#) |

281. **Lecture notes in electrical engineering: Magnetic field parameter calculation of permanent magnet reciprocating generator**

[Lu, Yufeng](#) (Harbin University of Science and Technology, No.52, Xuefu Road, Harbin, Heilongjiang, China); [Meng, Dawei](#); [Xu, Yongming](#); [Wang, Xifeng](#) **Source:** *Lecture Notes in Electrical Engineering*, v 135 LNEE, p 287-293, 2012, *Measuring Technology and Mechatronics Automation in Electrical Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

282. **Application of expert fuzzy PID method for temperature control of heating furnace**

[Shi, Dequan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Gao, Guili](#); [Gao, Zhiwei](#); [Xiao, Peng](#) **Source:** *Procedia Engineering*, v 29, p 257-261, 2012, *2012 International Workshop on Information and Electronics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

283. **Research on design key technologies for high-power submersible motor**

[Xu, Yong-Ming](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Meng, Da-Wei](#); [Tan, Jin](#) **Source:** *Advanced Materials Research*, v 383-390, p 414-419, 2012, *Manufacturing Science and Technology*

Database: Compendex

[Abstract](#) | [Detailed](#) |

284. **Simulation analysis on temperature field for doubly fed wind generator used in high altitude condition**

[Shuye, Ding](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin City 150040, China); [Yunzhong, Ge](#); [Xiangping, Lü](#) **Source:** *Lecture Notes in*

Electrical Engineering, v 138 LNEE, p 2007-2015, 2012, *Electrical, Information Engineering and Mechatronics 2011 - Proceedings of the 2011 International Conference on Electrical, Information Engineering and Mechatronics, EIEM 2011*

Database: Compendex

[Abstract](#) | [Detailed](#) |

285. The electronic properties of Al-, P-doped and Al, P co-doped boron nitride nanotubes

[Sun, Miao](#) (College of Chemistry and Environmental Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Wu, Gonglian](#); [Ye, Ting](#); [Zhang, Hui](#); [Yang, Zhaodi](#); [Li, Zesheng](#) **Source:** *Advanced Materials Research*, v 399-401, p 2215-2221, 2012, *New Materials, Applications and Processes*

Database: Compendex

[Abstract](#) | [Detailed](#) |

286. Study on influence of milk proteins detection by light scattering

[Yong, Qin](#) (College of Measurement and Control Technology and Communication Engineering, Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., Harbin University of Science and Technology, Harbin 150080, China); [Zhen, Zhou](#); [Jing, Hou](#); [Wang, Lijie](#) **Source:** *Key Engineering Materials*, v 500, p 76-79, 2012, *Advanced Materials in Microwaves and Optics, AMMO2011*

Database: Compendex

[Abstract](#) | [Detailed](#) |

287. The practical stabilization for a class of networked systems with actuator saturation and input additive disturbances

[Chen, Dongyan](#) (Department of Applied Mathematics, Harbin University of Science and Technology, Harbin 150080, China); [Li, Shanqiang](#); [Shi, Yujing](#) **Source:** *Mathematical Problems in Engineering*, v 2012, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

288. Unstructured road detection based on adaptive edge matching

[Chen, Deyun](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Yanqing](#); [Shi, Chaoxia](#) **Source:** *Gaojishu Tongxin/Chinese High Technology Letters*, v 22, n 3, p 256-262, March 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

289. The mathematical model of welding process comparative study of identification method

[Wu, Junfeng](#) (Automatic College, Harbin University of Science and Technology, Harbin 150080, China); [Huang, Jing](#) **Source:** *Advanced Materials Research*, v 472-475, p 2241-2244, 2012, *Advanced Manufacturing Technology*

Database: Compendex

[Abstract](#) | [Detailed](#)

290. **A parallel encryption algorithm for dual-core processor based on chaotic map**

[Liu, Jiahui](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Song, Dahua](#); [Xu, Yiqiu](#) **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 8350, 2012, *Fourth International Conference on Machine Vision, ICMV 2011: Computer Vision and Image Analysis; Pattern Recognition and Basic Technologies*

Database: Compendex

[Abstract](#) | [Detailed](#) |

291. **Learning algorithm and hidden node selection scheme for local coupled feedforward neural network classifier**

[Sun, Jianye](#) (Computation Center, Harbin University of Science and Technology, No 52, Xuefu Road, China) **Source:** *Neurocomputing*, v 79, p 158-163, 01 March 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

292. **Research on the benefit allocation model in ecological supply chain information share based on game theory**

[Xiu, Guo-Yi](#) (School of Economics, Harbin University of Science and Technology, 150001, China); [Chen, Xiao-Hua](#) **Source:** *International Conference on Management Science and Engineering - Annual Conference Proceedings*, p 583-588, 2012, *2012 International Conference on Management Science and Engineering, ICMSE 2012 - 19th Annual Conference Proceedings*

Database: Compendex

[Abstract](#) | [Detailed](#) |

293. **Outage performance analysis of cooperative diversity**

[Han, Yuhui](#) (School of Measurement and Control Technology and Communications Engineering, Higher Educational Key Laboratory for Measuring and Control Technology, Harbin University of Science and Technology, Harbin, China); [Yang, Mingji](#); [Wang, Aili](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 1398-1402, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

294. **Eddy current losses of end structures for 1000 MW air-cooled hydro-generator**

[Liang, Yanping](#) (Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Pei](#); [Chen, Jing](#); [Sun, Yutian](#) **Source:** *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 27, n 12, p 213-218, December 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

295. **FPGA implementation of a fast pipeline architecture for JND computation**

[Liu, Shenghui](#) (School of Software, Harbin University of Science and Technology, Harbin, China); [Liu, Zhiwei](#); [Huang, Hai](#) **Source:** *2012 5th International Congress on Image and Signal Processing, CISP 2012*, p 577-581, 2012, *2012 5th International Congress on Image and Signal Processing, CISP 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

296. **The predictive synchronous sampling system**

[Li, Dong-Ming](#) (School of Measurement and Control Technology and Communications Engineering, Higher Educational Key Laboratory for Measuring and Control Technology, Harbin University of Science and Technology, Harbin, China); [Yu, Xiao-Yang](#); [Zheng, Lu](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 1408-1412, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

297. **Analysis of chaotic characteristics on sEMG in hand gestures recognition**

[You, Bo](#) (Department of Automation, Harbin University of Science and Technology, Harbin, China); [Zhou, Lina](#); [Huang, Ling](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

298. **Mechanical properties of load-bearing beam with tree root type steel-concrete structure**

[Wang, Wenxue](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Tang, Hui](#); [Hao, Shanshan](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

299. **Cure monitoring of epoxy resin via use of FBG**

[Wang, Peng](#) (Key Laboratory of Engineering Dielectrics and Its Application, Harbin University of Science and Technology, HUST, Harbin, China); [Zhao, Hong](#); [Xiong, Yanling](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

300. **Harmonic vibration test for accelerated reliability assessment of board level packaging**

[Liu, Yang](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, 150030, Harbin, China); [Sun, Fenglian](#); [Zhang, Hongwu](#); [Zhou, Zhen](#); [Qin, Yong](#) **Source:** *Proceedings -*

2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

301. Study on the meso-mechanical characteristics of SAC0307-xCe micro-solder joints

[Wang, Lifeng](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Lv, Ye](#); [Dai, Hongbin](#); [Zhao, Zhili](#); [Liu, Meina](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

302. Semi-solid microstructure of AZ91D magnesium alloy recycled from waste chips during heat treatment

[Xu, Hongyu](#) (School of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Ji, Zesheng](#); [Hu, Maoliang](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

303. Low-speed control of heavy-load transfer robot with long telescopic boom based on Stribeck friction model

[You, Bo](#) (College of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Qiao, Ming](#); [Xu, Jiazhong](#); [Liu, Dan](#) **Source:** *Mathematical Problems in Engineering*, v 2012, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

304. Design of base station environment monitoring and control system based on network communication

[Tong, Ziquan](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., Harbin University of Science and Technology, Harbin 150080, China); [Li, Zhengchao](#); [Zhu, Dongmei](#); [Huang, Diancheng](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

305. Structure design and kinematics analysis of MRI-guided intervention robot

[Zhang, Yong-De](#) (Intelligent Machine Institute, Harbin University of Science and Technology, Harbin 150080, China); [Du, Hai-Yan](#); [Geng, Li-Wei](#); [Li, Yu-Qin](#); [Zhang, Hong-Xia](#); [Zhang, Yan-Hua](#) **Source:**

Applied Mechanics and Materials, v 121-126, p 2253-2257, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

306. The angle inspection and control system based on PLC and photoelectric encoder

[Shi, Xianjiang](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology, Harbin 150080, China); [Sun, Han](#); [Si, Wen](#); [Han, Jinzhi](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 1115-1119, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

307. Research on gait analysis and planning of quadruped search-rescue robot

[Wang, Peng](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Li, Xin](#); [Jiang, Wenhao](#); [Kang, Shaochen](#); [Xin, Jinglei](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 1484-1488, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

308. Study on the method of pavement quality test and device design

[Si, Junshan](#) (School of Mechanical and Power, Harbin University of Science and Technology, Harbin 150080, China); [Shi, Hong](#); [Shi, Xianjiang](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 1105-1109, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

309. Optimization design on ribbed slab for crossbeam of heavy NC gantry moving boring & milling machine

[Han, Guihua](#) (Department of Mechanical of Mechanical Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang Province, China); [Gao, Bingwei](#); [Wang, Yunfei](#); [Sun, Guitao](#); [Wu, Di](#); [Shao, Junpeng](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 3386-3390, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

310. Fuzzy comprehensive evaluation of cutting parameters when milling plane features of aeroengine structure parts

[Wang, Songtao](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Li, Zhe](#); [Zheng, Minli](#); [Fan, Yihang](#) **Source:** *Applied Mechanics and Materials*, v 117-119, p 539-544, 2012, *Materials and Computational Mechanics*

Database: Compendex

[Abstract](#) | [Detailed](#) |

311. Performance evaluation of the upside air-supply bottom-side air-return air distribution mode

[Li, Jiuru](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang, 150080, China); [Jia, Shuling](#); [Wang, Yan](#); [Kong, Xiangpeng](#); [Xu, Mingtao](#) **Source:** *Advanced Materials Research*, v 468-471, p 2513-2516, 2012, *Automation Equipment and Systems*

Database: Compendex

[Abstract](#) | [Detailed](#) |

312. Numerical studies on the flow field of stator and air gap for large air-cooled turbo-generator

[Han, Jiade](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); [Hong, Guangyu](#); [Tang, Lu](#); [Lu, Yiping](#) **Source:** *Advanced Materials Research*, v 516-517, p 970-975, 2012, *Electrical Power and Energy Systems*

Database: Compendex

[Abstract](#) | [Detailed](#) |

313. The rapid prediction method for impedance equivalent circuit model parameters of lithium-ion battery

[Li, Ran](#) (Automation College, Harbin University of Science and Technology, No. 52, Xuefu Rd, Nangang District, Harbin 150080, China); [Wu, Junfeng](#); [Wang, Haiying](#); [Li, Gechen](#) **Source:** *ICIC Express Letters, Part B: Applications*, v 3, n 4, p 869-876, August 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(2\)](#)

314. Process for co-production of 4-cumylphenol and 2, 4-dicumylphenol

[You, Jun](#) (Key Laboratory in University of Heilongjiang on Green Chemical Engineering and Technology, School of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150040, Heilongjiang, China); [Liu, Bo](#); [Duan, Congwen](#); [Qin, Weiyan](#); [Wang, Huijuan](#); [Tian, Haiyan](#) **Source:** *Huagong Xuebao/CIESC Journal*, v 63, n 5, p 1429-1436, May 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

315. Named entity recognition based on hierarchy temporal memory model

[Wang, Xiaoyu](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Chen, Deyun](#); [Jiang, Feng](#); [Cui, Xiangyang](#) **Source:** *Journal of Information and Computational Science*, v 9, n 6, p 1735-1740, June 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

316. Improved strategy of high voltage cascaded H-bridge STATCOM

Liu, Ji (State Key Laboratory Breeding Base of Dielectrics Engineering, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang Dist., Harbin 150080, Japan); Wei, Xinlao; Huang, Ling; Sun, Bing **Source:** *ICIC Express Letters, Part B: Applications*, v 3, n 3, p 681-688, June 2012

Database: Compendex

Abstract | Detailed

317. Preparation of high permeability NiCuZn ferrite powder with carbon as a fuel of SHS

Wang, Zhenhua (Applied Sciences College, Harbin University of Science and Technology, Harbin 150080, China); Jiang, Jiuxing; Tan, Changlong; Zhu, Zhihan **Source:** *Kuei Suan Jen Hsueh Pao/Journal of the Chinese Ceramic Society*, v 40, n 6, p 888-893, June 2012 **Language:** Chinese

