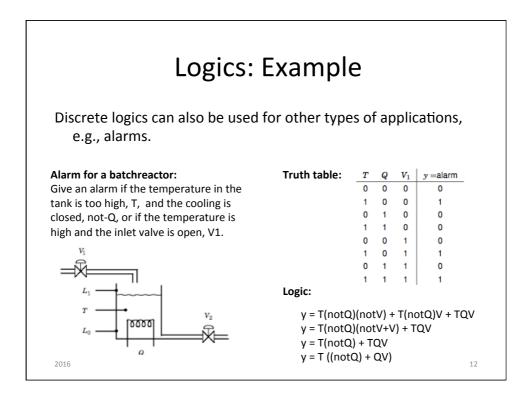
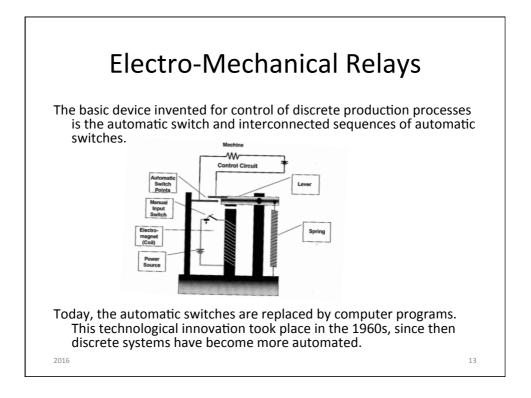
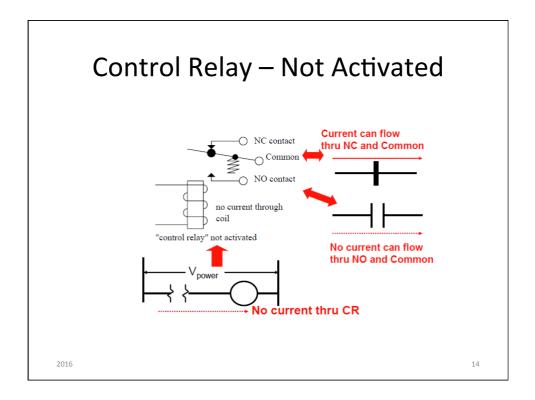
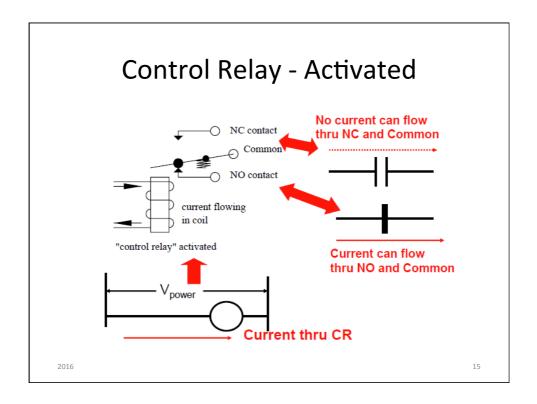


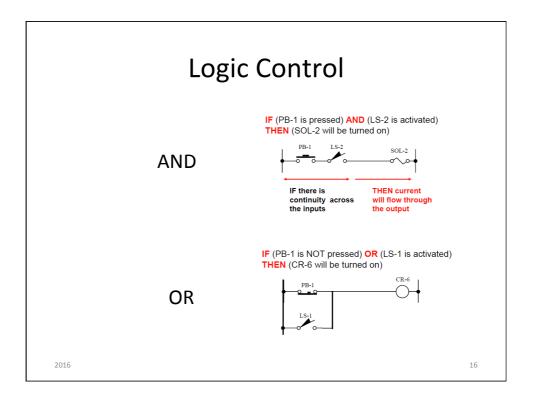
I	Logic: Rules	
Boolean Algebra:		
Example: 1+a = 1 and 0+a Example: a+ (not a) = a an		
Logical Rules		
Logical Rules	$a \cdot b = b \cdot a$	
	$a \cdot b = b \cdot a$ $a \cdot (b \cdot c) = (a \cdot b) \cdot c$	
Commutative		

