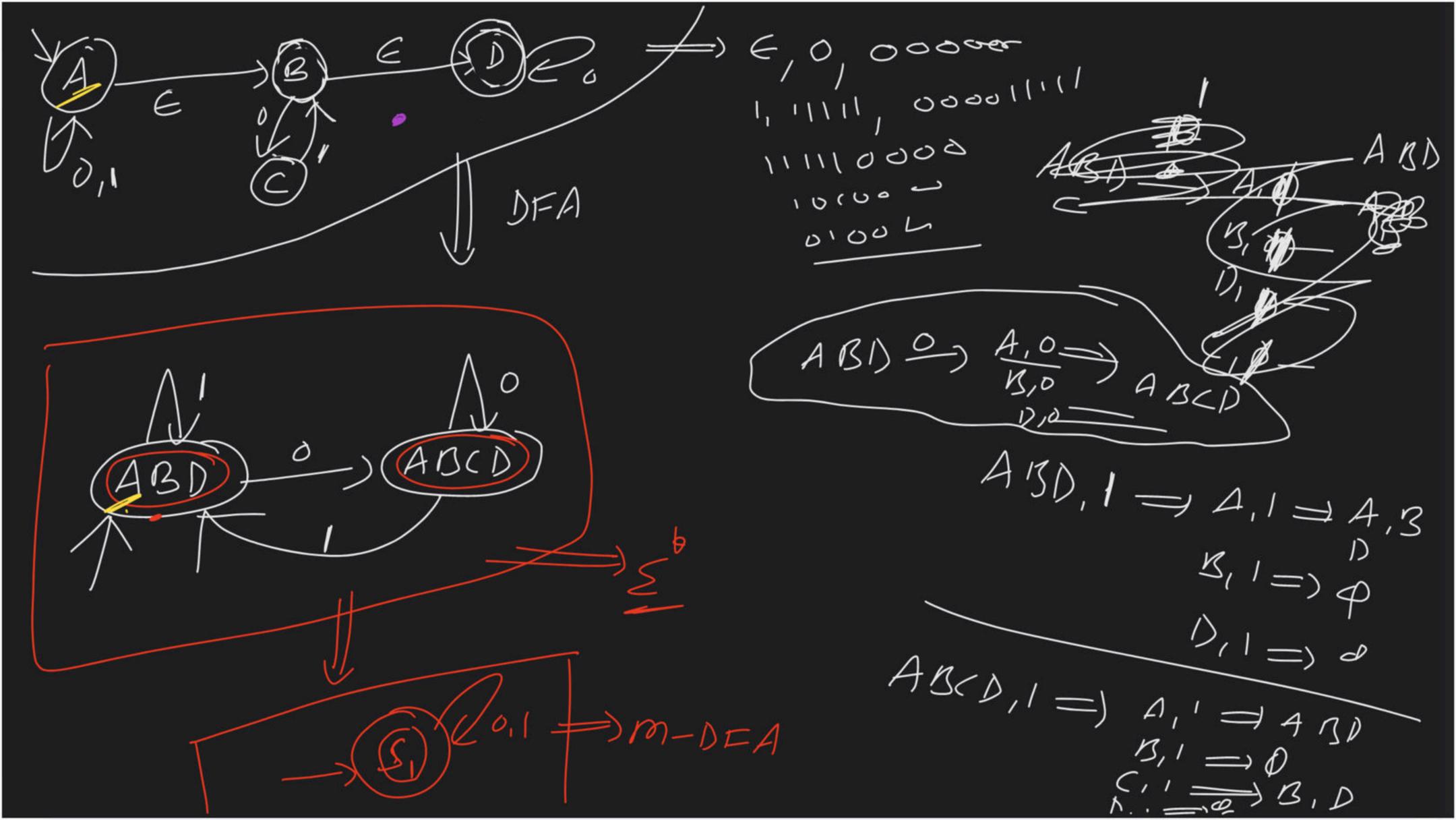


Complete Course on Theory of Computation





NFA => DFA E-NFA => NFA => DFA

Decidable problems of FA

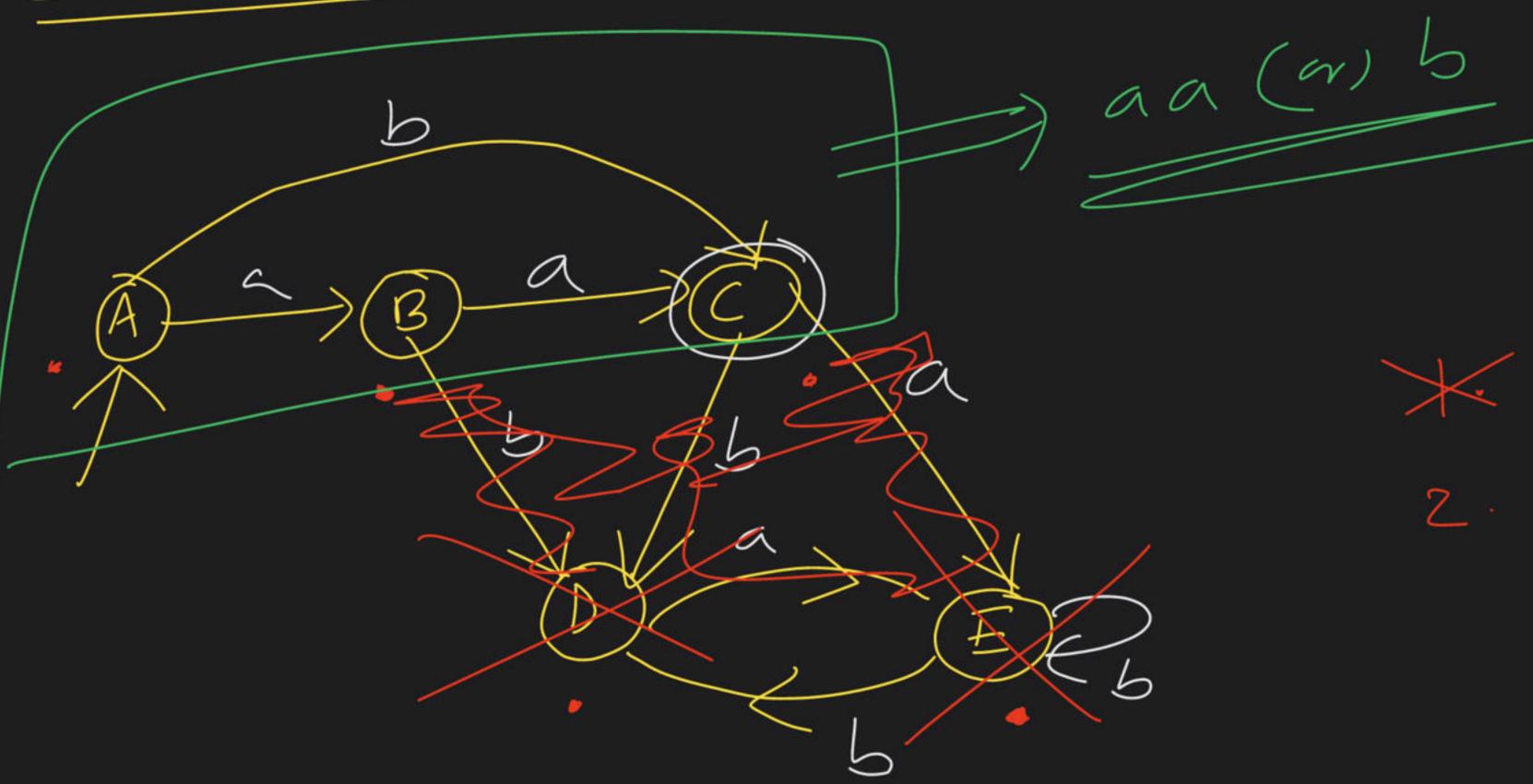
- (1) Emptinels robblem
- (2) Finitenell problem
- 3 Equality problem

Emptinel problem Empty Langer (an) not? empty L

Algo and its toursinant (1) = 1: minate the states * which are not reachelle tom initial state by you found afterth 2) In It remand FA sines ED accepts non-em 1- Linal state then olthwise empty.

ENE 9,6 0 Simplify NE

Finitenell



Algo

- (1) Eliminate the states 82 it to ansidions which are not reached from initial state.
- (2) Eliminate Itale states se it tourisions from which we can't reach final.
 - (3) In ite rement EA it loop is went then it accel inhinite lagrance.

Thankl Goto hell Dedicate Marq

DFA NFA E(DFA) = E(NFA) = E(E-NFA)P(Q)

