

Scheduling Report

L. O'Toole and H. Simonis

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1 Introduction

Table 1: Problem

Name	Timepoints as Date	Nr Products	Nr Process	Nr Disjunctive Resources	Nr Cumulative Resources	Nr Orders	Nr Jobs	Nr Tasks
P1	true	5	5	6	1	20	20	60

2 Orders

Table 2: Orders (Total 20)

Name	Product	Process	Qty	Release	Due	Earliness	Weight	Lateness	Weight
Order0	Prod1	Process 1	5	0	2,470		1.00		1.00
Order1	Prod4	Process 4	1	0	2,845		1.00		1.00
Order2	Prod1	Process 1	7	0	752		1.00		1.00
Order3	Prod1	Process 1	9	0	2,873		1.00		1.00
Order4	Prod1	Process 1	2	0	506		1.00		1.00
Order5	Prod4	Process 4	6	0	2,203		1.00		1.00
Order6	Prod3	Process 3	4	0	869		1.00		1.00
Order7	Prod3	Process 3	4	0	2,728		1.00		1.00

Name	Product	Process	Qty	Release	Due	Earliness	Weight	Lateness	Weight
Order8	Prod4	Process 4	8	0	2,462		1.00		1.00
Order9	Prod1	Process 1	5	0	2,800		1.00		1.00
Order10	Prod0	Process 0	8	0	988		1.00		1.00
Order11	Prod3	Process 3	2	0	405		1.00		1.00
Order12	Prod4	Process 4	9	0	1,363		1.00		1.00
Order13	Prod3	Process 3	9	0	361		1.00		1.00
Order14	Prod1	Process 1	6	0	2,453		1.00		1.00
Order15	Prod3	Process 3	5	0	2,073		1.00		1.00
Order16	Prod4	Process 4	5	0	185		1.00		1.00
Order17	Prod2	Process 2	5	0	647		1.00		1.00
Order18	Prod1	Process 1	1	0	1,287		1.00		1.00
Order19	Prod0	Process 0	9	0	1,310		1.00		1.00

3 Solution

Table 3: Solutions (Total 1)

Name	SolverStatus	Objective Value	Bound	Gap	Makespan	Flowtime	Total Lateness	Max Lateness	Total Earliness	Max Earliness	Model Type	Objective Type	Time
Sol1	Solution	157	71.00	0.55	157	2,609	0	0	28,971	2,775	CPO	Makespan	60.15