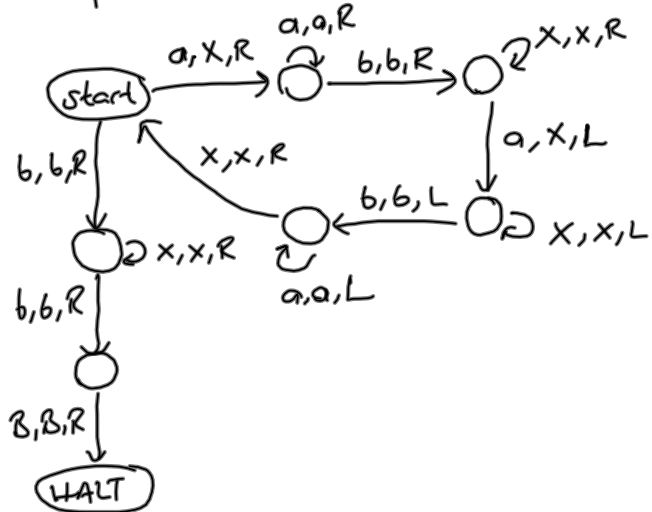


ÖEN $L = \{ a^n b a^n \mid n \geq 0 \}$ için TM tasarlayınız..

$L = \{ \epsilon, ab, aabaa, aaabaaa, \dots \}$



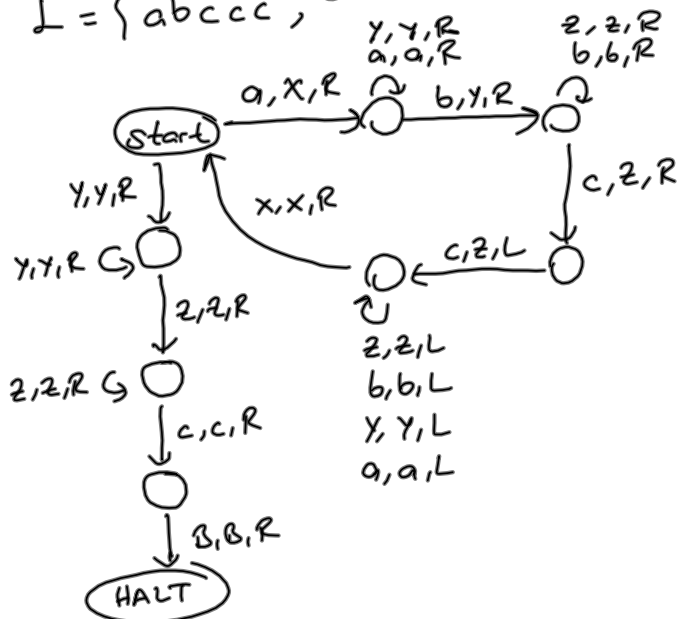
$a \dots a b a \dots b \beta$
 $x \dots a b x \dots b \beta$
 $x \dots x b x \dots b \beta$

$a a a b a a a b \beta$
 $x a a b x a a b \beta$
 $x x a b x x a b \beta$
 $x x x b x x x b \beta$

$\sim \sim \sim \sim \sim$
 $\checkmark \checkmark \checkmark \checkmark \checkmark$

ÖRNEK $L = \{ a^i b^i c^{2i+1} \mid i \geq 1 \}$ için TM tasarlayınız -

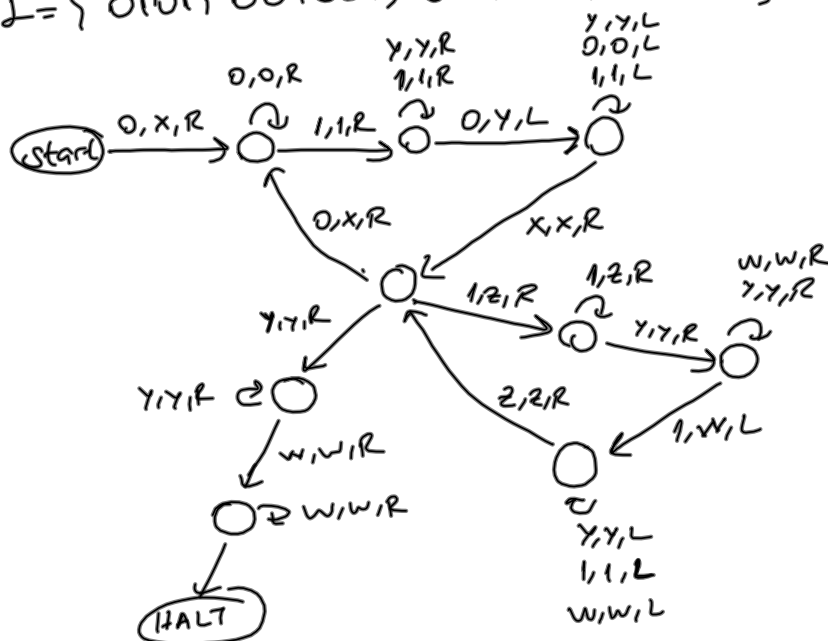
$L = \{ abccc, aabbccccc, aaabbbccccccc, \dots \}$



aaabbbcccccccB
 xxx yyyzzzzzz
 ↑

ÖR/ $L = \{ 0^m 1^n 0^m 1^n \mid n \geq 1, m \geq 1 \}$ için TM tasarlayınız.

$L = \{ 0101, 001001, 0111011, \dots \}$



0001100011B
 X 0011 Y 0011B
 XX 011 YY 011B
 XXX 11 YYY 11B
 ↑
 XXX 21 YYY W1B
 XXX 22 YYY WWB
 ↑

