

Scheduling Report

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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
test	true	5	5	8	1	50	50	200

2 Solution

Table 2: Relaxation of Constraints

Name	Label	Enforce Release Date	Enforce Due Date	Enforce Cumulative	Enforce WiP	Enforce Downtime	Nr Threads	Timeout (s)
Sol8	test	true	false	false	true	true	2	60

Table 3: Solutions (Total 1)

Name	Solver Status	Objective Type	Objective Value	Bound	Gap	Makespan	Flowtime	Total Lateness	Max Lateness	Nr Late	Total Earliness	Max Earliness	Nr Early	Model Type	Time (s)
Sol8	Solution	Makespan	1,811	475.00	0.74	1,811	55,019	3,474	743	7	94,488	5,568	43	CPO	60.04

Figure 1: Cost of Intermediate Solutions

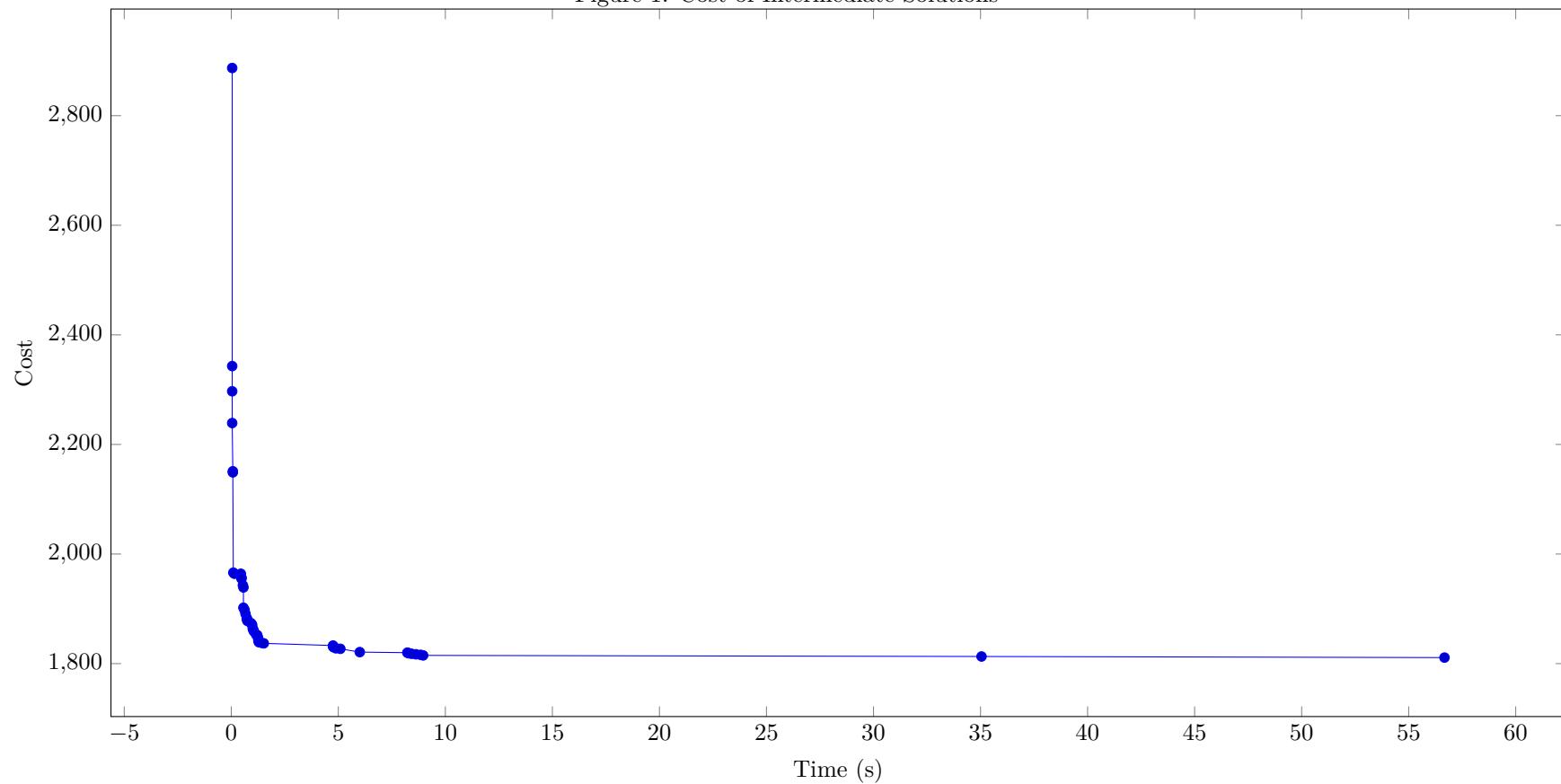


Figure 2: Machine Gantt for Solution Sol8

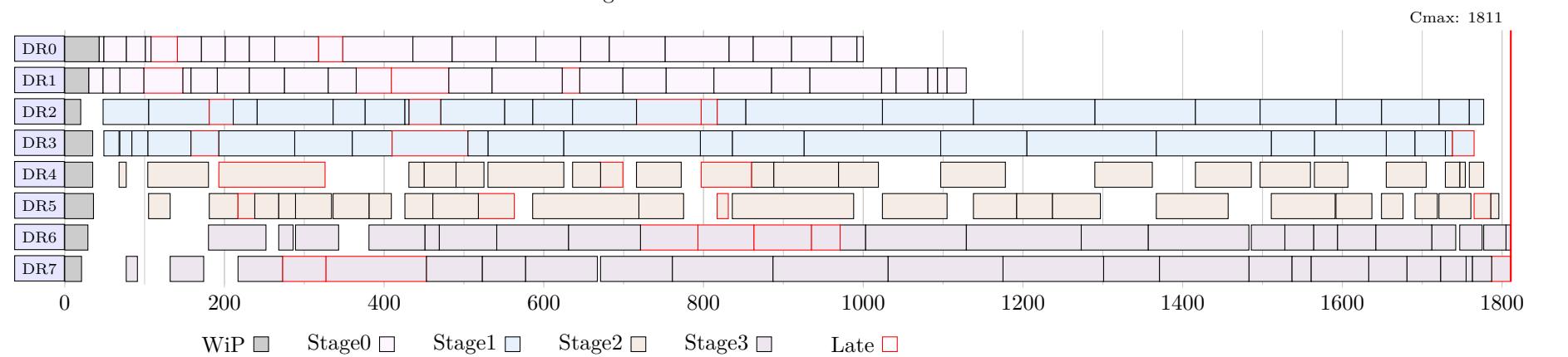


Figure 3: Job Gantt for Solution Sol8 (Part 1 of 2)

