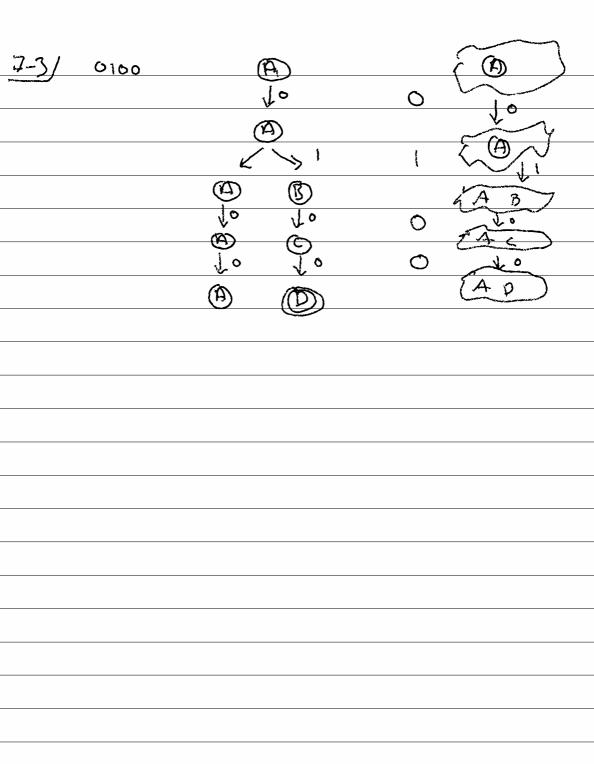
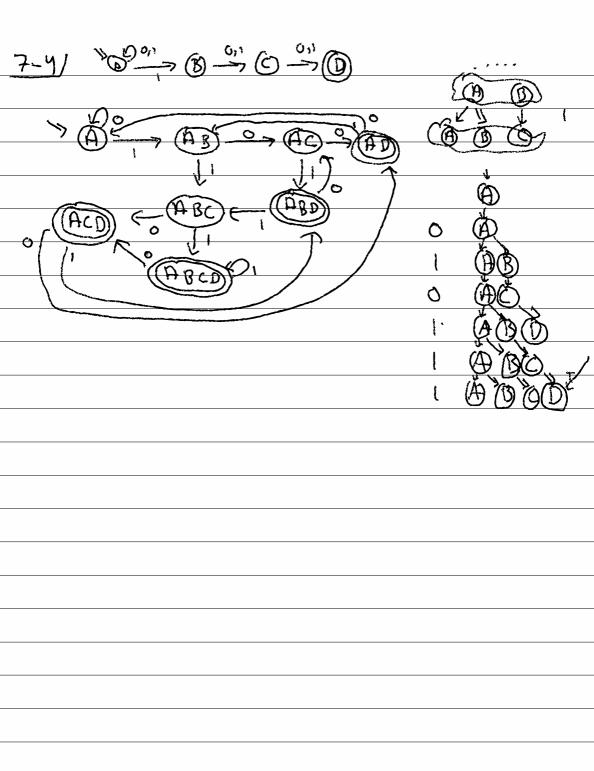
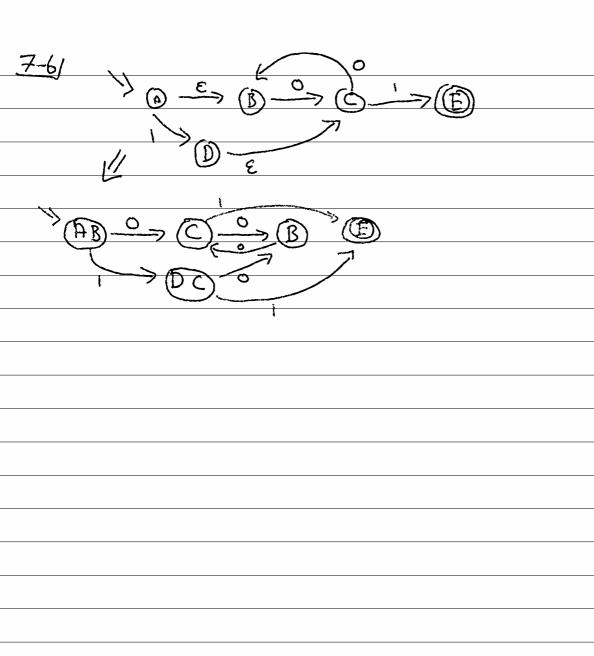
7-1/	NFAS AN	1 DFAs am	both repr	of REC replan languages
		INFUFA.	L(d) = L(n)	
		IdeDFA,	L(n) = L(L)	

2) 3rd from end is 1 (B) - (D) (D) (D) (D) (D) 00





7-51 in NFA: Qn, E, Bon, Sn: Gn x M(E) -> P/h) Fn c Qn out DFA: QD, E, goo EGO, Sa: QO x E-> QD Fo e Qn $Q_D = P(Q_n)$ // $x \in P(A)$; ff $x \in A$ $Q_{OD} = [Eg_{OD}] \rightarrow [E(Eg_{OD}]]$ Fo = any state that has a member in Fn = Egie Qo | gin Fn = Ø3 $S_{d}(q_{d},c) = \int S_{n}(q_{n},c)$ except ... E(Unf 86 Sn (9n, c)))



7-7/ E: Qp -> Qp E "follows all epsilon transitions" $E'(x) = E(x \cup S_n(g_n, \varepsilon))$ least tixes boint J. D. Z. O. Z. O. $E(X) = X_n$ s.t. $E'(X_n) = X_n$ and $X \in X_n$ changed = false, X = Xu Egri) function E (X) { van changed = true; / for gy = X for gn' f Sn(gn, E) while changed E if go' & X, charged atme return X

7-8 DEAs and NFAs describe the same set of languages, it problems.