應用集體緩衝於瓶頸迴流生產型態之限制驅導式主生產排程方法研究

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摘要

Constraint-Based Master Production Scheduling (CBMPS) has been proposed by Spencer & CoxⅢ[7]and has been accepted by factories whose constraint dose not feed itself. In the bottleneck reentry environments, however, the Constraint-Based Master Production Scheduling (CBMPS) model is infeasible because its constraint must feed itself several times. A prototype of CBMPS is also developed by using Excel VBA to demonstrate the feasibility of the model.

關鍵字：DBR-based Master Production scheduling(MPS), Global Buffer, Bottleneck Reentry, DBR-based MPS in the bottleneck reentry environments (CBMPS), Drum-Buffer-Rope(DBR).