

## Common Notation in the Real-Time Systems Literature

$\tau_i$	generic task
$\tau_{i,k}$	$k^{\text{th}}$ job of task $\tau_i$
$C_i$	worst-case computation time of task $\tau_i$
$c_i(t)$	remaining worst-case computation time of task $\tau_i$ at time $t$
$e_{i,k}(t)$	actual execution time of job $\tau_{i,k}$ at time $t$
$T_i$	period or minimum interarrival time of task $\tau_i$
$D_i$	relative deadline of task $\tau_i$
$P_i$	nominal (fixed) priority of task $\tau_i$
$p_i$	dynamic priority of task $\tau_i$
$R_i$	maximum response time of task $\tau_i$
$R_{i,k}$	response time of job $\tau_{i,k}$
$r_{i,k}$	release time of job $\tau_{i,k}$
$d_{i,k}$	absolute deadline of job $\tau_{i,k}$
$\Phi_i$	(task phase) initial release time of task $\tau_i$ ( $\Phi_i = r_{i,1}$ )