Calculabilitée & Complexitate

ce pot calcula

chier decè an memorie

timp oricét de more.

f: M->M

F: MXN -> M

FUNCTA LUL

ACKERMANN

A (0, n) = n+1

A(m+1,0) = A (m,1)

A(m+1, n+1) =

A (m, A(m+1, n))

m=0

A(1,0) = A(0,1) = 2

A (1.1) = A (0, A/1,0) = A (0,2) = 3

A (1, n+1) = A (0, A(1.1)) = A(1, n)+1

FUNCTIA LUI COLLATZ obt collety (n):

whole (171):

if (n% 2 == 0)

n = n/e

2/30

n= 3n+1

return 0

2 -> 1 -> return 0 3 -> 10 -> 5 -> 16 -> 8-> 4-> 2-> 1->0

6 -3 7 -> 22 -> 11 -> 34 -> 17 -> 52 -> 26 -> 13 -> 60 -> _10

f: N -> M mai multe' decêt programe

A ac nu mos de elemente on B (=)] [: A -> B

Dem. Pp existé bijectie

So creez ge lo, 11 cars nu ein listo