

NFA \rightarrow DFA

apply ϵ -closure

state	ϵ -closure a	ϵ -closure b
T_0	$\{mn\} = T_0$	$\{mnm\} = T_1$
T_1	$\{mn\} = T_1$	$\{mn\} = T_0$

minimization



$\{mn\}$ $\{m\}$ $\{n\}$

LL

	First	Follow
$A \rightarrow mn$	m	n
$B \rightarrow mn$	n	m
$B \rightarrow mn, \epsilon$	m, ϵ	m

	a	b	c	\$
A	m		n	n
B		m		n

Stack	input	output	derivation
m	n	n	m
m	n	n	m
m	n	n	m

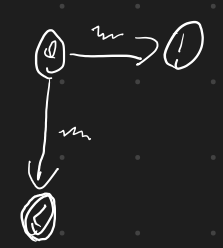
LR(0)

$S \rightarrow mn$
 $A \rightarrow mn$
 $B \rightarrow mn$

0 $\begin{cases} mn \Rightarrow 1 \\ mn \Rightarrow 2 \end{cases}$

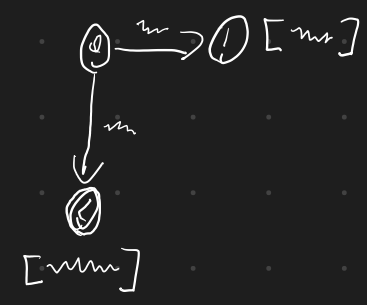
1 $[mn]$

2 $\begin{cases} mn \Rightarrow 1 \\ mn \end{cases}$



LR(1)

Follow
 $S \rightarrow mn$ n
 $A \rightarrow mn$ n
 $B \rightarrow mn$ n



	a	\$	s	A
0	r2			2
1		r1		
2	r1			

LR(0) (no lookahead set)

SLR(1) (lookahead set = follow)

LR(1) (lookahead set: follow appear context)

LALR(1) (lookahead set: follow U context)

SSD