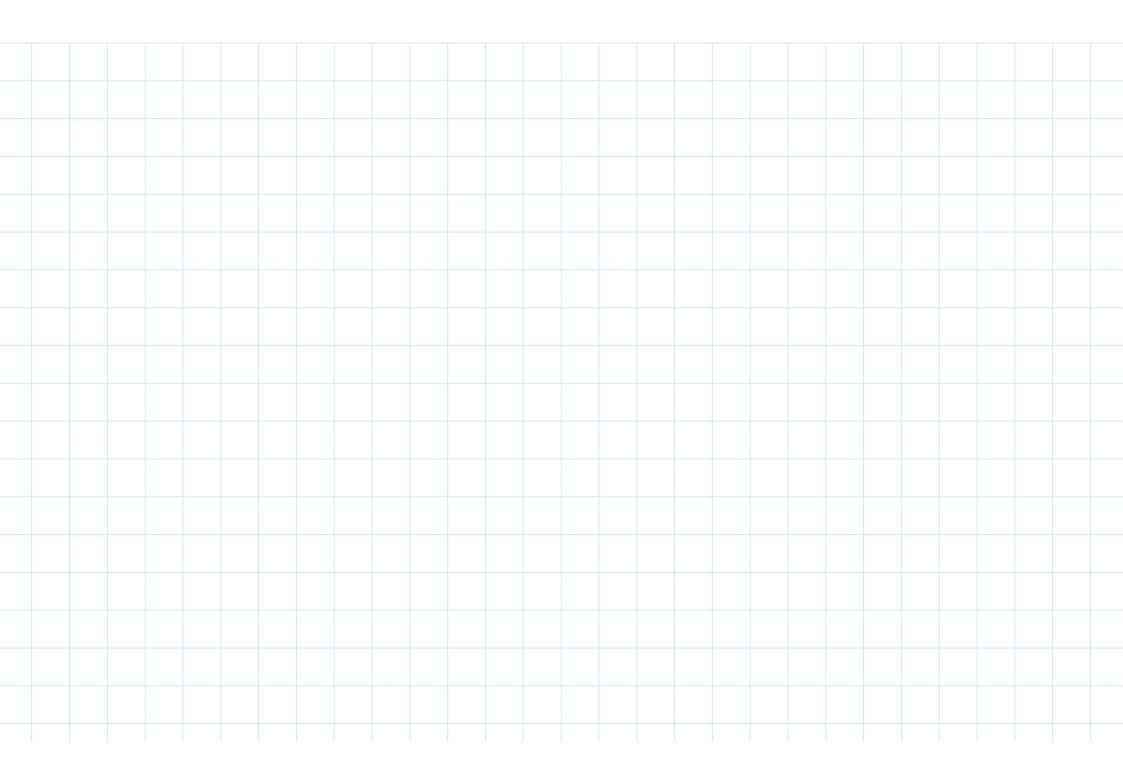
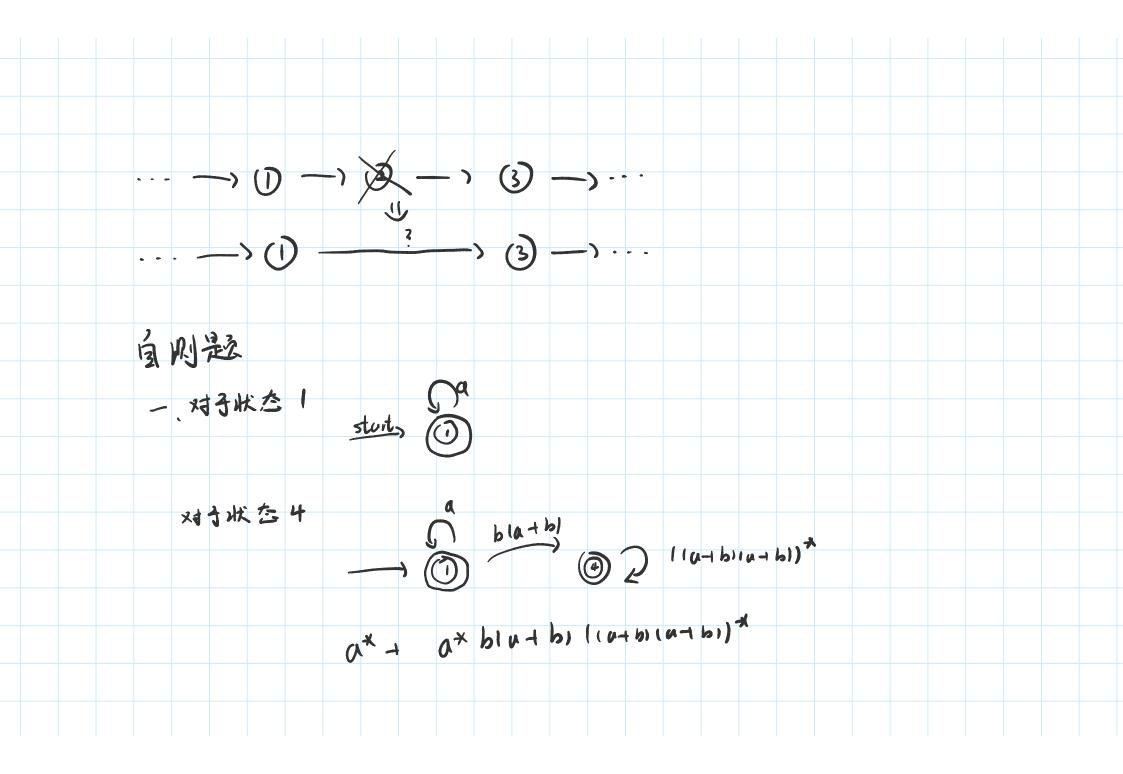
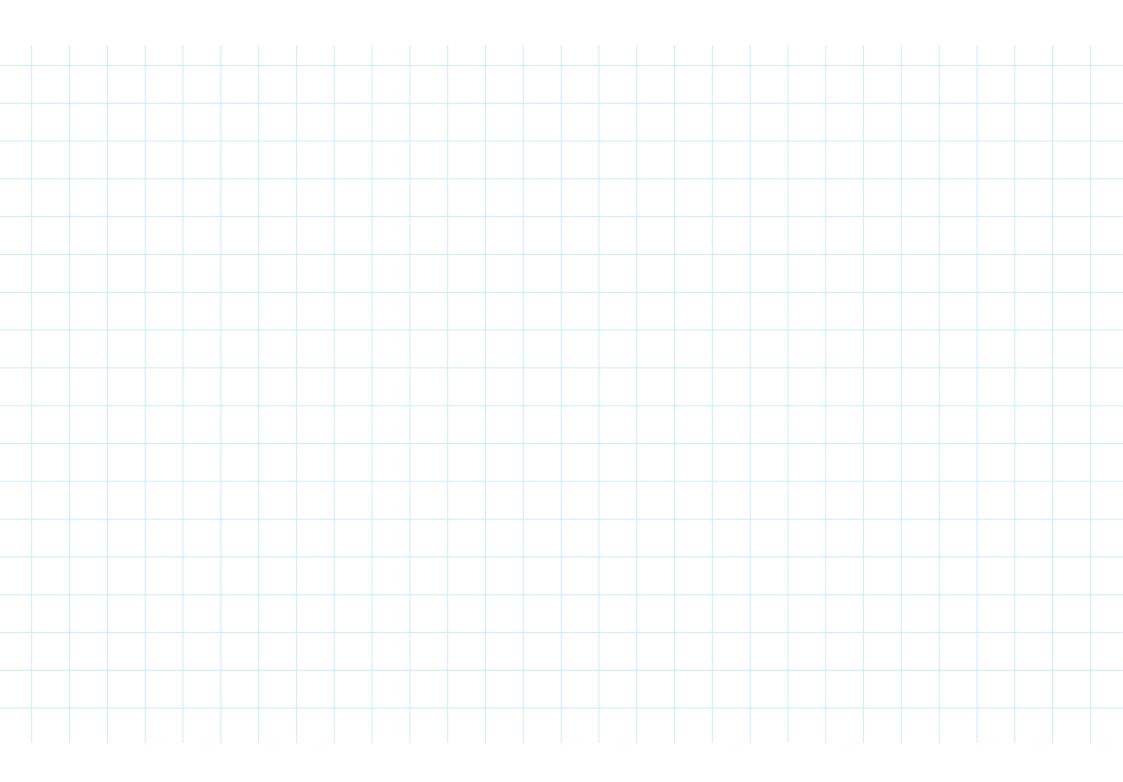
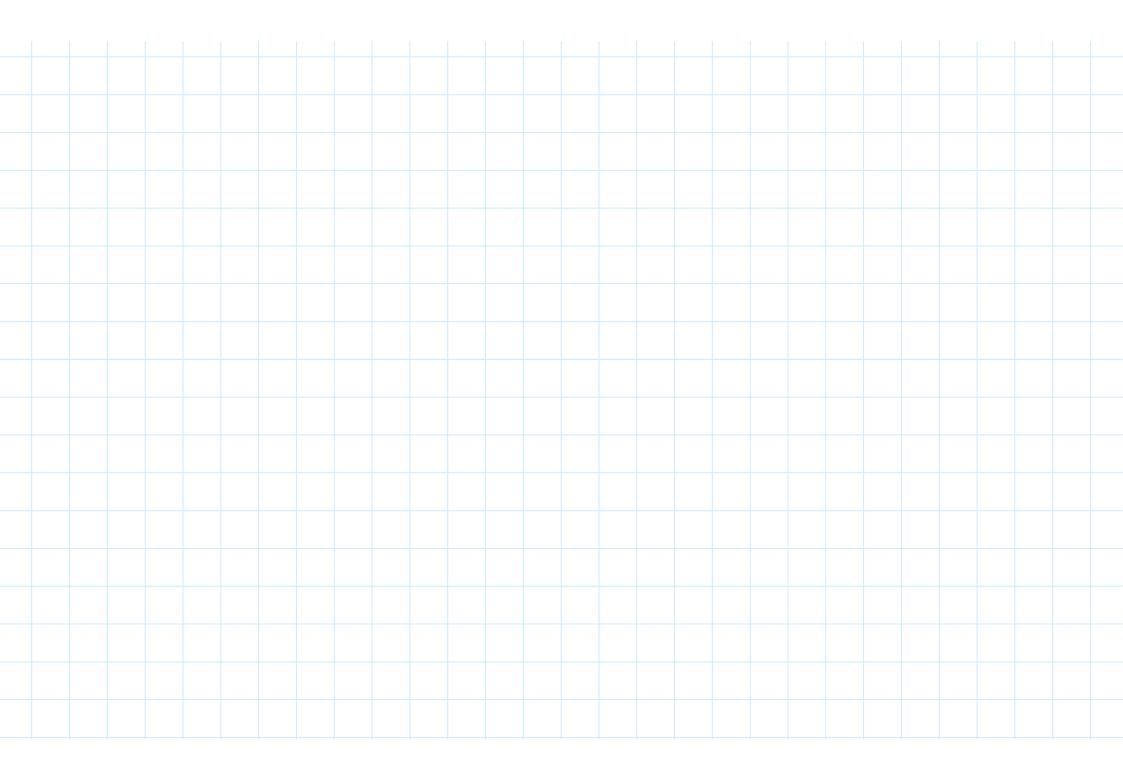
