ey create a 4m for L= Janbn:n>113

11 go left most (go, a, a, L, go)

(go, a, a, L, go) (go, b, b, L, go)

(go, #, #, R, gs)

// blank q' + move Right

(qs, a, #, R, ga)

(ga, a, a, R, ga)

(ga, b, b, R, ga)

(ga, #, #, L, gb)

// blank 'b' + move left or (start over)

(86, 6,#, L, 80)

11 go to final

(gs, #, #, R, gf)

instantaneous description!

S= aabb

aa b g. b ## - ## aa g. bb

— # go#aabb# — ## gs aa bb#

— ### ga a b b # ...

s= bbaa

6, baa# - ## 8, bbaa#

— # 80 # 6 baa# 1 # 9 s b baa t=

L ~

ex L= 5 f(x) = 2x ! X = 395* }

aa # -> # aaaa

+aa+ +aaaa# [#aaaa#]

aa# + aaxx# -> # aaxxxxx