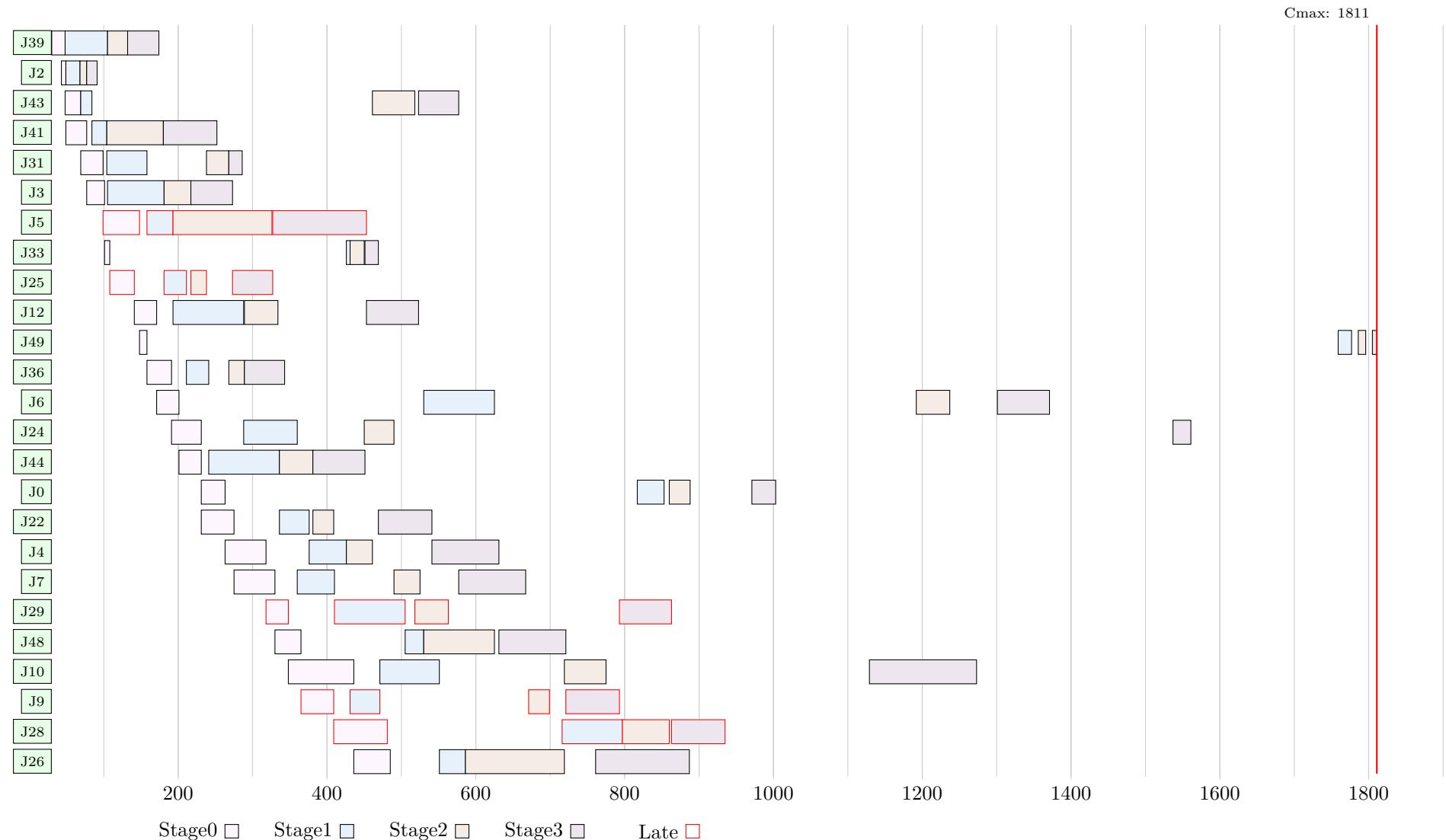