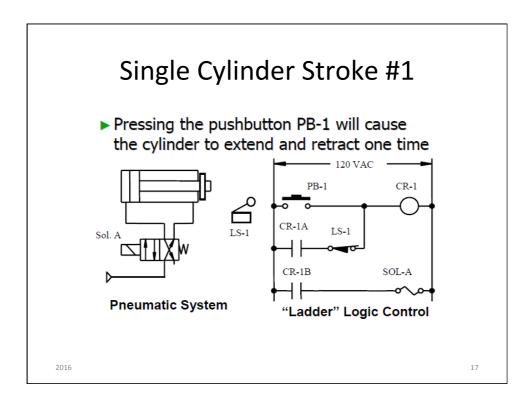


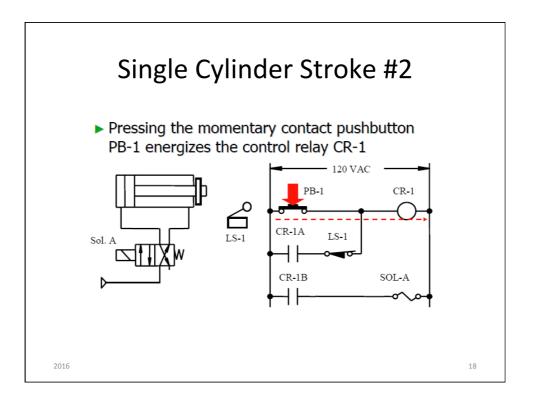


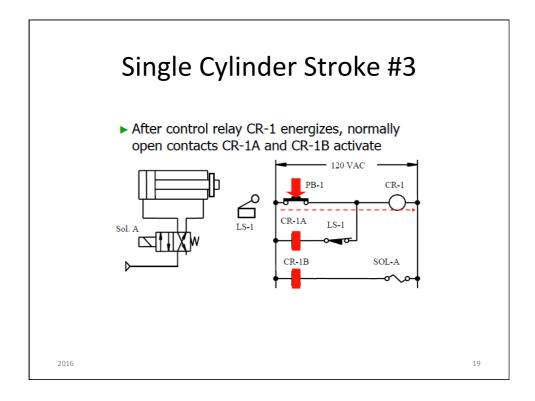


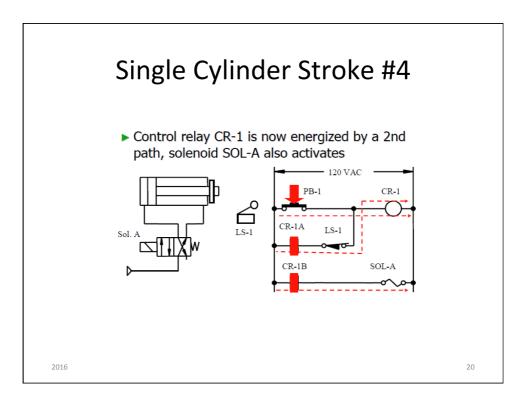


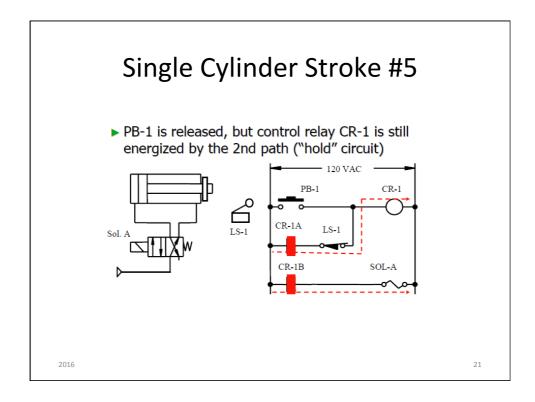


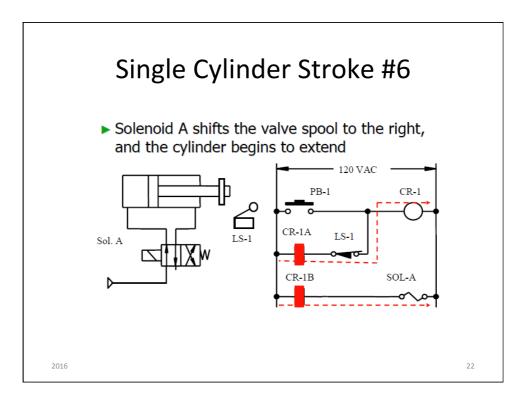


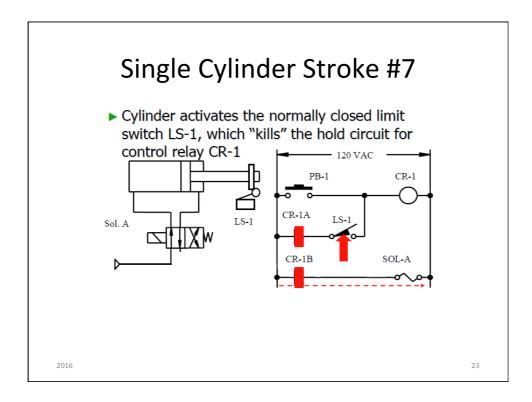