Database: Compendex

Abstract | Detailed

318. Design and analysis of insulation structure for middle size induction motor with high efficiency and high voltage

Meng, Da-Wei (School of Electrical and Electric Engineering, Harbin University of Science and Technology, Harbin 150080, China); Jiang, Ming-Li **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 4, p 13-18, April 2012 **Language:** Chinese

Database: Compendex

Abstract | Detailed

319. Comprehensive calculation on ventilation and cooling of doubly-fed induction generator

Zhang, Zhi-Qiang (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Ge, Bao-Jun; Lü, Yan-Ling; Tao, Da-Jun **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 4, p 36-42, April 2012 **Language:** Chinese

Database: Compendex

Abstract | Detailed

320. Reliability growth assessment of direct-drive wind turbine in the trial operation

Guo, Jianying (Department of Measurement Technology and Instrument, Harbin University of Science and Technology, Harbin 150080, China); Sun, Yongquan; Liu, Xinhua; Wang, Mingyi **Source:** *Taiyangneng Xuebao/Acta Energiae Solaris Sinica*, v 33, n 5, p 757-762, May 2012 **Language:** Chinese

Database: Compendex

Abstract | Detailed

321. Experiment study on cutter disrepair principle and optimization for machining heat-resistant steel

Cheng, Yaonan (Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); Liu, Xianli; Yan, Fugang; Li, Zhenjia; Wang, Xianzhou **Source:** *Advanced Materials Research*, v 500, p 58-64, 2012, *Advances in Materials Processing X*

Database: Compendex

Abstract | Detailed |

322. Calculation and analysis on eddy current loss of damping bar under asymmetrical operation of 1000 MW hydro-generator

Liang, Yan-Ping (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); Sun, Yang; Chen, Jing; Sun, Yu-Tian **Source:** *Shenyang Gongye Daxue Xuebao/Journal of Shenyang University of Technology*, v 34, n 2, p 138-143, March 2012

Language: Chinese

Database: Compendex

Abstract | Detailed

323. Electromagnetic scattering of the carbon nanotubes excited by an electric line source

Wang, Yue (Department of Electrical Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); Wu, Qun; Wu, Yu-Ming; He, Xun-Jun; Li, Le-Wei **Source:** *Chinese Physics B*, v 21, n 1, January 2012

Database: Compendex

Abstract | Detailed |

324. Design and simulation of low-power multistage amplifiers

Ren, Mingyuan (School of Software, Harbin University of Science and Technology, Harbin, 150000, China) **Source:** *Advanced Materials Research*, v 378-379, p 655-658, 2012, *Applied Materials and Electronics Engineering, AMEE 2012*

Database: Compendex

Abstract | Detailed |

325. Evaluation method for students' grade statistics system based on fuzzy analytic hierarchy process

Lei, Shi (Harbin University of Science and Technology, Harbin 150080, China) **Source:** *Advanced Materials Research*, v 433-440, p 5339-5343, 2012, *Materials Science and Information Technology, MSIT2011*

Database: Compendex

Abstract | Detailed |

326. Calculation of iron loss in large hydro-generator under non-load

Li, Weili (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, HUST, Harbin, China); Liang, Dawei; Zhang, Yu **Source:** *Advanced Materials Research*, v 433-440, p 6096-6102, 2012, *Materials Science and Information Technology, MSIT2011*

Database: Compendex

Abstract | Detailed |

327. Flow control strategy for novel layered synchronous water injection technology in oilfield

Jia, Deli (School of Automatization, Harbin University of Science and Technology, Harbin 150080, China); Wang, Fengshan; Zhang, Shujin; Zhao, Mingxin **Source:** *Advanced Materials Research*, v

424-425, p 737-741, 2012, *Advanced Research on Engineering Materials, Energy, Management and Control*

Database: Compendex

Abstract | Detailed |

328. Research on an application-layer network performance measure method

Cui, Li-Jie (School of Software and Engineering, Harbin University of Science and Technology, Harbin, China); Li, Jin-Gang; Liu, Wei **Source:** *Procedia Engineering*, v 29, p 4063-4067, 2012, 2012
International Workshop on Information and Electronics Engineering

Database: Compendex

Abstract | Detailed |

329. Effect of Al-5Ti-B refiner on microstructure of Al-5Cu aluminum alloy

Shi, Dequan (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Shao, Yang; Gao, Guili; Gao, Zhiwei; Wang, Xudong **Source:** *Advanced Materials Research*, v 365, p 89-93, 2012, *Future Materials Engineering and Industry Application*

Database: Compendex

Abstract | Detailed |

330. Research on the application of virtual reality technology on industry automatic simulation

Jiang, Yongmei (Engineering Training Center, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China) **Source:** *Advanced Materials Research*, v 463-464, p 1155-1159, 2012, *Advanced Materials Research II*

Database: Compendex

Abstract | Detailed |

331. Theoretical study on the reaction $CX_3 + SiH(CH_3)_3$ (X = H, F)

Zhang, Hui (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150080, China); Yang, Liu; Liu, Jing-Yao; Li, Ze-Sheng **Source:** *Journal of Computational Chemistry*, v 33, n 2, p 203-210, January 15, 2012

Database: Compendex

Abstract | Detailed |

332. Investigation on quench sensitivity of a heat-resistant aluminum alloy

Lu, Xinyu (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); Li, Zhihui; Wang, Guojun; Zhang, Yongan; Xiong, Baiqing **Source:** *Materials Science Forum*, v 706-709, p 346-350, 2012, *THERMEC 2011*

Database: Compendex

Abstract | Detailed |

333. Research for multi-sensor information fusion algorithm of search and rescue robot based on embedded control network

Wang, Peng (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); Jiang, Wenhao; Li, Xin; Kang, Shaochen; Xin, Jinglei **Source:** *Journal of Computers*, v 7, n 5, p 1176-1183, 2012

Database: Compendex

Abstract | Detailed |

334. Comparison of maintenance methods for fly ash/gypsum/calces brickwork

Xu, Huan-Yan (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Li, Yan; Li, Ping; Liu, Wei-Chao **Source:** *Beijing Gongye Daxue Xuebao/Journal of Beijing University of Technology*, v 38, n 1, p 156-160, January 2012 **Language:** Chinese

Database: Compendex

Abstract | Detailed

335. Reliability analysis of multi-state Bayesian networks based on fuzzy probability

Ma, De-Zhong (College of Measurement-Control Technology and Communications Engineering, Harbin University of Science and Technology, Harbin 150040, China); Zhou, Zhen; Yu, Xiao-Yang; Fan, Shang-Chun; Xing, Wei-Wei; Guo, Zhan-She **Source:** *Xi Tong Gong Cheng Yu Dian Zi Ji Shu/Systems Engineering and Electronics*, v 34, n 12, p 2607-2611, December 2012 **Language:** Chinese

Database: Compendex

Abstract | Detailed |

336. Effect of nanoparticles loading on space charge characteristic of Al₂O₃-silicone rubber nanocomposites

Ma, Xin (States Key Laboratory Cultivation Base of Dielectrics Engineering, Harbin University of Science and Technology, 52 Xuefu Road, Harbin, 150080, China); Zhang, Peihong; Fan, Yong; Chen, Hao; Yang, Ruixiao **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

Abstract | Detailed |

337. Generation of a hollow laser beam by a liquid-core optical fiber

Hu, Xiaobo (Department of Optics Information Science and Technology, Harbin University of Science and Technology, Harbin, Heilongjiang 150080, China); Liu, Shengnan; Gao, Wei; Sun, Di; Zhang, Hongying; Zhang, Liuyang **Source:** *Zhongguo Jiguang/Chinese Journal of Lasers*, v 39, n 11, p 1105002, November 2012 **Language:** Chinese

Database: Compendex

Abstract | Detailed |

338. Research on flow press servo-valve controlling electro-hydraulic force control system and nonlinear performance analysis

Li, Jianying (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin Heilongjiang, China); Shao, Junpeng; Wang, Xiaojing; Qin, Bai; Qiao, Yujing **Source:** *Applied Mechanics and Materials*, v 121-126, p 4606-4612, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

Abstract | Detailed |

339. Bluetooth hands free system for fixed telephone research

Shang, Qinghua (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Liu, Ping **Source:** *Applied Mechanics and Materials*, v 198-199, p 1603-1608, 2012, *Applied Mechanics, Mechatronics Automation and System Simulation*

Database: Compendex

Abstract | Detailed |

340. Characterization of wood-polymer composite fabricated by polymerization of methyl methacrylate and styrene within wood

Li, Yongfeng (Key Laboratory of Bio-Based Material Science and Technology of Ministry of Education, Northeast Forestry University, Harbin 150040, China); Dong, Xiaoying; Liu, Yixing **Source:** *Applied Mechanics and Materials*, v 174-177, p 826-829, 2012, *Advanced Building Materials and Sustainable Architecture*

Database: Compendex

Abstract | Detailed |

341. Study on microstructure and performance of heat affected zone about friction forming hole

Xu, Xiaocun (Harbin University of Science and Technology, Harbin, Heilongjiang Province 150080, China); Fu, Xiaoliang; Zhang, Shuwen; Qiu, Feng; Liu, Fanghui **Source:** *Applied Mechanics and Materials*, v 201-202, p 1117-1120, 2012, *Advances in Engineering Design and Optimization III*

Database: Compendex

Abstract | Detailed |

342. Disparity image inpainting with improved method based on exemplar

Yu, Shuchun (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., Harbin University of Science and Technology, 150080, China); Yu, Xiaoyang; Fan, Jianying; Wu, Haibin; Wang, Yang; Feng, Qiaohua **Source:** *Applied Mechanics and Materials*, v 121-126, p 4431-4435, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

Abstract | Detailed |

343. The preparation and characteristics of chitosan-acetaminophen drug-loading microspheres

Zhou, Hao-Ran (Harbin University of Science and Technology, Harbin, Heilongjiang 150040, China); Zhang, Jing-Yu; Jiang, Hao **Source:** *Advanced Materials Research*, v 586, p 161-165, 2012, *Advanced Materials and Information Technology Processing II*

Database: Compendex

Abstract | Detailed |

344. Research on continuous variable cross-section direct extrusion (CVCDE)

Li, Feng (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Lin, Jun-Feng; Zhang, Xin-Long; Pan, Qiang-Rong **Source:** *Cailiao Kexue yu Gongyi/Material Science and Technology*, v 20, n 5, p 55-59, October 2012 **Language:** Chinese

Database: Compendex

Abstract | Detailed

345. Multiple watermarking for image authentication based on visual perception information

Yan, Yixin (College Measurement Control Technology and Communication Engineering, Harbin University of Science and Technology, Harbin 150080, China); Yu, Pengpeng; Liang, Yingqiao; Zhang, Xiaobing **Source:** *International Journal of Advancements in Computing Technology*, v 4, n 19, p 545-552, 2012

Database: Compendex

Abstract | Detailed |

346. Structural design of prostate biopsy robot based on TRIZ theory

Zhang, Yong-de (Intelligent Mechine Institute, Harbin University of Science and Technology, Harbin, China); Liu, Feng; Yu, Yan **Source:** *Advanced Materials Research*, v 538-541, p 3176-3181, 2012, *Materials Processing Technology II*

Database: Compendex

Abstract | Detailed |

347. Prerparation, structure and crystallization of modified LDH/polyethylene nanocomposites

Wang, Y. (School of Material Science and Engineer, Harbin University of Science and Technology, Harbin, China); Jiang, L.; Lai, W.W.; Cui, B.B.; Han, Z.D. **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

Abstract | Detailed |

348. Design of the financial accounting management system for universities

Liu, ChangHe (Harbin University of Science and Technology, Harbin, China); Wei, Ling; Xu, Rui; Jia, Jinlin **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 318-321, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

Abstract | Detailed |

349. The design of monitoring system based on CAN bus

Liu, Bo (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., Harbin University of Science and Technology, Harbin, China); Ji, Tao **Source:** *Proceedings of*

2012 International Conference on Measurement, Information and Control, MIC 2012, v 1, p 137-140, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

Abstract | Detailed |

350. The fabrication and UV photosensitive characteristics of Al/ZnO/Ag Schottky barrier diode

Wang, Changhao (Department of Electronic Science and Technology, College of Applied Science, Harbin University of Science and Technology, Heilongjiang Harbin 150080, China); Wang, Dongxing; Pang, Chao; Wang, Xiaolin; Yin, Jinghua; Zhao, Hong **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 659-662, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

Abstract | Detailed |

351. Based on neural network servo control system design

Xu, Jie (Harbin University of Science and Technology, Harbin, China); Jiang, Xiaolin; Yu, Xiaoyang **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 829-831, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

