

# Algorithm - Graph

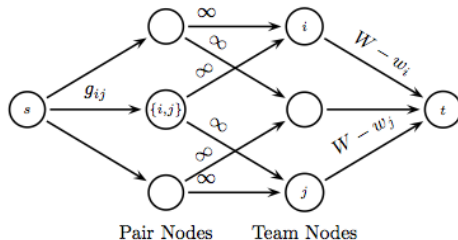


Image courtesy of Kevin D. Wayne, Princeton University

- ▶  $team_k$  - Team being tested for elimination.
- ▶  $team_i$  and  $team_j$  - Arbitrary teams in  $team_k$ 's division
- ▶  $g_{i,j}$  - Number of games left between  $team_i$  and  $team_j$
- ▶  $W$  - Current score of  $team_k$  + games  $team_k$  has remaining
- ▶  $w_i$  - Number of game  $team_i$  won