



State $\rightarrow st_c, x_c$

contains the current state, and what character M 's read head is on.

while $\{$

for each char in state $\{$

for each char in transition encoding & same idx $\{$

put a if both 0

put b if trans state 1 and cur state 0

put c if both 1

put d if trans state 0 and cur state 1

³³ If any st, g pair in M 's transition encoding is all a's & c's

move in direction d

update state according to transition (copy)

reset transition encoding

If in accept state;

accept

Endif

Endfor

reject

Endif

there's a match