Abstract | Detailed |

352. Power control of induction heating inverse power supply

You, Bo (College of Automation, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); Xu, Peng; Wang, Jie; Zhang, Guijuan **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 809-812, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

Abstract | Detailed |

353. Based on the near-infrared soil organic matter content measurement system research

Yu, Xiaoyu (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentation of Heilongjiang Prov., Institute of Measurement-Control Technology and Communications Engineering, Harbin University of Science and Technology, Harbin, China); Shi, Yunbo; Xiu, Debin **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 163-167, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

Abstract | Detailed |

354. Cutting performance of cemented carbide tool in high-efficiency turning Ti6Al4V

Fan, Yihang (National and Local United Engineering Laboratory of High-efficiency Cutting and Tool Technology, Harbin University of Science and Technology, Harbin, 150080, China); Zheng, Minli; Li,

Zhe; Wang, Songtao; Li, Yingbin **Source:** *Key Engineering Materials*, v 522, p 231-235, 2012, *Progress in Advanced Manufacturing Technologies*

Database: Compendex

Abstract | Detailed |

355. An online kernel learning algorithm based on orthogonal matching pursuit

Zhao, ShiLei (School of Software, Harbin University of Science and Technology, Harbin, China); Wu, Peng; Liu, YuPeng **Source:** *Journal of Software*, v 7, n 9, p 2076-2082, 2012

Database: Compendex

Abstract | Detailed |

356. Theoretical study on the oxidation of zigzag silicon carbide nanotubes (SiCNTs) by singlet O₂

Wang, Hong (School of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150040, China); Liu, Wei; Zhao, Jing-Xiang **Source:** *Physica B: Condensed Matter*, v 407, n 21, p 4238-4243, November 1, 2012

Database: Compendex

Abstract | Detailed |

357. An extracting method based on analysis of current magnitude at zero-point of voltage for resistive current of MOA

Zhu, Baosen (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); Song, Fan; Wei, Xinlao **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 32, n 16, p 165-172, June 5, 2012 **Language:** Chinese

Database: Compendex

Abstract | Detailed

358. Design and properties research of capacitive RF-MEMS switch

Guo, Hai (Harbin University of Science and Technology, 52 Xuefu Road, Nangang, Harbin, China); Yin, Jinghua; Song, Mingxin; Zhao, Jingying **Source:** *International Journal of Simulation and Process Modelling*, v 7, n 1-2, p 123-131, July 2012, *Special Issue on Advances in Simulation and Process Modelling*

Database: Compendex

Abstract | Detailed |

359. Aluminum oxide particle optical constant in high temperature

Yin, Jinying (College of Measure, Control Technology and Communication Engineering, Harbin University of Science and Technology, Harbin 150080, China) **Source:** *Proceedings of SPIE - The International Society for Optical Engineering*, v 8342, 2012, *Behavior and Mechanics of Multifunctional Materials and Composites 2012*

Database: Compendex

Abstract | Detailed |

360. Environmental risk assessment of mining development in Inner Mongolia Autonomous

Region

Wang, Zhonghua (Economics College, Harbin University of Science and Technology, China); Jia, Xinyu **Source:** *Advanced Materials Research*, v 518-523, p 1085-1088, 2012, *Advances in Environmental Science and Engineering*

Database: Compendex

Abstract | Detailed |

361. A novel normal estimation based on fuzzy inference for mass point clouds of denture in the three-dimensional reconstruction

Liu, Yanju (Intelligent Machine Institute, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang District, Harbin 150080, China); Zhang, Yongde **Source:** *ICIC Express Letters, Part B: Applications*, v 3, n 4, p 931-937, August 2012

Database: Compendex

Abstract | Detailed | Cited by in Scopus (1)

362. Cutting parameters optimization in machining thin-walled characteristics of aircraft engine architecture based on machining deformation

Songtao, Wang (School of Mechanical and Power Engineering, Harbin University of science and technology, Harbin 150080, China); Minli, Zheng; Yihang, Fan; Zhe, Li **Source:** *Advances in Information Sciences and Service Sciences*, v 4, n 10, p 244-252, June 2012

Database: Compendex

Abstract | Detailed | Cited by in Scopus (1) |

363. Design on thermal protection structure of C/SiC lattice composite materials

Gao, Yu (Department of Engineering Mechanics, Harbin University of Science and Technology, Harbin 150080, China); Zeng, Tao; Fang, Dai-Ning; Yan, Shi **Source:** *Key Engineering Materials*, v 512-515, p 808-811, 2012, *High-Performance Ceramics VII*

Database: Compendex

Abstract | Detailed |

364. Preparation and corona resistant properties of nano-inorganic oxide hybrid PI films

Chen, Hao (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Fan, Yong; Zhou, Hong; Yang, Rui-Xiao; Wang, Chun-Ping; Han, Xiao-Xiao **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 5, p 81-85, May 2012 **Language:** Chinese

Database: Compendex

Abstract | Detailed | Cited by in Scopus (1)

365. Research on machined surface quality of high speed hard machining for harden steel

Yue, Caixu (Harbin University of Science and Technology, Haerbin, 150080, China); Liu, Xianli; Sun, Da Wei; Wu, Mingyang **Source:** *Advanced Materials Research*, v 500, p 82-88, 2012, *Advances in Materials Processing X*

Database: Compendex

[Abstract](#) | [Detailed](#) |

366. **Model of intrinsic/extrinsic about the safety for high speed milling tools on mesoscale**

Jiang, Bin (Machinery Industry Key Laboratory of Chip Control and High Efficiency Tool Technology, Harbin University of Science and Technology, 52 Xuefu Road, Harbin 150080, China); Song, Jiguang; Wang, Songtao; Chen, Bo; Liu, Xuanchi **Source:** *Advanced Materials Research*, v 500, p 198-204, 2012, *Advances in Materials Processing X*

Database: Compendex

[Abstract](#) | [Detailed](#) |

367. **Searching control points of formed archwire based on dichotomy and multi-objective**

optimization method

Jiang, Jixiong (Intelligent Machine Institute, Harbin University of Science and Technology, Harbin 150080, China); Zhang, Yongde **Source:** *Journal of Computational Information Systems*, v 8, n 6, p 2309-2316, March 15, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(2\)](#)

368. **The study of the trust-role based access control**

[Gao, Zhong-Wen](#) (College of Automation, Harbin University of Science and Technology, Harbin, China); [Zhang, Ming-Sheng](#) **Source:** *Advanced Materials Research*, v 433-440, p 7042-7045, 2012, *Materials Science and Information Technology, MSIT2011*

Database: Compendex

[Abstract](#) | [Detailed](#) |

369. **Non-squareness properties of Orlicz spaces equipped with the p-Amemiya norm**

[Cui, Yunan](#) (Department of Mathematics, Harbin University of Science and Technology, Xuefu Road 52, 150080 Harbin, China); [Hudzik, Henryk](#); [Wisa, Marek](#); [Wlzlak, Karol](#) **Source:** *Nonlinear Analysis, Theory, Methods and Applications*, v 75, n 10, p 3973-3993, June 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

370. **Research on heated-mandrel winding process for resin-matrix composite shells**

[Xu, J.Z.](#) (College of Automation, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang District, Harbin, 150080, China); [Qiao, M.](#); [You, B.](#); [Yu, Y.](#) **Source:** *Journal of Reinforced Plastics and Composites*, v 31, n 9, p 605-620, May 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

371. **Application of fuzzy grey relational analysis in fault tree analysis**

Zhou, Zhen (College of Measurement-control Technology and Communications Engineering, Harbin University of Science and Technology, Harbin 150040, China); Ma, De-Zhong; Yu, Xiao-Yang; Fan, Shang-Chun **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 3, p 60-64, March 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#)

372. **Detection on fatigue crack of aluminum alloy plate based on modulation nonlinear Lamb waves and time reversal method**

Gao, Guili (Department of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); Li, Dayong; Shi, Dequan; Dong, Jingwei **Source:** *Procedia Engineering*, v 29, p 1373-1377, 2012, *2012 International Workshop on Information and Electronics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

373. **Theoretical study and rate constants calculation for the reactions X + CF₃CH₂OCF₃ (X = F, Cl, Br)**

Zhang, Hui (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150080, China); Liu, Yang; Liu, Jing-Yao; Li, Ze-Sheng **Source:** *Journal of Computational Chemistry*, v 33, n 6, p 685-690, March 5, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

374. **An unusual mono-substituted Keggin anion-chain based 3D framework with 24-membered macrocycles as linker units**

Pang, Haijun (Key Laboratory of Green Chemical Engineering, College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150040, China); Ma, Huiyuan; Yu, Yan; Yang, Ming; Xun, Ye; Liu, Bo **Source:** *Journal of Solid State Chemistry*, v 186, p 23-28, February 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

375. **Phrase alignment based on combination of multiple strategies**

Zhang, Chun-Xiang (School of Software, Harbin University of Science and Technology, Harbin, 150080, China); Gao, Xue-Yao; Lu, Zhi-Mao; Sun, Da-Song; Liu, Yong **Source:** *Journal of Software*, v 7, n 2, p 332-338, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

376. Dynamic electromagnetic force calculation for single-phase short circuit fault of large induction motors

[Liang, Yanping](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); [Liu, Jinpeng](#); [Chen, Jing](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 32, n 9, p 109-115, March 25, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

377. Numerical simulation of 3D temperature field for the stator of a synchronous machine

[Lu, Yi-Ping](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Feng, Fan](#); [Wang, Zuo-Min](#); [Wen, Jia-Bin](#); [Liu, Xing-Jia](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 3, p 42-46, March 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(3\)](#)

378. Design of CMOS instrumentation amplifier

[Ren, M.Y.](#) (School of Softwares, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, C.X.](#); [Sun, D.S.](#) **Source:** *Procedia Engineering*, v 29, p 4035-4039, 2012, 2012 *International Workshop on Information and Electronics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

379. Model for evaluating the teaching management information system with interval grey linguistic variables

[Shi, Lei](#) (Office of Educational Administration, Harbin University of Science and Technology, Haibin, 150080, China); [Cui, Songyan](#) **Source:** *International Journal of Digital Content Technology and its Applications*, v 6, n 3, p 218-224, February 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(2\)](#) |

380. All-around fluid forecast research of the compact medium size high voltage motor

[Meng, Da-Wei](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [He, Jin-Ze](#); [Xia, Yun-Yan](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 12, p 66-71, December 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

381. A new type of electronic hybrid voltage/current transformer and analysis

[Wang, Yong-Hong](#) (School of Electric and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Wei, Zhuo](#); [Yu, Hong-Xu](#); [Wei, Xin-Lao](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 11, p 58-63, November 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

382. Power quality disturbances fuzzy identification based on dq conversion and wavelet energy distribution

[Li, Dong-Ming](#) (School of Measurement and Control Technology and Communications Engineering, Higher Educational Key Laboratory for Measuring and Control Technology, Harbin University of Science and Technology, Harbin, China); [Yu, Xiao-Yang](#); [Wang, Xin](#); [Tang, Tai-Qing](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 1403-1407, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

383. Hardware design of track frequency shift parameter system

[Lu, Xinmiao](#) (School of Measurement and Control Technology and Communications Engineering, Higher Educational Key Laboratory for Measuring and Control Technology, Harbin University of Science and Technology, Harbin, China); [Zhang, Hongyang](#); [Wu, Lei](#); [Shen, Feng](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 1422-1427, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

384. Chinese spam filtering based on online active learning methods

[Sun, Guanglu](#) (School of Computing Science and Technology, Harbin University of Science and Technology, Harbin, China); [Ma, Yingcai](#); [Shen, Yuewu](#); [Guo, Feng](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

385. Parameter identification of multi-path transmission model for power line communication based on AS-PSO hybrid algorithm

[Zhang, Xu-Hui](#) (School of Measurement-Control and Communication, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); [Zhang, Bin](#); [Tang, Zhen-Zhen](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

386. Power state prediction of battery based on BP neural network

[Wang, Haiying](#) (Automation College, Harbin University of Science and Technology, Harbin, China); [Hao, Zhonghua](#); [Hu, Yu](#); [Li, Gechen](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

387. **Design of ECG signal acquisition and processing circuit**

[Ma, Jing](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Xu, Jun](#); [Xu, Hai-Bo](#); [Wang, Yu](#); [Yin, Sheng-Xu](#) **Source:** *Applied Mechanics and Materials*, v 236-237, p 856-861, 2012, *Advanced Technology for Manufacturing Systems and Industry*

Database: Compendex

[Abstract](#) | [Detailed](#) |

388. **Embedded monitoring system of progressing cavity pump operating conditions**

