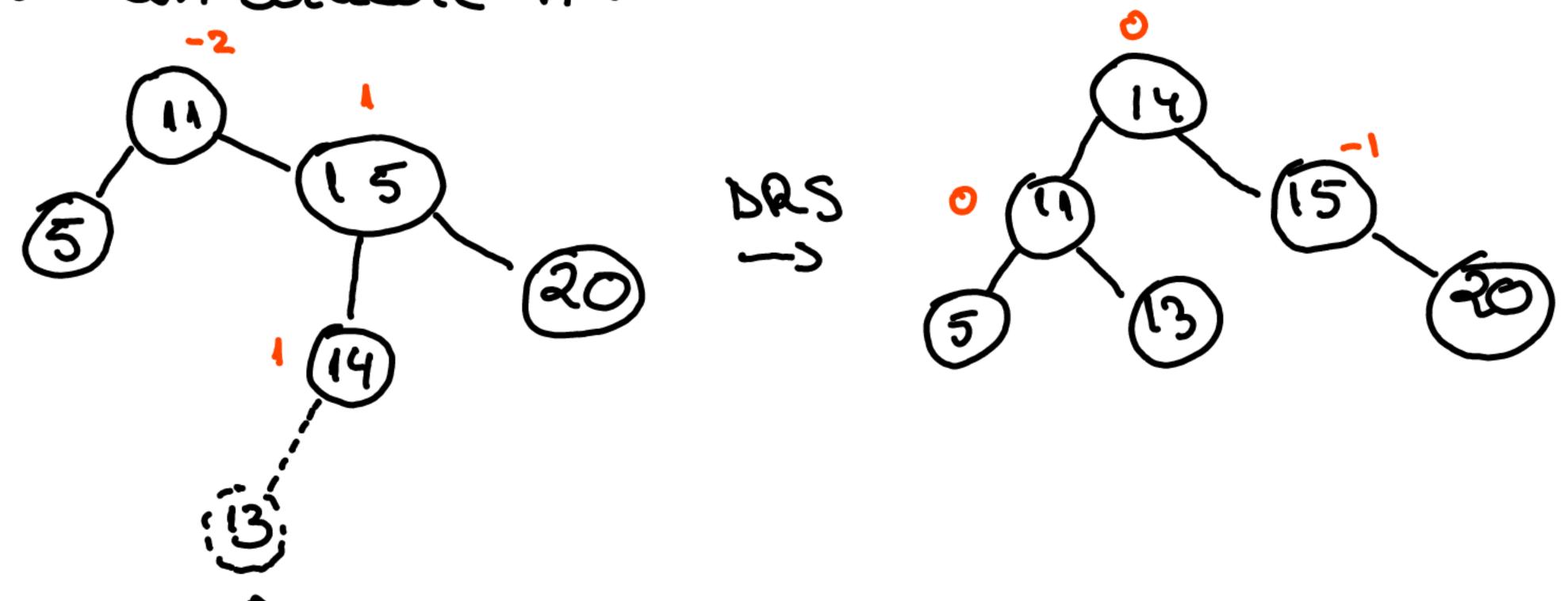
A.

P-> 7(n)

Subalgoritmul prelictore mu ore ore lavorabil obletomatic = timpi: medic  $g_i$  delavorabil vor le egali  $T(n) = \sum_{i=1}^{n} \sum_{j=1}^{n} 1 = \sum_{i=1}^{n} m = m^2 = complexitate de timp: <math>\Theta(m^2)$ .

nocear, supris 1 21. ur in Grancition 6, 1- me no eno surfamo

B. Sci se illest rose ap. de ducila rat. spre stanga Intr-un arlane AVL.



13 m areassee ALL

- tatusi. > Psim adaireganca en: 13, contravale un ar mai.

Pri explicionat (bart. ale expliciona al raidairimi -2, stim careste necessario o zatatie spra stanga, inser o singular necessario o zatatie spra stanga, inser o singular notatie mu este suluriento -> duche raidairimi ratatie spra st

- => 14 devine radacina; (accar am Br. efectiont a singular
- · passintelle eui 14 este mon, mora => sult. grapt est ora cer
- nordoiona imitialex un este mon, univer decet 14 =1 sull. store is one ca nordoioner be 11
- opselt 15 colorge 66 13
- one is by paistreament descendantal apapt

PARALELA CU TEORIA: A=11 C=15 C=14  $A_1=5$  C=14  $A_2=13$ 

CI.

Rodos, responsement somt: a) -c) 2 d)

music n= us. de modrare oce oscensella. againciment
com ANT -> oscense ochiciosat => invictimen = est u

Totali, aporatille au accester complexitate pontrui cà mu este necesara parcurgosa tuturar elementalez pt. electuarea aporatilear de Carra (aderugue, ztorgosa, carutara), ci daar parcurgosac unui abrum ", datorita existenteri relativi aumtre elemente.

26 se exambles, ju consert contain.

