Myhill Nevole Aneoven
con equivalence
relation ~ on ZX is said to be sught invariant X,geE スペリニンサモ(スマペソモ) 2 VLy (=) + Z(ZZEL (=) y ZEL) (basically X by con be final state) eg: ~L on Ex A = (Q, Z, S, 90, F) ~A = * ~ ~ ~ Y iff \$(90,1×)= \$(96,14) for every zin } (90,92) = S(S(90,7), Z) = \(\begin{align*} (\frac{1}{2}(\frac{1}{2}(\frac{1}{2}(\frac{1}{2}(\frac{1}{2}(\frac{1}{2}),7)) \end{align*} = 5 (90, gz) XZ~ xYZ => ~ is suight invariant Theorem: Let 2 be a language our E (1) Lisacepted by DFA (2) Fa sujet invariant op. rel ~ Lisurion of corre of class of ~

The quivalence relation ~ 1s of finite index

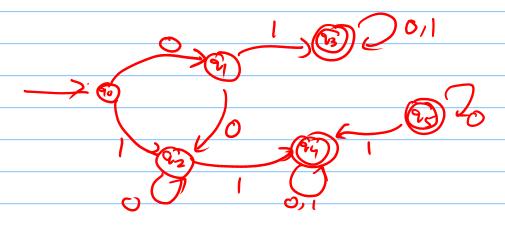
(2) >3

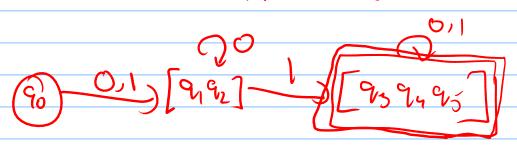
L= fx E fa, b 7 * | abise for substry of t }
Colculate quindince closes of L

1 = [w \{0,1] +: w ends with 00]



minimize the following DFA





90 93 92

9, 96 92

10= 1\ 90 91 92 95 97

12) 90 91

12) 92 95

11, = \{ \quad \qu