[Jun, Xu](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Ren, Gong](#); [Xin, He](#); [Xin-Lei, Li](#) **Source:** *Applied Mechanics and Materials*, v 236-237, p 844-849, 2012, *Advanced Technology for Manufacturing Systems and Industry*

Database: Compendex

[Abstract](#) | [Detailed](#) |

389. **Simulation on supporting characteristics of heavy hydrostatic thrust bearing**

[Zhang, Yanqin](#) (Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Li, Rui](#); [Dai, Chunxi](#); [Shao, Junpeng](#); [Yu, Xiaodong](#); [Qin, Bai](#) **Source:** *Applied Mechanics and Materials*, v 157-158, p 94-97, 2012, *Mechatronics and Applied Mechanics*

Database: Compendex

[Abstract](#) | [Detailed](#) |

390. **Optimal parameters analysis of dynamical vibration absorption lathe tool with large length to diameter ratio**

[Qin, Bai](#) (Harbin University of Science and Technology, Harbin Heilongjiang, 150080, China); [Zhang, Bo](#); [Yu, Xiaodong](#); [Zhang, Yanqin](#); [Han, Guihua](#); [Li, Jianying](#); [Wang, Quanfu](#); [Ji, Yajuan](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 2146-2150, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

391. **Effect of Fe coagulant on the performance of PAC-MBR**

[Wang, Sheng-Bao](#) (Harbin University of Science and Technology, Harbin 150080, China) **Source:** *Applied Mechanics and Materials*, v 178-181, p 446-449, 2012, *Sustainable Environment and Transportation*

Database: Compendex

[Abstract](#) | [Detailed](#) |

392. **Research on hardware-software partitioning method for dynamically reconfigurable embedded system**
[Zhao, Xin](#) (School of Computer, Harbin University of Science and Technology, Harbin 150080, China); [Li, Lan-Ying](#); [Gao, Ming](#) **Source:** *Applied Mechanics and Materials*, v 198-199, p 606-610, 2012, *Applied Mechanics, Mechatronics Automation and System Simulation*
- Database:** Compendex
[Abstract](#) | [Detailed](#) |
393. **Finite element simulation and experimental test on warm deep drawing technology of AZ31 magnesium alloy**
[Li, Cai-Xia](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Yu, Yan-Dong](#); [Pan, Cheng-Yi](#) **Source:** *Zhongnan Daxue Xuebao (Ziran Kexue Ban)/Journal of Central South University (Science and Technology)*, v 43, n 10, p 3820-3825, October 2012 **Language:** Chinese
- Database:** Compendex
[Abstract](#) | [Detailed](#)
394. **Research on adaptive neural fuzzy control for two-wheeled self-balancing robot**
[Wu, Junfeng](#) (College of Automation, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang Dist., Harbin 150080, China); [Jia, Shengwei](#) **Source:** *ICIC Express Letters, Part B: Applications*, v 3, n 6, p 1395-1402, 2012
- Database:** Compendex
[Abstract](#) | [Detailed](#)
395. **Effect of one-step and two-step homogenization treatments on distribution of Al₃Zr dispersoids in commercial AA7150 aluminium alloy**
[Lü, Xin-Yu](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Guo, Er-Jun](#); [Rometsch, Paul](#); [Wang, Li-Juan](#) **Source:** *Transactions of Nonferrous Metals Society of China (English Edition)*, v 22, n 11, p 2645-2651, November 2012
- Database:** Compendex
[Abstract](#) | [Detailed](#) |
396. **DRPSD: An novel method of identifying SSL/TLS traffic**
[Liu, Changxing](#) (School of Computer, Harbin University of Science and Technology, Harbin, China); [Sun, Guanglu](#); [Xue, Yibo](#) **Source:** *World Automation Congress Proceedings, 2012, 2012 World Automation Congress, WAC 2012*
- Database:** Compendex
[Abstract](#) | [Detailed](#)
397. **Physical simulation on chill of thick walled ductile iron casting for spent-nuclear-fuel container**

[Wang, Liping](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, No.4 Lin Yuan Road, Xiang Fang District, Harbin 150040, China); [Guo, Erjun](#); [Jiang, Wenyong](#); [Feng, Yicheng](#); [Yao, Xiurong](#); [Ren, Shanzhi](#) **Source:** *Advanced Materials Research*, v 538-541, p 632-636, 2012, *Materials Processing Technology II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

398. **Preparation and electrical properties of SiO_x/LDPE nanocomposites by mixing organic silica sol and melting LDPE directly**

[Zhang, Wenlong](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, Heilongjiang, China); [Mu, Juan](#); [Du, Yang](#); [Wang, Xuan](#); [Zhao, Hong](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

399. **Study on preparation and properties of polyimide /MWNTs triple hybrid films**

[Zhang, Ming-Yan](#) (Key Laboratory of Engineering Dielectric and Its Application, College of Material Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Chen, Hai-Xia](#); [Ma, Yu-Liang](#); [Wu, Qiong](#); [Liu, Chang](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

400. **Realization of a novel soft-switch of inverting spot welding power supply**

[Zhao, Pengshu](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, 150080, China); [Wang, Xudong](#); [Na, Xiaosong](#); [Yang, Miaosen](#) **Source:** *Advanced Materials Research*, v 546-547, p 344-351, 2012, *Electrical Insulating Materials and Electrical Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

401. **Dielectric properties of silica hollow spheres/epoxy nanocomposites**

[Zhou, Hong](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, 150080, China); [Dang, Zhimin](#); [Zha, Junwei](#); [Fan, Yong](#); [Chen, Hao](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#)

402. **The computer game model of contract bridge**

Mei, Xian (Harbin University of Science and Technology, Harbin 150080, China); Zhang, Dianlong; Liao, Qijun; Jiang, Yanxin; Li, Zhiguang **Source:** *Proceedings of the 2012 24th Chinese Control and Decision Conference, CCDC 2012*, p 1498-1500, 2012, *Proceedings of the 2012 24th Chinese Control and Decision Conference, CCDC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

403. **The research and implement of ZigBee technology for building wireless voice network**
Chen, Haiyan (Department of Automation, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); Zhang, Chen **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 576-580, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

404. **Designing a timing test system on the USM based on a virtual device**
Song, Qichao (School of Measurement-Control Technology and Communications Engineering, Harbin University of Science and Technology, Harbin, China); Zhou, Zhen **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 655-658, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

405. **The research on defect recognition method for rail magnetic flux leakage detecting**
Gao, Junshan (School of Automation, Harbin University of Science and Technology, Harbin, China); Yu, Wei; He, Chen **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 745-750, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

406. **Based on the top-hat algorithm of oral medical image information recognition and data processing**
Wang, Yingli (Measurement and Control Technology and Communication Engineering, Harbin University of Science and Technology, Harbin, China); Zhao, Xueli; Wang, Ming **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 158-162, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

407. **Saber simulation and experimental research on single-phase digital inverter with PI control**
Liu, Cheng (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); Li, Wenjuan; Pang, Songlin; Li, Min; Wu, Xiaogang **Source:** *Proceedings*

of 2012 International Conference on Measurement, Information and Control, MIC 2012, v 2, p 548-552, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

408. **Research on photovoltaic grid-connected generation system based on DSP2812**

[Liu, Baosheng](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Jiang, Binling](#); [Jia, Jinlin](#); [Xu, Rui](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 673-676, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

409. **Research on measurement of software package dependency based on component**

[Tang, Guang-yi](#) (School of Software, Harbin University of Science and Technology, Haerbin, China); [Xuan, Hong-wei](#) **Source:** *Journal of Software*, v 7, n 9, p 2091-2098, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

410. **Vibration-wear characteristics of cutter in high speed ball-end milling hardened steel**

[Jiang, Bin](#) (Machinery Industry Key Laboratory of Chip Control and High Efficiency Tool Technology, Harbin University of Science and Technology, 52 Xuefu Road, Harbin, 150080, China); [Zhao, Peiyi](#); [Song, Jiguang](#); [Chen, Bo](#); [Bai, Jinxuan](#) **Source:** *Key Engineering Materials*, v 522, p 81-86, 2012, *Progress in Advanced Manufacturing Technologies*

Database: Compendex

[Abstract](#) | [Detailed](#) |

411. **Calculation and analysis of fluid field and temperature field for high-altitude type doubly-fed wind generators**

[Ding, Shuye](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); [Ge, Yunzhong](#); [Sun, Zhaoqiong](#); [Liu, Haoran](#); [Guo, Baocheng](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 32, n 24, p 74-79, August 25, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#)

412. **Viscosity approximation methods for multivalued mappings in Banach spaces**

[Cui, Yunan](#) (Department of Mathematics, Harbin University of Science and Technology, Harbin, Heilongjiang, China); [Fei, Zuo Zhan](#); [Hudzik, Henryk](#) **Source:** *Numerical Functional Analysis and Optimization*, v 33, n 11, p 1288-1303, November 1, 2012

Database: Compendex

413. **Constraint solving in history-independent semantic 3D modeling**

[Gao, Xue-Yao](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, 150080, China); [Zhang, Chun-Xiang](#); [Zhai, Ming-Ge](#); [Yu, Xiao-Yang](#) **Source:** *International Journal of Advancements in Computing Technology*, v 4, n 18, p 640-647, October 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

414. Solid-state recycling of AZ91D magnesium alloy chips

[Hu, Mao-Liang](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Ji, Ze-Sheng](#); [Chen, Xiao-Yu](#); [Wang, Qu-Dong](#); [Ding, Wen-Jiang](#) **Source:** *Transactions of Nonferrous Metals Society of China (English Edition)*, v 22, n SUPPL. 1, p s68-s73, October 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

415. Test for effects of polishing track of ceramics tile on vibration of a grinding head

[Shao, Jun-Peng](#) (College of Mechanical Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Xu, Bin](#) **Source:** *Zhendong yu Chongji/Journal of Vibration and Shock*, v 31, n 18, p 50-54, September 28, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

416. Guaranteed cost non-fragile controller of quadruped search-rescue robot based on mechanism system design

[Wang, Peng](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Li, Jixiang](#); [Zhang, Yuan](#) **Source:** *Journal of Computational Information Systems*, v 8, n 19, p 8159-8166, October 1, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

417. Research on the control method of two-wheeled self-balancing robot system based on variable structure control

[Wu, Junfeng](#) (College of Automation, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang District, Harbin 150080, China); [Liang, Yuxin](#); [Wang, Shengda](#) **Source:** *ICIC Express Letters, Part B: Applications*, v 3, n 5, p 1185-1192, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

418. Research on the application of software engineering and the multi-technology integration in the multi-media personal creation

[Zhu, Xiaowei](#) (School of Arts, Harbin University of Science and Technology, Harbin, 150080, China) **Source:** *Proceedings - 2012 IEEE Symposium on Robotics and Applications, ISRA 2012*, p 852-856, 2012, *Proceedings - 2012 IEEE Symposium on Robotics and Applications, ISRA 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

419. **Integrated scheduling algorithm based on dynamic essential short path**

[Xie, Zhiqiang](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Peng](#); [Gui, Zhongyan](#); [Yang, Jing](#) **Source:** *Advances in Intelligent and Soft Computing*, v 169 AISC, n VOL. 2, p 709-715, 2012, *Advances in Computer Science and Information Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

420. **Fragmenting tile mechanism and modeling with combination of impact-cutting**

[Shao, Jun-Peng](#) (College of Mechanical Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Xu, Bin](#) **Source:** *Zhendong yu Chongji/Journal of Vibration and Shock*, v 31, n 11, p 32-37, June 15, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

421. **The experimental modal analysis of high speed machining tool system based on integral polynomial recognition method**

[Xiao, Fei](#) (Machinery Industry Key Laboratory of Chip Control and High Efficiency Tool Technology, Harbin University of Science and Technology, 52 Xuefu Road, Harbin 150080, China); [Liu, Xianli](#); [Wang, Yanxin](#); [Liu, Lijia](#); [Qu, Da](#) **Source:** *Materials Science Forum*, v 723, p 159-163, 2012, *High Speed Machining V*

422. **An integrated flexible scheduling algorithm by determining machine dynamically**

[Xie, Zhiqiang](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Teng, Yuzheng](#); [He, Yujing](#); [Yang, Jing](#) **Source:** *Advances in Intelligent and Soft Computing*, v 169 AISC, n VOL. 2, p 493-499, 2012, *Advances in Computer Science and Information Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

423. **Perspective distortion rectification method of text image**

[Fang, Yin](#) (School of Computer Science and Technology, Harbin University of Science and Technology, China); [Rui, Wu](#); [De-Yun, Chen](#) **Source:** *International Journal of Digital Content Technology and its Applications*, v 6, n 12, p 472-479, July 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

424. **Particle swarm optimization with Baldwin effect for different dimension multimodal optimization problems**