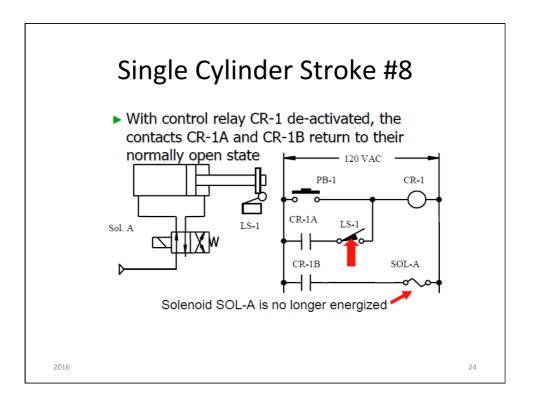


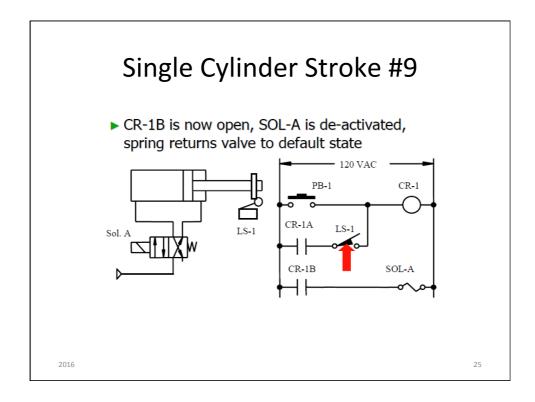


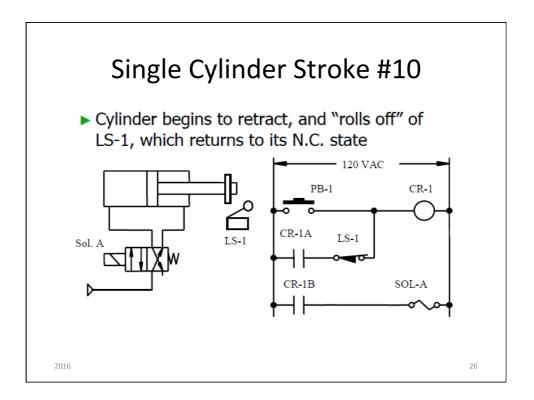


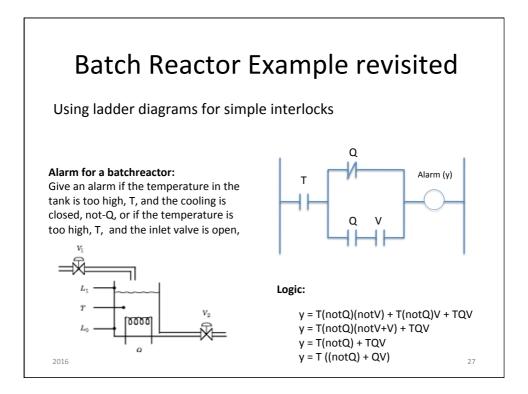


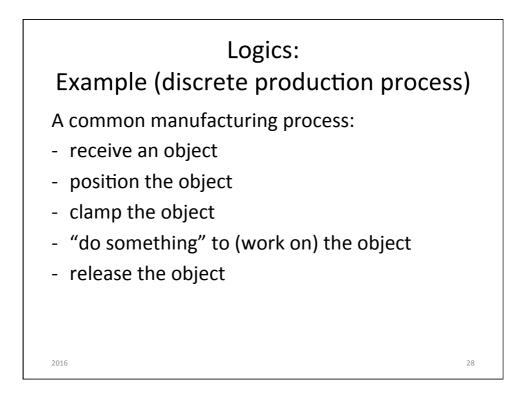


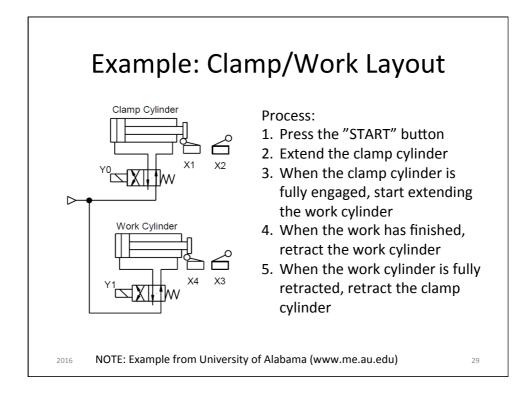


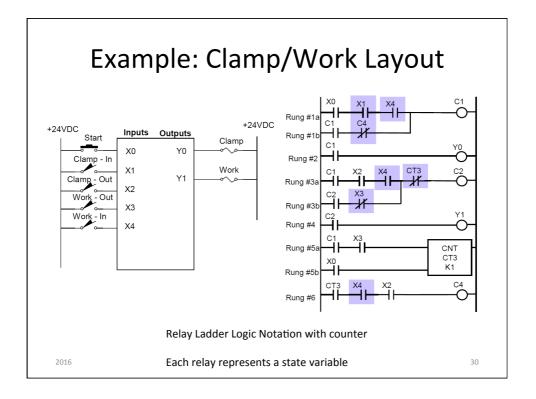


