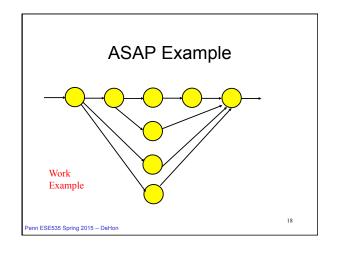
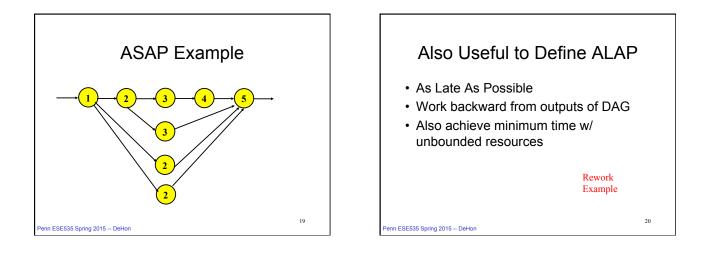


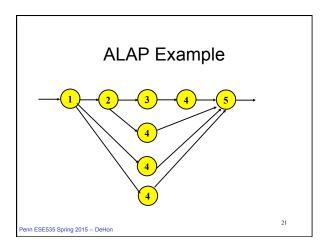
- While visit queue not empty
  - pick node
  - update time-slot based on latest input
  - Time-slot = max(time-slot-of-inputs)+1
  - mark inputs of all successors, adding to visit queue when all inputs marked

