

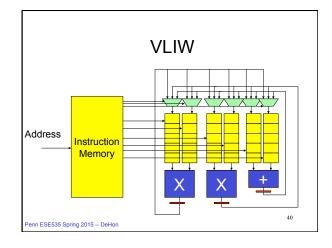
## VLIW

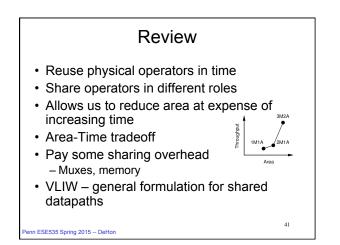
- · Very Long Instruction Word
- · Set of operators
  - Parameterize number, distribution (X, +, sqrt...)
    More operators → less time, more area
    Fewer operators → more time, less area
- Memories for intermediate state
- Memory for "long" instructions
- Schedule compute task
- General framework for specializing to problem

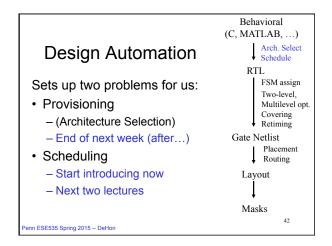
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- Wiring, memories get expensive
- Opportunity for further optimizations
- · General way to tradeoff area and time

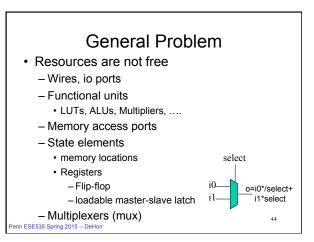
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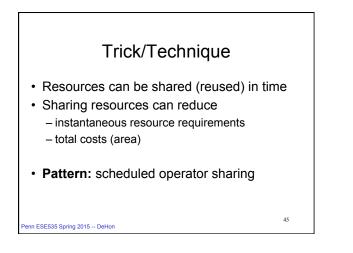


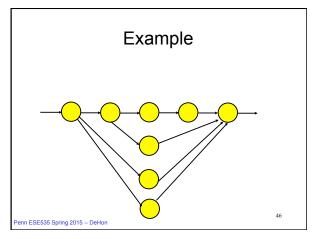


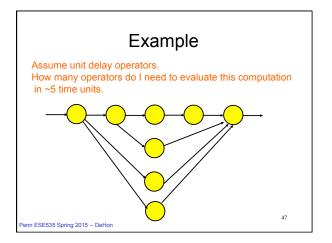


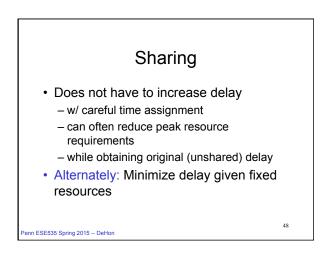


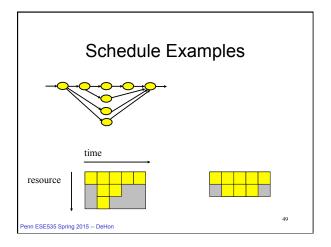


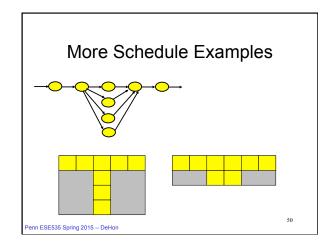


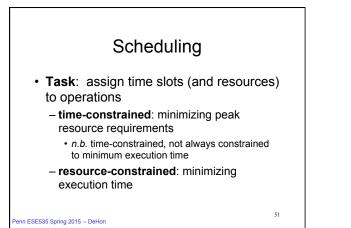


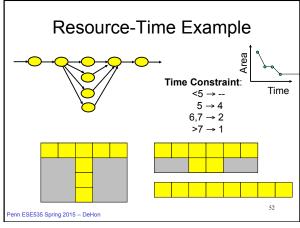


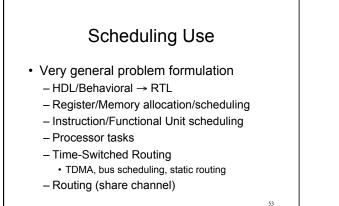












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