

(mon) & HALT-TM JUDETETE M (50) M => C LX (56) 11

SHP TK 13 /W (50) 19 (50) M > 10 Ruis Coto W J'E GM' (NO reject 1, immo K (Solmo L IT & Gru God be of M'ALY) - woreject 1, 2011/51 (8/100). Le-1(m) is a TM and L(m) is finite! 6 HALT-m il reductionità . I know it sing seile n'elin decider ! • 5 ~ (Siers) ~ w/0/2016 ~ (511 1/M قِبَوَ لا في كنه m' & LYU - I infinite & L(m') L4=1<61,6<7/61,6< are (F6 and L(G1) < L(Gx)) Our deciders = In decidablis; = LE emplés e sio les 16 2 1 (Or (5111) ST 5 (T) deciderist So. Ort estation T (61,647 emission < 64,617 1/ (510) m) 100 in que, \$ (61) (1(04) ise maccepto 501 is six of a will be to Light New (3/2 5 em = de Cider in evision of T wo, + Im L(61)=L(Gx) Militeria Almo Li Ea Chilomini xi jaon - and decide 1 Ea 0 6 LA Up; Luby ide (ide -) liv spo, Popusi decider on min

Ly=1.cm7 lm is a Tm, there exist an input on [Culo]

which in less than Im1 steps (

Bir observed in constant of the constant

Lx= / <m7 / m is atm, mo is atm that hatts [2010]

on all inputs, m & L(mo) {

singlian m (s) 1, mo. of Lx (singlis & pling) decider in

instruction of mo is

reject ~ reject ~

reject b

lx= / <m7 / m is a mo. is the only to that accepts that

I will input of mint a mo. is the only to that accepts that

I will input is in a mo. is the only to that accepts that

I will input is a mo. is the only to that accepts that

I will input is a mo. is the only to that accepts that

I will input is a mo. is the only to that accepts that

I will input is a mo. is the only to that accepts that

I will input is a mo. is the only to that accepts that

I will input is a mo. is the only to that accepts that

I will input in the only in the only in the condition of the only in the

رفاه جاري

in recursive

Unrestricted possesso (as up) La= laibiceie i>19 مل کم طم الدوی 5 -> aBSCCC (PINSUPCTO GC TOW V/1,16,00) $S \rightarrow \alpha B CCC$ $BC \rightarrow \alpha B$ $BC \rightarrow bbC$ $Bb \rightarrow bbb$ ومرلى ساقة ط ع دوما ط ح كذالع SA aBSCCC & aBaBCCCCCC > a aBBCCCCCC > carbbcccccc > aa bobb ccccc all bee city وربارکہ سے مو مانع باید مد طریعی سازیم L2 = {w [d] | i=na(w) , j=nb(w) } 5->51# 51 → asi (1 bsiD1E の 5 > 51 # > asi(# >) a(# =)(as) $DC \rightarrow CD$ @ 5751# 7610#7 $p\# \rightarrow d$ b0# => (bd) DO - JOS (# -) (3) 5 => 5# => asi(#=> absin(# 7 abn(#7 $Cd \rightarrow cd$ abCD# = abCd > abCd] (< → << $\# \rightarrow \xi$

LX= E=(a,b,C) S-> axslbYs1c > U/2/ YD JbY Yanay من مناد مدننع ی 3 5= axs => axbYs=) Xa Jax GXPXC => apx XC => 1 S⇒axs⇒ax(=> Xb > bX aca => aai abx(b) abcab) Y(→ (b abab1 ②5⇒り75⇒り70⇒ XC -> Ca $\langle \rightarrow \rangle$ b(b => |bb1 (6)=> fundence 6 anoly 2015 (11) ww/600 5-) aHSCLE 5 = ansc yanc > ansc) Ha JaH 35 >ausc = ahauscc= HC - bC Hb → bb a HaHCC = GaHHCC = GaHBCC = aabb (C) S=) aHSC=) aHGHGHSCC=) aHGHGHCC=) CIAHHAHCC = OGHAHHCC = QUAHHHCC = QUA HHBCCC = (L(6)=/abrc 6, aga Hbb (((=)) agabbb (cc)