

Grammes s -> asb/d B-> 6 to No. of netuction step, occept duelles andboo Sal S -> aSB PS -> asB 4 -> aasbb -> agasBBB 55-395B 3 \$ 5 3 dy - agad BBB - gaadbBB \$876 3 -saaadbbB SBSBF -sagadbbb steps Total ZMZ => encoding of Turing machine M. Li = 8 < m > / L (m) = 4 } L2 = 9 < M, w, 4> / m on input w rienches state q in exactly 1000 stops 3 S<m>/ plm) is not recursive } Lq = \$ <m>16 (m) contains at least 21 members} (Undecidatble >> L1, L3 & L4)





