

On a

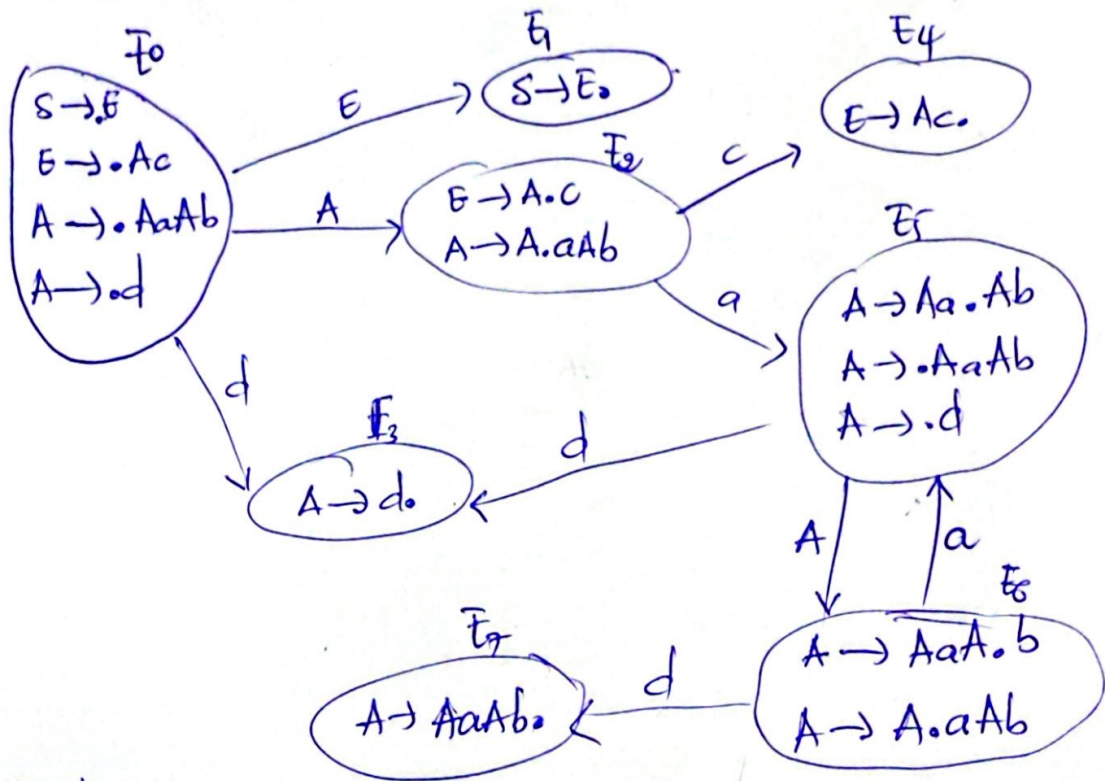
$$\begin{cases} E \rightarrow Ac \\ A \rightarrow AaAb \\ A \rightarrow d \end{cases}$$

$$\begin{aligned} \text{First}(E) &= \{d\} & \text{Follow}(E) &= \{\$ \} \\ \text{First}(A) &= \{d\} & \text{Follow}(A) &= \{a, b, c\} \end{aligned}$$

La dérivée :

$$\begin{aligned} (1) S \rightarrow E \$ & \quad (2) A \rightarrow AaAb \\ (3) E \rightarrow Ac & \quad (3) A \rightarrow d \end{aligned}$$

Construct de l'automate



* Table d'analyse

(S \Rightarrow shift)

($\Gamma \Rightarrow$ remove)

Etat	Actions (Terminals)					Goto (Non-term)	
	a	b	c	d	\$	A	E
E0				SE3		E2	E1
E1					Accept		
E2	SE5		SE4				
E3	r3	r3	r3		Accept		
E4					r1		
E5				SE3		E6	
E6	SE5			SE7			
E7	r2	r2	r2				

Entrées	Pile	Règle
dca dcb \$	0	S3
cadc b \$	0d3	R3; A → d retire 2 ajouter
cadc b \$	0A	goto 2
cadc b \$	0A2	S4
adcb \$	0A2C4	error