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基本信息

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主要研究方向及内容

1. 数字化协同设计与制造
2. 复杂制造系统建模与运行过程仿真
3. 复杂产品制造过程质量控制与诊断的理论及方法研究

公开发表论文（代表作）

[1] Chen Bing, Yang Ting, Qi junde. Fault forecast technology of machine based on grey theory for aero-engine product line[C].Advanced Materials Research, v 338, p 718-722, 2011（EI:20114914585650）

[2] Bing Chen, Ting Yang, Shan Li, et al. Research on Simulation-based performance analysis of Aero-engine Casing production line [C]. 2010 IEEE 17th International Conference on Industrial Engineering and Engineering Management (IE&EM2010). October 21-23, Xiamen, China. (EI: 20105213534691)

[3] Chen Bing, Li Shan, Feng Tao, et al. Product Maturity and Its Fuzzy Evaluation Model with Entropy – AHP Weight [C]. 2010 International Conference on Engineering Management and Service Science, August 24-26, 2010, Wuhan, China. (EI: 20104813438245)

[4] Chen Bing, Yang Ting, Feng Tao. Ontology-based aero-engine compressor blade manufacturing quality analyzing [C]. 2009 International Conference on Computational Intelligence and Software Engineering (CiSE 2009), December 11-13, 2009 in Wuhan, China. (EI:20101212799863)

[5] Bing Chen, Jun Ji, Shan Li,Baohai Wu. Single Source of Product Data technology in aero engine design and manufacture collaboration.2nd International Conference on Intelligent Computing Technology and Automation,Zhangjiajie china Oct 10-11, ICICTA2009 (Vol4) pp430-433 (EI:20095112564915)

[6] Bing Chen, Mingwei Wang,Jun Ji,Shasha Zhang.Master model-driven process and fixture collaborative design for aeroengine blade manufacturing.2nd International Conference on Intelligent Computing Technology and Automation,Zhangjiajie china Oct 10-11, ICICTA2009 (Vol2) pp864-867 (EI: 20095112564685)

[7] Chen Bing, Wang shaowei,Li shan,Wang gang.Digital workshop layout evaluation and adjustment based on the fuzzy-ahp and generic algorithm. Proceeding s of the 2009 international conference on computational intelligence and natural computing. Wuhan,china June 6-7, 2009, CINC2009(Vol2)pp437-440 (EI:20094512430443)

[8] Bing Chen, Tao feng, Ting yang, Gang Wang. Multi-stage quality modeling and analyzing based on AHP and PLS.2009 international conference on measuring technology and mechatronics automation,Zhangjiajie, Hunan,China.2009 April 11-12, ICMTMA2009(Vol2)pp259-262 (EI:20094712476270)

[9] 陈冰，李山，吴宝海，王明微.基于尺寸关联和偏最小二乘回归的多工序质量分析与预测.计算机集成制造系统-CIMS，2009,15(2):389-398 (EI:20091311983395)

[10]Bing Chen, Ting Yang. Researches on Immersive Virtual Maintenance Assembly and its Key Technologies. 2008 International Symposium on Information Science and Engineering.Shanghai,China Dec,20-22,2008.ISISE2008(Vol1)pp254-258 (EI:20091311977640, ISTP:000263199700055)

[11]Bing Chen, Ting Yang, and Shan Li. Intelligent Acquisition and Integrated Application Technologies for Manufacturing Resources. 2008 IEEE Pacific-Asia Workshop on Computational Intelligence and Industrial Application. Wuhan, China, Dec 20-21,2008.PACIIA2008(Vol1)pp832-837 (EI：20091412011780)

[12]Chen B, Li S, Zhang DH, Jiang PY. Service-driven Manufacturing Information Processing for Digital Manufacturing Workshop. Global Design to Gain a Competitive Edge，Springer publisher August,2008.pp623-630.
(ISTP:000260673200063，EI: 20104013275479)

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[5]．"多曲面岛屿高效精密加工软件"（2008SR04042）排名第5
[6]．"航空发动机叶片高效精密数控加工专用系统软件"（2008SR04043)排名第6