

1

	· ATENÇÃO: Quando se redimensiona a hash, todos es Trailes Tem-
Ç	to sor recalculados! (U = USED)
	DIA ALLA O
	$R(1) = 31 \cdot 1 = 0$
WEER!	$\lambda = \frac{1}{4} = 1 \Rightarrow 100\% \Rightarrow \text{redimmersionar}$:
	$2 \times 1 + 1 = 3$
,	
inser	(3414) A(1)=11.3=1
1	f(3) = 37.3 = 0
-	λ = 2-0,6 >66/. ≥50% > Redimensionar
	3 2×3+1= }
USIET	$R(1) = 1 \times 7 = 1$
and Si	「日当 計 引 R (3) = 3 ソー ア = 3 R (5) = 5 ソー テ = 5
-	λ= 3 => 40%
-	7
,	
108x+	118 3 15 R(8) = 81.7 = 1 > of isa > extrace
	on posing sequine se esture livee.
	λ = 4 > 50% redimensionar
	$\frac{7}{2x^2+1=15}$
inser	
	1 1 3 5 8 10 1 1 1 1 6 (8) = 8
	h (10)=10:/.15=10
	15 3
inser	151 2 5 18 11 1 1 A (15) = 15x15 = 0
. with	DU U D U U \ \ \ - 6 ≈ 40%
SOUNDS	151 3 5 8 10 15 = 00
	1 - 7 - 7 7 / 2 22
udin	20 4 3
	Medianonsionar

f. loal = he -hd desbalanceada se |f. ball > 1

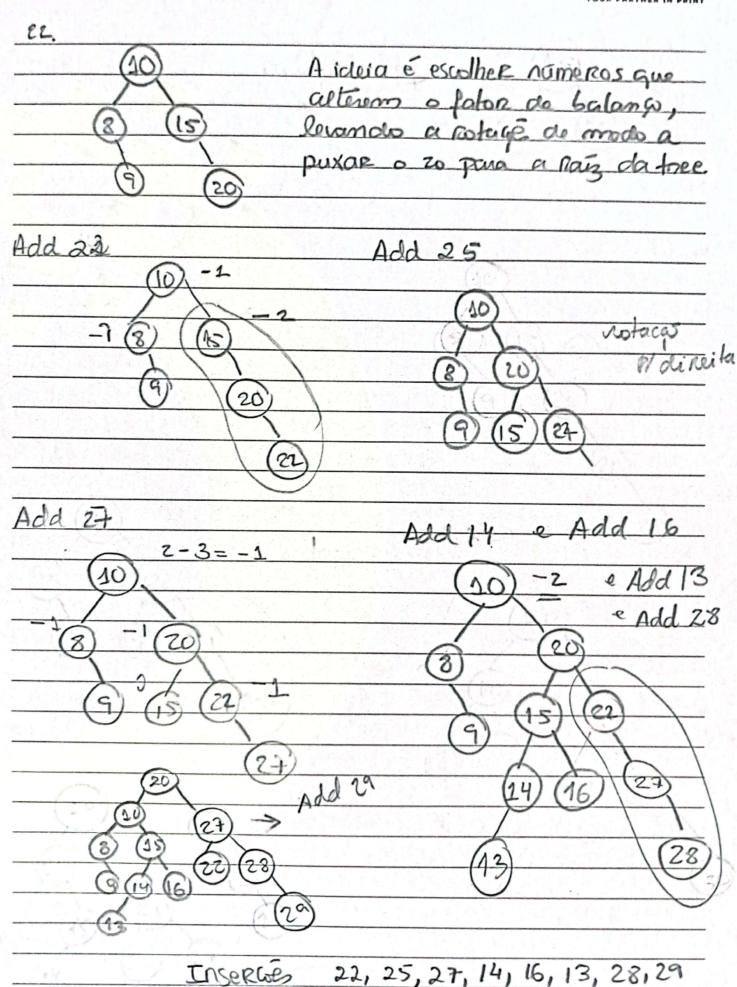


C 7 12 22 2 1 1	Thin 505 2.	Thomas 2.
6. Iteocar 1:	Iteracos 2:	Itemay 3:
(50) BAL	(SO) LEFT	SO LEFT
	I	(20) LEFT
	(20) BAL	
		(30) BAL
- (20) BAL	Iteraca 4:	<u> </u>
		LEFT-LEFT -> 1ª Roturas
BAL (10) (50) BAL	20 REGHT	a direita
BAL	(10) (SO) REGT	
	GO REGI	1-0110700-1-5
-10-00-	63 011	Rotages quando
Iterarys 5:	60 BAL	a deference das
Con Contract		altia é
EO REGHT	I tengs 6	: (= 21
BAL (10) (50) BAL	(20)	LEFT
	BAL	
201 (60) (60) BAR	(20)/(SILEFT
BAL (40) (69 1371	Will be the second	
	LEFT/(4c	(60) BAL
(20)		
	(30)	SAL Sustainer à
(20)		directa
(40)	(40)	
1		Iteracqui 7:
(30) (50)	(20) (50)	REGHT
	79	(40)
(60)	(30) (30) (60)	BAL (20) ETGHT
notare		A STATE OF THE STA
Doguera		BAL BAL BAL BAL
		LI DATE



17.
I temps 2: insect 3 I temps 2: insect 8 I temps 3: insect 2:
3) BAL 3) BAL BAL (8) BAL
I lear qu' 4: insert 9 Illyan 5: insert 5 Itear 6: insert 1:
BAL BAL BAL 2 8 BAL BAL 2 8 BAL
9 BAL BALS (9) BAL
Therapy 7: insect 4: I though 8: insent 7 Though 9: insent 6: REGHT (3) REGHT
GRIGHT LEFT BAL DEFT BAL LEFT DEFT BAL LEFT
BAL D CAS 9 BAL BAL BAL GALG GLEFT
(6) BAL
(5) esg (5) he = 1 3 he-hd=-2
(a) (3) (3) (1-21=2>1
(F) (G) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D
da da subarque





(13)