[Zhai, Jiqiang](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Keqi](#) **Source:** *Journal of Convergence Information Technology*, v 7, n 12, p 186-194, July 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

425. **Node probability query algorithm in probabilistic XML document tree**

[Wang, Jianwei](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Hao, Zhongxiao](#) **Source:** *Jisuanji Yanjiu yu Fazhan/Computer Research and Development*, v 49, n 4, p 785-794, April 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

426. **A novel OFDM timing synchronization algorithm based on stochastic approximation and ML algorithm**

[Li, Yanping](#) (School of Measurement and Communication Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Liyong](#) **Source:** *Information Technology Journal*, v 11, n 8, p 1138-1140, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

427. **Fixation for femoral neck fracture based on nonlinear materials**

[Wang, Mo-Nan](#) (Mechanical and Power Engineering College, Harbin University of Science and Technology, Harbin 150080, China); [Guo, Hong-Shu](#) **Source:** *Yiyong Shengwu Lixue/Journal of Medical Biomechanics*, v 27, n 2, p 152-158, April 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(2\)](#)

428. **Finite element analysis of rotating container in extrusion process**

[Li, Feng](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Zhang, Xin-Long](#); [Chu, Guan-Nan](#) **Source:** *Cailiao Kexue yu Gongyi/Material Science and Technology*, v 20, n 2, p 117-121, April 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

429. **Research in the equilibrium control of power battery pack of Li-ion**

[Wang, Haiying](#) (School of Automation, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang District, Harbin 150080, China); [Zhang, Yonglei](#); [Wu, Qiong](#); [Fu, Ying](#) **Source:** *ICIC Express Letters, Part B: Applications*, v 3, n 4, p 991-997, August 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(3\)](#)

430. **A high throughput and memory-efficient regular expression matching on FPGA**

[Wang, Xiaoyu](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Zhaoguo](#); [Chen, Deyun](#); [Jiang, Feng](#); [Xu, Liyuan](#) **Source:** *Journal of Information and Computational Science*, v 9, n 6, p 1741-1748, June 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

431. **The culture of compound bioflocculant and the analysis of its activated components**

[Yang, Ying](#) (School of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Yan, He](#); [Li, Fen](#); [Qin, Zhi](#); [Ma, Fang](#) **Source:** *Gongneng Cailiao/Journal of Functional Materials*, v 43, n 9, p 1189-1192, May 15, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

432. **A reduction surface reconstruction from point clouds without normal**

[Zhang, Yongde](#) (Intelligent Machine Institute, Harbin University of Science and Technology, China); [Liu, Yanju](#) **Source:** *International Journal of Digital Content Technology and its Applications*, v 6, n 11, p 386-393, June 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

433. **PSO optimized neural network PID control for AC permanent magnet synchronous motor servo system**

[Wang, Weibing](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Wang, Xudong](#); [Han, Jianchao](#) **Source:** *Journal of Computational Information Systems*, v 8, n 5, p 2125-2132, March 1, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#)

434. **A misfire fault diagnosis system based on improved neural network**

[Zhang, Kaiyu](#) (Harbin University of Science and Technology, College of Electrical and Electronic Engineering, Harbin, China); [Deng, Jiwen](#); [Lu, Di](#) **Source:** *Advanced Materials Research*, v 383-390, p 1549-1554, 2012, *Manufacturing Science and Technology*

Database: Compendex

[Abstract](#) | [Detailed](#) |

435. **Optimal design of flat tensegrity structure based on the genetic algorithm**

[Lu, Chengjiang](#) (School of Architecture and Civil Engineering, Harbin University of Science and Technology, Heilongjiang Harbin 150080, China); [Wang, Xiaodong](#); [Wu, Zhifeng](#) **Source:** *Advanced Materials Research*, v 446-449, p 349-352, 2012, *Trends in Civil Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

436. **A new mechanism of naming topological entities for semantic feature operations**

[Gao, Xue-Yao](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Zhang, Chun-Xiang](#); [Ren, Ming-Yuan](#); [Gao, Shang-Min](#); [Liu, Yong](#) **Source:** *Journal of Software*, v 7, n 3, p 705-711, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

437. Improvement electromigration resistance of Pb-free solder joints with element addition

[Wang, Jiabing](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Sun, Fenglian](#); [Liu, Yang](#) **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 33, n 2, p 29-32, February 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

438. Experiment the influence of subsection on leakage reactance in submersible motor

[Xu, Yong-Ming](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Meng, Da-Wei](#); [Tan, Jin](#) **Source:** *Advanced Materials Research*, v 383-390, p 420-423, 2012, *Manufacturing Science and Technology*

Database: Compendex

[Abstract](#) | [Detailed](#) |

439. The structure optimization design of cutting disc of defibrator based on Monte Carlo method

[Ma, Hongbin](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); [Yan, Ma](#); [Tan, Guangyu](#); [Guo, Xiurong](#) **Source:** *Advanced Materials Research*, v 472-475, p 2064-2067, 2012, *Advanced Manufacturing Technology*

Database: Compendex

[Abstract](#) | [Detailed](#)

440. Research materials of chills effect on the solidification process of ZM5 shell

[Zhao, Sicong](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang, 150000, China); [Guo, Erjun](#); [Wang, Liping](#) **Source:** *Advanced Materials Research*, v 399-401, p 1820-1825, 2012, *New Materials, Applications and Processes*

Database: Compendex

[Abstract](#) | [Detailed](#) |

441. Effect of Ni and Bi addition on growth rate of intermetallic compound of SnAgCu soldering

[Liu, Yang](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Sun, Feng-Lian](#) **Source:** *Zhongguo Youse Jinshu Xuebao/Chinese Journal of Nonferrous Metals*, v 22, n 2, p 460-464, February 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

442. System reliability synthesis of wind turbine based on computer simulation

[Guo, Jianying](#) (Sensor and Reliability Engineering Institute, Harbin University of Science and Technology, Harbin 150080, China); [Sun, Yongquan](#); [Wang, Mingyi](#); [Ding, Xibo](#) **Source:** *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, v 48, n 2, p 2-8, January 20, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(2\)](#) |

443. **Research on design method of radiation field used for soft-base coat infrared drying**

[Liu, Xingjia](#) (Department of Thermal Energy and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang, 150080, China) **Source:** *Advanced Materials Research*, v 347-353, p 3046-3049, 2012, *Renewable and Sustainable Energy*

Database: Compendex

[Abstract](#) | [Detailed](#) |

444. **Study on preparation of high thermal conductive adhesive for mica tape**

[Liu, Li-Zhu](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Zhao, Chao-Liang](#); [Weng, Ling](#); [Yang, Xu](#); [He, Xin](#) **Source:** *Gongneng Cailiao/Journal of Functional Materials*, v 43, n 3, p 331-333, February 15, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

445. **Defects detection system for steel tubes based on electromagnetic acoustic technology**

[Shi, Dequan](#) (Department of Material Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Gao, Guili](#); [Xiao, Peng](#); [Gao, Zhiwei](#) **Source:** *Procedia Engineering*, v 29, p 252-256, 2012, *2012 International Workshop on Information and Electronics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

446. **Control strategy of DSTATCOM based on source current detection**

[Liu, Ji](#) (Department of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Wei, Xin-Lao](#); [Xu, Zai-De](#); [Zhao, Dong-Xu](#); [Sun, Bing](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 1, p 56-61+66, January 2012

Language: Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

447. **Origin of magnetic properties and martensitic transformation of Ni-Mn-In magnetic shape memory alloys**

[Tan, C.L.](#) (School of Applied Science, Harbin University of Science and Technology, Harbin 150080, China); [Huang, Y.W.](#); [Tian, X.H.](#); [Jiang, J.X.](#); [Cai, W.](#) **Source:** *Applied Physics Letters*, v 100, n 13, March 26, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(2\)](#) |

448. **Silicon-containing multidecker organometallic complexes and nanowires: A density functional theory study**

[Zhang, Guiling](#) (College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin, 150080, China); [Zhou, Rulong](#); [Gao, Yi](#); [Zeng, Xiao Cheng](#) **Source:** *Journal of Physical Chemistry Letters*, v 3, n 2, p 151-156, January 19, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

449. **Effects of Cr₂O₃ coating of whiskers on the tensile properties and thermal stability of aluminum borate whiskers reinforced 2024Al composite**

[Yue, H.Y.](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Guo, E.J.](#); [Fei, W.D.](#); [Yu, Z.M.](#); [Wang, L.P.](#) **Source:** *Materials Science and Engineering A*, v 533, p 33-37, 30 January 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

450. **Tuning algorithm for modeling and controllability of fractional-order control systems**

[Yan, Zhe](#) (Harbin University of Science and Technology, Harbin Heilongjiang 150080, China); [Che, Shutao](#); [Cui, Xiaoming](#); [Zhang, Zhiqiang](#); [Zhang, Chao](#) **Source:** *Advanced Materials Research*, v 424-425, p 445-447, 2012, *Advanced Research on Engineering Materials, Energy, Management and Control*

Database: Compendex

[Abstract](#) | [Detailed](#) |

451. **The relationship between the wall temperature and the boiling rate of the biomass boiler economizer and calculation program design**

[Lv, Wei](#) (School of Machinery and Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); [Wang, Xinhai](#); [Zhang, Deli](#); [Sun, Hongwei](#); [Li, Ruiyang](#) **Source:** *Advanced Materials Research*, v 354-355, p 329-332, 2012, *Progress in Power and Electrical Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

452. **Temperature field investigation of canned primary pump motors in nuclear power stations**

[Ding, Shuye](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); [Meng, Fandong](#); [Ge, Yunzhong](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 32, n 36, p 149-155, December 25, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

453. **Measurement method based on stereo vision for nozzle motion**

[Bo, Liu](#) (Higher Educational Key Laboratory for Measuring and Control Technology, School of Measurement and Control Technology and Communications Engineering, Harbin University of Science and Technology, Harbin, China); [Chen, Gang](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 1413-1416, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

454. Simulation research of energy management strategy for range extended electric bus

[Wu, Xiaogang](#) (College of Electrical and Electronics Engineering, Harbin University of Science and Technology, Harbin, China); [Lu, Languang](#) **Source:** *2012 IEEE Vehicle Power and Propulsion Conference, VPPC 2012*, p 354-357, 2012, *2012 IEEE Vehicle Power and Propulsion Conference, VPPC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

455. Effects of green coating technology on microstructure and transmittance of optical attenuators

[Tang, Hui](#) (Harbin University of Science and Technology, College of Material Science and Engineering, Harbin, China); [Zhang, Jianfeng](#); [Wang, Fengcun](#) **Source:** *Energy Education Science and Technology Part A: Energy Science and Research*, v 30, n 1, p 215-222, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

456. Research on hydro-mechanical deep drawing of double steps cylindrical part based on numerical simulation

[Liu, Xiaojing](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Kang, Chen](#); [Li, Feng](#); [Fu, Xinrui](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

457. Network structure and communication design of parking lot based on ZigBee technique

[Fan, Jianying](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., Harbin University of Science and Technology, Harbin, China); [Wang, Beiyi](#); [Peng, Jichong](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

458. Preparation and luminescent properties of Sr₂(P₂O₇):Tb³⁺, Ce³⁺

[Li, You](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Dong, Limin](#); [Li, Zongyuan](#); [Sun, Lin](#); [Zhang, Xianyou](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

459. **Nested batching integrated scheduling algorithm of different processing time with constraint of 2 operations batches processing**

[Xie, Zhiqiang](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Liu, Changhai](#); [Yang, Jing](#) **Source:** *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, v 48, n 24, p 164-173, December 20, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

460. **A new property of logistic map with scalable precision**

[Liu, Jiahui](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin, China); [Zhang, Hongli](#); [Song, Dahua](#); [Buza, M.K.](#); [Yang, Bo](#); [Guo, Cong](#) **Source:** *Proceedings of the 5th International Workshop on Chaos-Fractals Theories and Applications, IWCFTA 2012*, p 67-71, 2012, *Proceedings of the 5th International Workshop on Chaos-Fractals Theories and Applications, IWCFTA 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

461. **Guaranteed cost reliable control for discrete systems based on LMIs**

[Huang, Ling](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Wang, Shen](#); [Wang, Kai](#); [You, Bo](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

462. **Selves distribution optimization in intrusion detection system based on immunity**

[Zhang, Fengbin](#) (College of Computer and Technology, Harbin University of Science and Technology, Harbin, 150080, China); [Xi, Liang](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

463. **Calculation and analysis of 2-D thermal stress field in induction motor with compound cage rotor under different load**

Cao, Jun-Ci (Harbin University of Science and Technology, Harbin, China); Qian, Rong-Chao; Li, Wei-Li **Source:** *Applied Mechanics and Materials*, v 117-119, p 97-100, 2012, *Materials and Computational Mechanics*

