

<i>Topic</i>	<i>Algorithm</i>	<i>Work</i>	<i>Time</i>	<i>Notes</i>
Euler Tours				
	Basic algo			
	applications			
	postorder num	n	logn	EREW
	set levels	n	logn	EREW
	num desc	n	logn	EREW
Tree contraction				
	Rake oper.		1	1 EREW
	Contraction	n	logn	EREW Proof 2 concurrent rakes do not interfere
	Expression evaluation	n	logn	EREW using contraction
Range minima	Basic solution	nlogn	logn	CREW How to make it EREW
	Optimal soln	n	logn	
Nearest common ancestor	Solution	n	logn	Uses Euler tour, range minima
2-3 Tree insertion	Basic par algo	kogn	logk logn	
	Better algorithm	klogn	logk + logn	Introduces pipelining