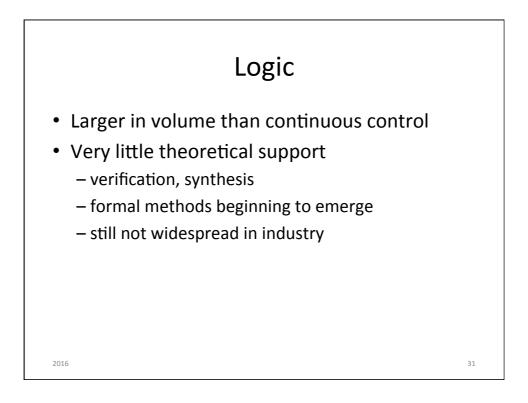


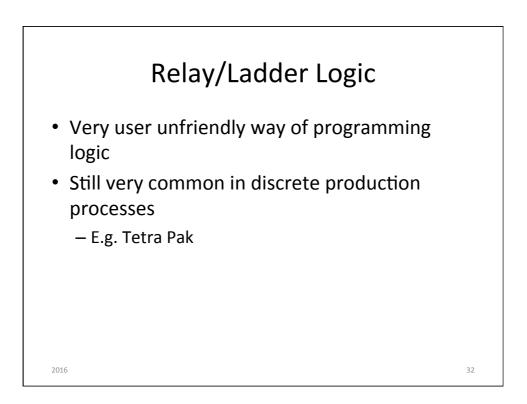


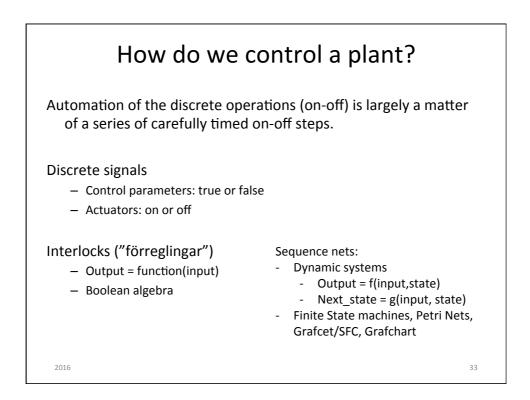


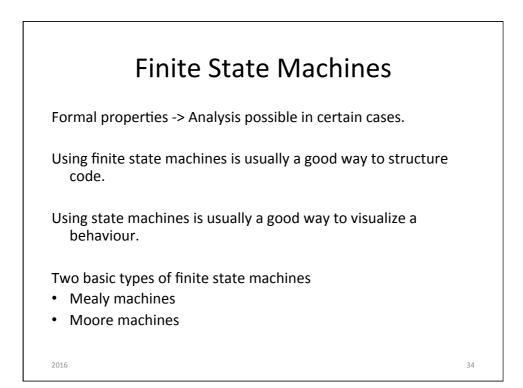


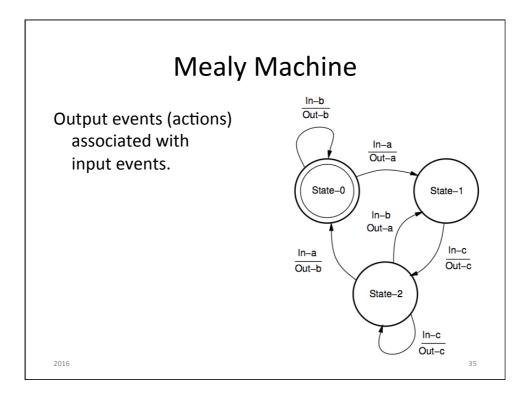


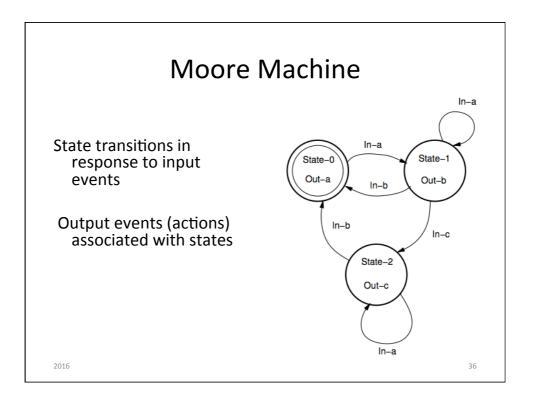


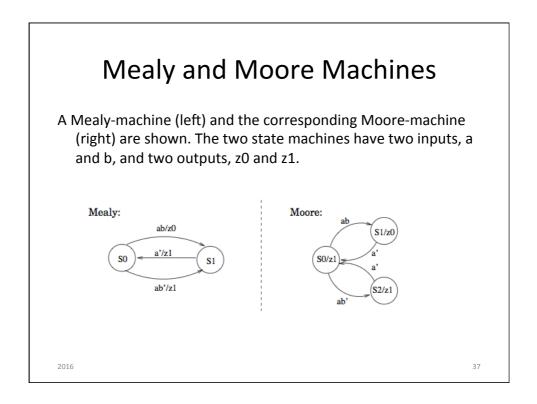


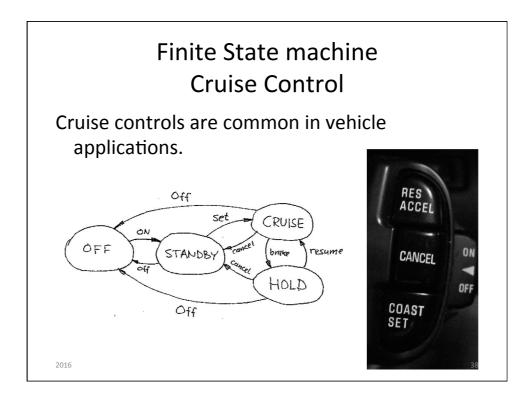


