

3. D decides L D="on input <M, w, t> 1. Make a TM M' that has x's on first type equal to t and the other type lisi equivalent to m 2. Run w on the second type and increment the tape head on the first tape one to the right whenever a transition is made on the second tape 3. If the first type reaches a blank first reject. If the second tape reaches an accept state, accept. 4. If M' accept, accept, Else reject."