

Variable	Description
$V$	set of nodes in a graph
$E$	set of edges in a graph
$B(e)$	edge capacity for edge $e$
$C(v)$	node capacity for node $v$
$D$	the set of flow demands
$\delta^+(v)$	the edges leaving vertex $v$
$\delta^-(v)$	the edges entering vertex $v$
$P$	the set of walks from sources to destinations
$p_{i,\pi}^v$	walk-based; the amount of flow $i$ from $s_i$ to $t_i$ exactly using walk $\pi$ and processed at $v$
$f_i(e)$	edge-based; the amount of flow $i$ that traverses $e$ on its way from $s_i$ to $t_i$
$w_i(e)$	edge-based; the amount of unprocessed flow $i$ that traverses $e$ on its way from $s_i$ to $t_i$
$p_i(v)$	edge-based; the amount of processing done at node $v$ for the $i$ th flow