



## 论文摘要

中南大学学报(自然科学版)

ZHONGNAN DAXUE XUEBAO(ZIRAN KEXUE BAN)

Vol.33 No.2 Apr.2002

 [PDF全文下载]  [全文在线阅读]

文章编号: 1005-9792(2002)02-0193-04

### 网络环境下基于AutoCAD2000及 ObjectARX3.0的二次开发方法

樊广军, 张星星

(中南大学机电工程学院, 湖南长沙 410083)

**摘要:** 采用Visual C++6.0在网络环境下访问ORACLE数据库技术和基于AutoCAD2000及ObjectARX3.0进行二次开发的一些关键技术, 实现了在网络环境下一个注射模标准件的参数化设计过程; 通过实例说明利用AutoCAD来实现机械CAD中设计计算、工程数据库的查寻以及参数化绘图等功能的集成方法, 以改善目前国内机械CAD应用过程中过多地依靠人机交互的状况, 提高了机械设计效率. 应用这些关键技术, 开发了一个网络环境下注射模CAD系统.

**关键字:** Visual C++6.0; ObjectARX3.0; 网络

### The method of AutoCAD2000's second development on the network

FAN Guang-jun,ZHANG Xin-xin

(College of Mechanical and Electrical Engineering, Central South University, Changsha 410083, China)

**Abstract:** This paper describes a few key technologies of how Visual C++6.0 accesses ORACLE database on the network and how the second development is carried out based on AutoCAD2000&ObjectARX3.0, and also provides an example of standard parts of injection mould that includes these key technologies. Its goal is to explain the successful way of integrating design and calculation, searching of engineering database and parameterized drawing by means of the newest and the most capable utility of AutoCAD to improve the status of CAD application in mechanical design in our country where the designer has to depend on mutual commands between computer and person too much to draw and to promote efficiency of machine design. We succeeded in developing the injection mould CAD system on the network by means of these key technologies.

**Key words:** visual C++6.0; objectARX3.0; network

版权所有：《中南大学学报(自然科学版、英文版)》编辑部

地 址：湖南省长沙市中南大学 邮编： 410083

电 话： 0731-88879765 传真： 0731-88877727

电子邮箱： zngdxb@mail.csu.edu.cn 湘ICP备09001153号