Database: Compendex

[Abstract](#) | [Detailed](#) |

464. **Simulation on temperature field of gap oil film in constant flow hydrostatic center frame**
Li, Yong-Hai (Harbin University of Science and Technology, Harbin Heilongjiang Province, China); Meng, Xiu-Li; Yu, Xiao-Dong; Bo, Wu; Gao, Chun-Li; Qiu, Zhi-Xin; Zhang, Yan-Qin; Hui, Jiang; Shi, Zhi-Min **Source:** *Applied Mechanics and Materials*, v 121-126, p 4706-4710, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

465. **Research of flow field and temperature field in 2D annular space of air-gap**
Tang, Lu (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, China); Lu, Yiping; Deng, Haiyan; Wang, Zuomin **Source:** *Applied Mechanics and Materials*, v 214, p 76-81, 2012, *Green Power, Materials and Manufacturing Technology and Applications II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

466. **Design of driving method for low power semiconductor laser**
Zhou, Zhen (College of Measure-Control Technology and Communication Engineering, Harbin University of Science and Technology, Harbin 150080, China); Qi, Zhongliang; Qin, Yong **Source:** *Hongwai yu Jiguang Gongcheng/Infrared and Laser Engineering*, v 41, n 10, p 2659-2693, October 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#)

467. **Research on the intelligent greenhouse ecological environment control and application based on internet of things**
Yin, Laiwu (Harbin University of Science and Technology, Heilongjiang, Harbin, China); Chen, Deyun; Li, Changcheng; Wang, Donglai **Source:** *World Automation Congress Proceedings, 2012, 2012 World Automation Congress, WAC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#)

468. **Investigation of fluid field and thermal field coupled for permanent magnet wind generator**
Ding, Shuye (Harbin University of Science and Technology, Harbin 150080, China); Sun, Zhaoqiong **Source:** *Diangong Jishu Xuebao/Transactions of China Electrotechnical Society*, v 27, n 11, p 118-124, November 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

469. **Two-stage heuristic algorithm for two-dimensional guillotine bin packing problem**
[Cao, Da-Yong](#) (Department of Applied Mathematics, Harbin University of Science and Technology, Harbin 150080, China); [Yang, Mei](#); [Kotov, V.M.](#); [Liu, Run-Tao](#) **Source:** *Jisuanji Jicheng Zhizao Xitong/Computer Integrated Manufacturing Systems, CIMS*, v 18, n 9, p 1954-1963, September 2012
Language: Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

470. **A general method for modified function projective synchronization with perturbed parameters**

[Du, Hongyue](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Gong, Libin](#); [Lu, Ning](#); [Wang, Xin](#) **Source:** *Proceedings - 2012 International Conference on Computer Science and Information Processing, CSIP 2012*, p 149-152, 2012, *Proceedings - 2012 International Conference on Computer Science and Information Processing, CSIP 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

471. **Research on the preparation of LDPE/Fe₃O₄ composite films and its dielectrical property**

[Zhang, Dong](#) (College of Electrical and Electronic Engineer, Harbin University of Science and Technology, Harbin 150080, China); [Song, Wei](#); [Wang, Xuan](#); [Sun, Zhi](#); [Han, Bai](#); [Li, Jinxin](#); [Lei, Qingquan](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

472. **Study on curing process, surface strength and thermal diffusivity of epoxy nanocomposites**

[Xu, F.](#) (School of Material Science and Engineer, Harbin University of Science and Technology, Harbin 150040, China); [Han, Z.D.](#); [Zhou, H.R.](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

473. **Research on the structure and electrical property of PIMWNTs ternary hybrid films**

[Zhang, Mingyan](#) (Key Laboratory of Engineering Dielectric and Its Application, College of Material Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Ma, Yuliang](#); [Chen, Haixia](#); [Li, Zheng](#); [Wu, Qiong](#) **Source:** *Proceedings of the IEEE International Conference on Properties and Applications of Dielectric Materials, 2012, ICPADM 2012 - 2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials, Technical Papers*

Database: Compendex

[Abstract](#) | [Detailed](#) |

474. License plate recognition based on mathematical morphology method and RBF neural network

[Song, Qing-Kun](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Yuan, Hui-Jun](#); [Zhou, Teng](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 782-786, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

475. The application of humanoid intelligent control used in level system with time delay

[Chen, Baoyuan](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., Harbin University of Science and Technology, Harbin, China); [Wu, Qian](#); [Zhuo, Yuliang](#); [Ma, Di](#); [Lin, Xiaoping](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 133-136, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

476. Stability criteria of uncertain networked control systems

[Li, Bing](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Wu, Junfeng](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 769-772, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

477. High level synthesis using learning automata genetic algorithm

[Yang, Huijing](#) (School of Software, Harbin University of Science and Technology, Harbin, China); [Wang, Chunying](#); [Du, Ning](#) **Source:** *Journal of Computers (Finland)*, v 7, n 10 SPL.ISS., p 2534-2541, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

478. Sliding mode control for uncertain time-delay switched systems: Descending dimension design

[He, Zhaolan](#) (School of Automation, Harbin University of Science and Technology, No. 52, Xuefu Road, Harbin 150080, China); [Liu, Kaiqing](#); [Wang, Xue](#); [Sun, Guanghui](#) **Source:** *ICIC Express Letters, Part B: Applications*, v 3, n 5, p 1125-1132, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

479. Ant colony algorithm and genetic algorithm optimization for test vector reordering

[Shang, Jin](#) (College of Measure-Control Technology and Communication Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Liyong](#) **Source:** *Information Technology Journal*, v 11, n 12, p 1786-1789, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(2\)](#) |

480. **Interfacial structure and strength of Cu-based filler metal welding diamond**

[Guan, Yancong](#) (Power Machinery Institute, Harbin University of Science and Technology, Harbin 150040, China); [Zheng, Minli](#); [Yao, Deming](#) **Source:** *Hanjie Xuebao/Transactions of the China Welding Institution*, v 33, n 7, p 65-68, July 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

481. **Molecular design and theoretical investigation into one- and two-photon absorption**

properties of two series of cyclometalated platinum (II) complexes

[Yang, Zhao Di](#) (Key Laboratory of Green Chemical Engineering and Technology of College of Heilongjiang Province, College of Chemical and Environmental Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Gui Ling](#); [Feng, Ji Kang](#); [Ren, Ai Min](#) **Source:** *Science China Chemistry*, v 55, n 7, p 1405-1412, July 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

482. **A camera calibration method in high-precision vision measuring system**

[An, Wenchuan](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Gao, Zhongwen](#); [Wang, Xingang](#) **Source:** *Lecture Notes in Electrical Engineering*, v 128 LNEE, n VOL. 5, p 345-351, 2012, *Recent Advances in Computer Science and Information Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

483. **State estimation and sliding mode control of uncertain switched hybrid systems**

[He, Zhaolan](#) (School of Automation, Harbin University of Science and Technology, No. 52, Xuefu Road, Nangang Dist., Harbin 150080, China); [Wu, Junfeng](#); [Sun, Guanghui](#); [Gao, Cen](#) **Source:** *International Journal of Innovative Computing, Information and Control*, v 8, n 10 B, p 7143-7156, October 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

484. **Experimental study on spray cutting Ni-based superalloy**

[Wang, Yu](#) (Harbin University of Science and Technology, Harbin, 150080, China); [Zhai, Yuansheng](#); [Yan, Fugang](#); [Liu, Xianli](#) **Source:** *Materials Science Forum*, v 723, p 317-321, 2012, *High Speed Machining V*

Database: Compendex

[Abstract](#) | [Detailed](#) |

485. **Space charge and electric treeing resistance properties of MgO/LDPE nanocomposite**
[Zhao, Hong](#) (Key Lab. of Engineering Dielectrics and Their Application, Ministry of Education, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); [Xu, Mingzhong](#); [Yang, Jiaming](#); [Zhang, Wenlong](#); [Wang, Xuan](#); [Lei, Qingquan](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 32, n 16, p 196-202, June 5, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

486. **Hybrid optimization algorithm based on quantum and differential evolution for continuous space optimization**

[Zhang, Rui](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Gao, Hui](#); [Zhang, Tao](#) **Source:** *Xi Tong Gong Cheng Yu Dian Zi Ji Shu/Systems Engineering and Electronics*, v 34, n 6, p 1288-1292, June 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

487. **Teaching evaluation method based on least squares support vector machine and chaos particle swarm optimization algorithm**

[Jing, Lv](#) (Harbin University of Science and Technology, Harbin 150080, China); [Yanqing, Zhang](#) **Source:** *International Journal of Digital Content Technology and its Applications*, v 6, n 11, p 343-351, June 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(2\)](#) |

488. **Tensile properties of ZnO- and ZnAl₂O₄-coated aluminum borate whiskers reinforced aluminum composites at elevated temperatures**

[Guo, E.J.](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Yue, H.Y.](#); [Fei, W.D.](#); [Wang, L.P.](#) **Source:** *Journal of Composite Materials*, v 46, n 12, p 1475-1481, June 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

489. **A research of facial biometric encryption based on fuzzy extraction**

[Liu, Xia](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Bo](#); [Xiong, Cao](#) **Source:** *Journal of Computational Information Systems*, v 8, n 10, p 4127-4133, May 15, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

490. **Detection method of the FPGA-based transient power quality**

[Fang, Guo-Zhi](#) (Key Lab. of Monitor and Control Technique and Instrument of Heilongjiang Universities, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Meng](#); [Wang,](#)

Kang **Source:** *Dianli Xitong Baohu yu Kongzhi/Power System Protection and Control*, v 40, n 12, p 130-135, June 16, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

491. Study of 1Cr18Ni9Ti material properties in cutting process

[Li, Zhe](#) (Harbin University of Science and Technology Engineering, Harbin 150080, China); [Jiang, Bin](#); [Xu, Hong Xu](#); [Zhou, Ming Jia](#) **Source:** *Advanced Materials Research*, v 500, p 218-222, 2012, *Advances in Materials Processing X*

Database: Compendex

[Abstract](#) | [Detailed](#) |

492. Research on cutting-tools whole life cycle management system

[Wang, Yong-Zhong](#) (Harbin University of Science and Technology, 52 xuefu road nangang district, Harbin, Heilongjiang province, China); [Zhang, Yu-Hua](#); [Zheng, Min-Li](#) **Source:** *Advanced Materials Research*, v 500, p 163-167, 2012, *Advances in Materials Processing X*

Database: Compendex

[Abstract](#) | [Detailed](#) |

493. Experimental study on cutting tool sticking failure for stainless steel 1Cr18Ni9Ti

[Li, Zhe](#) (Harbin University of Science and Technology Engineering, Harbin 150080, China); [Zheng, Min Li](#); [Zhu, Chuan Hai](#); [Xu, Jin Hui](#) **Source:** *Advanced Materials Research*, v 500, p 205-210, 2012, *Advances in Materials Processing X*

Database: Compendex

[Abstract](#) | [Detailed](#) |

494. Application of support vector regression algorithm in colleges recruiting students prediction

[Ying, E.](#) (School of Foreign Languages, Harbin University of Science and Technology, Harbin 150040, China) **Source:** *Proceedings - 2012 International Conference on Computer Science and Electronics Engineering, ICCSEE 2012*, v 2, p 173-176, 2012, *Proceedings - 2012 International Conference on Computer Science and Electronics Engineering, ICCSEE 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

495. Analysis of physical condition of aero-engines based on flight data

[Li, Y.Y.](#) (Harbin University of Science and Technology, Harbin, Heilongjiang, 150080, China); [Tan, G.Y.](#); [Cheng, Y.L.](#); [Cheng, F.C.](#) **Source:** *Materials Science Forum*, v 697-698, p 560-565, 2012, *Advances in Materials Manufacturing Science and Technology XIV*

Database: Compendex

[Abstract](#) | [Detailed](#) |

496. **Design procedures for a fully differential telescopic cascode two-stage CMOS operational amplifier**

[Ren, M.Y.](#) (School of Software, Harbin University of Science and Technology, Harbin 150080, China); [Wu, T.](#); [Song, M.X.](#); [Zhang, C.X.](#) **Source:** *Procedia Engineering*, v 29, p 4030-4034, 2012, 2012 *International Workshop on Information and Electronics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

497. **Numerical investigation of heat transfer for 3 MW doubly-fed wind generator**

[Ding, Shuye](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); [Sun, Zhaoqiong](#); [Xu, Dianguo](#); [Miao, Lijie](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 32, n 3, p 137-143, January 25, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(5\)](#)

498. **Mechanical properties and work function of L21 structure AlCu₂X (X=Ti, Mn, Zr, or Hf) intermetallics**

