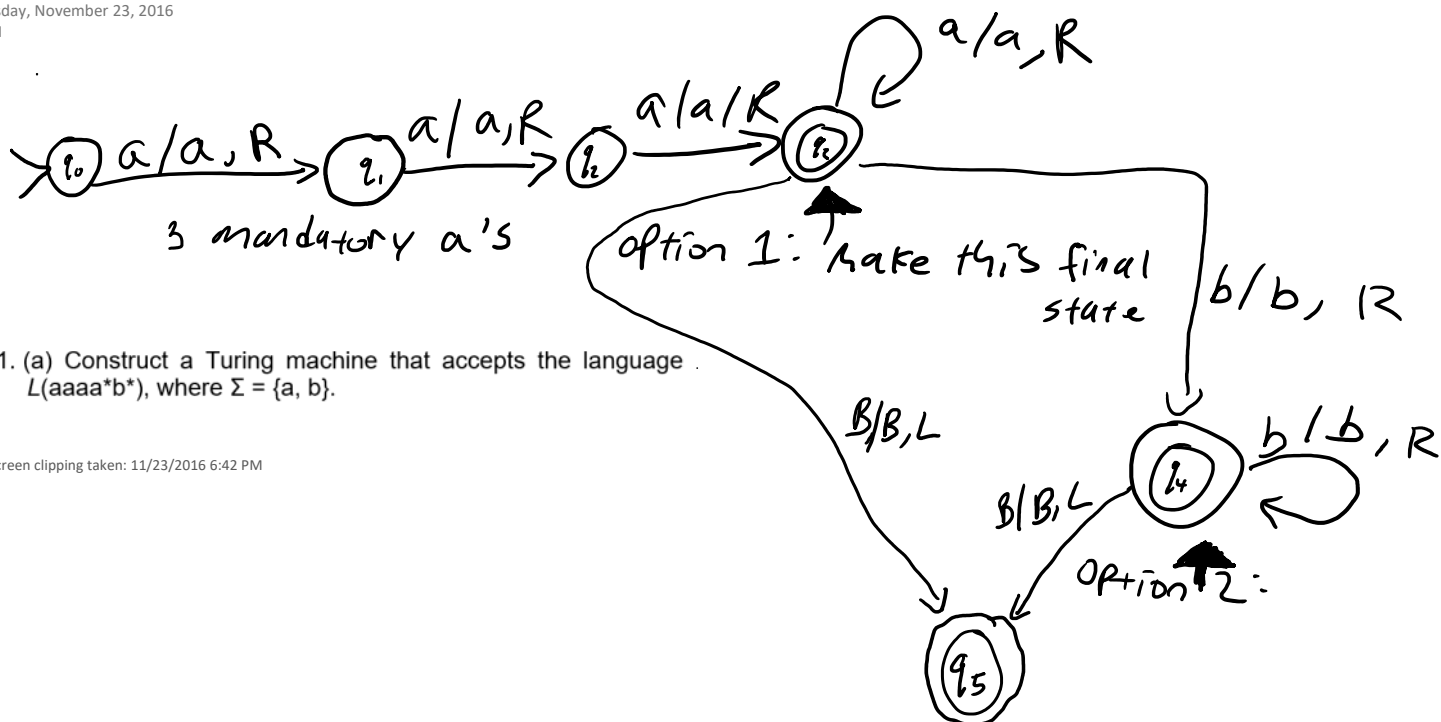


# 320 notes

Wednesday, November 2, 2016 11:07 PM

Wednesday, November 23, 2016 6:32 PM



1. (a) Construct a Turing machine that accepts the language  $L(aaaa^*b^*)$ , where  $\Sigma = \{a, b\}$ .

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2. (a) Construct a Turing machine with three states that accepts the language  $L(a(a+b)^*)$ .  
 (b) Design a Turing machine with only two states that accepts the same language.