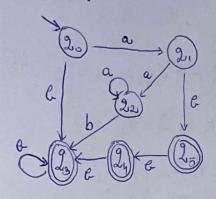
1. Pentru winatorul AF, coro dintre ex. regulare date discriu limbajul acc. de automat si care mu?



d) rique nu a* (alb) * accepta si un sire mul, moi mu

a) a*(alb) b* Nu, as, putea accepta un singur a sinui-i ote

6) a*a*bb*b* = a*bb* MERGE

c) (aa)* b* b aici ou pot accepta our impar de a dei cred co ou

2. Care dintre wrm. limbaje sunt independente de context? Justificati.

L, = { a b | m \in N }

L2 = complement (L1) = {ambm | m x m, m, m eN}

pertru L1:

pentrus Liz:

Sq. Sq. Sq. Sq. Sq. Sq. Sq. Sparg im Liz = $\{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m, m \in \mathbb{N} \} \cup \{a^m b^m | m > m \neq 0, m \neq$

 $5_1 \Rightarrow a 5_1 b$ $5_2 \Rightarrow a 5_2 b$ $0! i.e. \Rightarrow e.i.e.$ $5_1 \Rightarrow a 5_1 \Rightarrow a 5_2 \Rightarrow b$ $5_2 \Rightarrow b \Rightarrow b$

am dat gramatici i.e. => limbaj i.e.

NO ACUM AR MAI TREBUI SĂ DEMONSTRĂM CĂ complement (b)= co am 215 mai

3. Fie gramatica en urm. ruguli de preoductie.

S > a 5 b

S > c

Vereficati folosind ASDR daca abace L(6)

(2,1, E, S) fexp (2,1, S1, a 5b) farans (2,2,5,a,6b) fexp (2,2,5,a 31,a 5bb)

Firm (12,2,5,a 51, a 5bb) farans (2,2,5,a 52,cb) firm (12,2,5,a 52, xb)

fariti (12,2,5,a,5b) fravenity (12,1,51,a 5b) farit (2,1,52,c)

1.m. (1, 1, 52, c) (e, 1, E, 5)

4. am faut aproape la sel pe BILLET 3 -2012