

Exercice 11

$$G1: \begin{cases} E \rightarrow Ac \\ A \rightarrow AaAb \\ A \rightarrow d \end{cases}$$

| | Premier | Suivant |
|---|---------|---------------|
| E | {d} | \$ |
| A | {d} | {\$, a, b, c} |

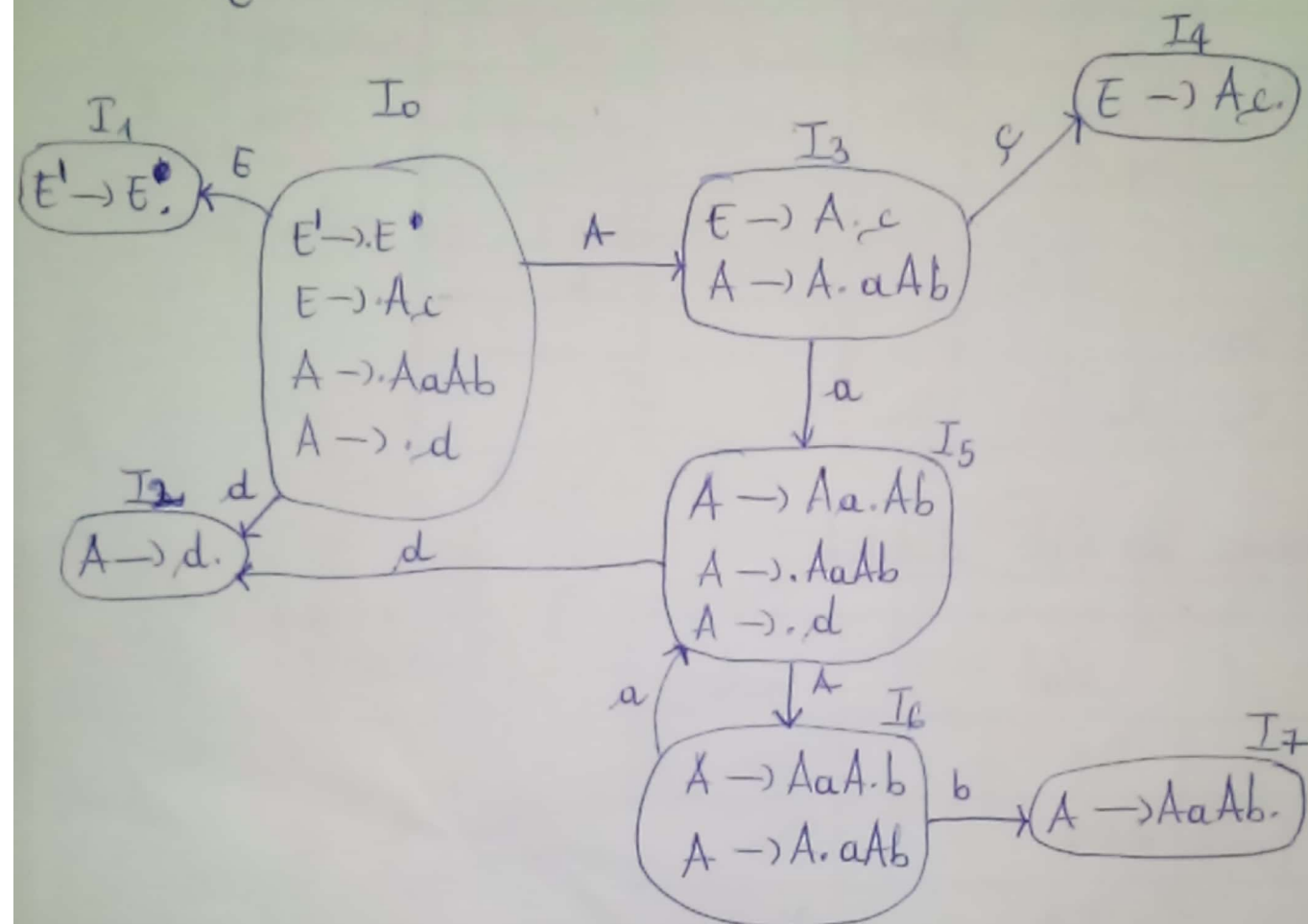


Table d'analyse LR(0)

| | Action | | | | | Goto | |
|---|----------------|----------------|----------------|----------------|----------------|------|---|
| | a | b | c | d | \$ | E | A |
| 0 | | | | S ₂ | | 1 | 3 |
| 1 | | | | | Accepte | | |
| 2 | R ₃ | R ₃ | R ₃ | R ₃ | R ₃ | | |
| 3 | S ₅ | | S ₄ | | | | |
| 4 | R ₁ | R ₁ | R ₁ | R ₁ | R ₁ | | |
| 5 | | | | S ₂ | | 6 | |
| 6 | S ₅ | S ₇ | | | | | |
| 7 | R ₂ | R ₂ | R ₂ | R ₂ | R ₂ | | |

- Table d'analyse SLR(1)

| | Action | | | | | Go to | |
|---|----------------|----------------|----------------|----------------|----------------|-------|---|
| | a | b | c | d | \$ | E | A |
| 0 | | | | S ₂ | | 1 | 3 |
| 1 | | | | | Accepte | | |
| 2 | R ₃ | R ₃ | R ₃ | | R ₃ | | |
| 3 | S ₅ | | S ₄ | | | | |
| 4 | | | | | R ₁ | | |
| 5 | | | | S ₂ | | | 6 |
| 6 | S ₅ | S ₇ | | | | | |
| 7 | R ₂ | R ₂ | R ₂ | | R ₂ | | |

- Reconnaissance du mot deadcb

| Entrée | état | action |
|--------|-------|----------------|
| deadcb | 0\$ | S ₂ |
| cadcb | 20\$ | R ₃ |
| cadcb | 0\$ | go to 3 |
| cadcb | 30\$ | S ₄ |
| adcb | 430\$ | R ₁ |
| adcb | 0\$ | go to 1 |
| adcb | 10\$ | Erreur |