

$$R_F = (R_1 R_2^* R_3) \mid R_4$$

$$R_1 = \int (q_i, q_{rem})$$

$$R_2 = \int (q_{rem}, q_{rem})$$

$$R_3 = \int (q_{rem}, q_f)$$

$$R_4 = \int (q_i, q_f)$$

* Removendo B

S B	$\int (S, R) = b$
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S R	$R_1 = \epsilon$
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S C	$R_2 = \emptyset$
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S F	$R_3 = b$
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B B	$R_4 = \emptyset$
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B R	
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B C	$\int (S, C) = r$
----------------	-------------------

B F	$R_1 = \epsilon$
----------------	------------------

C C	$R_2 = \emptyset$
-----	-------------------

C B	$R_3 = r$
-----	-----------

C R	$R_4 = \emptyset$
----------------	-------------------

C F	$\int (S, F) = \emptyset$
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R R	
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R	R	$R_1 = \epsilon$
R	B	$R_2 = \emptyset$
R	C	$R_3 = \emptyset$
R	F	$R_4 = \emptyset$

$$S(C, C) = (r r | b)$$

$$R_1 = r$$

$$R_2 = \emptyset$$

$$R_3 = r$$

$$R_4 = b$$

$$S(C, R) = r b$$

$$R_1 = r$$

$$R_2 = \emptyset$$

$$R_3 = b$$

$$R_4 = \emptyset$$

$$S(C, F) = \epsilon$$

$$R_1 = r$$

$$R_2 = \emptyset$$

$$R_3 = \emptyset$$

$$R_4 = \epsilon$$

$$S(R, R) = b b$$

$$R_1 = b$$

$$R_2 = \emptyset$$

