

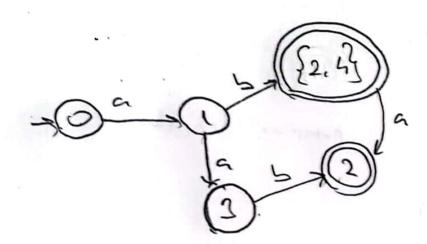
Q'={φ, ξω}, {1,3, {23, {23, {23, {24}, {20,13, {20,23, {20,23, {20,23, {20,23, {20,23, {20,23, {20,13}, {20,13

$$S'(\{0\}_{i,a}) = ECLOSE \{S(0_{i,a})\} = \{1\}_{i,a}$$

$$S'(\{0\}_{i,a}) = \{1\}_{i,a}$$

$$S'(\{0\}$$

2) Let the string w= abm cdm There should be P, which is prompine length. by pumping lemma, w= xyz let n=2 and m=3 w= aabbbeceddd |xylep , xylez must be in L Xy22 must be in the language to the purpose lemma and babbb codded but the number of bis are not equal to the number of dis so , proof bo contradiction, I is not regular



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