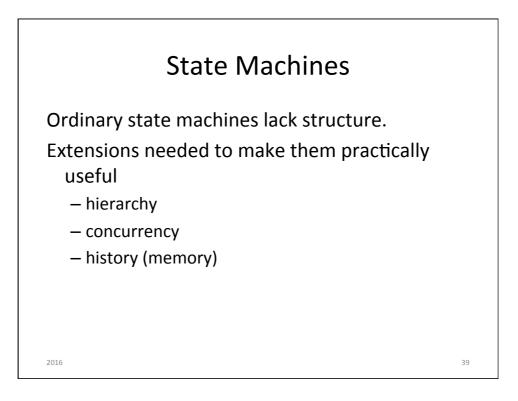


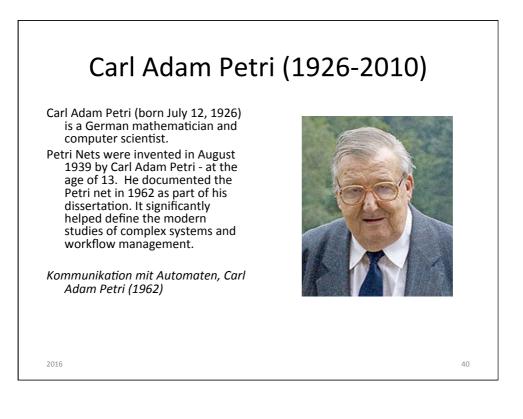


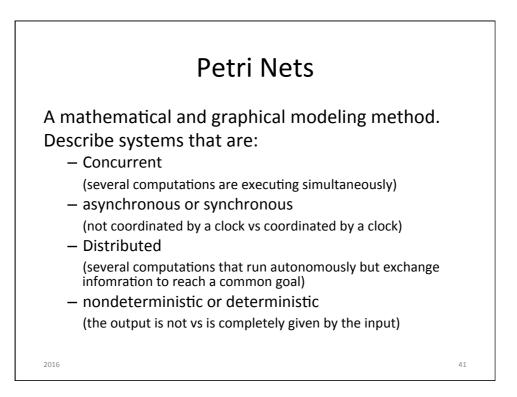


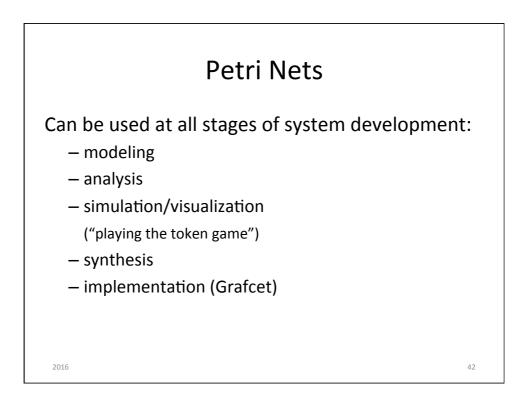




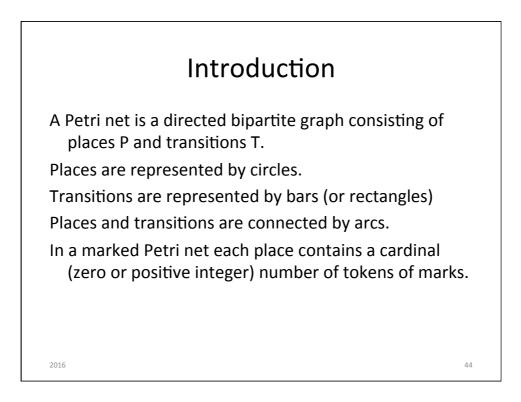


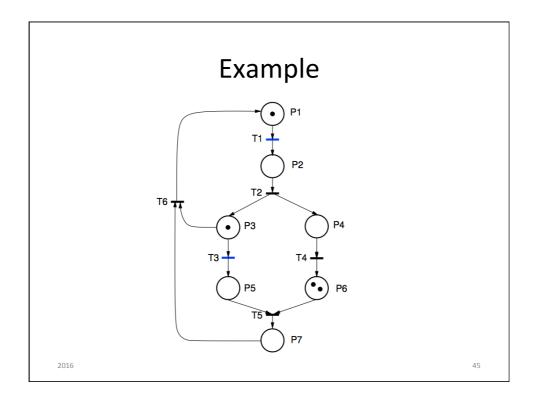


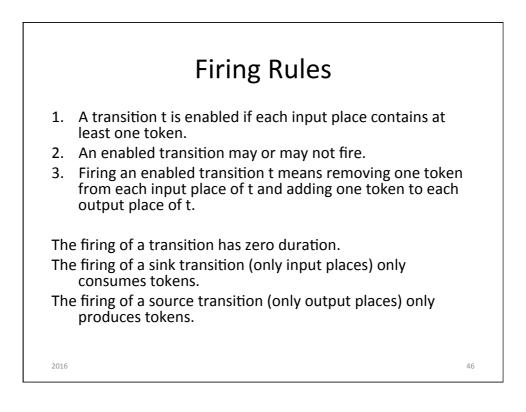


