

产品

(50元) (800元) 科学仪器远程操作的软件远程测控技术研究

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收稿日期 2004-11-26 修回日期 网络版发布日期 接受日期

摘要 软件远程测控技术是实现基于软件测控的科学仪器远程操作的关键。针对科学仪器远程操作, 提出屏幕取词、局部图像截取、剪贴板、文件获取软件测量技术和模拟键盘鼠标软件控制技术, 通过远程操作科学仪器的软件达到远程操作科学仪器的目的。应用本软件测控技术成功实现SHRIMP II 离子探针质谱仪的远程操作

关键词 [远程操作,科学仪器,软件测控,屏幕取词,模拟控制](#)

分类号

Technology of Remotely Measuring and Controlling Software to Remotely Operate Scientific Instruments

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Abstract

The technology of remotely controlling software is of most importance for the remote operation of the scientific instruments controlled by the software. For remote operating scientific instruments, we have proposed the technologies of measuring software such as getting words from screen, capturing images partly, clipboard, gaining documents as well as the technologies of controlling software, such as simulating keyboard and mouse. The scientific instruments could be operated remotely through the using of the technologies to control its software. The remote operation of the ion probe mass spectrum SHRIMP II was successfully implemented applying these technologies.

Key words [remote operation](#) [scientific instruments](#) [measure and control software](#) [get words from screen](#) [simulative control](#)

DOI:

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