Daniel Jaffe is recursive and Lz is recursively enumerable nce L1 is always able to decide

nether a string accept of steject

+ since LZ is semi decideable Led when you Loop so Le is Still recursively enumerable

9,2 Cat CPa Cbt CPb Pba + aPb Paay aPa CPaabat CaPabat Pobb > 16Pb Cab Paatt Caba Patt Paby bPa Pa# 7 # 6 Cabata CPabaHa 也并一人 CoPacHa ChaPata Chaffaa CPba Haa Capb# CAAbaa CPa# bac CHabaa abaa

5 73 1111711 SAT# TATI | 4 | CII + A | CVIII# IICIH! C#7 F CTIVITE
11011# 1110#

11510/3==0 5-17#1 TITA TOK (a067C) Cbbb 7Ch Cabb7Ch Caabic Cabatc Cbaby C Cbaby C C bbotc C# 7 Win ababaa TH + Cababaa# + Chaa# + CH + win abbab
TH + Cabbab# + Cab# X C# 7 win

Chapter 10 1. Assume there is a machine A that decides whether a turing machine Maccepts Micani o construct a new machine that is the complement of M capital
M' that thoughten inputted & males M on some w . Then M' accepts L it and only But determining whether Macrepts is undecldcable so this ends osol a Turning Machice accepting the empty string is undecidable