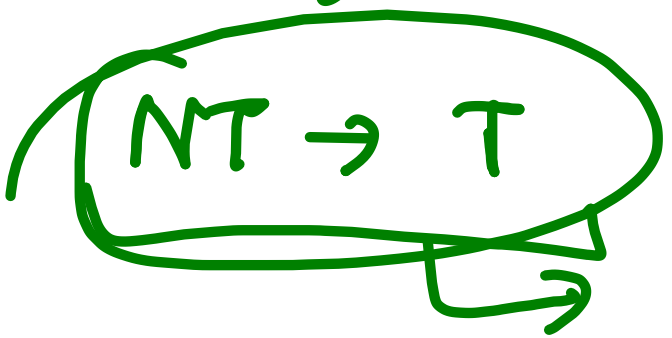
Regular Grammar to F.A

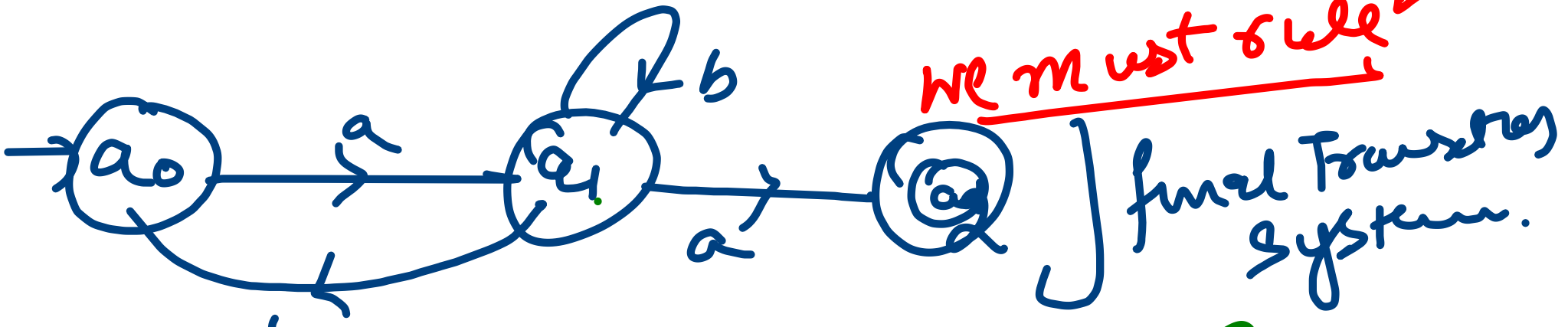
→ Terminating & Transitive Rule



final state is reached

Let $G = (\{A_0, A_1\}, \{a, b\}, P, A_0)$, where P consists of $A_0 \to aA_1$, $A_1 \to bA_1$, $A_1 \to a$, $A_1 \to bA_0$. Construct a transition system M accepting $L(G)$.

$A_0 \to aA_1$ $A_1 \to bA_1$ $A_1 \to a$, $A_1 \to bA_0$



We must take final Transition system.

for a_1 to be a final state

$A_0 \to a$
$A_1 \to b$

Not present