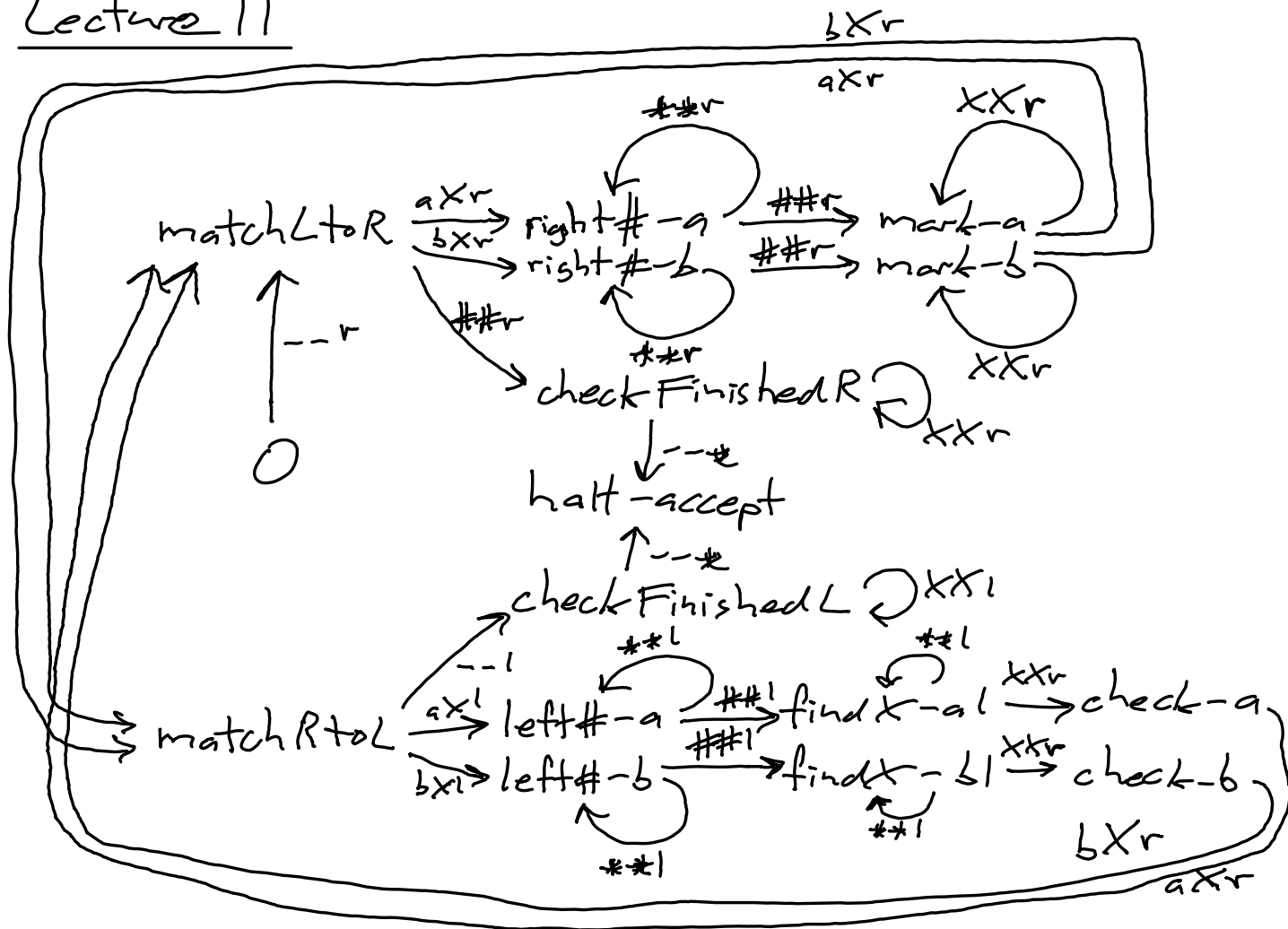


Lecture 11



Turing machine to accept $ww\#w$ for $w \in \{a, b\}^*$
 ϵ --- space