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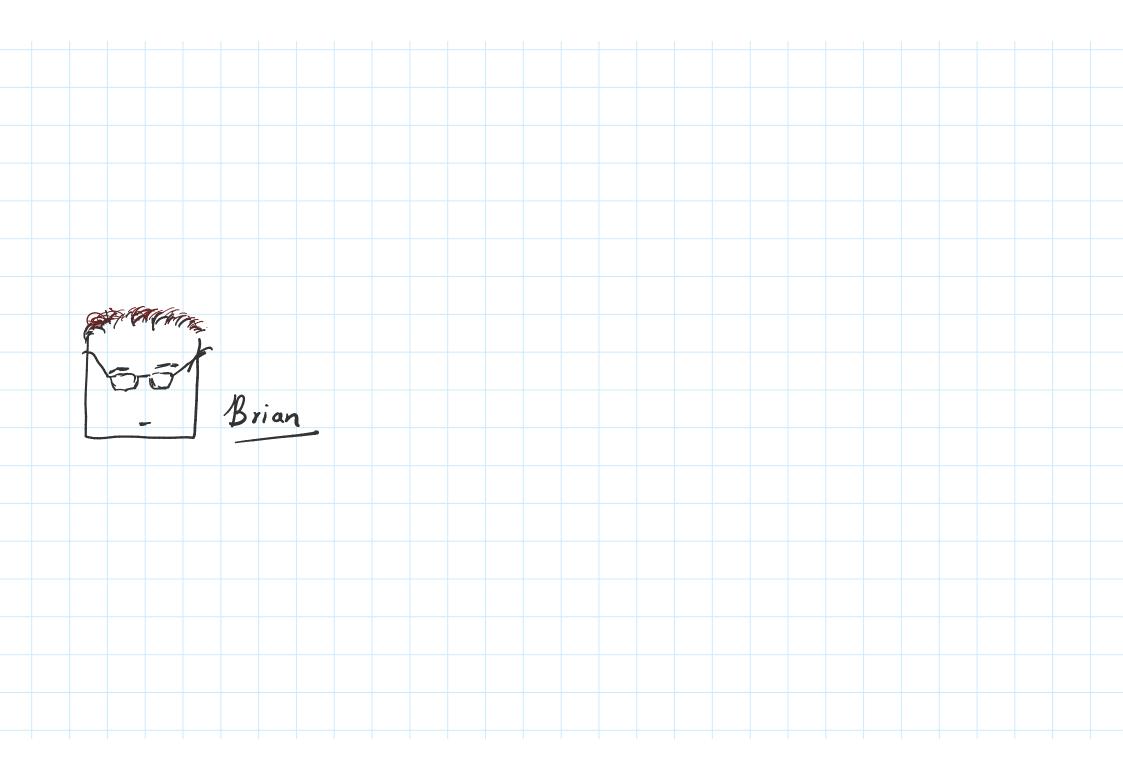


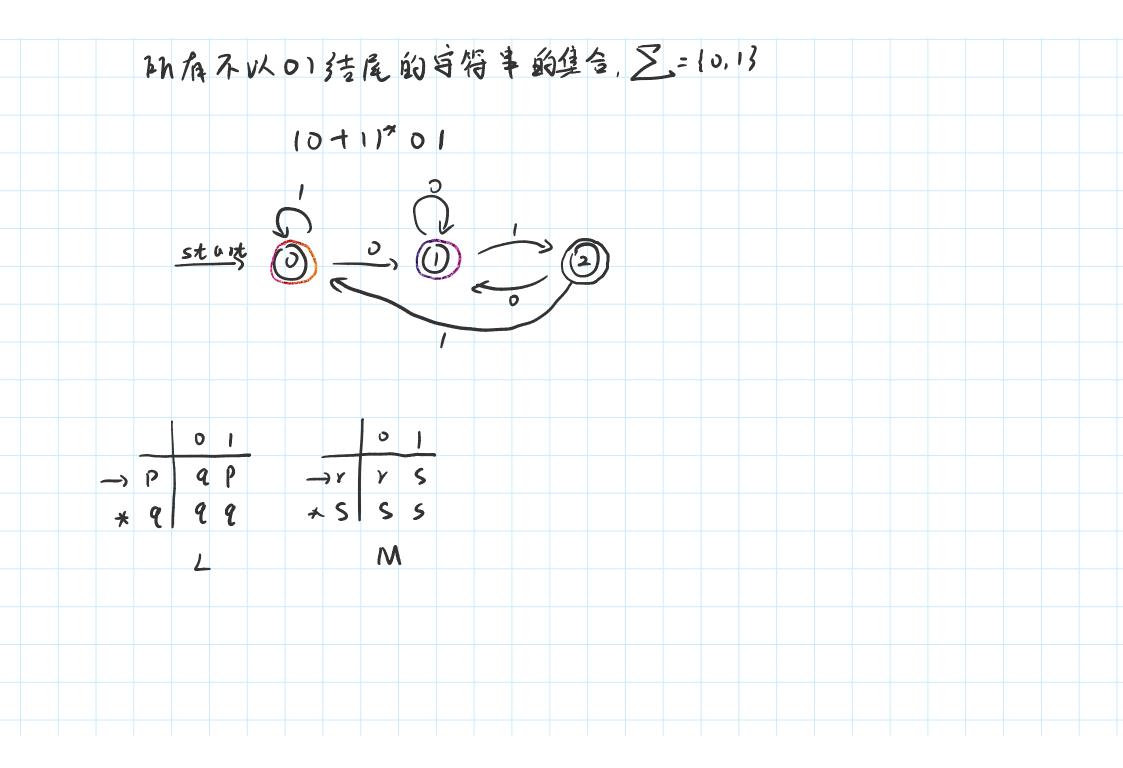


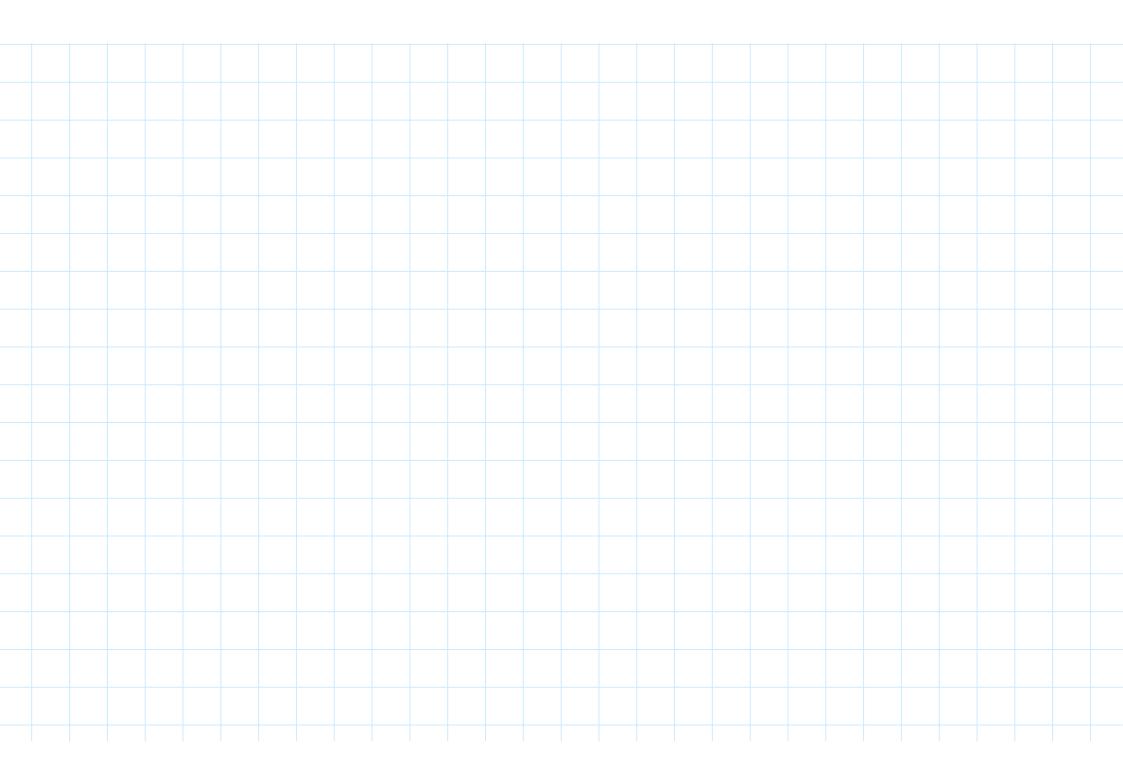
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①证明只由1构成且长度为毒效的所有事构成的语言不是正规语言 证:假设上是正规语言则有在满足泵引起各件的常数力 11 老总某章数Pan+2,说W=1P,档W拍公为W=xyz 11111 見满足y= { 4= 1×y|≤n。沒|y|= m +0.別|X≥|= P-m 考虑当省争 X y P-m Z 181K=P-m) | x y P- M = 1 = | x 2 | + KP-m | Y = (m+1)(P-m) 不是超, 矛盾 (3证明L={0mlm是完全千方数}不是正规语言  $n \quad w = 0^{n^2} \quad w = xyz \quad y \neq z \quad |xy| \leq n$ 1 < 1 y 1 < n × y y 2 ( 部 k = 2 ), 由于 | x y 2 | = n2 矛盾 n2-11 < 1 x yyz1 < n2+1 孙府不以01结尾的与符串的集合, Z=10,13







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