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## 基于局域网的导弹远程操控数据链通道仿真

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Title: Simulation of Missile Remote Control Data Link Channel Based on LAN

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关键词: [远程操控数据链](#); [协议设计](#); [延迟仿真](#); [流量控制](#)

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摘要: 为了搭建远程巡航导弹远程操控关键技术的验证环境,基于局域网对远程操控数据链进行通道仿真研究。紧紧抓住与远程操控相关的数据链传输内容、带宽和延时特性,采用软件高精度定时技术和局域网流量控制技术,从应用层建立数据链仿真通道。数据链通道仿真效果表明,该方法可以较好满足图像压缩传输实验等需求。

Abstract: Remote control data link(RCDL)channel simulation based on LAN could lay experiment foundation for key technologies of remote control.The data package protocol, the bandwidth and the delay related to remote control were considered. In this study, a high-accuracy time-recorder method and an accurate flow control technology were used to simulate the delay and the bandwidth respectively. According to simulation effect, the simulation method is effective.

[导航/NAVIGATE](#)

[本期目录/Table of Contents](#)

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