

计算机集成制造系统

第 17 卷第 3 期

2011 年 3 月

目次

云制造及相关技术

- 再论云制造 李伯虎, 张霖, 任磊, 柴旭东, 陶飞, 罗永亮, 王勇智, 尹超, 黄刚, 赵欣培 (449)
- 云制造及相关先进制造模式分析 张霖, 罗永亮, 范文慧, 陶飞, 任磊 (458)
- 基于联邦模式的云制造集成体系架构 范文慧, 肖田元 (469)
- 云制造特征及云服务组合关键问题研究 陶飞, 张霖, 郭华, 罗永亮, 任磊 (477)
- 面向制造及管理的集团企业云制造服务平台
..... 战德臣, 赵曦滨, 王顺强, 程臻, 周学权, 聂兰顺, 徐晓飞 (487)
- 中小企业云制造服务平台共性关键技术体系
..... 尹超, 黄必清, 刘飞, 闻立杰, 王朝坤, 黎晓东, 杨书评, 叶丹, 柳先辉 (495)
- 云制造环境下的普适人机交互技术 马翠霞, 任磊, 滕东兴, 王宏安, 戴国忠 (504)
- 云制造资源虚拟化研究 任磊, 张霖, 张雅彬, 陶飞, 罗永亮 (511)
- 基于数据云与应用云分离模式的制造资源云定位服务平台 黄刚, 钟小勇, 龙渊铭, 张国军 (519)
- 云制造环境下外协加工资源集成服务模式及语义描述 尹胜, 尹超, 刘飞, 李孝斌 (525)
- 基于云服务的复杂产品协同设计方法 贺东京, 宋晓, 王琪, 徐程 (533)
- 基于云模型的数据分发管理 梅宏标, 王坚 (540)

产品创新开发技术

- 并行产品开发的重叠模型及其仿真优化 武照云, 李丽, 赵韩 (552)
- 基于多 Agent 的产品模块化协同设计策略 刘晋飞, 陈明, 姚远, 孔庆华 (560)
- 基于知识重用的产品方案设计多级实例推理模型 王体春, 卜良峰, 王威 (571)
- 面向对等网络知识集成网络的检索方法 周竞涛, 杨海成, 王明微, 赵寒, 张树生, 莫蓉 (577)
- 产品族工装配置技术研究是实现 郑联语, 纪录 (585)
- 基于精度和物性的虚拟装配技术 刘检华, 侯伟伟, 张志贤, 刘伟东, 蒋科 (595)
- 造船分段作业场所配置问题研究 胡仕成, 黄俊恒, 刘杨, 徐永东, 刘扬 (605)

数字化制造技术

- 求解柔性作业车间调度问题的遗传-蚁群算法 陈成, 邢立宁 (615)
- 基于改进微粒群算法的模具多项目动态调度 张沙清, 陈新度, 陈庆新, 陈新 (622)
- 改进差分进化算法求解不确定流程车间调度问题 王万良, 徐新黎, 施莉娜, 陈莉莉 (630)
- 基于移动最小二乘法测量数据的数控刀轨生成 韩有昂, 张英杰 (638)
- 圆弧齿廓谐波齿轮侧隙及干涉检查仿真 陈晓霞, 林树忠, 邢静忠, 刘玉生 (643)
- 基于误差特征分析的仿真模型可信性综合评估 吴静, 吴晓燕, 滕江川, 陈永兴 (649)

现代企业服务技术

- 大规模定制下基于本体的产品服务系统配置 董明, 苏立悦 (653)
- 企业员工知识贡献度评价模型及算法 乐承毅, 徐福缘, 顾新建, 潘凯, 代风, 彭本红 (662)
- 第 16 卷(2010 年)第 4 期入选 EI 论文作者名单 (486)

期刊基本参数: CN11-5946/TP * 1995 * m * A4 * 224 * zh * P * ¥45.00 * 1500 * 30 * 2011-03

