How to approach?

Less straightforward, but lets book for signs.

First, can we make use of something that he have alread?

Yes! Inc-r

How to make use of incr?

Increment one of the reporters, by "the other reporter" amount of times.

the other repeater is called as function

⇒ Y| (f) (r2)

↓

f is function that increments reperted I still need to follow specification

How?

(iter-count, 10) => inc-r(x);

- =) 11 ((ilex-count, 11)=) inc-r (10)) (12)
- =) clanst odd-r =  $(r_1, r_2)$  =)  $r_1$  ( (idx.count,  $r_1$ ) =)  $inc_r(r_1)$ .)  $(r_2)$ ;

1. Find out how repensers note

E.5. 31:

f => [2- f(2r, 2r(f)(0)))

function that accepts a function, )
returns a function that accepts a value.

furction f is a furthern must empts 2 arguments.

Without bolking at what f is, let's call it to further 3r first with a random further Fx & random value D

>) 3r (Fil)(0)

Now can you tell how

repent Knothers?

this representation of representations

- D For (2r, 2r (Fic)(0)) this explasion some as
- => Fic (2r, Fic (1r, 1r(Fi)(0)))
- => Fr (2r, Fc ( (r, Fc ( or, Or (Fc) (0) )))
- => Fx (2r; Fx(1r, fx(0r, 0)))

At this point, what does this regressing pottern say about the representation of reproducts?

Is all have to follow some structure.

Find a Fic: (Her-count, x) => 11+1;

=> 6(2r,6(1r,6(0r,0)))

3

How to increment repeater men? S G(3r, G(2r, G(1r, G(0r,0)))

6 (3r, 3r (6)(0))

 $f \Rightarrow x \Rightarrow f(r, r(f)(x))$ 

representation of a repeater

1

wash