

DFA = NFA

TOFA = NFA

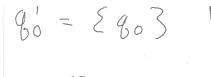
TOFA

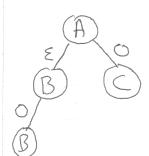
TOFA = NFA

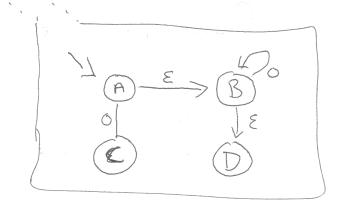
TOFA

T

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Vecompiler: VFH -> NFH
    in: d= (Q, E, go, S: Qx E > O, F = Q)
    out: n= (G', E, go', S': Q'x E > P(Q'), F' ⊆ Q')
       S' = S'(g;, \alpha) = \{ S(g;, \alpha) \}
    Compiler: NFA -> DFA
    in: n= (Q, E, go, S: Qx & > P(Q), F = Q)
    out: d= (Q', E, go, 8': QXE> &', F' = Q')
Stant
                        Q' = bit vector of Q states
                          = P(Q)
         80 = 2803
110110 + 9;
        +> 101010 + 8; suppose Q = EA, B3 80 = A F= 8B3
                             Q'= { 0, {A3, {B3, {A,B3}}
                              80 = EA3
                      F' = FXQ wrong type
                           { 8'; ∈ Q' | 8'; n F ≠ Ø }
                    EQ' F' = { SB3, EA, B3}
     S'(q'i, a) = g's
                                          calculus
     \bigcup g_u \in g'_i. S(g_u, a)
                                          Si=0 i+2
```







$$E_0$$
: $P(Q) \rightarrow P(Q)$ $E(\xi_A 3) \neq (\xi_A, B)$
 E_0 : $E(\xi_A 3) \neq (\xi_A, B)$

$$E(g';) = Ifp of Eo(g';) f(x) = x^2 + x$$

$$E(g';) = Ifp of Fo(g';) f(x) = x$$

$$I = x^2 + x$$

$$I = x^2 + x$$

 $\frac{5-4}{8}$