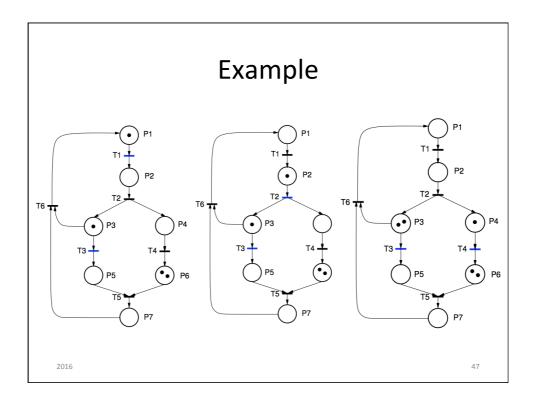


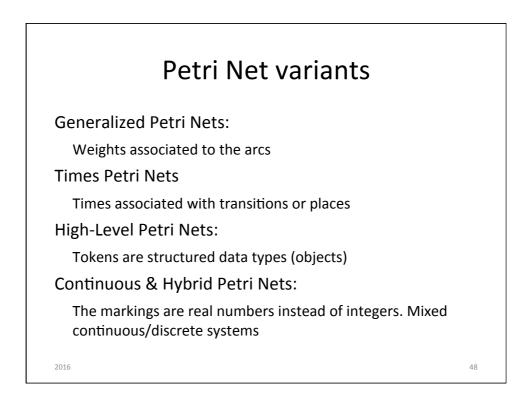
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Analysis

Properties:

2016

- Live: No transitions can become unfireable.
- Deadlock-free: Transitions can always be fired
- Bounded: Finite number of tokens ...

Analysis

Analysis methods:

- Reachability methods exhaustive enumeration of all possible markings
- Linear algebra methods describe the dynamic behaviour as matrix equations
- Reduction methods— transformation rules that reduce the net to a simpler net while preserving the properties of interest

