

混合模式下的农业机械载荷谱数据管理系统 Realization of Load Spectrum Data Management System for Typical Agricultural Machinery Based on Hybrid Model

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关键词: 典型农业机械 载荷谱数据库 混合模式 浏览器/服务器 客户机/服务器

摘要: 以拖拉机、联合收获机等典型农业机械载荷谱数据库建设工作为背景, 基于B/S与C/S混合模式, 利用.NET技术体系设计与实现载荷谱数据库信息管理系统。针对实际情况和工程应用的具体需求制定了系统的总体方案, 设计了系统的结构模型, 最后完成系统具体模块的开发调试。系统可实现载荷谱数据现代化管理、增加信息沟通渠道、提高结构疲劳寿命研究工作的效率。 Against the background of implementing load spectrum data management system of the typical agricultural machinery, the load spectrum data management system was designed and implemented using the technology of .NET in the mixed model of C/S and B/S. Then overall plan and structure model of the system were worked out according to actual situation and detailed requirements of engineering application. Finally, each system module was coded and debugged. Thus, it can be implemented for the modernization management of load spectrum data, adding communication channels and improving efficiency of structural fatigue research.

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