

Notation	Meaning
n, m, k	number of skills, individuals, tasks
Δ	the size of the largest minimal team
C_{ti}	the i -th team that covers task t
μ	approximation ratio of MINCOSTTEAMSELECTION problem
x_{ti}^*	(approximate) solution of primal LP
$\mathcal{N}(C_{ti})$	C_{ti} 's adjacent teams
\mathcal{C}_t	set of teams that cover task t
\mathbf{C}	$\mathbf{C} = \{\mathcal{C}_1, \dots, \mathcal{C}_k\}$
\mathcal{C}_t^H	set of teams on task t corresponding to the separating hyper-planes
\mathbf{C}^H	$\mathbf{C}^H = \{\mathcal{C}_1^H, \dots, \mathcal{C}_k^H\}$
\mathbf{C}^I	set of input teams of LP rounding