

Coloring

Type	Rounds
Unrooted Tree	$O(\log^* n)$
General Graph with $O(\Delta^2)$ Colors	$O(\log^* n)$
General Graph with $O(\Delta + 1)$ Colors	$O(\Delta \log \Delta + \log^* n)$

Algorithms

Type	Rounds	Message Complexity
Minimum Spanning Tree	$O(n \log n)$	$O(m \log n)$
	$O(n)$	$O(m + n \log n)$
Maximal Independent Set (MIS)	$O(\log n)$, WHP	

Labeling

||