

# Simulation of Scheduling in Real-Time Systems Model: CheckMissSched

Table 1: Tasks

Task number	Arrival Time	Execution Time	Deadline	Period
1	2	69	207	207
2	3	137	411	411
3	0	82	246	246
4	0	18	54	54
5	6	69	207	Aperiodic
6	0	137	411	Aperiodic
7	0	82	246	Aperiodic
8	0	18	54	Aperiodic

Table 2: Average Turnaround Times

Task	Average Turnaround Time
1	206.5
2	No Value
3	No Value
4	18
5	204
6	383
7	No Value
8	36
Total Average Turnaround Time	169.5

Table 3: Simulation Results in Numbers

CPU Idle Time	0
Number of Deadlines reached	3
Number of Deadlines missed	5
Number of Completed tasks	5
Number of Tasks	8

Table 4: Simulation Results in Percentage

CPU Idle Time	0%
Deadlines missed	62.5%
Completed tasks	62.5%









