11-1/ let f =) (b). set-box! b 3; 5___ let x = box o let y = f x unbex K 丁尹 76 let x = box 0 let x = 0 set-boxl x 3 -/ set! x 3 unbox X ×

n Ivalue 11-2/ J7: e= | set! x e OLD (Jo) . 2/E[(1x.e) v] 7 2/E[e[x = v]] Ew (Jz): 2/E[(lx.e) v] -> E[or +> v]/ E[e[x = unbox of] NEW (52): E [set! (unbox or) v] -> Elono]/Eloj

11-3/ CESKo: St=(e, env: x7v, 3b: x7v, CESK,; st=(e, env: x-70, sto: on, た)

11-4 translator J7 -> J6

(vars) (box, no varables) ($\lambda \times$)

($\lambda \times$) 11-5/
desugar Br ["lambda", f, [x], b] => lambda f (xi) if (modified b) then where BU = BV ~ Ex3 desugar BV X = if x f BV Hen × xodau 0 W X

11-6/ (define (even? x)
(if $(= \times 0)$ the
(not (odd? (-x1))))
(deline (odd? x)
(if (= x o) false
(not (even? (-x1)))))
desugar
(letrec ([xo eo] [xn en]) eb)
=7 (let ([xo onit] [xn onit])
(set! xo eo) (set! xn en)
69)