

symbol	description
J	set of jobs
p_i	processing time of i th job
w_i	weight of i th job
d_i	(exact) due-date of i th job
$[d_i^-, d_i^+]$	uncertainty interval of due-date of i th job
W	sum of all weights, i.e., $\sum_{i \in J} w_i$
\mathcal{U}	set of all scenarios, i.e., $\mathcal{U} = \times_{i=1}^n [d_i^-, d_i^+]$
d_i^S	due-date of i th job in scenario $S \in \mathcal{U}$
\mathcal{P}	set of all permutations of J
π	a schedule (a permutation of J)
$\pi^{-1}(i)$	the time when job i starts in schedule π
$C(\pi, i)$	completion time of job i in schedule π
$F(\pi)$	total weight of late jobs (scheduling objective)
$R(\pi, S)$	regret of solution π in scenario $S \in \mathcal{U}$
$Z(\pi)$	maximum regret of solution π