



Recurrencies

- Recursion, divide and conquer
- Inhomogeneous recurrence
 - General form of solution
 - Taking care of the RHS and initial conditions
 - Multiple roots of characteristic equation
 - Transformations
 - Change of variable
 - Change of range







- Complete, connected, strongly connected, articulation points, spanning trees, paths, cycles, DAGs
- Two simple traversals
 - DFS, BFS: What is runtime asymptotics?
- Two representations
- Two parameters





