

b-)

| | | | | | | | |
|----|----|----|----|----|----|----|-----------------------|
| | 1 | 0 | 0 | 1 | 1 | 0 | |
| 1º | S0 | S0 | S1 | S1 | S1 | S1 | S1 → deu certo |
| 2º | S0 | S0 | S0 | S0 | S0 | S0 | S1 → deu certo |
| 3º | S0 | S0 | S0 | S0 | S0 | S0 | S0 → não chegou final |
| 4º | S0 | S0 | S0 | S1 | S1 | S1 | S1 → deu certo |

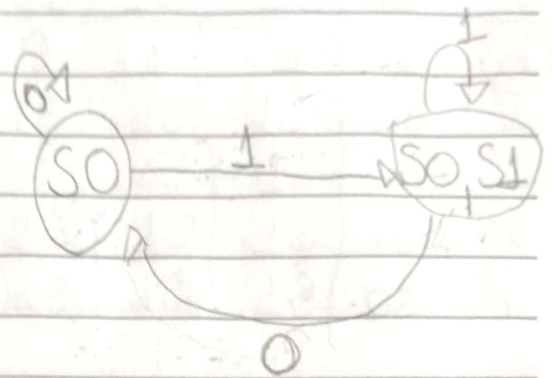
06/05/2024

Exercício 1

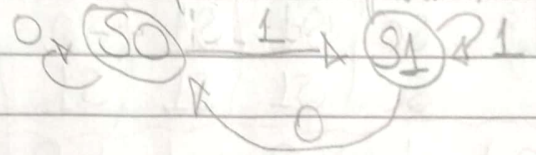
a-)

| | | |
|--------|----|--------|
| | 0 | 1 |
| 0 | 0 | 0 |
| S0 | S0 | S0, S1 |
| S1 | 0 | 0 |
| S0, S1 | S0 | S0, S1 |

b-)



c-) Transformado para AFD



d-) AFD

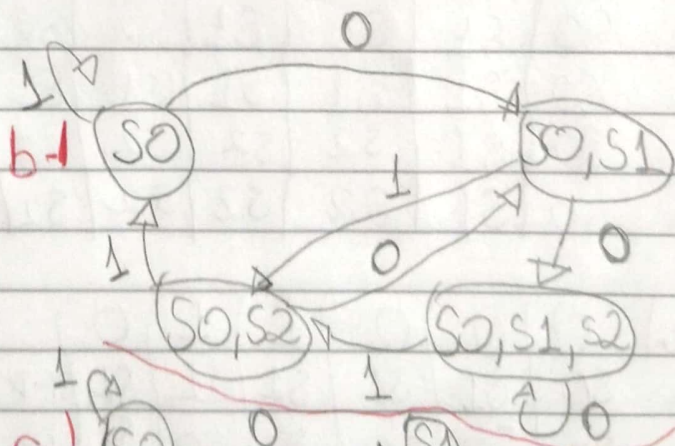
| | | |
|----|----|----|
| | 0 | 1 |
| S0 | S0 | S1 |
| S1 | S0 | S1 |

Exercício 2

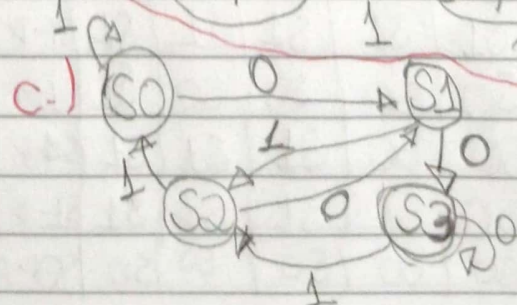
a-)

| | | |
|------------|------------|--------|
| | 0 | 1 |
| 0 | 0 | 0 |
| S0 | S0, S1 | S0 |
| S1 | S2 | S2 |
| S2 | 0 | 0 |
| S0, S1 | S0, S1, S2 | S0, S2 |
| S0, S2 | S0, S1 | S0 |
| S1, S2 | S2 | S2 |
| S0, S1, S2 | S0, S1, S2 | S0, S2 |

b-)



c-)



| d-1 | 0 | 1 |
|-----|----|----|
| S0 | S1 | S0 |
| S1 | S3 | S2 |
| S2 | S1 | S0 |
| S3 | S3 | S2 |

Exercício 3

| a-1 | 0 | 1 |
|-----|---|---|
|-----|---|---|

| | | |
|-----------------------|-------------------|-------------------|
| 0 | 0 | 0 |
| S0 | S0, S1 | S0 |
| S1 | S1 | S2 |
| S2 | 0 | 0 |
| S0, S1 | S0, S1 | S0, S2 |
| S0, S2 | S0, S1 | S0 |
| S0, S1, S2 | S0, S1 | S0, S2 |
| S1, S2 | S1 | S2 |

