# Tranaridonovdos Ninódaos A.M.: 03116138 PALIFORS PROXPAPPARTIONOL II Hownon 6: Everyara Tinux - letrer 1) Aprilio 1000 Stocks orn ourrain ins phioods for known e:= ... letrec x1=e1 ... xy=en in e 2) Karbras zunur for j=1,..., n: [, [xi:ti] ==1,..., + ej:tj [, [xi:ti] ==1,..., + e:t THetrec X== ex. Nn=En in e : T 3) A Eccorpying Enpariologia · call by value letrec X=ex. Xy=ey in 2xx: tro (00 (2xxity c) ) -> e[x1:=letrec Xj=li... Xn=en in e1] [xy := letrec x1=e1. xy=en in en]

letrec x1=e1... Xn=en in e -> letrec x1=e1... xn=en in e'

### · call by name

betree X1=e1... Xn=en in e ->

## 4) Magazorern Mopen

O opieros rou fix nou exoupe ora sienden pas eivas
apuera jevinos onore vai da propourare va rov

xpinon ponoi nocupe sua opioro zou detree us syntaetie sugal
av auro pas eniorpeyes pua neidea eneglaren ele..., en>

letree NI=e1. Xn=en in e=

let <x1, ... xy> = fix (2<x1=2, ... xn: ty> <e1, ... ey>) in e

# 5) Karoras Tinne Appilorras and my if ou unodern for j=1,..., n: [, [Ni:7i] ?=1,..., + ej:7j for j=1,..., n: f, [xi:7i] =1,..., -e;:7; (Tuple Rule) [, [xi: zi] =1,..., + <e1,..., ey>: Tix...xI, Γ + 2 < ×2: τ2 ... ×2: τη> < €2,..., εη> : : C1x ... XTn -> T1x ... XTn (Fix Pule) Γ - fix (Acx1:21, ..., xy:2, 7, < ε1, ..., ε, 7): 7xx. xz And urollan: T.[Ni:Zi] +e:Z [ + let Lx1, ..., xy >= fix(2<xx: 71, ..., xy: 7, 2ex, ..., ex>) in e : I Mor Exil Islika zor idio zono po zor kordia nou opioans que la letre e oro spursta 2, Es operativa oupsia napaldeydnes n Equerosis tou karara nasiatas tha ra posto xapur eukodius nal ouropius

### Asiroupping Enpariología

Appinion Logur The Acteuppines Ten let da ixoups avrina rosoraon ros <x4, x> tuple wiss ins e Exepans to to fix (2 × xita, ..., xn: th7. (21, ... e, 7) uno Situation orc to e cival me poppis axity (... (Axnity e)...) (addicul route to pipuse of auth my poppin) kar mus rights Epparian No 00 e avicoroipsi oro i-oord oroipsio ens thaceados. In rusixia to fix nata tov avadpopini opiopo tou anodorder you does ampilies doging to The letter reprierzes made gopa tyr ndsigla ye zor opioto Tur ouraptiten στο επόγενο θήμα για wow ? >xx:7x (... (2xx: Th. e)...) EpiGaviun Ta rapanaru Pairorras zn accoupting otspariohogía zur Let was fix now opious, outpurein aupitis 48 acry zor letrec ushound, sui or vale avadpopini tira anoripmon y spearing ens li Pality on svios con scope to opiopoù uns nou sivai evros uns nasiadas nou pas repitor 1 20 fix or avriden ps Ty Detree now za repra and in tia speparan orun dilla of a con fry (n. (Armala)) ZE purplos que