[Dong, L.M.](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education Harbin University of Science and Technology, Harbin 150080, China); [Han, Z.D.](#); [Guan, Y.Z.](#); [Li, W.](#); [Zhang, X.Y.](#) **Source:** *Materials Science and Engineering A*, v 545, p 13-19, May 30, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

499. **Creative design and vibration experimental study of multi-speed polishing machine**

[Shao, Jun-Peng](#) (College of Mechanical Power Engineering, Harbin University of Science and Technology, Harbin, 150080, China); [Xu, Bin](#) **Source:** *Zhendong yu Chongji/Journal of Vibration and Shock*, v 31, n 4, p 110-114+150, February 28, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

500. **The application of the niching genetic algorithm to optimum design of the YKK series induction motor**

[Hu, Zhi-Qiang](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Hu, Guan-Yu](#); [Zong, Ji-Dong](#) **Source:** *Advanced Materials Research*, v 383-390, p 453-458, 2012, *Manufacturing Science and Technology*

Database: Compendex

[Abstract](#) | [Detailed](#) |

501. **The method of retrieving 3D parts based on cellular model**

[Gao, Xue-Yao](#) (College of Computer Science and Technology, Harbin University of Science and Technology, China); [Zhang, Chun-Xiang](#); [Zhai, Ming-Ge](#); [Gao, Shang-Ming](#); [Ren, Ming-Yuan](#) **Source:** *International Journal of Digital Content Technology and its Applications*, v 6, n 5, p 43-49, March 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

502. Geometric parameter design of self-locking foldable latticed shells in deployment process

[Lu, Chengjiang](#) (School of Architecture and Civil Engineering, Harbin University of Science and Technology, Heilongjiang Harbin 150080, China); [Zhao, Hongbin](#) **Source:** *Advanced Materials Research*, v 446-449, p 400-403, 2012, *Trends in Civil Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

503. Design of a LXI high-speed parallel data acquisition system

[Shang, Qinghua](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Guo, Shufeng](#); [Yu, Chunyu](#); [Zheng, Dianshuang](#) **Source:** *Advanced Materials Research*, v 433-440, p 7588-7593, 2012, *Materials Science and Information Technology, MSIT2011*

Database: Compendex

[Abstract](#) | [Detailed](#) |

504. Research on dielectric spectrum characteristics of nano Fe₃O₄ modified LDPE

[Zhang, Dong](#) (College of Electrical and Electronic Engineer, Harbin University of Science and Technology, Harbin, 150080, China); [Song, Wei](#); [Sun, Zhi](#); [Han, Bai](#); [Lei, Qingquan](#) **Source:** *Advanced Materials Research*, v 430-432, p 623-626, 2012, *Frontiers of Advanced Materials and Engineering Technology, FAMET 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

505. Bending properties and fracture mechanisms of ZnO and ZnAl₂O₄ coated aluminium borate whisker reinforced aluminium composites

[Wang, L.P.](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Yue, H.Y.](#); [Guo, E.J.](#); [Fei, W.D.](#); [Kang, F.W.](#); [Yu, Z.M.](#) **Source:** *Materials Science and Technology*, v 28, n 3, p 368-371, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

506. Control method analysis based on welding process

[Wu, Junfeng](#) (Automatic College, Harbin University of Science and Technology, Harbin 150080, China); [Ding, Chunlong](#) **Source:** *IET Conference Publications*, v 2012, n 598 CP, p 705-708, 2012, *International Conference on Automatic Control and Artificial Intelligence, ACAI 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

507. **The study of design for testability on analog circuit based on boundary-scan**

[Lin, Haijun](#) (School of Measurement-Control Technology and Communication Engineering, Harbin University of Science and Technology, Harbin, China); [Hou, Zelong](#); [Yao, Fu](#); [Xuhui, Zhang](#) **Source:** *Proceedings - 2012 International Conference on Computer Science and Service System, CSSS 2012*, p 195-198, 2012, *Proceedings - 2012 International Conference on Computer Science and Service System, CSSS 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

508. **Robust stability analysis for uncertainty linear systems with state saturation**

[Chen, Dong-Yan](#) (School of Applied Sciences, Harbin University of Science and Technology, Harbin 150080, China); [Li, Xing-Wei](#); [Shi, Yu-Jing](#) **Source:** *Chinese Control Conference, CCC*, p 2628-2633, 2012, *Proceedings of the 31st Chinese Control Conference, CCC 2012* **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

509. **Electro-hydraulic servo system identification of continuous rotary motor based on the integration algorithm of genetic algorithm and ant colony optimization**

[Wang, Xiao-Jing](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Li, Jian-Ying](#); [Li, Ping](#); [Xiu, Li-Wei](#) **Source:** *Journal of Donghua University (English Edition)*, v 29, n 5, p 428-433, October 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

510. **Vehicle License Plate Location based on improved Roberts operator and mathematical morphology**

[Wang, Aili](#) (Higher Educational Key Lab for Measuring and Control Technology and Instrumentations of Heilongjiang, Harbin University of Science and Technology, Harbin, China); [Liu, Xusheng](#) **Source:** *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*, p 995-998, 2012, *Proceedings of the 2012 2nd International Conference on Instrumentation and Measurement, Computer, Communication and Control, IMCCC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

511. **The effects of Zn²⁺ ion on the optical characteristics of Er³⁺ ion in Er:LiNbO₃ and Er/Yb:LiNbO₃ crystals**

[Shi, Liansheng](#) (College of Material Science and Engineering, Harbin University of Science and Technology, Harbin, China); [Qu, Yunfei](#); [Li, Yang](#); [Jiang, Kunjiu](#); [Guo, Tiantian](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*, 2012, *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

512. **Denoising of electrocardiogram signal based on Hilbert-Huang transform**

[Song, Lixin](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Wang, Qian](#); [Guan, Lili](#); [Wang, Yujing](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

513. **The morphology and properties of polyimide composite films with Ag@Al₂O₃**

nano-particles as fillers

[Ling, Weng](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, 150040, China); [Liu, Lizhu](#); [Gao, Xiaohui](#); [Xia, Qianshan](#); [Wang, Cheng](#) **Source:** *Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012, 2012, Proceedings - 2012 7th International Forum on Strategic Technology, IFOST 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

514. **Microstructure evolution of hot pressed AZ91D alloy chips reheated to semi-solid state**

[Xu, Hong-Yu](#) (School of Material 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 22, n 12, p 2906-2912, December 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

515. **Stability analysis for continuous-time three-dimensional systems with state saturation**

[Chen, Dongyan](#) (School of Applied Science, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Ding, Yanhui](#); [Shi, Yujing](#) **Source:** *Proceedings of the World Congress on Intelligent Control and Automation (WCICA)*, p 1282-1286, 2012, *WCICA 2012 - Proceedings of the 10th World Congress on Intelligent Control and Automation*

Database: Compendex

[Abstract](#) | [Detailed](#) |

516. **Design of electronic sphygmomanometer based on oscillography**

[Li, Xin](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Xu, Jun](#); [Duan, Jin-Hua](#); [Han, Leng](#) **Source:** *Applied Mechanics and Materials*, v 236-237, p 850-855, 2012, *Advanced Technology for Manufacturing Systems and Industry*

Database: Compendex

[Abstract](#) | [Detailed](#) |

517. **Modeling and simulation of milling forces for ball-end cutter with considering comprehensive factors**

[Sui, Xiulin](#) (College of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin, Heilongjiang Province, China); [Zhang, Ping](#) **Source:** *Applied Mechanics and Materials*, v 121-126, p 2098-2104, 2012, *Frontiers of Manufacturing and Design Science II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

518. **Research on NPM used in flame retardant epoxy potting**

[Zhou, Hao Ran](#) (Harbin University of Science and Technology, Harbin, Heilongjiang 150040, China); [Yang, Hao Cheng](#); [Sun, An](#); [Zhao, Shuang](#) **Source:** *Advanced Materials Research*, v 586, p 172-176, 2012, *Advanced Materials and Information Technology Processing II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

519. **Design of three-phase multi-function energy meter based on measurement chip RN8302**

[Zhang, Xu Hui](#) (Harbin University of Science and Technology, Harbin, China); [Liu, Jia](#); [Chen, Zeng Ji](#) **Source:** *Applied Mechanics and Materials*, v 226-228, p 1888-1891, 2012, *Vibration, Structural Engineering and Measurement II*

Database: Compendex

[Abstract](#) | [Detailed](#) |

520. **Study on the effect of compression loading on fatigue crack growth of aluminium under tension-compression cycle**

[Sha, Yu](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Jia-Zhen](#); [Bai, Shi-Gang](#); [Zhou, Zhen-Gong](#) **Source:** *Gongcheng Lixue/Engineering Mechanics*, v 29, n 10, p 327-334, October 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

521. **Simple continues near neighbor chain query of the datasets based on the R tree**

[Zhang, Liping](#) (School of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Li, Song](#); [Li, Lin](#); [Hao, Xiaohong](#) **Source:** *Journal of Computational Information Systems*, v 8, n 22, p 9159-9166, November 15, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

522. **Hysteretic behavior of steel column strengthened with CFRP in thermal environment**

[Li, Zhen-Guo](#) (College of Civil Engineering and Architecture, Harbin University of Science and Technology (HUST), Harbin, 150080, China); [Li, Yi-Heng](#) **Source:** *Telkomnika*, v 10, n 5, p 919-924, 2012 **Database:** Compendex

[Abstract](#) | [Detailed](#)

523. **Design of descending order non fragile controller for quadruped search-rescue robot based on multi sensor information fusion**

[Peng, Wang](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Jixiang, Li](#); [Yuan, Zhang](#); [Xiaoxi, Xu](#); [Huanrui, Hao](#) **Source:** *International Journal of Advancements in Computing Technology*, v 4, n 17, p 153-162, September 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

524. Design and TracePro simulation of variable contrast target in MRC measurement

[Liang, Chuan](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin, China); [Li, Wenjuan](#); [Wang, Yun](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 533-537, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

525. The design of musical instrument tuning system based on stm32f103 microcomputer

[Luo, Zhongming](#) (Higher Educ. Key Lab. for Measuring and Contr. Technol. and Instrumentations of Heilongjiang Prov., Harbin University of Science and Technology, Harbin 150080, China); [Liu, Zhuofu](#); [Zhang, Jia](#); [Song, Chunying](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 1, p 79-82, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

526. Research on telerobot control modes and timely automatic switching strategy

[Li, Dongjie](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Li](#); [You, Bo](#); [Yu, Zhilong](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 773-777, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

527. Network communication system brittleness research based on isomorphic

[Xue, Ping](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Liu, Yang](#); [Yu, Deshui](#); [Pei, Shujun](#); [Liang, Bingru](#); [Xu, Jun](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*, v 2, p 698-702, 2012, *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

528. Gas-sens characteristics research of Al/CuPc/Cu Schottky diode

[Pang, Chao](#) (Department of Electronic Science and Technology, College of Applied Science, Harbin University of Science and Technology, Heilongjiang Harbin 150080, China); [Wang, Dongxing](#); [Wang, Xiao Lin](#); [Wang, Changhao](#); [Yin, Jinghua](#); [Zhao, Hong](#) **Source:** *Proceedings of 2012 International*

Conference on Measurement, Information and Control, MIC 2012, v 1, p 428-431, 2012, Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

529. Preparation of ZnO: Tm, Gd and its fluorescence properties

[Dong, Limin](#) (College of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Li, You](#); [Li, Qin](#); [Shan, Lianwei](#); [Han, Zhidong](#); [Zhang, Xianyou](#) **Source:** *Surface Review and Letters*, v 19, n 5, October 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

530. Based on the fuzzy PID brushless DC motor control system design

[Xue, Ping](#) (School of Automation, Harbin University of Science and Technology, Harbin, China); [Wang, Haichao](#); [Hou, Juanjuan](#); [Li, Wenchao](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012, v 2, p 703-706, 2012, Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

531. LabVIEW-based data acquisition system design

[Wang, Hongmin](#) (College of Automation, Harbin University of Science and Technology, Harbin, 150080, China); [Li, Dandan](#); [Xue, Ping](#); [Zhu, Jie](#); [Li, Haibo](#) **Source:** *Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012, v 2, p 689-692, 2012, Proceedings of 2012 International Conference on Measurement, Information and Control, MIC 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

532. The non-fragile control theory with covariance constraint of gait stability for quadruped search-rescue robot

[Peng, Wang](#) (School of Mechanical and Power Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Jixiang, Li](#); [Yuan, Zhang](#); [Xiaoxi, Xu](#); [Huanrui, Hao](#) **Source:** *Journal of Convergence Information Technology*, v 7, n 17, p 522-530, September 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