Computer Integrated Manufacturing Systems

Vol. 17 No. 3 Mar. 2011

Contents

Further discussion on cloud manufacturing	LI Bohu, ZHANG Lin, REN Lei, CHAI Xudong, TAO Fei, LUO Yongliang, WANG Yongzhi, YIN Chao, HUANG Gang, ZHAO Xinpei (449)
Analyses of cloud manufacturing and related advanced manufacturing models	ZHANG Lin, LUO Yongliang, FAN Wenhui, TAO Fei, REN Lei (458)
Integrated architecture of cloud manufacturing based on federation mode	FAN Wenhui, XIAO Tianyuan (469)
Typical characteristics of cloud manufacturing and several key issues of cloud service composition	TAO Fei, ZHANG Lin, GUO Hua, LUO Yongliang, REN Lei (477)
Cloud manufacturing service platform for group enterprises oriented to manufacturing and management	ZHAN Dechen, ZHAO Xibin, WANG Shunqiang, CHENG Zhen, ZHOU Xuequan, NIE Lanshun, XU Xiaofei (487)
Common key technology system of cloud manufacturing service platform for small and medium enterprises	YIN Chao, HUANG Biqing, LIU Fei, WEN Lijie, WANG Zhaokun, LI Xiaodong, YANG Shuping, YE Dan, LIU Xianhui (495)
Ubiquitous human-computer interaction in cloud manufacturing	MA Cuixia, REN Lei, TENG Dongxing, WANG Hong'an, DAI Guozhong (504)
Resource virtualization in cloud manufacturing	REN Lei, ZHANG Lin, ZHANG Yabin, TAO Fei, LUO Yongliang (511)
Manufacturing resources cloud locating services platform based on separated data cloud and application cloud	HUANG Gang, ZHONG Xiaoyong, LONG Yuanming, ZHANG Guojun (519)
Outsourcing resources integration service mode and semantic description in cloud manufacturing environment	YIN Sheng, YIN Chao, LIU Fei, LI Xiaobin (525)
Method for complex product collaborative design based on cloud service	HE Dongjing, SONG Xiao, WANG Qi, XU Cheng (533)
Cloud model for data distribution management	MEI Hongbiao, WANG Jian (540)
Overlapping model and simulation optimization in concurrent product development	WU Zhaoyun, LI Li, ZHAO Han (552)
Collaborative design strategy of product modularity based on multi-Agent	LIU Jinfei, CHEN Ming, YAO Yuan, KONG Qinghua (560)
Model of hierarchical case-based reasoning for product scheme design based on knowledge reuse	WANG Tichun, BU Liangfeng, WANG Wei (571)
Query method for peer-to-peer knowledge integration network	ZHOU Jingtao, YANG Haicheng, WANG Mingwei, ZHAO Han, ZHANG Shusheng, MO Rong (577)
Research and implementation of tooling configuration for product family	ZHENG Lianyu, JI Lu (585)
Virtual assembly technology based on precision and physical attribute	LIU Jianhua, HOU Weiwei, ZHANG Zhixian, LIU Weidong, JIANG Ke (595)
Block-building operation place configuration problem for shipbuilding enterprises	HU Shicheng, HUANG Junheng, LIU Yang, XU Yongdong, LIU Yang (605)
GA-ACO for solving flexible job shop scheduling problem	CHEN Cheng, XING Lining (615)
Dynamic scheduling for multiple mould and die projects based on improved particle swarm optimization	ZHANG Shaqing, CHEN Xindu, CHEN Qingxin, CHEN Xin (622)
An improved differential evolution algorithm for uncertain process shop scheduling problem	WANG Wanliang, XU Xinli, SHI Li'na, CHEN Lili (630)
Tool path generation on measured data using moving least squares method	HAN Youang, ZHANG Yingjie (638)
Simulation on gear backlash and interference check of harmonic drive with circular-arc teeth profile	CHEN Xiaoxia, LIN Shuzhong, XING Jingzhong, LIU Yusheng (643)
Synthesis evaluation of simulation model credibility based on error feature analysis	WU Jing, WU Xiaoyan, TENG Jiangchuan, CHEN Yongxing (649)
Ontology-based product-service system configuration of mass customization	DONG Ming, SU Liyue (653)
Evaluation model and algorithm for knowledge contribution of enterprise staff	LE Chengyi, XU Fuyuan, GU Xinjian, PAN Kai, DAI Feng, PENG Ben-hong (662)