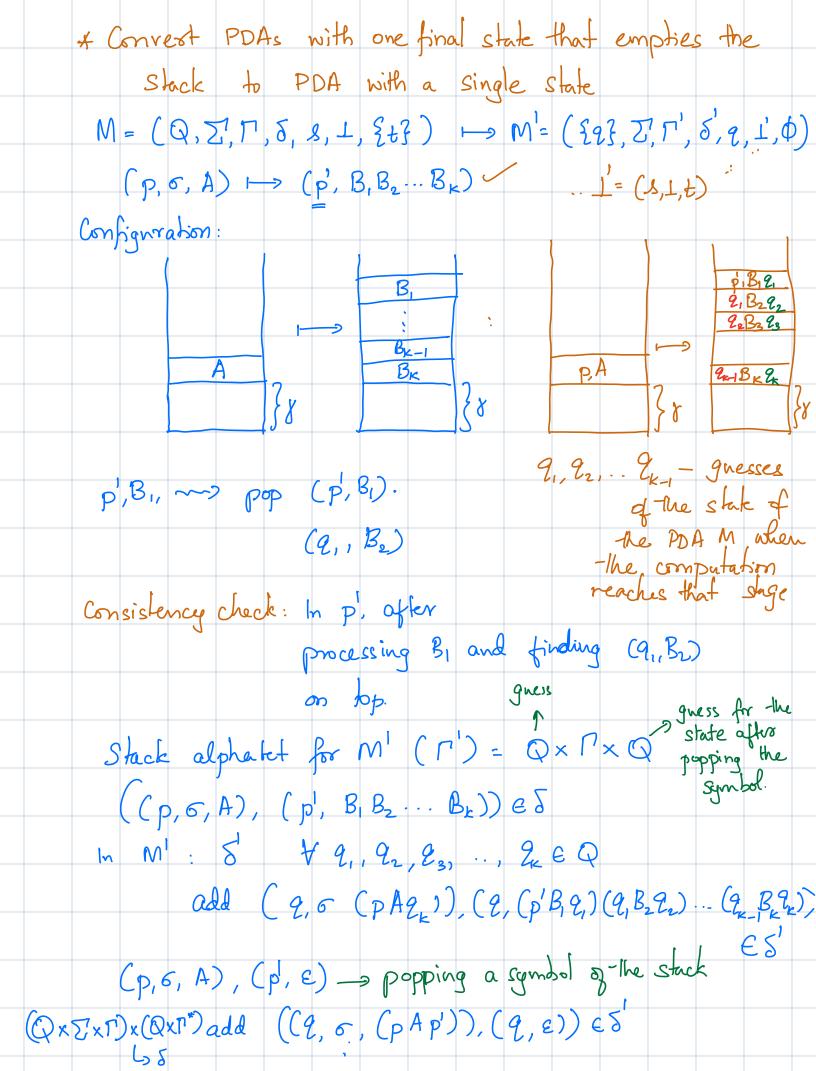
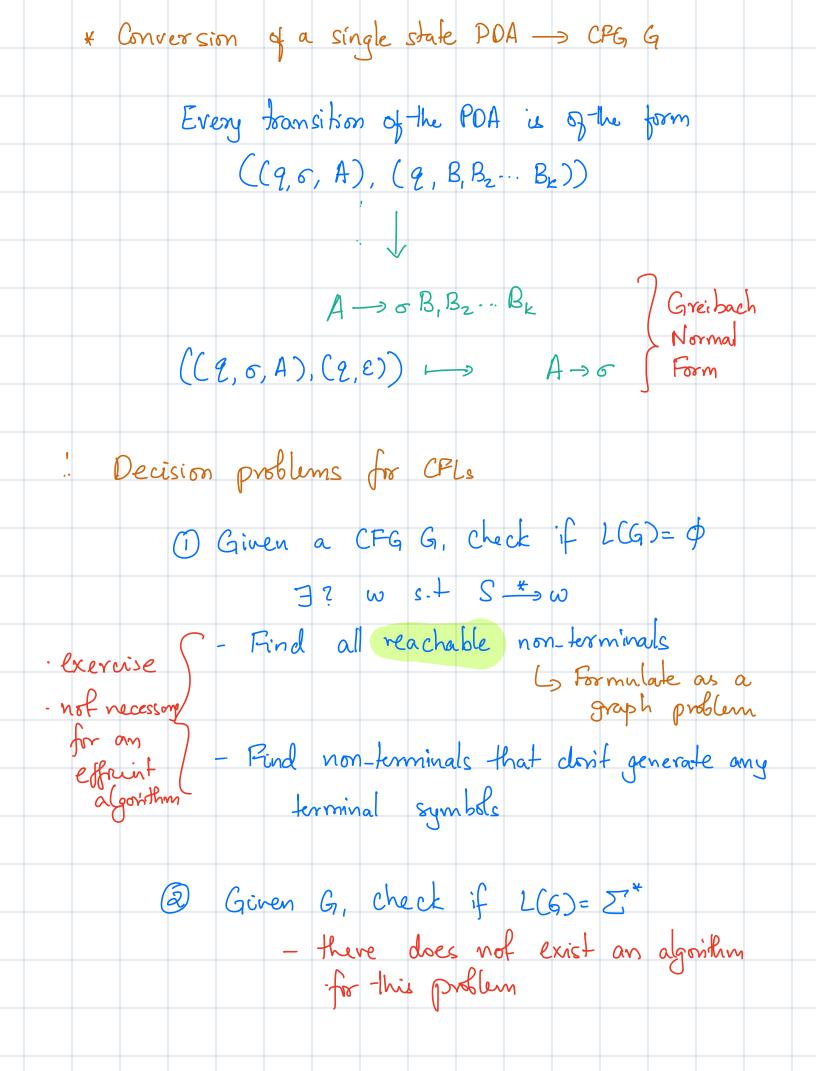
From PDAs to CFGs \* Every PDA can be converted to one that has exactly one final state ( [+1]) & accepts after popping out the entire stack ontents CAdd &- transitions from-the final states to Et3) \* PDAs with a single final state to a PDA with a single state - Store - the State info accepts by stack on -the stack. \* PDAs with a single state -> CFG G.





Effective Computability - what can be solved algorithmically? Hibert's Formalist Program - Aximatize mathematics - Entscheidungs problem - Given a mathematical statement, check if it is true (Algorithm for this) Completeness theorem: FOL is axiomatizable (Godel) ∀2, ty 32 α<2<y
or y<2<x or 2=y=2