533. Microstructure evolution in cooling process of Al-Zn-Mg-Cu alloy and kinetics description

[Zhang, Yu-Hua](#) (Engineering Training Center, Harbin University of Science and Technology, Harbin 150080, China); [Yang, Shu-Cai](#); [Ji, Hong-Zhi](#) **Source:** *Transactions of Nonferrous Metals Society of China (English Edition)*, v 22, n 9, p 2087-2091, September 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

534. Preparation of sludge adsorbent by dehydrated sludge from sewage treatment plants and removal of hydrogen sulfide

[Li, Fen](#) (Key Laboratory of Green Chemical Engineering and Technology of College of Heilongjiang Province, Harbin University of Science and Technology, Harbin 150040, China); [Zhang, Yan-Ping](#); [Yang, Ying](#); [Lei, Tao](#); [Bao, Guo-Chen](#) **Source:** *Gongneng Cailiao/Journal of Functional Materials*, v 43, n 15, p 2071-2074, August 15, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

535. Fabrication and characteristics of strontium barium niobate/barium strontium titanate ceramics by powder-sol method

[Shan, Lian-Wei](#) (Department of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Wang, Feng-Chun](#); [Wang, Ji-Hua](#); [Wu, Ze](#); [Han, Zhi-Dong](#); [Dong, Li-Min](#); [Zhang, Xian-You](#) **Source:** *Transactions of Nonferrous Metals Society of China (English Edition)*, v 22, n SUPPL. 1, p s138-s142, October 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

536. Guaranteed cost reliable control for fuzzy systems subject to the actuator failure

[Huang, Ling](#) (School of Automation, Harbin University of Science and Technology, No. 52, Xuefu Rd, Nangang Dist., Harbin 150080, China); [Wang, Kai](#); [You, Bo](#); [Shi, Peng](#); [Liu, Ji](#) **Source:** *ICIC Express Letters, Part B: Applications*, v 3, n 5, p 1085-1092, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

537. Kinematics analysis and simulation study of an archwire bending robot

[Zhang, Yongde](#) (Intelligent Machine Institute, Harbin University of Science and Technology, Harbin 150080, China); [Jiang, Jixiong](#) **Source:** *Gaojishu Tongxin/Chinese High Technology Letters*, v 22, n 7, p 727-734, July 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

538. Correlating solder interconnects failure with PCBs response during board level drop impact test

[Liu, Yang](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin, 150030, China); [Sun, Fenglian](#) **Source:** *China Welding (English Edition)*, v 21, n 2, p 7-12, June 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

539. A face recognition method based on the fusion of wavelet transform and $K(2D)^2$ PCA

[Liu, Xia](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Bo](#); [Xing, Chun](#) **Source:** *Journal of Computational Information Systems*, v 8, n 14, p 6057-6064, July 15, 2012

Database: Compendex

[Abstract](#) | [Detailed](#)

540. **Continuous visible reverse nearest neighbor queries in spatial databases**

[Yang, Zexue](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Hao, Zhongxiao](#) **Source:** *Xinan Jiaotong Daxue Xuebao/Journal of Southwest Jiaotong University*, v 47, n 3, p 451-457, June 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

541. **Quasi-distributed temperature measurements of stator bars inside a large generators**

based on fiber Bragg gratings

[Wang, Peng](#) (Key Laboratory of Engineering Dielectrics and Its Application of MOE, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); [Zhao, Hong](#); [Man, Yuguang](#); [He, Xin](#); [Sun, Yutian](#); [Liu, Jie](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 32, n 18, p 131-136, June 25, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

542. **Investigation of the interaction of p-benzoquinone and aqueous amino acids in liquid core**

optical fibers with raman spectroscopy

[Zhang, Liuyang](#) (Department of Optical Information Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Qu, Yuqiu](#); [An, Limin](#) **Source:** *IET Conference Publications*, v 2011, n 586 CP, p 1001-1004, 2012, *IET International Conference on Communication Technology and Application, ICCTA 2011*

Database: Compendex

[Abstract](#) | [Detailed](#)

543. **Stimulated Brillouin scattering with high reflectivity and fidelity in liquid-core optical fibers**

[Gao, W.](#) (Key Laboratory of Engineering Dielectrics and Its Application, Ministry of Education, Harbin University of Science and Technology, Harbin, China); [Sun, D.](#); [Bi, Y.F.](#); [Li, J.Y.](#); [Wang, Y.L.](#) **Source:** *Applied Physics B: Lasers and Optics*, v 107, n 2, p 355-359, May 2012

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(3\)](#) |

544. **High speed face milling cutter's dynamic response with deformation**

[Tao, Fuchun](#) (Machinery Industry Key Laboratory of Chip Control and High Efficiency Tool Technology, Harbin University of Science and Technology, 52 Xuefu Road, Harbin 150080, China); [Chen, Guangchao](#); [Jiang, Bin](#); [Chen, Bo](#); [Ding, Yan](#) **Source:** *Advanced Materials Research*, v 500, p 186-191, 2012, *Advances in Materials Processing X*

Database: Compendex

[Abstract](#) | [Detailed](#) |

545. **Adaptive open-plus-closed-loop method of projective synchronization in drive-response dynamical networks**

[Du, Hongyue](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China) **Source:** *Communications in Nonlinear Science and Numerical Simulation*, v 17, n 8, p 3353-3359, August 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

546. **Energy regeneration system for hybrid electric vehicle based on CAN bus**

[Ran, Li](#) (Dept. of Automation, Harbin University of Science and Technology, Harbin, China); [Junfeng, Wu](#); [Gechen, Li](#) **Source:** *Lecture Notes in Electrical Engineering*, v 141 LNEE, n VOL. 1, p 357-364, 2012, *Future Communication, Computing, Control and Management*

Database: Compendex

[Abstract](#) | [Detailed](#) |

547. **Study on data storage of dynamic integrated scheduling**

[Xie, Zhiqiang](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [He, Yujing](#); [Liu, Changhai](#); [Yang, Jing](#) **Source:** *Procedia Engineering*, v 29, p 4017-4024, 2012, *2012 International Workshop on Information and Electronics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

548. **Probabilistic wind power forecasting based on multi-state space and hybrid Markov chain models**

[Zhou, Feng](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, China); [Jin, Lisi](#); [Liu, Jian](#); [Zhang, Zaili](#) **Source:** *Dianli Xitong Zidonghua/Automation of Electric Power Systems*, v 36, n 6, p 29-33+84, March 25, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

549. **TOPSIS-based multi-criteria group decision making under heterogeneous Information**

Setting

[Peng, Dinghong](#) (School of Management, Harbin University of Science and Technology, 150040 Harbin, China); [Gao, Changyuan](#); [Wu, Lixuan](#) **Source:** *Advanced Materials Research*, v 378-379, p 525-530, 2012, *Applied Materials and Electronics Engineering, AMEE 2012*

Database: Compendex

[Abstract](#) | [Detailed](#) |

550. Cutting thickness of high speed ball-end milling hardened steel

[Yang, S.C.](#) (Machinery Industry Key Laboratory of Chip Control and High Efficiency Tool Technology, Harbin University of Science and Technology, 52 Xuefu Road, Harbin 150080, China); [Jiang, B.](#); [Li, H.Y.](#); [Zheng, M.L.](#); [Wang, S.J.](#) **Source:** *Advanced Materials Research*, v 426, p 24-27, 2012, *Advanced Materials and Manufacturing Technology I*

Database: Compendex

[Abstract](#) | [Detailed](#) |

551. Application of uniform design in experiments of WEDM in gas

[Wang, T.](#) (Harbin University of Science and Technology, 52 Xuefu Road, Harbin, 150080, China); [Xie, S.Q.](#); [Xu, X.C.](#); [Chen, Q.](#); [Lü, X.C.](#); [Zhou, S.H.](#) **Source:** *Advanced Materials Research*, v 426, p 11-14, 2012, *Advanced Materials and Manufacturing Technology I*

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#) |

552. Fluid flow and temperature field analysis between two poles of a large air-cooled hydro-generator rotor in rotation

[Li, Weili](#) (School of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150080, Heilongjiang Province, China); [Chen, Yuhong](#); [Huo, Feiyang](#); [Zhang, Yihuang](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 32, n 9, p 132-139, March 25, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(4\)](#)

553. Axial temperature distribution optimization of mandrel for heated mandrel winding method

[Qiao, Ming](#) (Harbin University of Science and Technology, 52 Number, Xuefu Road, Nangang district, Harbin 150080, China); [Xu, Jiazhong](#); [You, Bo](#); [Zou, Anlan](#); [Guo, Deyou](#) **Source:** *Journal of Reinforced Plastics and Composites*, v 31, n 9, p 631-638, May 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

554. Reliability growth prediction of army materiel system analysis activity model based on conditional distribution

[Guo, Jianying](#) (Institute of Sensor and Reliability, Harbin University of Science and Technology, Harbin 150080, China); [Sun, Yongquan](#); [Chen, Hongke](#); [Ding, Xibo](#) **Source:** *Jixie Gongcheng Xuebao/Journal of Mechanical Engineering*, v 48, n 4, p 188-192, February 20, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) |

555. Variable-universe adaptive fuzzy control of layered water injection technique

[Jia, De-Li](#) (School of Automation, Harbin University of Science and Technology, Harbin 150080, China); [Wang, Feng-Shan](#); [Xu, Jian](#); [Xu, Sheng-Nan](#) **Source:** *Dianji yu Kongzhi Xuebao/Electric Machines and Control*, v 16, n 2, p 66-70, February 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#)

556. **Adsorption of acid fuchsine in water by SOD-type zeolite synthesized from fly ash**
[Xu, Huan-Yan](#) (School of Materials Science and Engineering, Harbin University of Science and Technology, Harbin 150040, China); [Li, Ping](#); [Li, Guo-Dong](#); [Liu, Wei-Chao](#) **Source:** *Beijing Gongye Daxue Xuebao/Journal of Beijing University of Technology*, v 38, n 3, p 438-442, March 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

557. **An advanced review of hybrid machine translation (HMT)**
[Xuan, H.W.](#) (School of Software, Harbin University of Science and Technology, Harbin, 150040, China); [Li, W.](#); [Tang, G.Y.](#) **Source:** *Procedia Engineering*, v 29, p 3017-3022, 2012, *2012 International Workshop on Information and Electronics Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

558. **Analysis on magnetic field of extra high voltage generators asynchronously operated under loss-of-field condition**
[Lü, Yanling](#) (College of Electrical and Electronic Engineering, Harbin University of Science and Technology, Harbin 150040, Heilongjiang Province, China); [Ge, Baojun](#); [Tao, Dajun](#); [Zhang, Zhiqiang](#); [Lin, Peng](#) **Source:** *Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering*, v 32, n 6, p 170-175, February 25, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#)

559. **Research of Web service security model based on SOAP information**
[Pei, Shujun](#) (College of Computer Science and Technology, Harbin University of Science and Technology, Harbin 150080, China); [Chen, Deyun](#); [Chu, Yuyuan](#); [Xu, Qingfeng](#); [Xi, Shi](#) **Source:** *Information Technology Journal*, v 11, n 2, p 241-247, 2012

Database: Compendex

[Abstract](#) | [Detailed](#) |

560. **Calculation and analysis of temperature and fluid fields in water-cooled motor for coal cutters**
[Meng, Dawei](#) (Department of Electrical Engineering, Harbin University of Science and Technology, No. 52, Xuefu Road, Harbin, Heilongjiang, China); [Wang, Liying](#); [Xu, Yongming](#) **Source:** *Lecture Notes in Electrical Engineering*, v 135 LNEE, p 151-157, 2012, *Measuring Technology and Mechatronics Automation in Electrical Engineering*

Database: Compendex

[Abstract](#) | [Detailed](#) |

561. **Gear transmission fault tree analysis based on Bayesian network**

[Zhou, Zhen](#) (Harbin University of Science and Technology, Harbin 150080, China); [Zhang, Jinbiao](#); [Ma, Dezhong](#); [Qin, Yong](#); [Zhang, Bo](#) **Source:** *Advanced Materials Research*, v 499, p 482-486, 2012, *Polymer Composites and Polymer Testing*

Database: Compendex

[Abstract](#) | [Detailed](#) |

562. **Detection of harmonic in power system based on FFT and wavelet packet**

[Fang, Guo-Zhi](#) (The Key Laboratory of Measuring and Controlling Technologies and Instruments, Province of Heilongjiang, Harbin University of Science and Technology, Harbin 150080, China); [Yang, Chao](#); [Zhao, Hong](#) **Source:** *Dianli Xitong Baohu yu Kongzhi/Power System Protection and Control*, v 40, n 5, p 75-79, March 1, 2012 **Language:** Chinese

Database: Compendex

[Abstract](#) | [Detailed](#) | [Cited by in Scopus \(1\)](#)