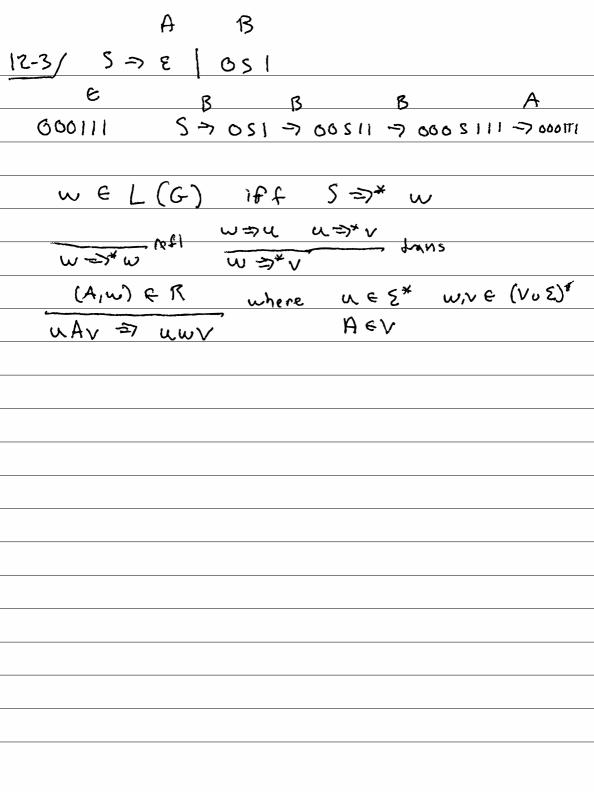


12-2/ CFG - context-free grammar a string of derminis var able non-terminal Symbol G = (V, E, R a stort symbol some Chileset some Chile set



12-4/ 57 2 1 051 a string is in

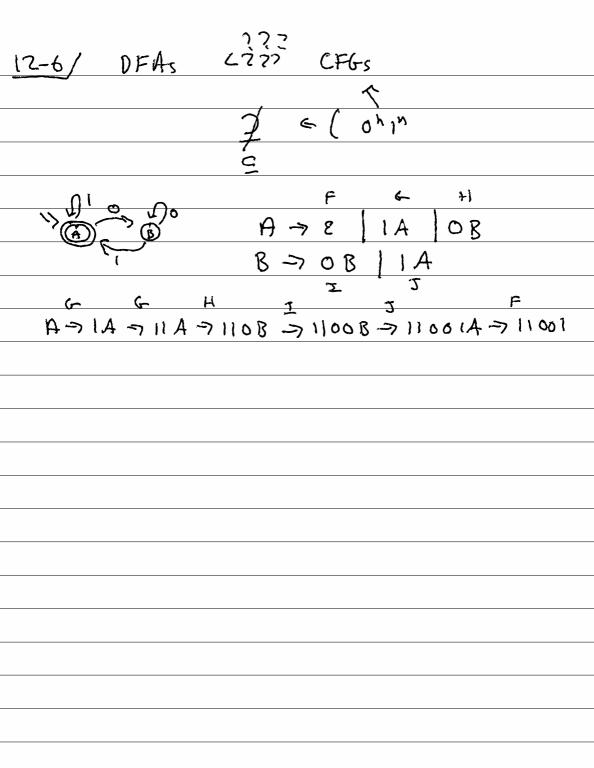
the language

iff it is one

of the leaves of

> 6005111 the derivation

of the leaves of 6611



12-7/ in: (Q, E, go, S=
$$a \times E \Rightarrow 0$$
, F)

Out: (V, E, R, S)

$$V = Q \qquad go = S \qquad CFL$$

$$context-free$$

$$Qf \rightarrow E ; f \qquad gf \in F \qquad language$$

$$Qi \rightarrow agj \quad if \qquad S(gi, a) = gj$$

$$DFA \subseteq CFE \qquad REC$$
[FIN]

12-8/ A v B ? S -> A.S | B.S AOB => S => A,S B,S AnB? not possible