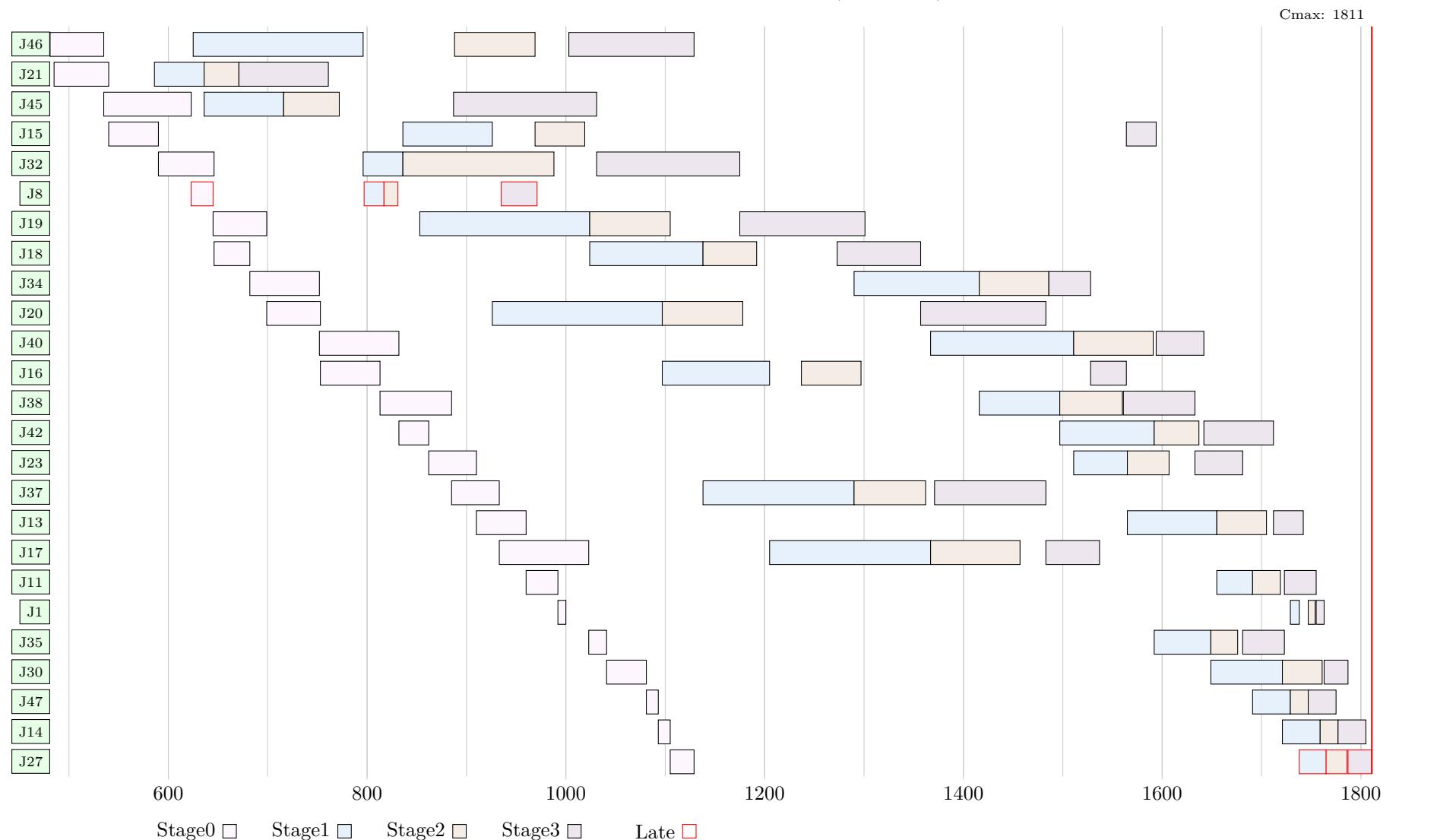


