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Abstract
Among the present scheduling problems, the scheduling problem of the SPS industry is a very difficult combinatorial optimization problem academically. Except for a few special cases, this kind problem is generally NP-HARD. This study uses mathematical programming to get minimal Makespan of scheduling problem of the SPS industry. And we also find the more efficient dispatching rule by discussing the dispatching rule of reentrant machines. We hope this could offer dealers the references on production management.
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