Aleksas Murauskas 260718389 4,28 Let C={G,x}16;s a CFG xis < substring of some y EL (G)}. Show that C;s decidable We can create Turning Machine M M= Ipput: LG, X> where G is a CFG and Xis a String

1. Let R be the following RER = 5*x5*

2. Create CI-G A S.t.L(A) = L(G) nL(R)

3. Enter (H) to the decider for Execution of the supply than RESECT

5. Other wise RESECT the time to be a complete