Figure 4: Job Gantt for Solution Sol8 (Part 2 of 2)



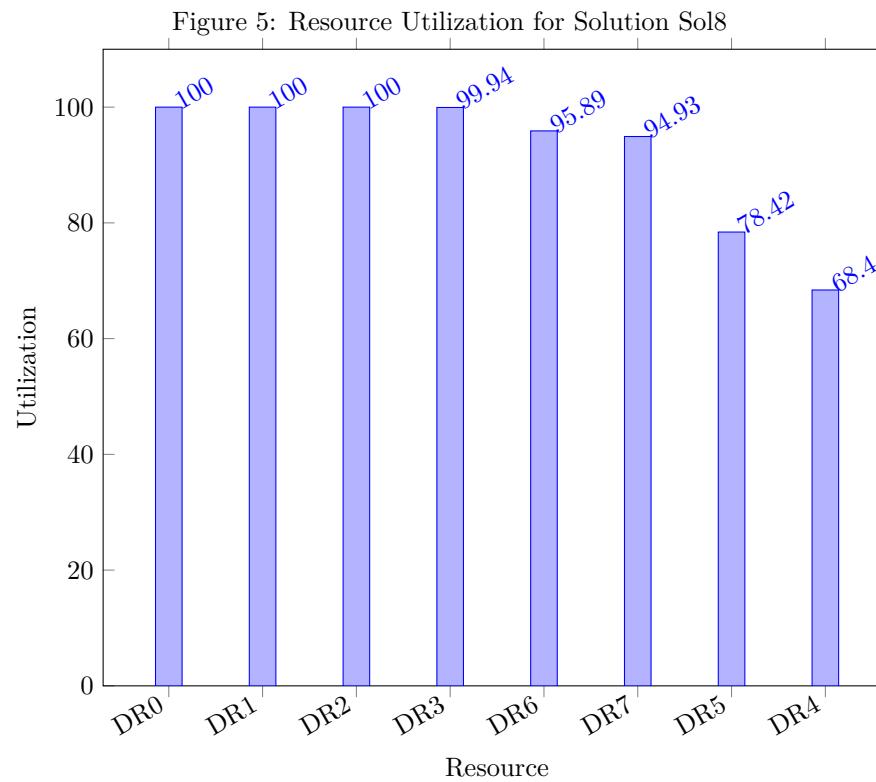


Figure 6: Cumulative Resource Use CR0

