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### 车间生产计划与加工过程的集成系统MFAS

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### MFAS FOR INTEGRATION OF PRODUCTION PLANNING AND MACHINING

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摘要

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摘要 在自动化程度低的传统机械加工车间,由于生产计划与加工过程之间缺乏紧密的联系,使得计划对生产现场的管理与控制比较困难。目前开发的物流自动化系统MFAS (Material Flowing Automatic System),以层次式的计划管理方法为基础,利用计算机网络和在线式立体仓库,将车间生产计划与加工过程有效地集成为一个整体。

关键词: 车间 生产规划 自动化 计算机网 供应

Abstract: Integration is difficult for manufacturing shop floor equipped with few NC machine tools, because production planning and machining are connected loosely. The realization method of a material flowing automatic system (MFAS) is presented, which controls both material and information flow of the shop floor by using on-line autostorehouse and computer local area network (LAN). An instance of MFAS which is used to implement the integration of production planning and machining in Zhengzhou Textile Machine Plant (ZTMP) is described.

Keywords: shops production planning automation computer networks supplying

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