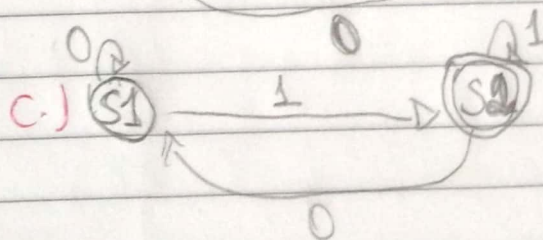
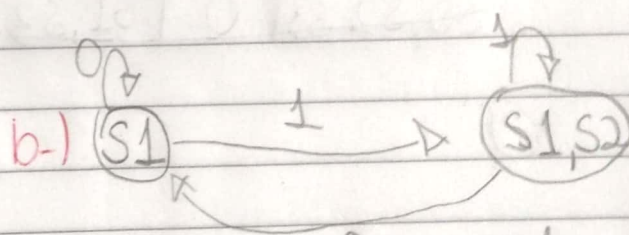
b-1) Impossível virar AFD

| d-1 | 1 | 0 | 1 | 0 |
|-----|----|----|----|----|
| S0 | S0 | S0 | S0 | S0 |
| S0 | S0 | S1 | S2 | S1 |
| S0 | S0 | S0 | S0 | S1 |

Exercício 4

| a-1 | 0 | 1 |
|-----|---|---|
|-----|---|---|

| | | |
|-----------------------|---------------|-----------------------|
| 0 | 0 | 0 |
| S0 | 0 | S1 |
| S1 | S1 | S1, S2 |
| S2 | 0 | 0 |
| S1, S2 | S1 | S1, S2 |
| S0, S1 | S1 | S1, S1, S2 |
| S0, S2 | 0 | S1 |
| S0, S1, S2 | S1 | S1, S1, S2 |



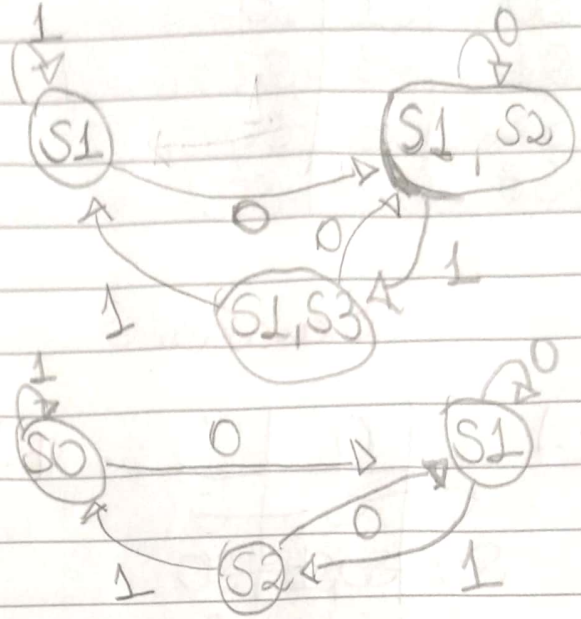
| d-1 | 0 | 1 |
|-----|----|----|
| S0 | S0 | S1 |
| S1 | S0 | S1 |

Exercício 5

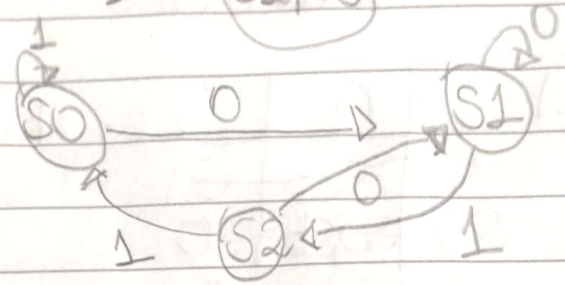
a-1

| | 0 | 1 |
|----------------|--------|------------|
| 0 | 0 | 0 |
| S0 | 0 | S1 |
| S1 | S1, S2 | S1 |
| S2 | 0 | S3 |
| S3 | 0 | 0 |
| S1, S2 | S1, S2 | S1, S3 |
| S1, S3 | S1, S2 | S1 |
| S0, S1 | S1, S2 | S1, S1 |
| S0, S2 | 0 | S1, S3 |
| S0, S1, S2 | S1, S2 | S1, S1, S3 |
| S0, S1, S2, S3 | S1, S2 | S1, S1, S3 |
| S0, S3 | 0 | S1 |
| S2, S3 | 0 | S3 |
| S1, S2, S3 | S1, S2 | S1, S3 |
| S0, S2, S3 | 0 | S1, S3 |

b-1



c-1



d-1

| | 0 | 1 |
|----|----|----|
| S0 | S1 | S0 |
| S1 | S1 | S2 |
| S2 | S1 | S0 |