Определете езиците, поращовни от следните гранатики:

3) 
$$L = \{0^m 1^n | 1 \le m < n\}$$

tocrpointe гранатика G, за което  $L(G) = \begin{cases} 10 \times |x| & \text{ке } \{0,1\}^{t} \end{cases}$ 

 $G = (\{S, A7, \{0, 19, S, \{S \Rightarrow 10, S \Rightarrow 10A, A \Rightarrow 0, A \Rightarrow 1, A \Rightarrow 0A, A \Rightarrow 1A\})$ 

Постройте авгоманна граничика, порандаща същи едик

 $G = (\{S, A4, \{0, 14, S, \{S\rightarrow 1A, A\rightarrow 0B, A\rightarrow 0, B\rightarrow 15\}\})$   $B \rightarrow 0B, B \rightarrow 1B, B \rightarrow 0, B\rightarrow 15)$ 

Da ce nocipou abronaina spanaruka, no partganja ezuka 1)  $L = \{210 | x \in \{0,13^{+1}\}$ 

G= { { S, A4, { 0, 14, S, { 5 -> 05, 5 -> 15, 5 -> 05}

2) L= {x10} | d, \$ e {0,15\*}

 $G = \{\{S, A, B\}, \{0, 1\}, S, \{S \rightarrow 0S, S \rightarrow 1S, S \rightarrow 1A, A \rightarrow 0B, S \rightarrow 1A, B \rightarrow 0B, B \rightarrow 1B, B \rightarrow 0, B \rightarrow 1S\}$ 

Да се построи автоможна граматика, порандаща езика

1) 
$$L = \{a^n \ell \mid n \ge 0\}$$
  
 $G = \{\{5\}, \{a, \ell\}, S, \{S \rightarrow aS, S - 1 \ell\}\}$ 

3) 
$$L = \{ab^n | n > 0\}$$
  
 $G = (\{5, B\}, \{a, b\}, S, \{5 \rightarrow aB, S \rightarrow a, B \rightarrow bB, B \rightarrow b\})$ 

4) 
$$L = \{ab^{n} \mid n = 1\}$$
  
 $G = (\{S, B\}, \{a, b\}, S, \{S \rightarrow \alpha B, B \rightarrow b B, B \rightarrow b\})$ 

La ce nocipou abronarna spanaruka G, 3a koero

1) 
$$2(G) = \{a^m 6^n | m, n > 0\}$$

$$G = (\{S, B\}, \{a, 6\}, S, \{S \rightarrow \epsilon, S \rightarrow a, S \rightarrow 6, S \rightarrow aS, S \rightarrow aB, B \rightarrow 6B, B \rightarrow 6\})$$

G=(
$$\{S,A,B,C\},\{a,6\},S,\{S\rightarrow\alpha A,A\rightarrow 6B,B\rightarrow 6C,C\rightarrow a\}$$
)

$$G = GS, A, B4, Sa, 64, S, S \rightarrow \alpha A, S \rightarrow 6B,$$
  
 $A \rightarrow \alpha A, A \rightarrow 6A, A \rightarrow \alpha A,$   
 $B \rightarrow \alpha B, B \rightarrow 6B, B \rightarrow 63)$