



Summary of algorithms we have so far

The next few slides are here for reference. I do not expect to spend class time on them.

You should know how to do all of them, but during class exercises and homework you may simply "call" any of them as part of your decision procedures.

- Operate on FSMs without altering the language that is accepted:
 - ndfsmtodfsm(M: NDFSM)
 - minDFSM (M:DFSM)

buildFSMcanonicalform(M:FSM)

























NA WE STATE	When to Stop		
	May stop whe	n:	
	There are nonterminal symbols in the working string but none of them is the left-hand side of any rule in the grammar.		
	In this case, we have a blocked or non-terminated derivation but no generated string.		
	Example:		
	Rules:	$S \rightarrow aSb, S \rightarrow bTa, and S \rightarrow a$:
	Derivation	: $S \Rightarrow aSb \Rightarrow abTab \Rightarrow$	[blocked]











Aⁿ**B**ⁿ

シンドの

BAL (Balanced Parentheses language)

 $a^{m}b^{n}:m>=n$











