

Symbol	Definition
$G$	a graph
$n$	number of nodes in $G$
$m$	number of edges in $G$
$t$	number of triangles in $G$
$\Delta(e)$	# triangles that edge $e$ participates
$\Delta$	$\max \Delta(e)$
$p$	sparsification parameter
$p^*$	a $p$ value which gives concentration
$p_I^*$	ideal $p$ value, $p_I^* = \min(p^*)$
$T$	random variable, estimate of $t$