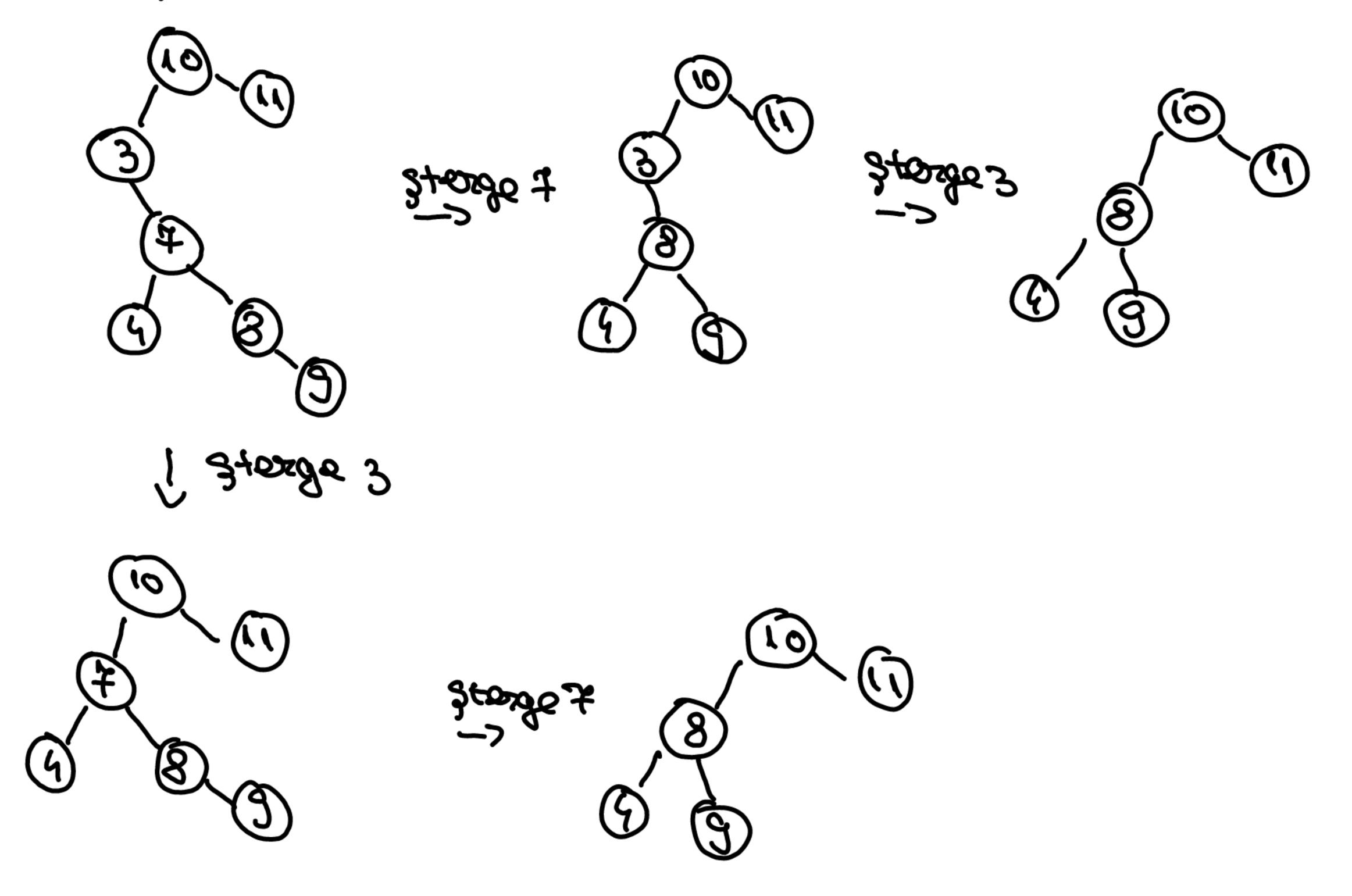
Baca reamonter avoint c decot ce cautain - morgan indr.

za las orcessazi.

Za las orcessazi. wogreszi, wogr olinudojug er biwoj

- geografics, ingreszent ge oszanwo stosolomi. sedertem. Ce

Exomple :



Las operar epobele intermediare sint missife?

ausameren) + nassernszin

Azaore

C: LEbawent []

y: jupied (griman zimes corconaga.)

neacorbage

Subargoonitm and (a,e) este:

1 pare: a e Arecora

ee TElemont se + NULL - TElement

bazt: 20 sightnemenson, orables - I

3

creensa (c) } creenter a moder?

paca crélis + norr-lesament atama.

adauga (c, 71, staing)

36 posca 3 se agande, in acada basachi. imarice -> acad 3

cat Timp ? vida (c) executar

3 terge (c, 1 induce, 37)

1 se sacrete a perache de elemente aum caada;

1 se vorileier daca ann gasit elementul?

Maca a e Zimblice 3 = e atunci

coop c-2 your dazit sommantre -> 26 safermengo cadur 3 SRDacon

Baca a e Zimolice 2 a 3 & NUCL - TEROMONT A indice 2 2 La mail

@adaingaim "o" et si adanga (?> ) indice "2> Si?) 1 se acianga descendentul et. In coada)

Dacas are I implice xx+13 + non-iseroment vimplice, x+1 = a mat

S2 6 5

@ adaugam 4 14 ea 92

sprace 1 se adaugar descensamme de madai}

SPCcit Timp

y garca, 2-0 diane origin, un 2-0 doisi, telement no in original Cod 4-1

Resulargouifm

Complexitatea: avaind in vedera ca eps. de adatujoro si - de timp: O(n) ounde n rapadrinta dimensiumens

as Constant

- es election: Ocu) (election enters)