$$R_3 = b$$

$$R_4 = \emptyset$$

$$\mathcal{S}(R, C) = (br | c)$$

$$R_1 = b$$

$$R_2 = \emptyset$$

$$R_3 = r$$

$$R_4 = c$$

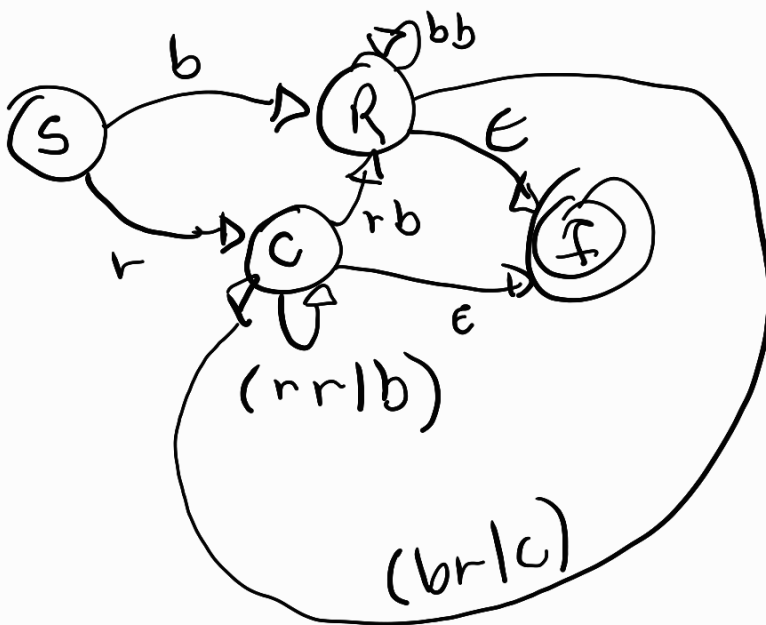
$$\mathcal{S}(R, F) = \epsilon$$

$$R_1 = b$$

$$R_2 = \emptyset$$

$$R_3 = \emptyset$$

$$R_4 = \epsilon$$



$$R_F = (R_1 R_2^* R_3) | R_4$$

$$R_1 = \mathcal{S}(q_i, q_{rem})$$

$$R_2 = \mathcal{S}(q_{rem}, q_{rem})$$

$$R_3 = \mathcal{S}(q_{rem}, q_f)$$

$$R_4 = \mathcal{S}(q_i, q_f)$$

SR

* REMOVENDO C

~~SC~~

$$\mathcal{S}(S, R) = (r (rr|b)^* rb) | b$$

SF

$$R_1 = r$$

RR

$$R_2 = (rr|b)$$

~~RC~~

$$R_3 = rb$$

~~RC~~
RF

$$R_4 = b$$

~~CC~~

~~CR~~

~~CF~~

$$S(S, F) = (r(nr|b)^*)^*$$

$$R_1 = r$$

$$R_2 = (nr|b)$$

$$R_3 = \epsilon$$

$$R_4 = \emptyset$$

$$S(R, R) = ((br|c)(nr|b)^*rb) | bb$$

$$R_1 = (br|c)$$

$$R_2 = (nr|b)$$

$$R_3 = rb$$

$$R_4 = bb$$

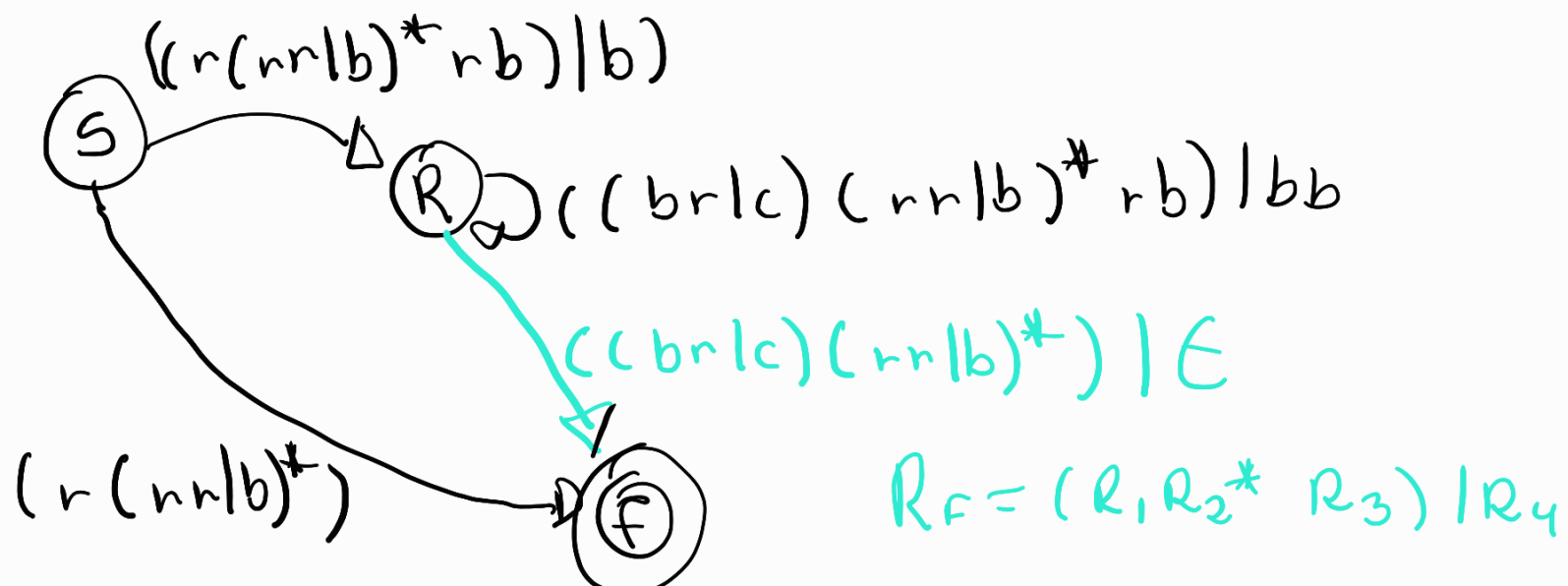
$$S(R, F) = ((br|c)(nr|b)^*) | \epsilon$$

$$R_1 = (br|c)$$

$$R_2 = (nr|b)$$

$$R_3 = \epsilon$$

$$R_4 = \epsilon$$



$$R_1 = \int (q_i, q_{rem})$$

$$R_2 = \int (q_{rem}, q_{rem})$$

$$R_3 = \int (q_{rem}, q_f)$$

$$R_4 = \int (q_i, q_f)$$

*Removendo R

~~SR~~

SF

$$\int (S, F) =$$

$$R_1 = ((r(nr|b)^*rb)|b)$$

$$R_2 = ((br|c)(nr|b)^*rb)|bb$$

$$R_3 = ((br|c)(nr|b)^*)| \in$$

$$R_4 = (r(nr|b)^*)$$

$$(((r(nr|b)^*rb)|b))((br|c)(nr|b)^*rb)|bb)^*$$

$$(((br|c)(nr|b)^*)^?)| (r(nr|b)^*)$$

↳ Não esquecer bordas! (^ \$)