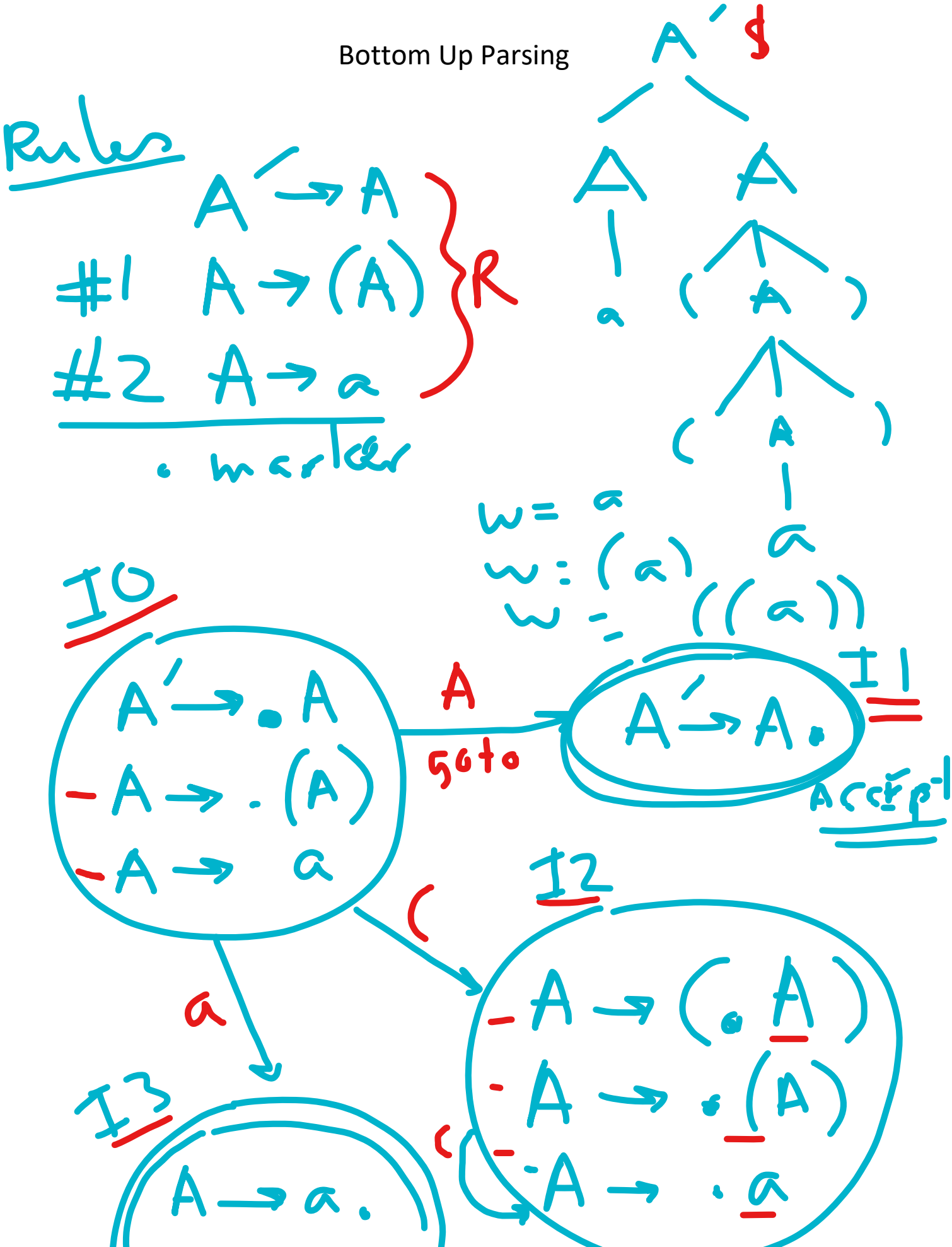
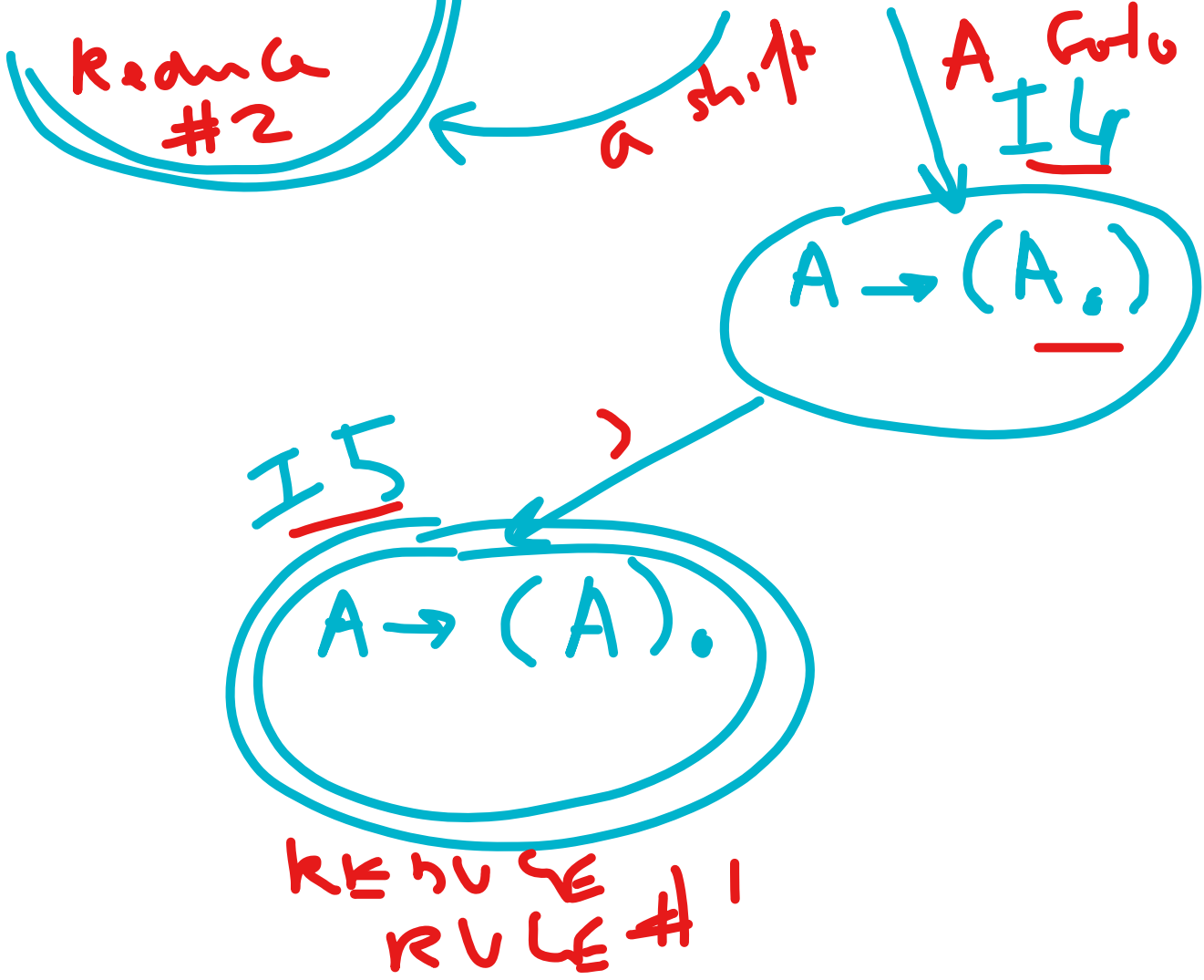
Bottom Up Parsing





States

0

1

Shift/action

Goto

State	(	)	a	$	A
0	S2		S3		1
1				Acc	
2	S2		S3		4
3	R2	R2	R2	R2	
4		S5			
5	R1	R1	R1	R1	

W = (a)$

Steps	Stack	I	Action
→ 1	$0	(a)$	T[0,(] = S2
2	$0(2	a)$	T[2,a] = S3
3	$0(2a3	)$	T[3,)] = R2 A → a

4 $0(2 Reduce

$0(2A T[2,A]

$0(2A4)$ T[4,)]

5 $0(2A4)5 $ T[5,$]

R1

A → (A)

6 $0

$0A1 $ T[0,A]

7 T[1,$]

✓ ACCEPTED

END