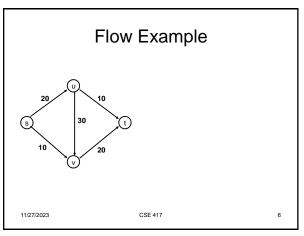


Network FlowImage: Stress of the stres

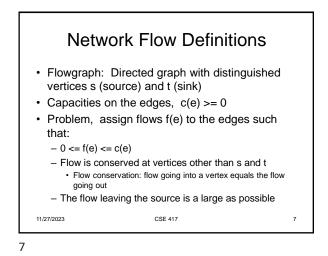
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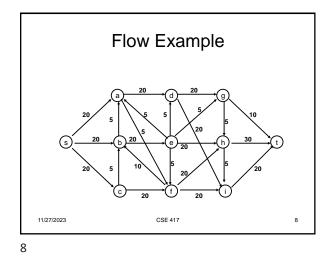
Network Flow Definitions
Capacity
Source, Sink
Capacity Condition
Conservation Condition
Value of a flow

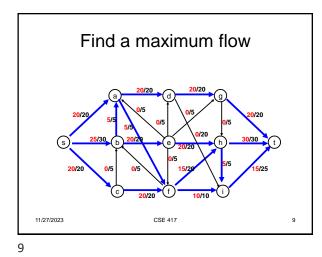


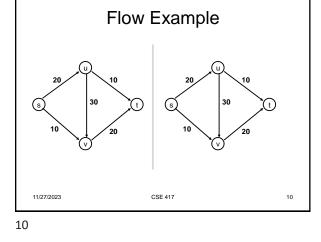


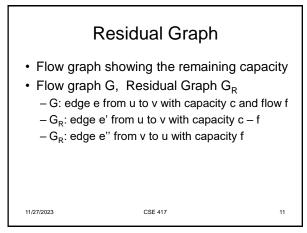
4

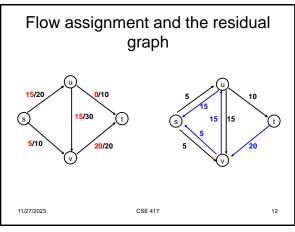


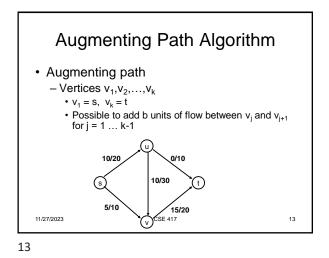


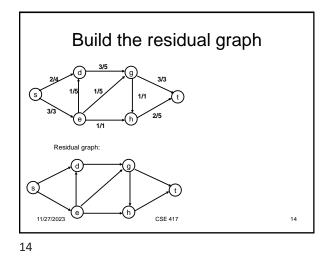






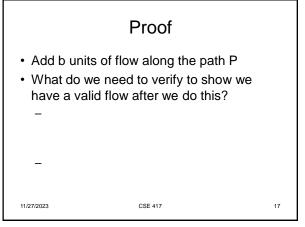


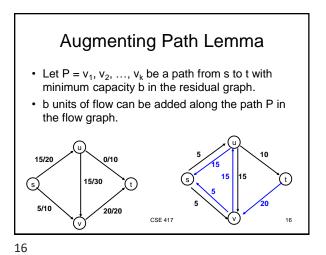




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15





Ford-Fulkerson Algorithm (1956) while not done Construct residual graph G_R Find an s-t path P in G_R with capacity b > 0 Add b units along in G If the sum of the capacities of edges leaving S is at most C, then the algorithm takes at most C iterations