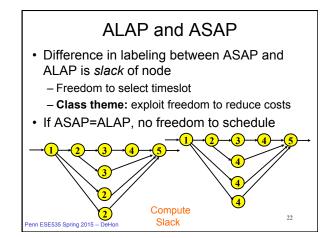
17

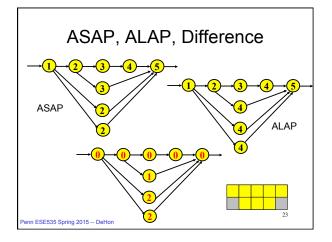


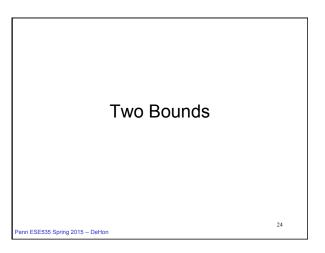


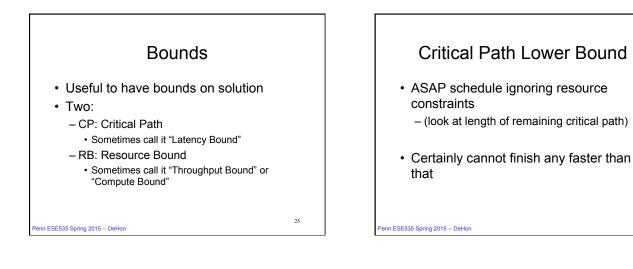


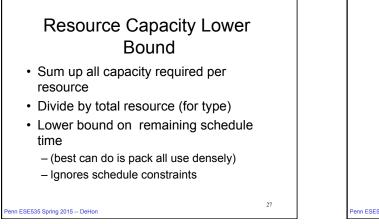


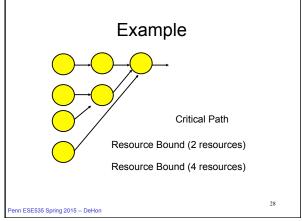


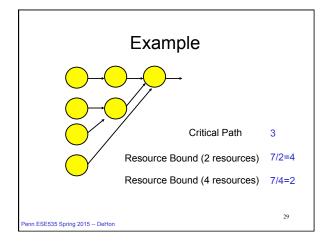


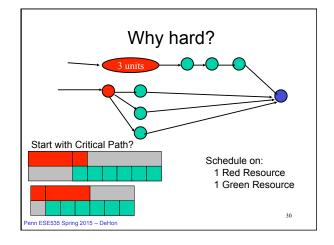


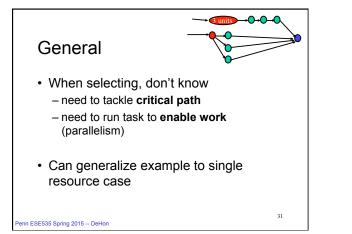


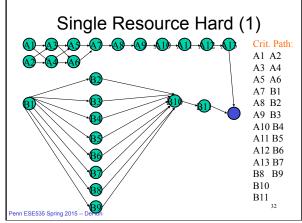


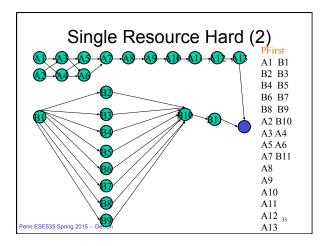


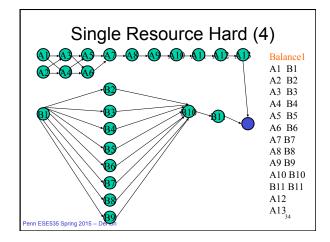


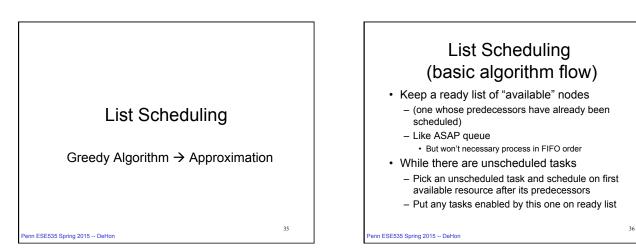


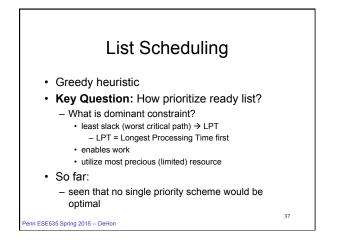


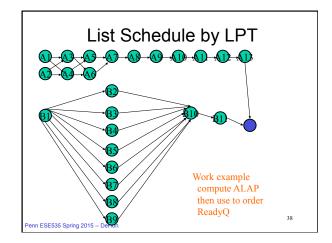


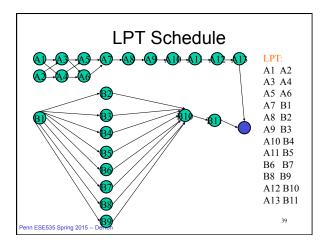


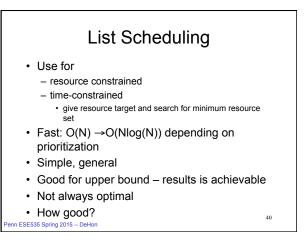


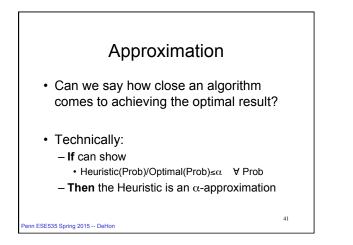


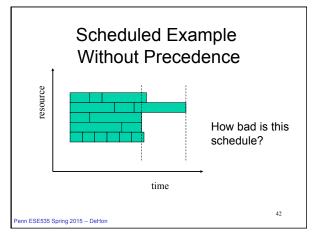


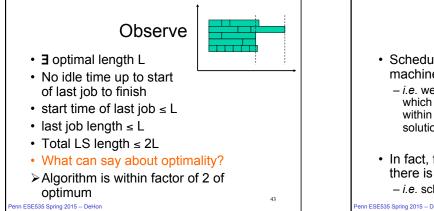


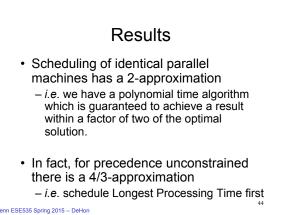


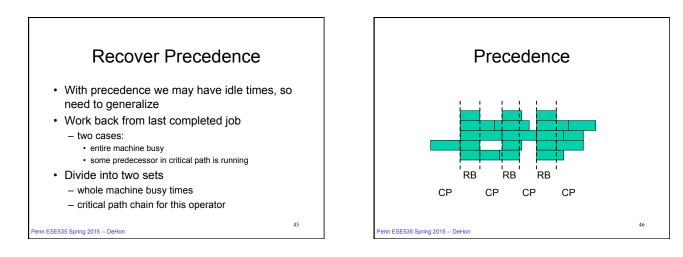


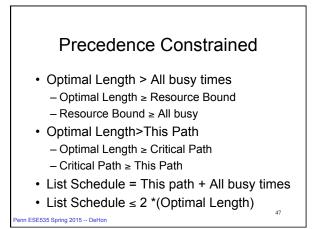


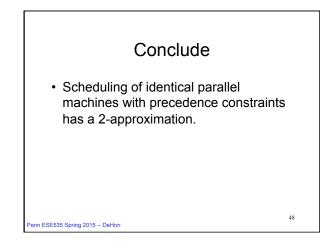


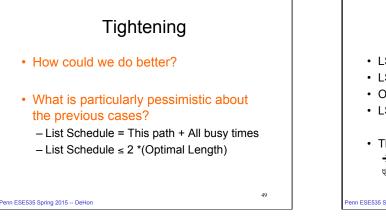










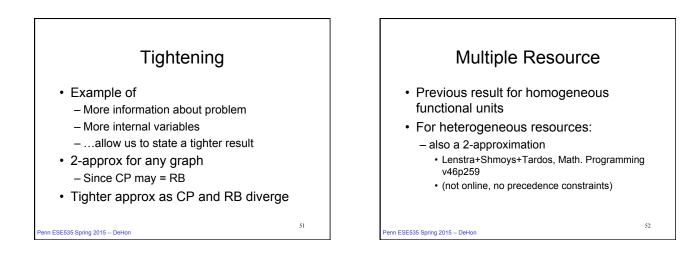


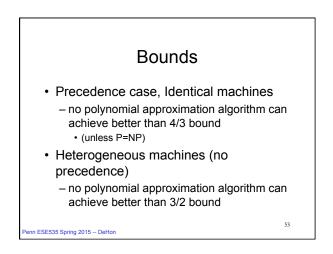
## Tighten

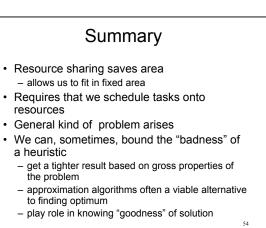
- LS schedule ≤ Critical Path+Resource Bound
- LS schedule ≤ Min(CP,RB)+Max(CP,RB)
- Optimal schedule ≥ Max(CP,RB)
- LS/Opt ≤ 1+Min(CP,RB)/Max(CP,RB)
- The more one constraint dominates
  → the closer the approximate solution to optimal
  ७(EEs think about 3dB point in frequency response)

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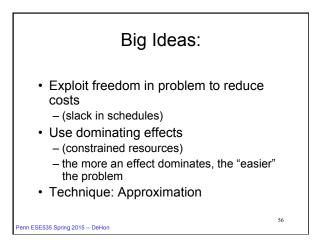




## Relate HMC

• How does this relate to our mapping for Heterogeneous multicontext computing array?

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## Admin

- Reading on web for Monday
   Same reading for today and Monday
- Assignment 4 Due Thursday

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